QUICKSILVER
Marine Parts & Accessories

2023

Accessories Guide



EUROPE, MIDDLE EAST and AFRICA EDITION



TABLE OF CONTENTS

Introduction c
Engine Accessories 1
Engine Maintenance 229
Oils | Lubricants | Engine Care 257
Quick Reference Guide 317
Controls and Rigging 369
Propellers 649
Inflatable Boats 879
Boating Accessories 891
Part Number to Page Number Reference 895
OE to Quicksilver Cross Reference 995
Part Description Index 997

Notes:

HOW TO USE YOUR PARTS AND ACCESSORIES GUIDE

Part and Packaging Information

Packaging and Unit Pricing

There are three different units of packaging for parts and accessories, they are:

1. Individually — Items that do not indicate any package quantity are priced and sold individually.
2. Priced individually, sold in specified quantity — When part numbers show the "@" sign, order the quantity you require. Orders will be rounded up to the next quantity.
3. Priced and packaged in quantities of a specified number — The items are sold in a specified case or package quantity. The quantities ordered should reflect the number of cases or packages you would like to purchase.

Part Classification

Part classification codes help to quickly identify a parts category. The following parts classification chart identify the part category use.

Part Classification Codes		
5 — Sterndrives	39 — Piston rings	90 — Printed and advertising material
6 — Transom/gimbal housing	40 — Lock rings (piston pin)	91 — Tools and equipment
10 — Screws and bolts	41 — Piston pins	92 — Paint and lubricants
11 — Nuts	42 — Muffler	93 — Miscellaneous parts
12 — Washers (plain)	43 — Gears	97 — Anodes
13 — Washers (lock and wave)	44 — Propeller shafts	98 — Kits
14 — Washers (tab)	45 — Drive shafts	100 — Cowls and starter housings
15 — Shims	46 — Water pump cartridges	200 — Flywheels
16 — Studs	47 — Impellers	300 — Ignition components
17 — Pins and rivets	48 — Propellers	400 — Crankshafts
18 — Cotter pins	50 — Starters	500 — Center main bearings
19 — Welch plugs	51 — Cylinder liner	600 — Connecting rods
20 — Valves (shut-off)	52 — Clutches	700 — Pistons
21 — Check valves	53 — Rings (snap, "E", retaining)	800 — Cylinder blocks
22 — Fittings	54 — Clips and clamps	900 — Crankcases
23 — Bushings and spacers	55 — Shock absorbers	1000 — Cylinder block covers
24 — Springs	57 — V-belts	1100 — End caps and bearing housings
25 — O-rings and grommets	61 — Powerheads	1200 — Fuel tanks
26 — Seals	62 — Inflatable boat parts	1300 — Carburetors and components
27 — Gaskets	64 — Throttle, shift and steering	1400 — Clamps and swivel brackets
28 — Keys	67 — Boating accessories	1500 — Driveshaft housings
29 — Needle bearings	68 — Inflatable boat parts	1600 — Gear housings
30 — Ball bearings	79 — Instrument gauges	2100 — Cowls and starter housings
31 — Roller bearings	82 — Potentiometer	2400 — Cam shaft and crankshaft
32 — Lines (fuel, air, water)	83 — Varistors and rectifiers	2700 — Pistons
33 — Spark plugs	84 — Wiring harness and electrical cables	2800 — Cylinder blocks
34 — Reeds and reed stops	85 — Insulators	3300 — Carburetors and components
35 — Filters and strainers	86 — Connectors, terminals, terminal blocks	3400 — Clamp and swivel braces
36 — Filter caps	87 — Switches	3500 — Driveshaft housing
37 — Decals	88 — Fuses and light bulbs	3600 — Transmission
38 — Serial and name plates	89 — Solenoids	4000 — Cowls

Parts and Accessories Ordering Information

Brunswick Marine in EMEA recommends using Extranet for all product ordering, order status and Dealer account information. For all of your concerns on P&A ordering questions, please call your Customer Service representative.

Mercury Precision, SmartCraft and Quicksilver Parts and Accessories Limited Warranty

What is Covered

Brunswick Marine in EMEA warrants each new or factory rebuilt Mercury Precision, SmartCraft, Quicksilver parts and accessories, and Mercury Racing Propellers sold by a Mercury authorized dealer or distributor, to be free from defects in material and workmanship during the period described following.

Duration of Coverage

This limited warranty provides coverage for one year from either the date on which the product is first sold to a retail customer by a Mercury authorized dealer or distributor, or the date on which the product is first put into service, whichever occurs first.

Parts and accessories installed on Mercury Racing products that have product warranty duration of less than one year, carries a limited warranty coverage for a period of time equal to, and not greater than, the duration of the limited warranty originally provided with the parent product. The repair or replacement of parts, or the performance of service under this warranty, does not extend the life of this warranty beyond its original expiration date. Unexpired warranty coverage can be transferred to a subsequent purchaser upon proper re– registration of the product.

Conditions That Must be Met in Order to Obtain Warranty Coverage

Warranty coverage is available only to retail customers that purchase from a dealer authorized by Brunswick Marine in EMEA to distribute the product in the country in which the sale occurred. Routine maintenance outlined in the Operation and Maintenance Manual must be timely performed in order to maintain warranty coverage. Brunswick Marine in EMEA reserves the right to make warranty coverage contingent upon proof of proper maintenance.

What Mercury Will Do

Mercury's sole and exclusive obligation under this warranty is limited to, at our option, repairing a defective part, replacing such part or parts with new or refunding the purchase price of the Mercury product. Mercury reserves the right to improve or modify products from time to time without assuming an obligation to modify products previously manufactured.

How to Obtain Warranty Coverage

The customer must provide Mercury with a reasonable opportunity to repair, and reasonable access to the product for warranty service. Warranty claims shall be made by delivering the product for inspection to a Mercury dealer authorized to service the product. If the purchaser cannot deliver the product to an authorized dealer, written notice must be given to Brunswick Marine in EMEA. We will then arrange for the inspection and any covered repair. The purchaser shall pay for all related transportation charges and travel time. If the service provided is not covered by this warranty, the purchaser shall pay for all related labor, material, and any other expenses associated with that service. The purchaser shall not, unless requested by Mercury, ship the product or parts of the product directly to Brunswick Marine in EMEA. The original purchase receipt establishes the warranty period and must be presented to the dealer at the time warranty service is requested in order to obtain coverage.

What is Not Covered

This limited warranty does not cover routine maintenance items, tune ups, adjustments, normal wear, damage caused by abuse, abnormal use, double lab finished propellers, use of a propeller or gear ratio that does not allow the engine to run in its recommended wide open throttle RPM range (refer to the Operation and Maintenance Manual), operation of the product in a manner inconsistent with the recommended operation/duty cycle section of the Operation and Maintenance Manual, exceeding the horsepower limitations for the product as listed on the Mercury Racing propeller or in the Quicksilver Precision/Mercury Racing Accessory Guide, neglect, accident, submersion, improper installation (proper installation specifications are explained in the installation instructions for the product), improper service, use of an accessory or part not manufactured or sold by Brunswick Marine in EMEA, jet pump impellers and liners, operation with fuels, oils or lubricants which are not suitable for use with the product (refer to the Operation and Maintenance Manual), alteration or removal of parts, water entering the engine through the fuel intake, air intake or exhaust system, or damage to the product from insufficient cooling water caused by blockage of the cooling system by a foreign body, running the engine out of water, mounting the engine too high on the transom, or running the boat with the engine trimmed out too far. Use of the product for racing or other competitive activity, or operating with a racing type lower unit, at any point, even by a prior owner of the product voids the warranty.

Mercury Precision, SmartCraft and Quicksilver Parts and Accessories that are used for any purpose for which they are not intended (outside anticipated marine applications) are excluded from coverage under this warranty statement. Expenses related to haul–out, launch, towing, storage, telephone, rental, inconvenience, slip fees, insurance coverage, loan payments, loss of time, loss of income, or any other type of incidental or consequential damages are not covered by this warranty. Also, expenses associated with the removal and/or replacement of boat partitions or material caused by boat design for access to the product are not covered by this warranty.

No individual or entity, including Brunswick Marine in EMEA authorized dealers, has been given authority by Brunswick Marine in EMEA to make any affirmation, representation or warranty regarding the product, other than those contained in this limited warranty, and if made, shall not be enforceable against Brunswick Marine in EMEA. For additional information regarding events and circumstances covered by this warranty, and those that are not, see the Warranty Coverage section of the Operation and Maintenance Manual, incorporated by reference into this warranty

Disclaimers and Limitations

THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. TO THE EXTENT THAT THEY CANNOT BE DISCLAIMED, THE IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIFE OF THE EXPRESS WARRANTY. INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM COVERAGE UNDER THIS WARRANTY. SOME COUNTRIES DO NOT ALLOW FOR THE DISCLAIMERS, LIMITATIONS AND EXCLUSIONS IDENTIFIED ABOVE, AS A RESULT, THEY MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH VARY FROM COUNTRY TO COUNTRY.

Mercury Precision, SmartCraft and Quicksilver Parts and Accessories Limited Warranty (the "Warranty") gives specific rights to the Customer. For the avoidance of doubt, the Warranty does not in any way adversely affect any possible right and/or protection the Customer may have under applicable legislation.

ExtraNET

ExtraNET is Brunswick Marines exclusive on-line system that will provide you access to the tools that will make your business efficient and profitable. Our electronic systems are intended to meet the needs of your business, large or small. The system allows you to perform functions faster and more accurately, enter orders, access product and warranty information more efficiently and much more. ExtraNET customers enjoy extra benefits, such as:

- Create orders for parts & accessories, certain finished products like outboards, inflatable boats, etc.
- Browse product configurator
- Check part and product availability
- View product history by serial number
- View order status and print invoices, statements and age analysis
- File product registration and consult pipeline
- File warranty claims
- Parts and products ordering 7 days a week
- File product protection plans

All ExtraNET systems are subject to change, as we continue to improve our products based on customer input.

New Electronic Parts Catalog

The New Electronic Parts Catalog (EPC) containing the Mercury Parts Catalogs and Service Bulletins is available for ExtraNET customers on a USB memory stick (P/N 8M0118036) for offline usage and via a link on the ExtraNET for online usage.

Features of the Electronic Parts Catalog include:

- Improved look and feel with easier navigation
- Enhanced search functionality • Key word search • Part number search • Document search • Multiple searches open at the same time
- Mobile-friendly interfaces for portable devices, with real-time updates – no need to worry about running updates in the online version!
- Convenient "hot spots" to find part numbers on schematics faster
- Multi-language translation
- Track your activity and to-do projects with personal notes
- Daily pricing update for the online version and weekly pricing update for the offline version

Recommended System Requirements Electronic Parts Catalog

- Microsoft Windows 7 or Newer Operating System
- 550 MHz or faster processor
- 512 MB RAM or greater
- 12 GB of free hard disk space (if installing the EPC on a hard drive)
- USB Drive
- High Speed Internet access
- Internet Explorer 10.0 or greater
- Color monitor (resolution 1024 x 768 pixels)
- Local Printer

Extranet Customer Service Contact Information

Please contact your customer representative or your Mercury/Mariner distributor representative.

Notes:

TABLE OF CONTENTS

Outboard 5

Accent Panels 109
Air Filters 89
Anode Application Charts 101
Anodes - Mercury Thruster 101
Anodes - Outboard Kits 94
Anodes - Prop Nut/Spool 100
Anodes - Side Mounted/Pocket 100
Anodes - Transom Bracket/Power Trim 99
Anodes - Trim Tab/Plate 96
Automatic Outboard Flushing System 63
Battery Cable Kit 32
Battery Charging Kit 23
Battery Charging Kits Chart - Mercury/ Mariner 24
Blow Start Siphon 74
Carburetor Anti-Icing Kits 86
Co-Pilot Kit 48
Cowl Mounted Button 36
Deck Oil Fill Kit 87
Driveshaft Extension Chart 52
Driveshaft Housing Extension Kits - "NEW" V6 (3.4L) & V8 (4.6L) 51
Driveshaft Housing Spacer Kits - "NEW" V6 (3.4L) & V8 (4.6L) 51
Electric Start Kit 34
Electric Start Kits Chart - Mercury/Mariner . 37
Extension Kit - 2 1/2 Inch (64mm) 51
Extension Kit - 5 Inch (127mm) 50
Flushing Attachments 60
Front Low Water Pick-up Plug Kit 88
Fuel Filters 74
Fuel Line Fittings and Components 70
Fuel Lines and Primer Bulbs - (Non-US Compliant) 67
Fuel System Accessories 70
Fuel Tanks - Portable - Premium (Non-US Compliant) 66
Fuel Tanks - Portable - Standard (Non-US Compliant) 66
Fuel Tanks - Portable - Super (Non-US Compliant) 65
Gear Housing Replacement Skegs 88
Harness Assembly 24
Heavy Abrasion Water Pump Kit 19
High Altitude Gear Sets & Gearcases (4 cylinder) 60
High Altitude Gear Sets & Gearcases (V-6) . . .59
High Energy Alternator Kits 20
High Speed Water Pickup Inserts 65
Kicker Strap Kit 94
Lifting Devices - Outboard 92
Lighting Coil Kits 20
Lighting Coil Kits Chart - Mercury/Mariner . 21
Lighting Regulators 20
Mercathode 93
Mercury, Mariner 3-Cylinder (70, 75, 80, 90 HP) 110
Mercury, Mariner V-6 111
Mercury 150 Hp 4-Stroke Outboard Gearcases 112
Mercury 40-60 Hp 4-Stroke Outboard Bigfoot Gearcases 112
Mercury 75, 90 & 115 Hp 4-Stroke Outboard Gearcases 112
Mercury Mariner 4-Cylinder (100, 115, 125 HP) 111
Neutral Interlock 36
Oil Filters - FourStroke Outboard 89
Outboard Mounting Hardware 56
Outboard Mounting Hardware Chart 59
Outboard Rigging Hose Kit 48
Power Trim Chart - Mercury/Mariner 2-Cycle 29
Power Trim Chart - Mercury/Mariner FourStroke 28
Power Trim Kit 26
Power Trim Switch Kit 27
Remote Control Engine Harness 36
Remote Fuel Tank Adapter Kits 82
Remote Mounted Power Trim Accessories . . . 27
Remote Oil Tank Conversion Kits 86
Remote Oil Tanks and Components 86
Rigging Hoses Chart - Mercury/Mariner . . . 49
Shallow Water Drive Kit 50

TABLE OF CONTENTS - ENGINE ACCESSORIES

Shift Attaching Kit 41
Sideshift Conversion Kit 50
Spark Plug Application Chart - 2-Cycle . . . 13
Spark Plug Application Chart - Early Mariner 18
Spark Plug Application Chart - FourStroke . 11
Spark Plugs - Standard 5
Spark Plugs - Suppressor (Resistor) 7
Starter Ropes for Manual Starters 85
Steering Bracket without Carrying Handle . . . 48
Thermostat Kit 82
Thermostats Chart - Mercury/Mariner 83
Tiller Handle - Big Tiller Steering 41
Tiller Handle Bracket 48
Tiller Handle Harness Button 35
Tiller Handle Kits Chart - Mercury/Mariner . . 43
Tiller Handle Kit - Traditional Style 39
Trailering Clip 32
Trailering Clips Chart - Mercury/Mariner/ Force 32
Trailering Tilt Support Brackets 31
Transom Mounted Ignition Keyswitch 36
Trim Limit Kits 31
Verado 135-200 L4 Outboard Gearcases . . . 113
Verado 200-275 L6 Outboard Gearcases . . . 113
Verado 300 L6 Outboard Gearcases 113
Vertical Manual Starter Rope Guide 85
Voltage Regulator/Rectifier Kit 20
Voltage Regulator Kit 20
Water Eliminator 74
Water Separating Fuel Filter 77

MerCruiser 114

Air Intake Silencer Kit 124
Air Intake Tube Kit 124
Anode Chart - MerCruiser 185
Anode Chart - Propeller Nut 181
Anode Charts - Accessories and Inboard . 187
Anode - Engine 184
Anode - Heat Exchanger 184
Anode Kits 178
Anodes - Driveshaft Housing 180
Anodes - Gear Housing 182
Anodes - Propeller 181
Anodes - Transom 180
Anodes - Trim Cylinder 183
Bearing Kit 120
Boost Pump Kit 170
Borg Warner / Velvet Drive Direct-Across . . . 195
Carburetor Wedge Kit 149
Check Valve Kit 176
Closed Cooling Kit Chart (Dry Joint Exhaust) 155
Closed Cooling Kit Chart - MCM (Pre-Dry Joint Exh) 158
Closed Cooling Kit Chart - MIE (Pre-Dry Joint Exh) 160
Closed Cooling Kit Chart - Ski (Pre-Dry Joint Exh) 161
Closed Cooling Kits 149
Cool Fuel Relocation Kits 149
Custom Engine Covers 120
Diagnostic Tools for Multiple Cylinder Applications 176
Driveshaft Extension (Jackshaft) Kit Chart 165
Driveshaft Extension (Jackshaft) Kits 164
Driveshaft Housings - Basic 192
Driveshaft Housings - Complete 191
Dual Station Senders 122
Engine Circulating Pump Drain Kit 161
Engine Flush Connector Kit 162
Engine Flush Kit 162
Exhaust Block-Off Plate 128
Exhaust Elbow/Riser Kits (8.1L & 8.2L, non-EC, 2001 & newer) 137
Exhaust Elbow Riser Kits (8.1L) Emissions Control 144
Exhaust Elbow Riser Kits (8.2L) Emissions Control 145
Exhaust In-Line Shutter Kit 128
Exhaust Manifold Fittings 149
Exhaust Outlet Flapper Kits 128
Exhaust Pipe Kits 128
Exhaust Riser Chart - Gas, Emissions Control Engines 148

Exhaust Riser Chart - Gasoline Engine (Non-EC engines) . . . 138
Exhaust Riser Kits (Gas, Dry Joint, Small Block, non-EC, 2002 & newer) . . . 132
Exhaust Riser Kits (Gas, Small Block, Emissions Control) . . . 142
Exhaust Riser Kits (Gas, Wet Joint, 2002 & older) . . . 131
Exhaust Riser Kits For Diesel Engines . . . 131
Flushing Attachments . . . 163
Front Belt Cover Kit . . . 124
Fuel Filter Kit . . . 170
Gear Housing Replacement Skegs . . . 176
Gear Housings - Basic . . . 194
Gear Housings - Complete . . . 192
Gear Lube Monitor Kits . . . 121
High Capacity Water Separating Fuel Filter - Gasoline or Diesel . . . 170
Hot Water Heater Fitting Kits . . . 124
Hot Water Heater T-Fitting Kit Chart . . . 126
Mercathode . . . 177
Oil Drain Hose Kit Chart . . . 169
Oil Drain Hose Kits . . . 168
Propeller Shaft Couplers for MIE only . . . 176
Racor Water Separating Fuel Filters -Diesel . 174
Racor Water Separating Fuel Filters -Gasoline . . . 174
Remote Oil Filter Bracket Kit . . . 168
Remote Oil Filter Bracket Kit Chart . . . 168
Remote Oil Filter Kit Chart . . . 167
Remote Oil Filter Kits . . . 167
Seawater Hose Drain Kit . . . 161
Seawater Pickups . . . 175
Seawater Strainer . . . 175
Serpentine Belt Kit Chart . . . 123
Serpentine Belt Kits . . . 122
Spark Plug Chart - MerCruiser . . . 116
Spark Plugs - MerCruiser . . . 114
Sterndrives - Alpha One . . . 188
Sterndrives - Alpha One Gen II . . . 188
Sterndrives - Bravo One . . . 188
Sterndrives - Bravo One (Classic) . . . 188
Sterndrives - Bravo One (SeaCore) . . . 189
Sterndrives - Bravo Three . . . 190
Sterndrives - Bravo Three (Classic) . . . 190
Sterndrives - Bravo Three (SeaCore) . . . 190
Sterndrives - Bravo Two . . . 189
Sterndrives - Bravo Two (Classic) . . . 189
Sterndrives - Bravo Two (SeaCore) . . . 189
Tailstock Kits . . . 166
Thru Transom Exhaust Outlets . . . 127
Tilt Up Limit Spacer Kit . . . 121
Trailering Clips . . . 121
Transom Adapter Kit . . . 177
Transom Assembly - Alpha . . . 187
Transom Assembly - Bravo . . . 187
Transom Assembly - Bravo (SeaCore) . . . 187
Trim In Limit Spacer Kits . . . 121
Water Eliminator . . . 170
Water Pressure Relief Valve Kit . . . 175
Water Separating Fuel Filters -Diesel . . . 173
Water Separating Fuel Filters -Gasoline . . . 171
ZF/Hurth 45C Direct Across . . . 195
ZF/Hurth 630A Down Angle Transmission . . 195
ZF/Hurth 630 V-Drive Transmission . . . 195

Racing . . . 196

2.5L Drag Powerheads . . . 196
Bearing Upgrade Kits . . . 211
Bravo Gimbal Ring Conversion Kit . . . 210
Bravo HD Propshaft Kit . . . 211
Champ/S3000 . . . 196
Cylinder Heads for 2.5 EFI Drag . . . 196
Cylinder Heads for V-6 Outboard . . . 196
Driveshaft Assembly . . . 211
Electric Fuel Pumps . . . 197
Engine Harness Rigging Kits-Non DTS . . . 204
Engine Mounts . . . 202
Extension (Wing) Plates . . . 205
Floor Mount Kit . . . 206
Flushing Kits . . . 200
Fuel Filter . . . 205
Fuel Filter Assembly . . . 198
Gearcase Charts - Outboard 2.5L Model . . 201
Heavy Duty Battery Cables for V-6 Outboards 197

M8 Drives 208
MerCathode 205
NXT1 Driveline Kit 208
NXT1 Prop Hub Kits 208
NXT1 Steering Indicator 208
NXT1 Water Pickup Kits 209
Outboard Gearcases - Torque Master for 2.5L Models 201
Outboard Gear Set for 2.5L Models 201
Outboard HD Propshaft Kits 196
Plastic Reed Valves 197
Power Steering 209
QC4v Engines 209
Race DTS Accessories 210
Rigging Accessories 200
Spacer Kits 202
Stage 2 Muffler Kit 207
Stator 197
Sterndrive Accessories 203
Switches and Electrical Components 198
Transom Mounted Water Pickup 211
Trim Hoses 199
Trim Pumps 199
Water Pressure Relief Valve Kit 202
X-Haust Accessories 207
X-Haust Noise Reducer 206
X-Haust Stage 1 Tailpipe Kits 206
X-Haust Tailpipe Hardware Kits 207

Jet Drive 212

Anode Chart - Sport Jet 217
Anodes - Sport Jet 216
Flushing Kits 216
Ignition Key Switch with Harnesses 215
Jet Drive 135 & 270 Deg. Steering System . . 214
Jet Drive Shift Cables 212
Platinum Plus Throttle and Shift Cable SAE . 213
Replacement Inlet Grates 216
Steering Cable Bulkhead Fittings and Bellows Kits 215
Steering Cable Rod End 215

Marine Batteries and Accessories 218

Battery Accessories 219
Marine Batteries 218

Vented Outboard Splash Covers 221

4-Stroke Vented Splash Covers With Quick Panel Access 225

Point-of-Sale Product Displays 226

Logos 226
Point-of-Sale Product Kits 226
Point-of-Sale Products and Easels 226

OUTBOARD

SPARK PLUGS - STANDARD

All spark plugs carried are not contained in this section. Spark plugs shown here are the Mercury/Mariner Outboard Service recommended replacements at time of printing. View the application charts following this section for specific outboard model recommendations.

SPARK PLUG



33-**8M0114743**

NGK BP6HS-10/18. Check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 4

SPARK PLUG



33-**8M0176682**

NGK, BU8H, check and set gap per owner's manual or the emissions control information decal if present.
Sold @ multiples of 10

SPARK PLUG



33-**8M0176684**

NGK, BP8HS-15, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, solt @ multiples of 10

SPARK PLUG



33-**8M0176665**

NGK B7HS/82. Check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

33-**8M0176669**

NGK B8HS /68. Check and set gap per owner's manual or the emissions control information decal if present.
Sold @ multiples of 10.

SPARK PLUG



33-**8M0114737**

NGK, B5HS, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 4

SPARK PLUG

Image not Available.

33-**896329827**

Champion L76V, check and set gap per owner's manual or the emissions control information decal if present.

Fits 40 hp through 50 hp and 75 through 120 hp 2-stroke Force outboards and 90 hp through 120 hp SportJet

Priced individually, sold @ multiples of 4

SPARK PLUG



33-**8M0176690**

NGK, BP7HS-10, check and set gap per owner's manual or the emissions control information decal if present.
Sold @ multiples of 10

SPARK PLUG



33-**813413**

NGK, B7S, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**813416**

NGK, BR6S

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**816737Q**

NGK, BP8HN-10, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**896323**

Champion, L82C. Use only the spark plug listed in your engine owner's manual. Using the wrong plug can reduce optimum performance, reduce fuel economy or cause damage to your engine. Spark plugs are easy to change with common spark plug sockets. The Quicksilver brand is the leader in delivering uncompromising engine oils, parts and accessories to the marine industry for over 65 years. Quicksilver is the premier supplier of Mercury Marine Original Equipment replacement engine parts, oils, and accessories, but also works to serve all Original Equipment brands in the marine and powersports industries. It has earned a loyal following by providing the highest quality products that are tested through some of the most rigorous environments and testing procedures. No aftermarket company comes close to the level of research and design as Quicksilver; buying Quicksilver is buying performance, protection and peace of mind.

Priced individually, sold @ multiples of 4

SPARK PLUG



33-**8M0176668**

NGK, BP8HS-10

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0176627**

NGK, BPZ8HS-15, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0176626**

NGK, BPZ8HS-10, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUGS - SUPPRESSOR (RESISTOR)

All spark plugs carried are not contained in this section. Spark plugs shown here are the Mercury/Mariner Outboard Service recommended replacements at time of printing. View the application charts following this section for specific outboard model recommendations.

SPARK PLUG



33- **941**

Champion, QL77CC, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 6

SPARK PLUG



33-**896329898**

Champion, QL76V

Priced individually, sold @ multiples of 4

SPARK PLUG



33- **14103568**

NGK, BUZ8H, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG

Image not Available.

33- **938**

Champion, QL78YC

Priced individually, sold @ multiples of 4

SPARK PLUG



33-**8M0176618**

NGK, BPR7HS-10, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

33-**8M0176625**

NGK, BPR6HS-10, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0204682**

NGK, DCPR6E, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0176659**

NGK, BR9HS-10, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0176642**

NGK, BR6HS, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0176670**

NGK, DPR6EA-9, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0176661**

NGK, R7347-9, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold at multiples of 4

SPARK PLUG



33-**827859**

NGK, CR6HS, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**828942**

NGK, BR7HS-10, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0176657**

NGK, LZFR6J, check and set gap per owner's manual or the emissions control information decal if present.

Sold @ multiples of 4.

SPARK PLUG - SHOP PACK



33-**8M0058936**

NGK IZFR6J, check and set gap per owner's manual or the emissions control information decal if present.

25 spark plugs in one shop package.

Priced individually, sold @ multiples of 25

SPARK PLUG



33-**8M0176692**

NGK, ZFR5F, check and set gap per owner's manual or the emissions control information decal if present.

Sold @ multiples of 4

SPARK PLUG



33-**8M0176681**

Champion - LFR5A-11, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0176619**

NGK, BR8HS-10, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0176631**

NGK, LFR6A-11, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**883323001**

Champion, RA8HC, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 4

SPARK PLUG - SHOP PACK



33-**8M0176654**

NGK ILFR6GE, check and set gap per owner's manual or the emissions control information decal if present.

25 spark plugs in one shop package.

SPARK PLUG



33-**8M0176677**

NGK, IZFR5G, check and set gap per owner's manual or the emissions control information decal if present.
Sold @ multiples of 4.

SPARK PLUG - SHOP PACK



33-**8M0058933**

NGK IZFR5G, check and set gap per owner's manual or the emissions control information decal if present.

25 spark plugs in one shop package.

Priced individually, sold @ multiples of 25

SPARK PLUG



33-**8M0176678**

NGK IZFR5J, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 4

SPARK PLUG - SHOP PACK



33-**8M0058935**

NGK IZFR5J, check and set gap per owner's manual or the emissions control information decal if present.

25 spark plugs in one shop package.

Priced individually, sold @ multiples of 25

SPARK PLUG



33-**896329874**

Champion, RL82C, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 4

SPARK PLUG



33-**8M0176683**

NGK, LFR4A-E, check and set gap per owner's manual or the emissions control information decal if present.

Price individually, sold at multiples of 10

SPARK PLUG



33-**8M0176653**

NGK, ILFR6GE, check and set gap per owner's manual or the emissions control information decal if present.
Sold @ multiples of 4.

SPARK PLUG



33-**8M0176616**

NGK non-Iridium IX - LKAR7C-9, check and set gap per owner's manual or the emissions control information decal if present.
Sold @ multiples of 10.

Fits: 175-300 & 450R V6 (3.4L) and V8 (4.6L) FourStroke outboards.

SPARK PLUG



33-**8M0176691**

NGK, ZFR5F-11

Priced individually, sold @ multiples of 4

SPARK PLUG



33-**8M0176655**

NGK, IZFR7M, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 4

SPARK PLUG



33-**8M0176673**

NGK, ITR4A15 (Iridium)

Fits 2001 & newer MCM/MIE 4.3L, 5.0L, 5.7L & 6.2L MPI engines with ECM 555.
Note: Replaces AC# 41-101, 41-932 & 41-993
Priced individually, sold @ multiples of 4

SPARK PLUG



33-**8M0178257**

NGK-ILKAR7G-9. Check and set gaps per the owner's manual or the emissions control information on the cowling decal.

For Mercury 7.6L V12 600hp Verado and 500hp SeaPro - (s/n:3B060051 and above)

Priced individually, sold @ multiples of 4

SPARK PLUG



33-**8M0176629**

NGK, DCPR6E, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0176612**

NGK, BR7HS-10, check and set gap per owner's manual or the emissions control information decal if present.

Priced individually, sold @ multiples of 10

SPARK PLUG APPLICATION CHART - FOURSTROKE

Spark Plug Application Chart - FourStroke Outboard

Model		Serial # Range	Standard Spark Plug Mercury Part Number	Standard Spark Plug Manufacturer's No.	Suppressor(resistor) Spark Plug Mercury No.	Suppressor(resistor) Spark Plug Manufacturer's No.	Gap
2.5 FourStroke	JPN	0R131842 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.033
3.5 FourStroke	JPN	0R131842 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.033
4 FourStroke	JPN	0R000001 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.035
4 FourStroke	BEL	0P073456 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.035
5 FourStroke	JPN	0R000001 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.035
5 FourStroke	BEL	0P073456 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.035
6 FourStroke	JPN	0R000001 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.035
6 FourStroke	BEL	0P073456 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.035
8 FourStroke Bodensee	USA	0H000058 - 0H017349	N/A	N/A	33-827859	NGK CR6HS	.026
8 FourStroke Bodensee	USA	0G760300 - 0T178499	N/A	N/A	33-827859	NGK CR6HS	.026
8 FourStroke Bodensee	BEL	0P086824 - 0P325499	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
8 FourStroke	JPN	0R042475 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.033
8 FourStroke	BEL	0P325500 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.033
9.9 FourStroke	USA	0H000058 - 0H016909	N/A	N/A	33-827859	NGK CR6HS	.026
9.9 FourStroke	USA	0G760300 - 0T979999	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
9.9 FourStroke	BEL	0P075166 - 0P325499	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
9.9 FourStroke	JPN	0R042475 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.033
9.9 FourStroke	BEL	0P325500 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.033
15 FourStroke	USA	0G590000 - 1B727495	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
15 FourStroke	BEL	9973100 and up	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
15 FourStroke, (Carb and EFI)	JPN	0R235949 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.033
20 FourStroke (Carb and EFI)	JPN	0R235168 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.033
25 FourStroke (Carb)	USA	0G590000 - 1B344298	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
25 FourStroke (Carb)	BEL	9973100 - 0P388282	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
25 FourStroke (EFI)	JPN	0R106999 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.033
25 FourStroke (EFI)	BEL	0P401000 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.033
25 Jet, FourStroke	JPN	0R165086 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.033
30 (Carb) FourStroke	USA	0G760300 - 1B226999	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
30 (Carb) FourStroke	BEL	0P094500 - 0P400999	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
30 (EFI) FourStroke	USA	0T409000 - 1B226999	N/A	N/A	33-883323001	Champion RA8HC	.040
30 (EFI) FourStroke	JPN	0R106999 and up	N/A	N/A	33-8M0204682	NGK DCPR6E	.033
40 (3 cyl. Carb) FourStroke	USA	0G760300 - 1B226999	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
40 (3 cyl. Carb) FourStroke	BEL	0P094500 - 0P400999	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035

OUTBOARD

Model		Serial # Range	Standard Spark Plug Mercury Part Number	Standard Spark Plug Manufacturer's No.	Suppressor(resistor) Spark Plug Mercury No.	Suppressor(resistor) Spark Plug Manufacturer's No.	Gap
40 (3 cyl. EFI) FourStroke	USA	0T409000 and up	N/A	N/A	33-883323001	Champion RA8HC	.040
40 (3 cyl. EFI) FourStroke	BEL	0P153500 and up	N/A	N/A	33-883323001	Champion RA8HC	.040
40 (3 cyl. EFI) FourStroke	CHN	1C000001 and up	N/A	N/A	33-883323001	Champion RA8HC	.040
40/45 (4 cyl.) FourStroke	USA	0G231123 - 0T178499	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
40 (4 cyl. Carb) FourStroke	USA	0T228405 - 0T598999	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
40 (4 cyl. Carb) FourStroke	BEL	0P094500 - 0P206999	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
40 (4 cyl. EFI) FourStroke	USA	0T409000 and up	N/A	N/A	33-883323001	Champion RA8HC	.040
40 (4 cyl. EFI) FourStroke	BEL	0P207000 and up	N/A	N/A	33-883323001	Champion RA8HC	.040
40 (4 cyl. EFI) FourStroke	CHN	1C000001 and up	N/A	N/A	33-883323001	Champion RA8HC	.040
40 JET (4 cyl. EFI) FourStroke	CHN	1C051324 and up	N/A	N/A	33-883323001	Champion RA8HC	.040
50 FourStroke	USA	0G231123 - 0T178499	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
50 (Carb) FourStroke	USA	0T178500 - 0T598999	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
50 (Carb) FourStroke	BEL	0P094500 - 0P206999	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
50 (EFI) FourStroke	USA	0T409000 and up	N/A	N/A	33-883323001	Champion RA8HC	.040
50 (EFI) FourStroke	BEL	0P207000 and up	N/A	N/A	33-883323001	Champion RA8HC	.040
50 (EFI) FourStroke	CHN	1C000001 and up	N/A	N/A	33-883323001	Champion RA8HC	.040
60 (Carb) FourStroke	USA	0T178500 - 0T598999	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
60 (Carb) FourStroke	BEL	0P094500 - 0P206999	N/A	N/A	33-827858Q	NGK DPR 6EA-9	.035
60 (EFI) FourStroke	USA	0T409000 and up	N/A	N/A	33-883323001	Champion RA8HC	.040
60 (EFI) FourStroke	BEL	0P207000 and up	N/A	N/A	33-883323001	Champion RA8HC	.040
60 (EFI) FourStroke	CHN	1C000001 and up	N/A	N/A	33-883323001	Champion RA8HC	.040
75 FourStroke, 1596cc	USA	0G960500 - 1B366822	N/A	N/A	33-859495Q	NGK LFR5A-11	.043
75 FourStroke, 1.7L	USA	1B366823 - 2B094995	N/A	N/A	33-8M0157328	NGK LFR4A-E	.032
75 FourStroke, 2.1L	USA	2B094996 and up	N/A	N/A	33-8M0204728	NGK ZFR5F	.032
80 FourStroke, 1.7L	USA	1B366823 - 2B094955	N/A	N/A	33-8M0157328	NGK LFR4A-E	.032
80 FourStroke, 2.1L	USA	2B094956 and up	N/A	N/A	33-8M0204728	NGK ZFR5F	.032
80 FourStroke	BEL	0P401000 and up	N/A	N/A	33-8M0157328	NGK LFR4A-E	.032
90 FourStroke, 1596cc	USA	0G960500 - 1B366822	N/A	N/A	33-859495Q	NGK LFR5A-11	.043
90 FourStroke, 1.7L	USA	1B366823 - 2B094995	N/A	N/A	33-8M0157328	NGK LFR4A-E	.032
90 FourStroke, 2.1L	USA	2B094996 and up	N/A	N/A	33-8M0204728	NGK ZFR5F	.032
100 FourStroke, 1.7L	USA	1B366823 - 2B094995	N/A	N/A	33-8M0157328	NGK LFR4A-E	.032
100 Fourstroke, 2.1L	USA	2B094996 and up	N/A	N/A	33-8M0204728	NGK ZFR5F	.032
100 FourStroke	BEL	0P401000 and up	N/A	N/A	33-8M0157328	NGK LFR4A-E	.032
115 (EFI) FourStroke, 1741cc	USA	0T178500 - 1B366822	N/A	N/A	33-881284Q	NGK LFR6A-11	.041
115 FourStroke, 1.7L	USA	1B366823 - 2B094995	N/A	N/A	33-8M0157328	NGK LFR4A-E	.032
115/115 ProXS FourStroke, 2.1L	USA	2B094996 and up	N/A	N/A	33-8M0204728	NGK ZFR5F	.032
135 Verado	USA	1B227000 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
135 Verado	BEL	0P419487 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
150 EFI FourStroke	USA	1B905505 and up	N/A	N/A	33-8M0204728	NGK ZFR5F	.032
150 Verado	USA	1B227000 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
150 Verado	BEL	0P419487 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
175 Verado	USA	1B227000 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
175 Verado	BEL	0P464488 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
200 Verado, 4&6 cylinder	USA	0T980000 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
200 Verado, 4&6 cylinder	BEL	0P409357 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
225 (EFI) FourStroke	USA	0T653945 and up	N/A	N/A	33-859495Q	NGK LFR5A-11	.043
225 Verado	USA	0T980000 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
225 Verado	BEL	0P409357 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
250 Verado	USA	0T980000 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
250 Verado	BEL	0P409357 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
275 Verado	USA	0T980000 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
275 Verado	BEL	0P409357 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
300 Verado	USA	0T980000 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
300 Verado	BEL	0P520553 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031
350 Verado	USA	1B718256 and up	N/A	N/A	33-889246Q39	NGK ILFR6GE	.031

Model		Serial # Range	Standard Spark Plug Mercury Part Number	Standard Spark Plug Manufacturer's No.	Suppressor(resistor) Spark Plug Mercury No.	Suppressor(resistor) Spark Plug Manufacturer's No.	Gap
175-300 & 450R V6(3.4L) & V8(4.6L)	USA	2B529482 and up	N/A	N/A	33-8M0135348	NGK LART7C-9	.035

SPARK PLUG APPLICATION CHART - 2-CYCLE

Spark Plug Application Chart - 2-Cycle Outboard

Model		Serial # Range	Standard Spark Plug Mercury Part Number	Standard Spark Plug Manufacturer's No.	Suppressor(resistor) Spark Plug Mecury No.	Suppressor(resistor) Spark Plug Manufacturer's No.	Gap
2.2	USA	8075603 and up	N/A	N/A	33- 19796	NGK BPR6HS-10	.040
2.5		0A855097 and up	33-8M0114743	NGK BP6HS-10	33- 19796	NGK BPR6HS-10	.040
3		0A855097 - 0G710612	N/A	N/A	33- 19796	NGK BPR6HS-10	.040
3.3		0D901217 and up	33-8M0114743	NGK BP6HS-10	33- 19796	NGK BPR6HS-10	.040
3.5	USA	6202173 and up	33-8M0114743	NGK BP6HS-10	33- 19796	NGK BPR6HS-10	.040
3.6	USA	5404657 and up	33-8M0114744	NGK BP7HS-10	33- 17719547	NGK BPR7HS-10	.040
3.6	BEL	9252831 and up	33-8M0114744	NGK BP7HS-10	33- 17719547	NGK BPR7HS-10	.040
3.6	CAN	7145388 and up	33-8M0114744	NGK BP7HS-10	33- 17719547	NGK BPR7HS-10	.040
3.9 (39)		1655013 - 2498135	33-8M0114737	NGK B5HS	N/A	N/A	.025
4 (40)(1 cyl.)		2498136 - 2771621	33-8M0114737	NGK B5HS	N/A	N/A	.030
4 (40)(1 cyl.)		2771622 - 0A809600	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
4 (40)(2 cyl.) Gnat	BEL	9075839 - 9256980	33-813472	NGK B6HS	33-813472	NGK BR6HS	.050
4 (40)(2 cyl.) Gnat	CAN	7085673 - 7146487	33-813472	NGK B6HS	33-813472	NGK BR6HS	.050
4 (40)(2 cyl.)	USA	5589202 - 5595531	33-8M0114744	NGK BP7HS-10	33- 17719547	NGK BPR7HS-10	.040
4 (40)(2 cyl.)	AUS	8065265 - 8068064	33-8M0114744	NGK BP7HS-10	33- 17719547	NGK BPR7HS-10	.040
4 (40)(2 cyl.)	BEL	9256981 - 9258280	33-8M0114744	NGK BP7HS-10	33- 17719547	NGK BPR7HS-10	.040
4 (40)(2 cyl.)	CAN	7146488 - 7143687	33-8M0114744	NGK BP7HS-10	33- 17719547	NGK BPR7HS-10	.040
4 (1 cyl.)	USA	0A809601 and up	33-8M0114744	NGK BP7HS-10	33- 17719547	NGK BPR7HS-10	.040
4 (1 cyl.)	BEL	9477830 and up	33-8M0114744	NGK BP7HS-10	33- 17719547	NGK BPR7HS-10	.040
4.5 (45)(1 cyl.)	USA	4107220 - 0A809600	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
4.5 (45)(1 cyl.)	AUS	8026540 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
4.5 (45)(1 cyl.)	BEL	9072179 - 9477829	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
4.5 (45)(1 cyl.)	CAN	7045758 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
5 (1 cyl.)	USA	0A809601 and up	33-8M0114744	NGK BP7HS-10	33- 17719547	NGK BPR7HS-10	.040
5 (1 cyl.)	BEL	9477830 and up	33-8M0114744	NGK BP7HS-10	33- 17719547	NGK BPR7HS-10	.040
6 (60)	USA	1408611 - 2126763	33-813416	NGK B6S	N/A	N/A	.025
6 (60)	CAN	1958792 - 2096170	33-813416	NGK B6S	N/A	N/A	.025
6 (60)(60J)	USA	2126764 and up	33-813472	NGK B6HS	33-813472	NGK BR6HS	.030
6 (60)(60J)	CAN	2096171 and up	33-813472	NGK B6HS	33-813472	NGK BR6HS	.030
6	USA	0A197112 - 0T800749	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
6	BEL	9461526 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
7.5 (75)		2529895 - 3801457	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
7.5 (75)	USA	3801458 - 4851692	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
7.5 (75)	AUS	8015315 - 8051349	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
7.5 (75)	BEL	9043194 - 9181725	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
7.5 (75)	CAN	7028598 - 7111897	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
7.5 (75)	USA	4851693 - 5226934	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
7.5 (75)	AUS	8051350 - 8058019	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
7.5 (75)	BEL	9181726 - 9219255	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
7.5 (75)	CAN	7111898 - 7136037	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
7.5	USA	5206550 and up	33-813418	NGK B9HS-10	33-813418	NGK BR9HS-10	.040
7.5	AUS	8057545 and up	33-813418	NGK B9HS-10	33-813418	NGK BR9HS-10	.040
7.5	BEL	9217756 and up	33-813418	NGK B9HS-10	33-813418	NGK BR9HS-10	.040
7.5	CAN	7125388 and up	33-813418	NGK B9HS-10	33-813418	NGK BR9HS-10	.040

OUTBOARD

Model		Serial # Range	Standard Spark Plug Mercury Part Number	Standard Spark Plug Manufacturer's No.	Suppressor(resistor) Spark Plug Mecury No.	Suppressor(resistor) Spark Plug Manufacturer's No.	Gap
8	USA	0A197112 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
8	BEL	9461526 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
9.8 (110)		1470349 - 2098351	33-813416	NGK B6S	N/A	N/A	.025
9.8 (110)		2098352 - 2798056	33-8M0114739	NGK B7HS	N/A	N/A	.030
9.8 (110)		2798057 - 3795657	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
9.8 (110)	USA	3795658 - 4839253	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
9.8 (110)	AUS	8015040 - 8050624	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
9.8 (110)	BEL	9041439 - 9165304	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
9.8 (110)	CAN	7027323 - 7111347	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
9.8 (110)	USA	4839254 - 5206549	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
9.8 (110)	AUS	8050625 - 8057544	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
9.8 (110)	BEL	9165303 - 9217755	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
9.8 (110)	CAN	7111348 - 7125387	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
9.8	USA	5206550 and up	33-813418	NGK B9HS-10	33-813418	NGK BR9HS-10	.040
9.8	AUS	8057545 and up	33-813418	NGK B9HS-10	33-813418	NGK BR9HS-10	.040
9.8	BEL	9217756 and up	33-813418	NGK B9HS-10	33-813418	NGK BR9HS-10	.040
9.8	CAN	7125388 and up	33-813418	NGK B9HS-10	33-813418	NGK BR9HS-10	.040
9.9	USA	0A197112 - 0G112449	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
9.9	BEL	9461526 - 9831799	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
9.9	USA	0G112450 and up	33-8M0114746	NGK BP8HS-15	33- 14814568	NGK BPZ8HS-15	.060
9.9	BEL	9831800 and up	33-8M0114746	NGK BP8HS-15	33- 14814568	NGK BPZ8HS-15	.060
10 (100)		1290910 - 1499331	33-813416	NGK B6S	N/A	N/A	.025
10 (XR10/SEA PRO 10)	USA	0D038000 and up	33-8M0114746	NGK BP8HS-15	33- 14814568	NGK BPZ8HS-15	.060
10 (XR10/SEA PRO 10)	BEL	9596000 and up	33-8M0114746	NGK BP8HS-15	33- 14814568	NGK BPZ8HS-15	.060
10 Magnum/Marathon	USA	0D038000 and up	33-8M0114746	NGK BP8HS-15	33- 14814568	NGK BPZ8HS-15	.060
10 Magnum/Marathon	BEL	9596000 and up	33-8M0114746	NGK BP8HS-15	33- 14814568	NGK BPZ8HS-15	.060
15 (150)		1290910 - 1499331	33-813416	NGK B6S	N/A	N/A	.025
15	USA	0B292414 and up	33-8M0114746	NGK BP8HS-15	33- 14814568	NGK BPZ8HS-15	.060
15	BEL	9542620 and up	33-8M0114746	NGK BP8HS-15	33- 14814568	NGK BPZ8HS-15	.060
15 Sea Pro/Marathon	USA	0G044365 - 0G437999	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
15 Sea Pro/Marathon	USA	0G438000 and up	33-8M0114746	NGK BP8HS-15	33- 14814568	NGK BPZ8HS-15	.060
15 Sea Pro/Marathon	BEL	9927000 and up	33-8M0114746	NGK BP8HS-15	33- 14814568	NGK BPZ8HS-15	.060
15 Sea Pro XD	BEL	9927000 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
15 (Super 15)	USA	0B238464 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
15 (Super 15)	BEL	9507381 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
15 (Super 15)	CAN	0A730007 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
18 (18, 18XD)	USA	5837437 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
18 (18, 18XD)	AUS	8071973 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
18 (18, 18XD)	BEL	9308306 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
20 (200)		1290910 - 1499331	33-813416	NGK B6S	N/A	N/A	.025
20 (200)		1558310 - 2094830	33-813416	NGK B6S	N/A	N/A	.025
20 (200)		2094831 - 2827676	33-8M0114739	NGK B7HS	N/A	N/A	.030
20 (20, 200)	USA	2827677 - 6443972	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
20 (20, 200)	AUS	8006265 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
20 (20, 200)	BEL	9016254 - 9415100	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
20 (20, 200)	CAN	7012358 - 7209532	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
20 (20, 20XD)	USA	6443973 - 0T800749	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
20 (20, 20XD)	BEL	9415101 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
20 (20, 20XD)	CAN	7209533 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
20 JET	USA	5705532 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
20 JET	AUS	8073158 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
20 JET	BEL	9315316 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
20 JET	CAN	7166928 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
25 (250)		1290910 - 1499331	33-813416	NGK B6S	N/A	N/A	.025

Model		Serial # Range	Standard Spark Plug Mercury Part Number	Standard Spark Plug Manufacturer's No.	Suppressor(resistor) Spark Plug Mecury No.	Suppressor(resistor) Spark Plug Manufacturer's No.	Gap
25 (25, 25XD, 20 JET)	USA	5705532 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
25 (25, 25XD, 20 JET)	AUS	8073158 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
25 (25, 25XD, 20 JET)	BEL	9315316 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
25 (25, 25XD, 20 JET)	CAN	7166928 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
25 LIGHTNING(3 cyl)	USA	0E268781 and up	33-896323	Champion L82C	33-896329874	Champion RL82C	.035
30 (300)		1271884 - 1960826	33-813416	NGK B6S	N/A	N/A	.025
30 (2 cyl.)644cc	USA	0G053314 - 0T598999	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
30 (2 cyl.)644cc	BEL	9854537 - 0P206999	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
30 (Lightning)430cc	USA	0G575500 and up	33-828942	NGK B7HS-10	33-828942	NGK BR7HS-10	.040
30 JET (4 cylinder)	USA	0C159200 - 0G589999	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
30 JET (4 cylinder)	BEL	9570790 - 9973099	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
30 JET (3 cylinder)	USA	0G590000 - 0T178499	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
30 JET (3 cylinder)	BEL	9973100 - 0P094499	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
35 (350, 35A)		1271884 - 1960826	33-813416	NGK B6S	N/A	N/A	.025
35 (350)		1960827 - 2097831	33-813413	NGK B7S	N/A	N/A	.025
35 (350)		2097832 - 2874703	33-8M0114739	NGK B7HS	N/A	N/A	.030
35	USA	6445653 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
35	BEL	9384476 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
35	CAN	7209608 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
40 (400)		1279685 - 1476509	33-813416	NGK B6S	N/A	N/A	.025
40 (40, 400, 402)	USA	2874704 - 0G053313	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
40 (40, 400, 402)	AUS	8002335 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
40 (40, 400, 402)	BEL	3339688 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
40 (40, 400, 402)	CAN	3340783 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
40 (2 cyl.)	USA	0G053314 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
40 (3 cyl.)	USA	0G531301 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
40 (3 cyl.)	BEL	9973100 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
40 (4 cyl.)	USA	0C159200 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
40 (4 cyl.)	BEL	9570790 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
40 JET	USA	0T178500 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
40 JET	BEL	0P094500 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
45 (450)		1476510 - 1531568	33-813416	NGK B6S	N/A	N/A	.025
45 (4 cyl.)	USA	5531630 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
45 (4 cyl.)	AUS	8063985 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
45 (4 cyl.)	BEL	9248006 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
45 (4 cyl.)	CAN	7143688 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
45 JET	USA	0G760300 - 0T129554	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
45 JET	BEL	0P017000 - 0P094499	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
50 (500)	USA	1421113 - 2097444	33-813416	NGK B6S	N/A	N/A	.025
50 (500)	CAN	1770179 - 2116317	33-813416	NGK B6S	N/A	N/A	.025
50 (500)	USA	2097445 - 4357639	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
50 (500)	AUS	2863739 - 8029514	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
50 (500)	BEL	9001581 - 9107213	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
50 (500)	CAN	2116318 - 7068997	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
50 (50, 500)(4 cyl.)	USA	4357640 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
50 (50, 500)(4 cyl.)	AUS	8030090 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
50 (50, 500)(4 cyl.)	BEL	9107214 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
50 (50, 500)(4 cyl.)	CAN	7068998 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
50 (3 cyl.)	USA	6428681 - 0D000749	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
50 (3 cyl.)	BEL	9385911 - 9683054	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
50 (3 cyl.)	CAN	7208333 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
50 (3 cyl.)	USA	0D000750 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
50 (3 cyl.)	BEL	9683055 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
55 (3 cyl.)	USA	0D000750 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
55 (3 cyl.)	BEL	9741042 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040

Model		Serial # Range	Standard Spark Plug Mercury Part Number	Standard Spark Plug Manufacturer's No.	Suppressor(resistor) Spark Plug Mecury No.	Suppressor(resistor) Spark Plug Manufacturer's No.	Gap
60 (600)		1303411 - 1542744	33-813416	NGK B6S	N/A	N/A	.025
60 (3 cyl.)	USA	6428681 - 0D000749	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
60 (3 cyl.)	BEL	9385911 - 9683054	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
60 (3 cyl.)	CAN	7208333 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
60 (3 cyl.)	USA	0D000750 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
60 (3 cyl.)	BEL	9683055 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
65 (650)(4 cyl.)		1542745 - 2119748	33-813413	NGK B7S	N/A	N/A	.025
65 (650S)(4 cyl.)		2119749 - 2309310	33-8M0114739	NGK B7HS	N/A	N/A	.030
65 (650SS)(4 cyl.)		2119749 - 2309310	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
65 (650)(3 cyl.)	USA	3293184 - 4571651	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
65 (650)(3 cyl.)	AUS	8006640 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
65 (650)(3 cyl.)	BEL	9020074 - 9135824	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
65 (650)(3 cyl.)	CAN	7013633 - 7087822	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
65 JET	USA	0D283222 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
65 JET	BEL	9793577 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
70 (700)		1296411 - 1566239	33-813416	NGK B6S	N/A	N/A	.025
70 (3 cyl.)	USA	4571652 - 6428680	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
70 (3 cyl.)	AUS	8042350 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
70 (3 cyl.)	BEL	9135825 - 9385910	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
70 (3 cyl.)	CAN	7087823 - 7208332	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
70 (3 cyl.)	USA	0A996142 - 0C221999	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
70 (3 cyl.)	BEL	9483121 - 9589038	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
75 (4 cyl.)	USA	6432907 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
75 (4 cyl.)	BEL	9393856 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
75 (4 cyl.)	CAN	7208573 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
75 (3 cyl.)	USA	0C222000 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
75 (3 cyl.)	BEL	9589039 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
75 (3 cyl.)(1.5L Optimax)	USA	0T980000 and up	N/A	N/A	33-8M0176678	NGK IZFR5J	.032
80 (800)(6 cyl.)		1335465 - 1566239	33-813413	NGK B7S	N/A	N/A	.025
80 (800)(4 cyl.)		2559001 - 3493912	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
80 (80, 800)(4 cyl.)	USA	4831999 - 6432900	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
80 (80, 800)(4 cyl.)	AUS	8050200 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
80 (80, 800)(4 cyl.)	BEL	9177626 - 9393855	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
80 (80, 800)(4 cyl.)	CAN	7110998 - 7208572	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
80 (3 cyl.)	USA	0A996142 - 0C221999	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
80 (3 cyl.)	BEL	9483121 - 9589038	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
80 JET	USA	0D283222 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
80 JET	BEL	9793577 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
85 (850)(6 cyl.)		1460999 - 1766823	33-813413	NGK B7S	N/A		.025
85 (850)(4 cyl.)	USA	3493913 - 4831998	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
85 (850)(4 cyl.)	AUS	8005440 - 8050199	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
85 (850)(4 cyl.)	BEL	9011604 - 9177625	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
85 (850)(4 cyl.)	CAN	7010108 - 7110997	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
90 (900)		1766824 - 1869775	33-813413	NGK B7S	N/A	N/A	.025
90 (90, 900)(6 cyl.)	USA	4845301 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
90 (90, 900)(6 cyl.)	AUS	8060545 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
90 (90, 900)(6 cyl.)	CAN	7111698 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
90 (3 cyl.)	USA	0A996142 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
90 (3 cyl.)	BEL	9483121 and up	33- 97182Q	NGK BUHW-2	33- 14103Q	NGK BUZHW-2	
90 (3 cyl.)(1.5L Optimax)	USA	0T801000 and up	N/A	N/A	33-892567Q	NGK IZFR5J	.032
95 (950)		1869776 - 1962186	33-8M0114739	NGK B7HS	N/A	N/A	.030
95 (950)		1962187 - 2318585	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
100 (1000)		1464949 - 2318585	33-813413	NGK B7S	N/A	N/A	.025
100 (1000SS/1000BP)		2318586 - 3253111	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
100 (4 cyl.)	USA	0B209468 - 0G960499	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
100 (4 cyl.)	BEL	9523034 - 0P058999	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040

Model		Serial # Range	Standard Spark Plug Mercury Part Number	Standard Spark Plug Manufacturer's No.	Suppressor(resistor) Spark Plug Mecury No.	Suppressor(resistor) Spark Plug Manufacturer's No.	Gap
110 (1100)		1870204 - 1962661	33-8M0114739	NGK B7HS	N/A	N/A	.030
110 (1100)		1962662 - 2314955	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
115 (115, 1150)(6 cyl.)	USA	2836019 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
115 (115, 1150)(6 cyl.)	AUS	8008665 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
115 (115, 1150)(6 cyl.)	CAN	7010763 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
115 (4 cyl.)	USA	0C100000 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
115 (4 cyl.)	BEL	9559771 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
115 (3 cyl.)(1.5L Optimax)	USA	0T801000 and up	N/A	N/A	33-8M0176678	NGK IZFR5J	.032
115 Pro XS	USA	1B751825 and up	N/A	N/A	33-8M0176678	NGK IZFR5J	.032
125 (1250)(6 cyl.)		2314956 - 3253111	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
125 (4 cyl.)	USA	0D283222 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
125 (4 cyl.)	BEL	9793577 and up	33-816737Q	NGK BP8H-N-10	33- 938	NGK BPZ8H-N-10	.040
135 (1350)(6 cyl.)		2839369 - 3293233	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
140 (140, 1400)(6 cyl.)	USA	3293234 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
140 (140, 1400)(6 cyl.)	AUS	8052650 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
140 (140, 1400)(6 cyl.)	CAN	7112773 and up	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
150 (1500)(6 cyl.)	USA	3502806 - 4865677	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
150 (1500)(6 cyl.)	AUS	8005615 - 8052649	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
150 (1500)(6 cyl.)	CAN	7010533 - 7112772	33-896329827	NGK BUHW	33- 14103550	NGK BUZHW	
V-135	USA	0A904646 and up	33- 13686Q	NGK BU8H	33- 14103568	NGK BUZ8H	
V-135 DFI	USA	0G590000 and up	N/A	N/A	33-8M0176677	NGK IZFR5G	.032
V-150 (150, 1500) Carb	USA	4868998 - 0G960499	33- 13686Q	NGK BU8H	33- 14103568	NGK BUZ8H	
V-150 (150, 1500) Carb	USA	0G960500 and up	N/A	N/A	33- 938	NGK BPZ8HS-10	.040
V-150 EFI	USA	0D082000 - 0G960499	33- 13686Q	NGK BU8H	33- 14103568	NGK BUZ8H	
V-150 EFI	USA	0G960500 and up	N/A	N/A	33- 938	NGK BPZ8HS-10	.040
V-150 (XR2/4/6/Magnum II/III)	USA	4868998 - 0G960499	33- 13686Q	NGK BU8H	33- 14103568	NGK BUZ8H	
V-150 (XR2/4/6/Magnum II/III)	USA	0G960500 and up	N/A	N/A	33- 938	NGK BPZ8HS-10	.040
V-150 DFI	USA	0G590000 and up	N/A	N/A	33-8M0176677	NGK IZFR5G	.032
V-150 ProXS	USA	1B690542 and up	N/A	N/A	33-8M0176678	NGK IZFR6J	.042
V-175 (175, 1750) Carb	USA	4301235 - 0G960499	33- 13686Q	NGK BU8H	33- 14103568	NGK BUZ8H	
V-175 (175, 1750) Carb	AUS	8058870 and up	33- 13686Q	NGK BU8H	33- 14103568	NGK BUZ8H	
V-175 EFI	USA	0D000750 - 0G960499	33- 13686Q	NGK BU8H	33- 14103568	NGK BUZ8H	
V-175 EFI	USA	0G960500 - 0T800999	N/A	N/A	33- 938	NGK BPZ8HS-10	.040
V-175 DFI	USA	0T178500 and up	N/A	N/A	33-8M0176677	NGK IZFR5G	.032
V-175 Pro XS	USA	1B516339 and up	N/A	N/A	33-8M0176678	NGK IZFR6J	.042
V-200 (200, 2000) Carb	USA	4839034 - 0G960499	33- 13686Q	NGK BU8H	33- 14103568	NGK BUZ8H	
V-200 (200, 2000) Carb	AUS	8061595 - 8065672	33- 13686Q	NGK BU8H	33- 14103568	NGK BUZ8H	
V-200 (200, 2000) Carb	USA	0G960500 and up	N/A	N/A	33- 938	NGK BPZ8HS-10	.040
V-200 EFI	USA	0C100861 - 0C291520	N/A	N/A	33- 14103568	NGK BUZ8H	
V-200 EFI	USA	0C291521 - 0G960499	33- 13686Q	NGK BU8H	33- 14103568	NGK BUZ8H	
V-200 EFI (2.5L)	USA	0G960500 and up	N/A	N/A	33- 938	NGK BPZ8HS-10	.040
V-200 EFI (3.0L)	USA	0T750164 and up	N/A	N/A	33- 941	Champion QL77CC	.040
V-200 DFI	USA	0G386496 and up	N/A	N/A	33-8M0176677	NGK IZFR5G	.032
V-200 Pro XS	USA	1B504989 and up	N/A	N/A	33-8M0176677	NGK IZFR5G	.032
V-220 Laser	USA	0B117316 and up	N/A	N/A	33- 14103568	NGK BUZ8H	
V-225 (2.4L)	USA	5628028 and up	33- 13686Q	NGK BU8H	33- 14103568	NGK BUZ8H	
V-225 (3.0L)Carb	USA	0D280813 - 0G437999	N/A	N/A	33- 938	NGK BPZ8H-N-10	.040
V-225 (3.0L)Carb	USA	0G438000 and up	N/A	N/A	33- 941	Champion QL77CC	.035
V-225 Sea Pro & Marathon	USA	0G245605 and up	N/A	N/A	33- 941	Champion QL77CC	.035
V-225 EFI(3.0L)	USA	0G129222 and up	N/A	N/A	33- 941	Champion QL77CC	.035
V-225 DFI	USA	0G590000 and up	N/A	N/A	33-8M0176677	NGK IZFR5G	.032
V-225 DFI (DTS)	USA	0G599000 and up	N/A	N/A	33-8M0176677	NGK IZFR5G	.032
V-225 Pro XS	USA	1B104549 and up	N/A	N/A	33-8M0176678	NGK IZFR6J	.042
V-250 (3.4L)	USA	0C101891 and up	33- 13686Q	NGK BU8H	33- 14103568	NGK BUZ8H	
V-250 EFI (3.0L)	USA	0G129222 and up	N/A	N/A	33- 941	Champion QL77CC	.035
V-250 DFI (3.0L)	USA	1B528615 and up	N/A	N/A	33-8M0176678	NGK IZFR6J	.042

OUTBOARD

Model		Serial # Range	Standard Spark Plug Mercury Part Number	Standard Spark Plug Manufacturer's No.	Suppressor(resistor) Spark Plug Mecury No.	Suppressor(resistor) Spark Plug Manufacturer's No.	Gap
V-250 Pro XS	USA	1B426561 and up	N/A	N/A	33-8M0176678	NGK IZFR6J	.042
V-275 (3.4L)	USA	0C101891 and up	33- 13686Q	NGK BU8H	33- 14103568	NGK BUZ8H	
V-300 (3.4L)	USA	5611648 and up	33- 13686Q	NGK BU8H	33- 14103568	NGK BUZ8H	

SPARK PLUG APPLICATION CHART - EARLY MARINER

Spark Plug Application Chart – Early Mariner

Model	SN Code	Serial # Range	Standard Spark Plug Manufacturer's P/N	Standard Spark Plug Mercury P/N	Suppressor(Resistor) Spark Plug Manufacturer's P/N	Suppressor(Resistor) Spark Plug Mercury P/N	Gap
2A (M)	646	ALL - ALL	B6HS	33-813472	BR6HS	33-813472	.024
2B (M)	6A1	000101 - 011600	B6HS	33-813472	BR6HS	33-813472	.024
2B (M)	6A1	011601 and up	B5HS	33-8M0114737	BR5HS	N/A	.024
3.5 (M)	642	00000 - 23740	B7HS	33-8M0114739	BR7HS	N/A	.024
3.5 (ML)	642	00000 - 41690	B7HS	33-8M0114739	BR7HS	N/A	.024
3.5 (M)	642	23741 and up	B6HS	33-813472	BR6HS	33-813472	.024
3.5 (ML)	642	41691 and up	B6HS	33-813472	BR6HS	33-813472	.024
4A (M, ML)	6E0	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
5A (M, ML)	661	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
5C (M, ML)	6E3	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
6C (M, ML)	6H8	ALL - ALL	B7HS-10	33-828942	BR7HS-10	N/A	.039
6D (M, ML)	6H6	ALL - ALL	B7HS-10	33-828942	BR7HS-10	N/A	.039
8A (M, ML)	655	ALL - ALL	B6HS	33-813472	BR6HS	33-813472	.024
8B (M, ML)	677	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
W8(M, ML)	677	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
8 Marathon	677	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
K8 (M, ML)	680	ALL - ALL	B6HS	33-813472	BR6HS	33-813472	.024
8C (M, ML, MUL)	6G1	ALL - ALL	B7HS-10	33-828942	BR7HS-10	N/A	.039
9.9C (M)	682	000551 - 032885	B7HS	33-8M0114739	BR7HS	N/A	.024
9.9C (ML)	682	300826 - 338410	B7HS	33-8M0114739	BR7HS	N/A	.024
9.9C (E)	682	250101 - 250945	B7HS	33-8M0114739	BR7HS	N/A	.024
9.9C (EL)	682	550141 - 552315	B7HS	33-8M0114739	BR7HS	N/A	.024
9.9C (M)	682	032886 and up	B7HS-10	33-828942	BR7HS-10	N/A	.039
9.9C (ML)	682	338411 and up	B7HS-10	33-828942	BR7HS-10	N/A	.039
9.9C (E)	682	250946 and up	B7HS-10	33-828942	BR7HS-10	N/A	.039
9.9C (EL)	682	552316 and up	B7HS-10	33-828942	BR7HS-10	N/A	.039
15A (M, ML)	651	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
15C (M)	684	000101 - 020025	B7HS	33-8M0114739	BR7HS	N/A	.024
15C (ML)	684	300101 - 316415	B7HS	33-8M0114739	BR7HS	N/A	.024
15C (E)	684	250101 - 251060	B7HS	33-8M0114739	BR7HS	N/A	.024
15C (EL)	684	550101 - 551615	B7HS	33-8M0114739	BR7HS	N/A	.024
15C (M)	684	020026 and up	B7HS-10	33-828942	BR7HS-10	N/A	.039
15C (ML)	684	316416 and up	B7HS-10	33-828942	BR7HS-10	N/A	.039
15C (E)	684	251061 and up	B7HS-10	33-828942	BR7HS-10	N/A	.039
15C (EL)	684	551616 and up	B7HS-10	33-828942	BR7HS-10	N/A	.039
W15	662	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
W15B	684	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
W15(Marathon) (M,ML, MUL)	684	ALL - ALL	B7HS-10	33-828942	BR7HS-10	N/A	.039
K15 (M, ML)	669	ALL - ALL	B6HS	33-813472	BR6HS	33-813472	.024
K15 (M, ML)	6K4	ALL - ALL	B7HS-10	33-828942	BR7HS-10	N/A	.039
K15 (M, ML)	6M7	ALL - ALL	B7HS-10	33-828942	BR7HS-10	N/A	.039
20A (M, ML)	653	ALL - ALL	B6HS	33-813472	BR6HS	33-813472	.024
20C (M, ML, E, EL)	6A9	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024

Model	SN Code	Serial # Range	Standard Spark Plug Manufacturer's P/N	Standard Spark Plug Mercury P/N	Suppressor(Resistor) Spark Plug Manufacturer's P/N	Suppressor(Resistor) Spark Plug Mercury P/N	Gap
25A (M, ML, E, EL)	648	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
25C (M, ML, E, EL)	695	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
W25 (M, ML)	648	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
W25 (M, ML)	695	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
W25 (Marathon)(M, ML)	694	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
K25 (M, ML)	6A4	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
28 (M, ML, E, EL)	664	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
30A (M, ML, E, EL)	689	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
W30 (Marathon)(M, ML)	689	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
40A (M, ML, E, EL)	676	ALL - ALL	B8HS	33-8M0114741	BR8HS	N/A	.024
40B (M, ML, E, EL)	676	ALL - ALL	B8HS	33-8M0114741	BR8HS	N/A	.024
40C (M, ML, E, EL)	6E9	ALL - ALL	B8HS	33-8M0114741	BR8HS	N/A	.024
W40 (M, ML)	676	ALL - ALL	B8HS	33-8M0114741	BR8HS	N/A	.024
W40 (Marathon)(M, ML)	6F6	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
K40 (M, ML)	6F5	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
48 (M, ML)	670	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
W48 (M,ML)	670 A	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
55 (M, ML)	663	ALL - ALL	B8HS	33-8M0114741	BR8HS	N/A	.024
55 (E)	663	00000 - 004040	B8HS	33-8M0114741	BR8HS	N/A	.024
55 (EL)	663	00000 - 315378	B8HS	33-8M0114741	BR8HS	N/A	.024
55 (E)	663	004041 and up	B8HS-10	N/A	BR8HS-10	33-8M0181926	.039
55 (EL)	663	315379 and up	B8HS-10	N/A	BR8HS-10	33-8M0181926	.039
W55 (ML)	663	ALL - ALL	B7HS	33-8M0114739	BR7HS	N/A	.024
60 (E)	675	000101 - 000780	B8HS	33-8M0114741	BR8HS	N/A	.024
60 (EL)	675	300101 - 302050	B8HS	33-8M0114741	BR8HS	N/A	.024
60 (E)	675	000781 and up	B8HS-10	N/A	BR8HS-10	33-8M0181926	.039
60 (EL)	675	302051 and up	B8HS-10	N/A	BR8HS-10	33-8M0181926	.039
60 (E, EL)	6FO	ALL - ALL	B8HS-10	N/A	BR8HS-10	33-8M0181926	.039

HEAVY ABRASION WATER PUMP KIT

HEAVY ABRASION RESISTANT WATER PUMP

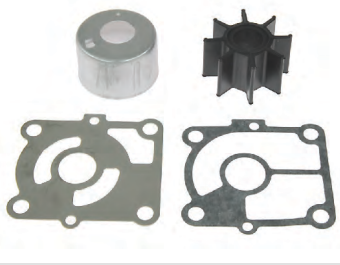


8M0092022

Heavy duty face plate and housing designed to improve life in highly abrasive water conditions.

Fits the F60 BigFoot/Command Thrust FourStroke outboards and the F75-115 FourStroke outboards.

HEAVY ABRASION RESISTANT WATER PUMP



8M0137849

Heavy duty face plate and housing designed to improve life in highly abrasive water conditions.

15/20 EFI FourStroke outboards, 0R833820 and above.

HIGH ENERGY ALTERNATOR KITS

Replace standard stators with optional ones having alternator coils of higher amperage output.

HIGH ENERGY ALTERNATOR KITS



856557A 1

Kit contains alternator and regulator/rectifier to convert from 6 amp output to 10 amp output.

Fits Mercury/Mariner 9.9 hp. FourStroke (USA 0G760300-0T979999, BEL 0P075166-0P325499) and 15 hp., 323cc. FourStroke (USA 0G590000-1B727495).

HIGH ENERGY ALTERNATOR KIT



398-**852387A11**

Kit contains alternator and regulator/rectifier to convert from 6 amp output to 15 amp output.

Fits Mercury/Mariner 25 hp. Carbureted FourStroke (0G590000 and newer), 30 (3 cyl.) FourStroke (MY1999-2005) and 40 (3 cyl.) FourStroke (MY1999 & newer).

HIGH-OUTPUT ALTERNATOR KIT - 115-AMP



8M0176702

The high-output alternator kit is the perfect solution for boaters who need greater battery-charging capacity for heavy-drawing onboard electronics and accessories. Each kit includes an easy-to-install drop-in alternator that raised the output from 85 to 115 amps - also includes is the required cable assembly, which includes a 150-amp fuse and 4-gauge better cable.

3.4L V6 and 4.6L V8 Fourstroke, Pro XS, and SeaPro engines with Conventional Midsections

VOLTAGE REGULATOR KIT

Wires to existing rectifier on electric models with no existing regulator. Designed to regulate voltage to a 14.5 volt maximum output.

VOLTAGE REGULATOR/RECTIFIER KIT

Replaces existing rectifier on electric models and provides DC current regulated to a maximum of 14.5 volts.

VOLTAGE REGULATOR/RECTIFIER KIT



815279A 3

Kit contains regulator/rectifier, wiring and mounting hardware.

Fits Mercury / Mariner 40 (4 cyl. 1989 & newer) and 50/60 (3 cyl. USA 0D000750-0D181999, BEL 9683055-9740999) with enclosed box type electrical plates.

LIGHTING COIL KITS

For manual starting outboards. Supplies A.C. current which requires either a regulator for lighting-only or a rectifier kit for D.C. battery charging.

LIGHTING REGULATORS

For use with lighting coils, these provide regulated A.C. current.

LIGHTING COIL KITS CHART - MERCURY/MARINER

Mercury/Mariner Lighting Coil Kits

Model	Brand	Model Notes	Year Range		Serial # Range	Lighting Coil Kits	Lighting Only Regulators
4	Mercury/Mariner		1990 - 2023	USA	0A855097 and up	16837A 2	NLA(2)
4	Mercury/Mariner		1990 - 2023	BEL	9586000 and up	16837A 2	NLA(2)
4	Mariner	Early Japanese			6E0/6E3 Models and up	N.L.A.	NLA(2)
4 FourStroke	Mercury/Mariner		1999 - 2005	JPN	0R000001 - 0R067089	16837A 2	NLA(2)
4 FourStroke	Mercury/Mariner		1999 - 2005	BEL	0P073456 - 0P400999	16837A 2	NLA(2)
4 FourStroke	Mercury/Mariner		2006 - 2011	JPN	0R067090 - 0R411837	16074T05	N/A
4 FourStroke	Mercury/Mariner		2006 - 2011	BEL	0P401000 - 0R411837	16074T05	N/A
4 FourStroke	Mercury/Mariner		2011	JPN	0R411838 - 0R426996	N/A(1)	NLA(2)
4 FourStroke	Mercury/Mariner		2011 - 2023	JPN	0R426997 and up	8M0056548	NLA(2)
5	Mercury/Mariner		1990 - 2023	USA	0A855097 and up	16837A 2	NLA(2)
5	Mercury/Mariner		1990 - 2023	BEL	9586000 and up	16837A 2	NLA(2)
5	Mariner	Early Japanese			6E0/6E3 Models and up	N.L.A.	NLA(2)
5 FourStroke	Mercury/Mariner		1999 - 2005	JPN	0R000001 - 0R067089	16837A 2	NLA(2)
5 FourStroke	Mercury/Mariner		1999 - 2005	BEL	0P073456 - 0P400999	16837A 2	NLA(2)
5 FourStroke	Mercury/Mariner		2006 - 2011	JPN	0R067090 - 0R411837	16074T05	N/A
5 FourStroke	Mercury/Mariner		2006 - 2011	BEL	0P401000 - 0R411837	16074T05	N/A
5 FourStroke	Mercury/Mariner		2011	JPN	0R411838 - 0R426996	N/A(1)	NLA(2)
5 FourStroke	Mercury/Marine	Sailpower	2011 - 2023	JPN	0R426997 and up	N/A(1)	NLA(2)
		Non-EPA				N/A(1)	NLA(2)
		EPA Models				8M0056548	NLA(2)
6	Mercury/Mariner		1986 - 2003	USA	0A197112 - 0T800749	42282A 4	95845A 5
6	Mercury/Mariner		1986 - 2023	BEL	9461526 and up	42282A 4	95845A 5
6 FourStroke	Mercury/Mariner		1999 - 2005	JPN	0R000001 - 0R067089	16837A 2	NLA(2)
6 FourStroke	Mercury/Mariner		1999 - 2005	BEL	0P073456 - 0O400999	16837A 2	NLA(2)
6 FourStroke	Mercury/Mariner		2006 - 2011	JPN	0R067090 - 0R411837	16074T05	N/A
6 FourStroke	Mercury/Mariner		2006 - 2011	BEL	0P401000 - 0R411837	16074T05	N/A
6 FourStroke	Mercury/Mariner		2011	JPN	0R411838 - 0R426996	N/A(1)	NLA(2)
6 FourStroke	Mercury/Mariner		2011 - 2023	JPN	0R426997 and up	8M0056548	NLA(2)
8	Mercury/Mariner		1986 - 2023	USA	0A197112 and up	42282A 4	95845A 5
8	Mercury/Mariner		1986 - 2023	BEL	9461526 and up	42282A 4	95845A 5
8 FourStroke	Mercury/Mariner	232 cc. Bodensee	1995 - 1998	USA	0H000058 - 0H017099	N/A	NLA(2)
8 FourStroke	Mercury/Mariner	232 cc. Bodensee	1999 - 2000	USA	0G760300 - 0T178499	N/A(1)	NLA(2)
8 FourStroke	Mercury/Mariner	323 cc. Bodensee	2001 - 2004	BEL	0P086824 - 0P325499	N/A(1)	NLA(2)
8 FourStroke	Mercury/Mariner		2005 - 2023	USA	0R042475 and up	(3)	(3)
8 FourStroke	Mercury/Mariner		2005 - 2023	BEL	0P325500 and up	(3)	(3)
9.9	Mercury/Mariner		1986 - 2023	USA	0A197112 and up	42282A 4	95845A 5
9.9	Mercury/Mariner		1986 - 2023	BEL	9461526 and up	42282A 4	95845A 5
9.9 FourStroke	Mercury/Mariner	232 cc.	1995 - 1998	USA	0H000058 - 0H016909	N/A(1)	NLA(2)
9.9 FourStroke	Mercury/Mariner	323 cc.	1999 - 2004	USA	0T979999 and up	N/A(1)	NLA(2)
9.9 FourStroke	Mercury/Mariner	323 cc.	1999 - 2004	BEL	0P325499 and up	N/A(1)	NLA(2)
9.9 FourStroke	Mercury/Mariner		2005 - 2023	JPN	0R042475 and up	(3)	(3)
9.9 FourStroke	Mercury/Mariner		2005 - 2023	BEL	0P325500 and up	(3)	(3)
15	Mercury/Mariner		1986 - 2023	JPN	0A197112 and up	42282A 4	95845A 5
15	Mercury/Mariner		1986 - 2023	BEL	9461526 and up	42282A 4	95845A 5
15	Mariner	Early Japanese	Prior to - 1988			N.L.A.	NLA(2)
15 FourStroke	Mercury/Mariner	323 cc.	1998 - 2008	USA	0G590000 and up	N/A(1)	NLA(2)
15 FourStroke	Mercury/Mariner	323 cc.	1998 - 2008	BEL	9973100 and up	N/A(1)	NLA(2)
15 FourStroke	Mercur/Mariner	351 cc.	2008 - 2023	JPN	0R235949 - 0R833819	N/A(1)	N/A(3)

Model	Brand	Model Notes	Year Range		Serial # Range	Lighting Coil Kits	Lighting Only Regulators
18	Mercury/Mariner		1980 - 1985	USA	5837437 and up	42282A 4	95845A 5
18	Mercury/Mariner		1980 - 1983	AUS	8071973 and up	42282A 4	95845A 5
18	Mercury/Mariner		1980 - 1985	BEL	9308306 and up	42282A 4	95845A 5
18	Mercury/Mariner		1980 - 1985	CAN	7173723 and up	42282A 4	95845A 5
20	Mercury/Mariner		1986 - 2003	USA	6443973 - 0T800749	42282A 4	95845A 5
20	Mercury/Mariner		1986 - 2023	BEL	9415101 and up	42282A 4	95845A 5
20	Mercury/Mariner		1986 - 2003	CAN	7209533 and up	42282A 4	95845A 5
20 FourStroke	Mercury/Mariner		2008 - 2023	JPN	0R235168 - 0R833819	N/A(1)	N/A(3)
25	Mercury/Mariner		1980 - 2023	USA	5837437 and up	42282A 4	95845A 5
25	Mercury/Mariner		1980 - 2023	AUS	8071973 and up	42282A 4	95845A 5
25	Mercury/Mariner		1980 - 2023	BEL	9308306 and up	42282A 4	95845A 5
25	Mercury/Mariner		1980 - 2023	CAN	7173723 and up	42282A 4	95845A 5
25 FourStroke	Mercury/Mariner	Carb model only	1998 - 2006	USA	0G590000 and up	(3)	(3)
25 FourStroke	Mercury/Mariner	Carb model only	1998 - 2006	BEL	9973100 and up	(3)	(3)
30	Mariner	2 cylinder, Early Japanese				N.L.A.	NLA(2)
30	Mercury/Mariner	2 cylinder, 644 cc.	1994 - 2002	USA	0G053314 - 0T598999	N/A(1)	95845A 5
30	Mercury/Mariner	2 cylinder, 644 cc.	1994 - 2002	BEL	9854537 - 0P206999	N/A(1)	95845A 5
35	Mercury/Mariner	2 cylinder	1984 - 2023	USA	6445653 and up	42282A 4	95845A 5
35	Mercury/Mariner	2 cylinder	1984 - 2023	BEL	9384476 and up	42282A 4	95845A 5
35	Mercury/Mariner	2 cylinder	1984 - 2023	CAN	7209608 and up	42282A 4	95845A 5
40	Mariner	2 cylinder, Early Japanese				N.L.A.	NLA(2)
40	Mercury/Mariner	2 cylinder	1980 - 1984	USA	5823918 - 0G053313	42282A 4	95845A 5
40	Mercury/Mariner	2 cylinder	1980 - 1984	AUS	8070640 and up	42282A 4	95845A 5
40	Mercury/Mariner	2 cylinder	1980 - 1984	BEL	9298955 - 9854536	42282A 4	95845A 5
40	Mercury/Mariner	2 cylinder	1980 - 1984	CAN	7169338 and up	42282A 4	95845A 5
40	Mercury/Mariner	2 cylinder, 644 cc.	1994 - 2003	USA	0G053314 - 0T800749	N/A(1)	95845A 5
40	Mercury/Mariner	2 cylinder, 644 cc.	1994 - 2003	BEL	9854537 - 0P267999	N/A(1)	95845A 5
40	Mercury/Mariner	3 cylinder	1997 - 2023	USA	0G531301 and up	N/A(1)	95845A 5
40	Mercury/Mariner	3 cylinder	1997 - 2023	BEL	9973100 and up	N/A(1)	95845A 5
40	Mercury/Mariner	4 cylinder	1989 - 1997	USA	0C159200 and up	N.L.A.	95845A 5
40	Mercury/Mariner	4 cylinder	1989 - 1997	BEL	9570790 and up	N.L.A.	95845A 5
45	Mercury/Mariner	4 cylinder	1986 - 1989	USA	0A914859 and up	N.L.A.	95845A 5
45	Mercury/Mariner	4 cylinder	1986 - 1989	AUS	8063985 and up	N.L.A.	95845A 5
45	Mercury/Mariner	4 cylinder	1986 - 1989	BEL	9248006 and up	N.L.A.	95845A 5
45	Mercury/Mariner	4 cylinder	1986 - 1989	CAN	0A709616 and up	N.L.A.	95845A 5
50	Mercury/Mariner	4 cylinder	1980 - 1985	USA	5531630 - 0A914858	N.L.A.	95845A 5
50	Mercury/Mariner	4 cylinder	1980 - 1985	AUS	8063985 - 8063984	N.L.A.	95845A 5
50	Mercury/Mariner	4 cylinder	1980 - 1985	BEL	9248006 - 9248005	N.L.A.	95845A 5
50	Mercury/Mariner	4 cylinder	1980 - 1985	CAN	7143688 - 0A709615	N.L.A.	95845A 5
55	Mercury/Mariner	51.8 CID	1996 - 1997	USA	0D000750 - 0G589999	N/A(1)	95845A 5
55	Mercury/Mariner	51.8 CID	1996 - 1997	BEL	9741042 - 9973099	N/A(1)	95845A 5
55	Mercury/Mariner	59 CID	1998 - 2023	USA	0G590000 and up	N/A(1)	95845A 5
55	Mercury/Mariner	59 CID	1998 - 2023	BEL	9973100 and up	N/A(1)	95845A 5
60	Mercury/Mariner	59 CID	1998 - 2023	USA	0G590000 and up	N/A(1)	95845A 5
60	Mercury/Mariner	59 CID	1998 - 2023	BEL	9973100 and up	N/A(1)	95845A 5

(1) Lighting coils are already a part of the stator assembly and not required as a separate kit.

(2) Harness 84-17175 required to complete assembly.

(3) No kit available for this model.

BATTERY CHARGING KIT

For use with lighting coils, these provide D.C. current for recharging a 12 volt battery.

BATTERY CHARGING KIT



16838A 4

Kit contains voltage rectifier, wiring and mounting hardware.

Fits Mercury/Mariner 4/5 hp. 2 cycle and FourStroke outboards. See chart for specific engine models.

BATTERY CHARGING KIT



62351A10

Kit contains voltage rectifier, wiring and mounting hardware.

Fits various Mercury/Mariner 6 hp. thru 60 hp. 2 cycle outboards. See application chart for specific engine models.

BATTERY CHARGING KIT



828038A 1

Kit contains voltage rectifier, wiring and mounting hardware.

Fits Mercury/Mariner 9.9 hp. FourStroke, 1995 - 1998, and 8 hp. FourStroke (Bodensee) engines 1995-2000.

BATTERY CHARGING KIT



895299A02

A kit designed to provide 6 amp battery charging capability at wide open throttle to a manual start outboard.

Fits the 8/9.9 hp. FourStroke, Model Year 2005 and newer, both standard and BigFoot models.

BATTERY CHARGING KIT



895299A03

Allows manual start models to provide a 12 amp charge to a 12 volt battery at wide open throttle.

Fits the 15/20 Hp. FourStroke (351cc) outboard, serial number 0R235168 - 0R833819.

BATTERY CHARGING KIT



898103A90

Allows manual start models to charge 15 amps to a 12 volt battery at wide open throttle.

Fits the 25-30 Hp EFI FourStroke outboard, serial number 0R106999 & above.

BATTERY CHARGING KIT



8M0056549

Kit contains volatge rectifier, wiring and mounting hardware. Used for providing a 4 amp DC charge to a 12 volt battery at wide open throttle.

Fits Mercury/Mariner 4/5/6hp. FourStroke outboards beginning with serial number 0R411838. Some models may require lighting coils be added. See application chart for specific models.

BATTERY CHARGING KIT



8M0137842

Kit contains voltage rectifier and mounting hardware.
15/20 EFI FourStroke outboard, 0R833820 and above.

HARNESS ASSEMBLY

Used to complete a battery charging kit application.

BATTERY CHARGING KITS CHART - MERCURY/MARINER

Mercury/Mariner Battery Charging Kits

Model	Brand	Model Notes	Year Range	Country	Serial # Range	Lighting Coil Kits	Charging Rectifier Kits	Extra Required Harness
4	Mercury/Mariner		1990 - 2023	USA	0A855097 and up	16837A 2	16838A 4	N/A
4	Mercury/Mariner		1990 - 2023	BEL	9586000 and up	16837A 2	16838A 4	N/A
4	Mariner	Early Japanese			6E0/6E3 Models and up	N.L.A.	83-8M0060278	N/A
4 FourStroke	Mercury/Mariner		1999 - 2005	JPN	0R000001 - 0R067089	16837A 2	16838A 4	N/A
4 FourStroke	Mercury/Mariner		1999 - 2005	BEL	0P073456 - 0P400999	16837A 2	16838A 4	N/A
4 FourStroke	Mercury/Mariner		2006 - 2011	JPN	0R067090 - 0R411837	16074T05	16838A 4	N/A
4 FourStroke	Mercury/Mariner		2006 - 2011	BEL	0P401000 - 0R411837	16074T05	16838A 4	N/A
4 FourStroke	Mercury/Mariner		2011	JPN	0R411838 - 0R426996	N/A(1)	8M0056549	N/A
4 FourStroke	Mercury/Mariner		2011 - 2023	JPN	0R426997 and up	8M0056548	8M0056549	N/A
5	Mercury/Mariner		1990 - 2023	USA	0A855097 and up	16837A 2	16838A 4	N/A
5	Mercury/Mariner		1990 - 2023	BEL	9586000 and up	16837A 2	16838A 4	N/A
5	Mariner	Early Japanese			6E0/6E3 Models and up	N.L.A.	83-8M0060278	N/A
5 FourStroke	Mercury/Mariner		1999 - 2005	JPN	0R000001 - 0R067089	16837A 2	16838A 4	N/A
5 FourStroke	Mercury/Mariner		1999 - 2005	BEL	0P073456 - 0P400999	16837A 2	16838A 4	N/A
5 FourStroke	Mercury/Mariner		2006 - 2011	JPN	0R067090 - 0R411837	16074T05	16838A 4	N/A
5 FourStroke	Mercury/Mariner		2006 - 2011	BEL	0P401000 - 0R411837	16074T05	16838A 4	N/A
5 FourStroke	Mercury/Mariner		2011	JPN	0R411838 - 0R426996	N/A(1)	8M0056549	N/A
5 FourStroke	Mercury/Mariner	Sailpower	2011 - 2023	JPN	0R426997 and up	N/A(1)	8M0056549	N/A
		ML model, non-EPA				N/A(1)	8M0056549	N/A
		EPA and all other models				8M0056548	8M0056549	N/A
6	Mercury/Mariner		1986 - 2003	USA	0A197112 - 0T800749	42282A 4	62351A10	N/A
6	Mercury/Mariner		1986 - 2023	BEL	9461526 and up	42282A 4	62351A10	N/A
6 FourStroke	Mercury/Mariner		1999 - 2005	JPN	0R000001 - 0R067089	16837A 2	16838A 4	N/A
6 FourStroke	Mercury/Mariner		1999 - 2005	BEL	0P073456 - 0P400999	16837A 2	16838A 4	N/A
6 FourStroke	Mercury/Mariner		2006 - 2011	JPN	0R067090 - 0R411837	16074T05	16838A 4	N/A
6 FourStroke	Mercury/Mariner		2006 - 2011	BEL	0P401000 - 0R411837	16074T05	16838A 4	N/A
6 FourStroke	Mercury/Mariner		2011	JPN	0R411838 - 0R426996	N/A(1)	8M0056549	N/A
6 FourStroke	Mercury/Mariner		2011 - 2023	JPN	0R426997 and up	8M0056548	8M0056549	N/A
8	Mercury/Mariner		1986 - 2023	USA	0A197112 and up	42282A 4	62351A10	N/A
8	Mercury/Mariner		1986 - 2023	BEL	9461526 and up	42282A 4	62351A10	N/A
8 FourStroke	Mercury/Mariner	232 cc. Bodensee	1995 - 1998	USA	0H000058 - 0H017099	N/A	828038A 1	N/A
8 FourStroke	Mercury/Mariner	232 cc. Bodensee	1999 - 2000	USA	0G760300 - 0T178499	N/A(1)	828038A 1	N/A
8 FourStroke	Mercury/Mariner	323 cc. Bodensee	2001 - 2004	BEL	0P086824 - 0P325499	N/A(1)	N/A(2)	856558A 2
8 FourStroke	Mercury/Mariner	209 cc.	2005 - 2023	JPN	0R042575 and up	N/A(4)	895299A02	N/A
8 FourStroke	Mercury/Mariner		2005 - 2023	BEL	0P325500 and up	N/A(4)	895299A02	N/A

Model	Brand	Model Notes	Year Range	Country	Serial # Range	Lighting Coil Kits	Charging Rectifier Kits	Extra Required Harness
9.9	Mercury/Mariner		1986 - 2023	USA	0A197112 and up	42282A 4	62351A10	N/A
9.9	Mercury/Mariner		1986 - 2023	BEL	9461526 and up	42282A 4	62351A10	N/A
9.9 FourStroke	Mercury/Mariner	232 cc.	1995 - 1998	USA	0H000058 - 0H016909	N/A(1)	828038A 1	N/A
9.9 FourStroke	Mercury/Mariner	323 cc.	1999 - 2004	USA	0G760300 - 0T979999	N/A(1)	N/A(2)	856558A 2
9.9 FourStroke	Mercury/Mariner	323 cc.	1999 - 2004	BEL	0P075166 - 0P325499	N/A(1)	N/A(2)	856558A 2
9.9 FourStroke	Mercury/Mariner	209 cc.	2005 - 2023	JPN	0R042475 and up	N/A(4)	895299A02	N/A
9.9 FourStroke	Mercury/Mariner		2005 - 2023	BEL	0P325500 and up	N/A(4)	895299A02	N/A
15	Mercury/Mariner		1986 - 2023	USA	0A197112 and up	42282A 4	62351A10	N/A
15	Mercury/Mariner		1986 - 2023	BEL	9461526 and up	42282A 4	62351A10	N/A
15	Mariner	Early Japanese	Prior to - 1988			N.L.A.	NLA	84- 86939A 2
15 FourStroke	Mercury/Mariner	323 cc.	1998 - 2008	USA	0G590000 and up	N/A(1)	N/A(2)	856558A 2
15 FourStroke	Mercury/Mariner		1998 - 2008	BEL	9973100 and up	N/A(1)	N/A(2)	856558A 2
15 FourStroke	Mercury/Mariner		2008 - 2018	JPN	0R235949 - 0R833819	N/A	895299A03	N/A
15 EFI FourStroke	Mercury/Mariner		2018 - 2023	JPN	0R833820 - and up	N/A	8M0137842	N/A
18	Mercury/Mariner		1980 - 1985	USA	5837437 and up	42282A 4	62351A10	N/A
18	Mercury/Mariner		1980 - 1983	AUS	8071973 and up	42282A 4	62351A10	N/A
18	Mercury/Mariner		1980 - 1985	BEL	9308306 and up	42282A 4	62351A10	N/A
18	Mercury/Mariner		1980 - 1985	CAN	7173723 and up	42282A 4	62351A10	N/A
20	Mercury/Mariner		1986 - 2003	USA	6443973 - 0T800749	42282A 4	62351A10	N/A
20	Mercury/Mariner		1986 - 2023	BEL	9415101 and up	42282A 4	62351A10	N/A
20	Mercury/Mariner		1986 - 2003	CAN	7209533 and up	42282A 4	62351A10	N/A
20 FourStroke	Mercury/Mariner		2008 - 2018	JPN	0R235168 - 0R833819	N/A	895299A03	N/A
20 EFI FourStroke	Mercury/Mariner		2018 - 2023	JPN	0R833820 - and up	N/A	8M0137842	N/A
25	Mercury/Mariner		1980 - 2023	USA	5837437 and up	42282A 4	62351A10	N/A
25	Mercury/Mariner		1980 - 2023	AUS	8071973 and up	42282A 4	62351A10	N/A
25	Mercury/Mariner		1980 - 2023	BEL	9308306 and up	42282A 4	62351A10	N/A
25	Mercury/Mariner		1980 - 2023	CAN	7173723 and up	42282A 4	62351A10	N/A
25 FourStroke	Mercury/Mariner	Carb models	1998 - 2006	USA	0G590000 and up	(3)	(3)	N/A
25 FourStroke	Mercury/Mariner	Carn models	1998 - 2006	BEL	9973100 and up	(3)	(3)	N/A
25 FourStroke	Mercury/Mariner	EFI models	2006 - 2023	JPN	0R106999 and up	(4)	898103A90	N/A
25 FourStroke	Mercury/Mariner	EFI models	2006 - 2023	BEL	0P401000 and up	(4)	898103A90	N/A
30	Mariner	2 cylinder, Early Japanese				N.L.A.	NLA	84- 86939A 2
30	Mercury/Mariner	2 cylinder, 644 cc.	1994 - 2002	USA	0G053314 - 0T598999	N/A(1)	62351A10	N/A
30	Mercury/Mariner	2 cylinder, 644 cc.	1994 - 2002	BEL	9854537 - 0P206999	N/A(1)	62351A10	N/A
30 FourStroke	Mercury/Mariner	EFI models	2006 - 2023	JPN	0R106999 and up	(4)	898103A90	N/A
30 FourStroke	Mercury/Mariner	EFI models	2006 - 2023	BEL	0P401000 and up	(4)	898103A90	N/A
35	Mercury/Mariner	2 cylinder	1984 - 2023	USA	6445653 and up	42282A 4	62351A10	N/A
35	Mercury/Mariner	2 cylinder	1984 - 2023	BEL	9384476 and up	42282A 4	62351A10	N/A
35	Mercury/Mariner	2 cylinder	1984 - 2023	CAN	7209608 and up	42282A 4	62351A10	N/A
40	Mariner	2 cylinder, Early Japanese				N.L.A.	NLA	84- 86939A 2
40	Mercury/Mariner	2 cylinder	1980 - 1984	USA	5823918 - 0G053313	42282A 4	62351A10	N/A
40	Mercury/Mariner	2 cylinder	1980 - 1984	AUS	8070640 and up	42282A 4	62351A10	N/A
40	Mercury/Mariner	2 cylinder	1980 - 1984	BEL	9298955 - 9854536	42282A 4	62351A10	N/A
40	Mercury/Mariner	2 cylinder	1980 - 1984	CAN	7169338 and up	42282A 4	62351A10	N/A
40	Mercury/Mariner	2 cylinder, 644 cc.	1994 - 2003	USA	0G053314 - 0T800749	N/A(1)	62351A10	N/A
40	Mercury/Mariner	2 cylinder, 644 cc.	1994 - 2003	BEL	9854537 - 0P267999	N/A(1)	62351A10	N/A
40	Mercury/Mariner	3 cylinder	1997 - 2023	USA	0G531301 and up	N/A(1)	62351A10	N/A
40	Mercury/Mariner	3 cylinder	1997 - 2023	BEL	9973100 and up	N/A(1)	62351A10	N/A
40	Mercury/Mariner	4 cylinder	1989 - 1997	USA	0C159200 and up	N.L.A.	62351A10	N/A
40	Mercury/Mariner	4 cylinder	1989 - 1997	BEL	9570790 and up	N.L.A.	62351A10	N/A
45	Mercury/Mariner	4 cylinder	1986 - 1989	USA	0A914859 and up	N.L.A.	62351A10	N/A
45	Mercury/Mariner	4 cylinder	1986 - 1989	AUS	8063985 and up	N.L.A.	62351A10	N/A
45	Mercury/Mariner	4 cylinder	1986 - 1989	BEL	9248006 and up	N.L.A.	62351A10	N/A
45	Mercury/Mariner	4 cylinder	1986 - 1989	CAN	0A709616 and up	N.L.A.	62351A10	N/A

OUTBOARD

Model	Brand	Model Notes	Year Range	Country	Serial # Range	Lighting Coil Kits	Charging Rectifier Kits	Extra Required Harness
50	Mercury/Mariner	4 cylinder	1980 - 1985	USA	5531630 - 0A914858	N.L.A.	62351A10	N/A
50	Mercury/Mariner	4 cylinder	1980 - 1985	AUS	8063985 - 8063984	N.L.A.	62351A10	N/A
50	Mercury/Mariner	4 cylinder	1980 - 1985	BEL	9248006 - 9248005	N.L.A.	62351A10	N/A
50	Mercury/Mariner	4 cylinder	1980 - 1985	CAN	7143688 - 0A709615	N.L.A.	62351A10	N/A
55	Mercury/Mariner	51.8 CID	1996 - 1997	USA	0D000750 - 0G589999	N/A(1)	62351A10	N/A
55	Mercury/Mariner	51.8 CID	1996 - 1997	BEL	9741042 - 9973099	N/A(1)	62351A10	N/A
55	Mercury/Mariner	59 CID	1998 - 2023	USA	0G590000 and up	N/A(1)	62351A10	N/A
55	Mercury/Mariner	59 CID	1998 - 2023	BEL	9973100 and up	N/A(1)	62351A10	N/A
60	Mercury/Mariner	59 CID	1998 - 2023	USA	0G590000 and up	N/A(1)	62351A10	N/A
60	Mercury/Mariner	59 CID	1998 - 2023	BEL	9973100 and up	N/A(1)	62351A10	N/A

(1) Lighting coils are already a part of the stator assembly and not required as a separate kit.

(2) Charging rectifier already present on outboard and not required to be added.

(3) Kits are not available for this model.

(4) Lighting coils are included in the battery charging kit.

POWER TRIM KIT

These kits are designed to add power trim to motors not equipped with power trim at time of manufacture. Remote operation of any power trim requires the use of a power trim control panel or a trim type remote control if not already so equipped.

POWER TRIM KIT



8M0055001

Single ram integral trim with cowl mounted trim switch.

Fits various Mercury/Mariner 30 thru 50 hp. 4-Stroke and 55/60 (3 cyl,) 2 cycle outboards. See application chart for specific engine models.

POWER TRIM KIT



8M0055003

Single ram integral trim with cowl mounted trim switch.

Fits Mercury/Mariner 40 hp. (3 cyl.) FourStroke EFI outboards beginning with Model Year 2006. See application chart for specific engine models.

POWER TRIM KIT



8M0055008

Single ram integral trim with cowl mounted trim switch.

Fits Mercury/Mariner 40 hp. (3 cyl.) 4-Stroke Bigfoot, 40 hp. (4 cyl., 996 cc.) 4-Stroke Bigfoot, 50/60 hp. (4 cyl., 996 cc.) 4-Stroke, and 60 (3 cyl.) 2 cycle Bigfoot outboards. See application chart for specific engine models.

POWER TRIM KIT



855654A 6

Single ram integral trim with cowl mounted trim switch.

Fits Mercury/Mariner 30/40 hp. (3 cyl.) 4-Stroke outboards with Bigfoot gearcase beginning with serial number 0T294065-1B226999. See application chart for specific engine models.

POWER TRIM KIT

Image not Available.

8M0168223

Three ram integral power trim.

Fits Mercury/Mariner 70/75/80/90 hp. (3 cyl.) 2 cycle outboards, 1987 thru 1997 1/2 and 75 hp. (4 cyl.) 2 cycle, 1984 thru 1987. See application chart for specific engine models.

POWER TRIM & TILT KIT



8M0171817

Fits Force 90/120 hp. outboards (USA 0E093700-0E173408).

POWER TRIM SWITCH KIT

Operates the power trim kit added to an electric model.

POWER TRIM SWITCH KIT



87- **14645A 4**

Toggle switch style. Tiller handle mounted.

Fits Mercury/Mariner 40 JET and 50/60 HP outboards and operates the power trim kit added to a base ELHO model engine. See Tiller application chart for specific engine models.

POWER TRIM SWITCH KIT



87- **18286A18**

Rocker style switch with 10 ft. harness and bullet connectors. Can be surface mounted or flush mounted. Provides tilt control from the bow or transom location.

Fits Mercury/Mariner models equipped with integral trim pump.

POWER TRIM SWITCH KIT



87-**8M0042301**

Rocker switch style with bullet connectors. Cowl mounted. Connects directly to engine harness.

Fits Force 30-125 hp. Outboards.

REMOTE MOUNTED POWER TRIM ACCESSORIES

These accessories can be used with applications requiring the installation of the remote mounted style power trim pump.

POWER TRIM PUMP MOUNTING BRACKET



862548A 1

Allows mounting to floor or transom. Includes lag bolts and washers.

Fits various Mercury / Mariner applications requiring a remote style power trim pump.

POWER TRIM CHART - MERCURY/MARINER FOURSTROKE

THESE ARE NOT REPLACEMENT POWER TRIMS. These kits are add-on power trim kits designed for addition to outboard engines that were not furnished a power trim at time of manufacture.

FourStroke Outboard Power Trim Kit Chart

Model	Model Notes	Year Range	Country	Serial # Range	Power Trim Kit Part Number	Port Mount Analog Trim Sender	Starboard Mount Analog Trim Sender
8 FourStroke	232 cc.	1995 - 1998	USA	0H000058 - 0H017349		N/A	N/A
8 FourStroke	232 cc.	1999 - 2000	USA	0G760300 - 0T178499		N/A	N/A
8 FourStroke	323 cc.	2001 - 2004	BEL	0P086824 - 0P325499	NLA	N/A	N/A
8 FourStroke	209 cc.	2005 - 2023	JPN	0R042475 and up		N/A	N/A
8 FourStroke	209 cc.	2005 - 2023	BEL	0P325500 and up		N/A	N/A
9.9 FourStroke	232 cc.	1995 - 1998	USA	0H000058 - 0H016909		N/A	N/A
9.9 FourStroke	323 cc. w/Standard Gearcase	1999 - 2004	USA	0G760300 - 0T979999	NLA	N/A	N/A
9.9 FourStroke	323 cc. w/Standard Gearcase	1999 - 2004	BEL	0P075166 - 0P325499	NLA	N/A	N/A
9.9 FourStroke	323 cc. w/BigFoot Gearcase	1999 - 2004	USA	0G760300 - 0T979999	NLA	N/A	N/A
9.9 FourStroke	323 cc. w/BigFoot Gearcase	1999 - 2004	BEL	0P075166 - 0P325499	NLA	N/A	N/A
9.9 FourStroke	Standard Gearcase	2005 - 2023	JPN	0R042475 and up		N/A	N/A
9.9 FourStroke	Standard Gearcase	2005 - 2023	BEL	0P325500 and up		N/A	N/A
9.9 FourStroke	BigFoot (Manual Models)	2005 - 2023	JPN	0R052328 and up	N/A	N/A	N/A
9.9 FourStroke	BigFoot (Manual Models)	2005 - 2023	BEL	0P325500 and up	N/A	N/A	N/A
9.9 FourStroke	BigFoot (Electric Models)	2005 - 2023	JPN	0R052328 and up	N/A(3)	N/A	N/A
9.9 FourStroke	BigFoot (Electric Models)	2005 - 2023	BEL	0P325500 and up	N/A(3)	N/A	N/A
15 FourStroke	323 cc. w/Standard Gearcase	1998 - 2008	USA	0G590000 and up	NLA	N/A	N/A
15 FourStroke	323 cc. w/BigFoot Gearcase	1998 - 2008	USA	0G590000 and up	NLA	N/A	N/A
15 FourStroke	351 cc.	2008 - 2023	JPN	0R235949 - 0R833819	N/A(2)	N/A	N/A
20 FourStroke	351 cc.	2008 - 2023	JPN	0R235168 - 0R833819	N/A(2)	N/A	N/A
25 FourStroke	Carb Model w/Standard Gearcase	1998 - 2006	USA	0G590000 and up	822344A13	822573A12	N/A
25 FourStroke	Carb Model w/Standard Gearcase	1998 - 2006	BEL	9973100 and up	822344A13	822573A12	N/A
25 FourStroke	BigFoot Gearcase	1998 - 2005	USA	0G590000 - 1B226999	822344A13	822573A12	N/A
25 FourStroke	BigFoot Gearcase	1998 - 2005	BEL	9973100 - 0P400999	822344A13	822573A12	N/A
25 FourStroke	EFI Models	2006 - 2023	JPN	0R106999 and up	N/A(2)	822573A12	N/A
25 FourStroke	EFI Models	2006 - 2023	BEL	0P401000 and up	N/A(2)	822573A12	N/A
30 FourStroke	3 cylinder. Standard Gearcase	1999 - 2001	USA	0G760300 - 0T294064	8M0055001	N/A	8M0098264
30 FourStroke	3 cylinder. Standard Gearcase	1999 - 2001	BEL	0P017000 - 0P153499	8M0055001	N/A	8M0098264
30 FourStroke	3 cylinder. Standard Gearcase	2001 - 2005	USA	0T294065 - 1B226999	8M0055002	N/A	8M0098264
30 FourStroke	3 cylinder. Standard Gearcase	2001 - 2005	BEL	0P153500 - 0P400999	8M0055002	N/A	8M0098264
30 FourStroke	EFI Models	2006 - 2023	JPN	0R106999 and up	N/A(2)	822573A12	N/A
30 FourStroke	EFI Models	2006 - 2023	BEL	0P401000 and up	N/A(2)	822573A12	N/A
40 FourStroke	3 cylinder. Standard Gearcase	1999 - 2001	USA	0G760300 - 0T294064	8M0055001	N/A	8M0098264
40 FourStroke	3 cylinder. Standard Gearcase	1999 - 2001	BEL	017000 - 0P153499	8M0055001	N/A	8M0098264
40 FourStroke	3 cylinder. BigFoot Gearcase	1999 - 2001	USA	0G760300 - 0T294064	8M0055008	N/A	8M0098264
40 FourStroke	3 cylinder. BigFoot Gearcase	1999 - 2001	BEL	0P017000 - 0P094499	8M0055008	N/A	8M0098264
40 FourStroke	3 cylinder. Standard Gearcase	2001 - 2005	USA	0T294065 - 1B226999	8M0055002	N/A	8M0098264
40 FourStroke	3 cylinder. Standard Gearcase	2001 - 2005	BEL	0P094500 - 0P400999	8M0055002	N/A	8M0098264
40 FourStroke	3 cylinder. EFI	2006	USA	1B227000 - 1B344398	8M0055003	N/A	8M0098264
40 FourStroke	3 cylinder. EFI	2006	BEL	0P401000 - 0P515896	8M0055003	N/A	8M0098264
40 FourStroke	3 cylinder. EFI	2006	CHN	1C000001 - 1C049738	8M0055003	N/A	8M0098264
40 FourStroke	3 cylinder EFI	2007 - 2023	CHN	1C049739 and up	8M0055003	N/A	8M0098264
40 FourStroke	3 cylinder. BigFoot Gearcase	2001	USA	0T294065 - 0T408999	855654A 6	N/A	8M0098264
40 FourStroke	3 cylinder. BigFoot Gearcase	2001	BEL	0P094500 - 0P153499	855654A 6	N/A	8M0098264
40 FourStroke	4 cylinder. Standard Gearcase	1995 - 1998	USA	0G231123 - 0G760299	822344A13	822573A12	N/A
40 FourStroke	4 cylinder. Standard Gearcase	1999 - 2000	BEL	0P073323 - 0P094499	8M0055001	N/A	8M0098264

Model	Model Notes	Year Range	Country	Serial # Range	Power Trim Kit Part Number	Port Mount Analog Trim Sender	Starboard Mount Analog Trim Sender
40 FourStroke	4 cylinder. 996 cc. BigFoot	2001 - 2006	USA	0T178500 - 1B344306	8M0055008	N/A	8M0098264
40 FourStroke	4 cylinder. 996 cc. BigFoot	2001 - 2006	BEL	0P094500 - 0P515896	8M0055008	N/A	8M0098264
40 FourStroke	4 cylinder. 996 cc. BigFoot	2006	CHN	1C000001 - 1C050251	8M0055008	N/A	8M0098264
40 FourStroke	4 cylinder. 996 cc. BigFoot	2007 - 2023	CHN	1C050252 and up	N/A(4)	N/A	8M0098264
45 FourStroke	4 cylinder. Standard Gearcase	1995 - 1998	USA	0G231123 - 0G760299	822344A13	822573A12	N/A
45 FourStroke	4 cylinder. Standard Gearcase	1995 - 1998	BEL	9944807 - 0P016999	822344A13	822573A12	N/A
45 FourStroke	4 cylinder. Standard Gearcase	1999 - 2000	USA	0G076300 - 0T178499	822344A13	822573A12	N/A
45 FourStroke	4 cylinder. Standard Gearcase	1999 - 2000	BEL	0P017000 - 0P094499	822344A13	822573A12	N/A
45 FourStroke	4 cylinder. BigFoot Gearcase	1999 - 2000	USA	0G076300 - 0T178499	8M0055001	N/A	8M0098264
45 FourStroke	4 cylinder. BigFoot Gearcase	1999 - 2000	BEL	0P017000 - 0P094499	8M0055001	N/A	8M0098264
50 FourStroke	4 cylinder. Standard Gearcase	1995 - 1998	USA	0G231123 - 0G760299	822344A13	822573A12	N/A
50 FourStroke	4 cylinder. Standard Gearcase	1995 - 1998	BEL	9944807 - 0P016999	822344A13	822573A12	N/A
50 FourStroke	4 cylinder. Standard Gearcase	1999 - 2000	USA	0G076300 - 0T178499	8M0055001	N/A	8M0098264
50 FourStroke	4 cylinder. Standard Gearcase	1999 - 2000	BEL	0P017000 - 0P094499	8M0055001	N/A	8M0098264
50 FourStroke	4 cylinder. BigFoot Gearcase	1998 - 2000	USA	0G590000 - 0T178499	8M0055008	N/A	8M0098264
50 FourStroke	4 cylinder. 996 cc. Standard	2001 - 2006	USA	0T178500 - 1B344306	8M0055008	N/A	8M0098264
50 FourStroke	4 cylinder. 996 cc. Standard	2001 - 2006	BEL	0P094500 - 0P515896	8M0055008	N/A	8M0098264
50 FourStroke	4 cylinder. 996 cc. Standard	2006	CHN	0C000001 - 0C050251	8M0055008	N/A	8M0098264
50 FourStroke	4 cylinder. 996 cc. Standard	2007 - 2023	CHN	0C0500252 and up	N/A(4)	N/A	8M0098264
50 FourStroke	4 cylinder. 996 cc. BigFoot	2001 - 2006	USA	0T178500 - 1B344306	8M0055008	N/A	8M0098264
50 FourStroke	4 cylinder. 996 cc. BigFoot	2001 - 2006	BEL	0P094500 - 0P515896	8M0055008	N/A	8M0098264
50 FourStroke	4 cylinder. 996 cc. BigFoot	2006	CHN	1C000001 - 1C050251	8M0055008	N/A	8M0098264
50 FourStroke	4 cylinder. 996 cc. BigFoot	2007 - 2023	CHN	1C050252 and up	N/A(4)	N/A	8M0098264
60 FourStroke	4 cylinder. 996 cc. Standard	2001 - 2006	USA	0T178500 - 1B344306	8M0055008	N/A	8M0098264
60 FourStroke	4 cylinder. 996 cc. Standard	2001 - 2023	BEL	0P094500 and up	8M0055008	N/A	8M0098264
60 FourStroke	4 cylinder. 996 cc. BigFoot	2001 - 2006	USA	0T178500 - 1B344306	8M0055008	N/A	8M0098264
60 FourStroke	4 cylinder. 996 cc. BigFoot	2001 - 2023	BEL	0P094500 and up	8M0055008	N/A	8M0098264
60 FourStroke	4 cylinder. 996 cc.	2006 - 2023	CHN	1C000001 and up	8M0055008	N/A	8M0098264

(2) Accessory trim not available for non-trim models.

(3) Power trim is furnished standard on the "Pro-Kicker" model.

(4) All models furnished with trim as standard.

POWER TRIM CHART - MERCURY/MARINER 2-CYCLE

THESE ARE NOT REPLACEMENT POWER TRIMS. These kits are add-on power trim kits designed for addition to outboard engines that were not furnished a power trim at time of manufacture.

Two Cycle Outboard Power Trim Kit Chart

Model	Model Notes	Year Range	Country	Serial # Range	Power Trim Kit Part Number	Port Mount Trim Sender	Starboard Mount Trim Sender
6		1986 - 2003	USA	0A197112 - 0T800749		N/A	N/A
6		1986 - 2023	BEL	9461526 and up		N/A	N/A
8		1986 - 2023	USA	0A197112 and up		N/A	N/A
8		1986 - 2023	BEL	9461526 and up		N/A	N/A
9.9		1986 - 2023	USA	0A197112 and up		N/A	N/A
9.9		1986 - 2023	BEL	9461526 and up		N/A	N/A
15		1988 - 2023	USA	0B292414 and up		N/A	N/A
15		1988 - 2023	BEL	9542620 and up		N/A	N/A
20	(3)	1988 - 2003	USA	0B238464 - 0T800749	NLA	N/A	N/A
20	(3)	1988 - 2023	BEL	9507381 and up	NLA	N/A	N/A
20 JET		1994 1/2 - 2023	USA	0G044027 and up	NLA	N/A	N/A
25	(3)	1988 - 2023	USA	0B238464 and up	NLA	N/A	N/A
25	(3)	1988 - 2023	BEL	9507381 and up	NLA	N/A	N/A

Model	Model Notes	Year Range	Country	Serial # Range	Power Trim Kit Part Number	Port Mount Trim Sender	Starboard Mount Trim Sender
30	2 cylinder (644 cc) Long shaft.(4)	1995 - 1996 1/2	USA	0G124405 - 0G380073	822344A11	822573A12	N/A
30	2 cylinder (644 cc) Long shaft.(4)	1995 - 1996 1/2	BEL	9840763 - 9928056	822344A11	822573A12	N/A
30	2 cylinder (644 cc) Long shaft.(4)	1996 1/2 - 2002	USA	0G380074 - 0T598999	822344A13	822573A12	N/A
30	2 cylinder (644 cc) Long shaft.(4)	1996 1/2 - 2002	BEL	9928059 - 0P206999	822344A13	822573A12	N/A
30 JET	4 cylinder	1993 - 1997	USA	0C159200 - 0G589999	8M0055000	N/A	N/A
30 JET	3 cylinder. Long shaft only.	1998 - 2000	USA	0G590000 - 0T178499	822344A13	822573A12	N/A
35	2 cylinder.	1984 - 1989	USA	6445653 and up	N/A(1)	N/A	N/A
35	2 cylinder.	1984 - 1989	BEL	9384476 and up	N/A(1)	N/A	N/A
35	2 cylinder.	1984 - 1989	CAN	7209608 and up	N/A(1)	N/A	N/A
40	4 cylinder w/single trim/shock cylinder.	1989 - 1992	USA	0C159200 - 0D181999	N.L.A.	N/A	N/A
40	4 cylinder w/single trim/shock cylinder.	1989 - 1992	BEL	9570790 - 9740999	N.L.A.	N/A	N/A
40	4 cylinder.	1993 - 1997	USA	0D182000 and up	8M0055000	N/A	8M0098264
40	4 cylinder.	1993 - 1997	BEL	9741000 and up	8M0055000	N/A	8M0098264
40	2 cylinder (644 cc) Long shaft.(4)	1995 - 1996 1/2	USA	0G124405 - 0G380073	822344A11	822573A12	N/A
40	2 cylinder (644 cc) Long shaft.(4)	1995 - 1996 1/2	BEL	9840763 - 9928056	822344A11	822573A12	N/A
40	2 cylinder (644 cc) Long shaft.(4)	1996 1/2 - 2023	USA	0G380074 and up	822344A13	822573A12	N/A
40	2 cylinder (644 cc) Long shaft.(4)	1996 1/2 - 2023	BEL	9928059 and up	822344A13	822573A12	N/A
40	3 cylinder 59 CID, Long shaft only.	1997 1/2 - 2023	USA	0G531301 and up	822344A13	822573A12	N/A
40	3 cylinder 59 CID, Long shaft only.	1997 1/2 - 2023	BEL	9973100 and up	822344A13	822573A12	N/A
40 JET	59 CID	2001 - 2023	USA	0T178500 and up	8M0055001	N/A	8M0098264
40 JET	59 CID	2001 - 2023	BEL	0P094500 and up	8M0055001	N/A	8M0098264
45 JET	51.8 CID	1993 - 1997	USA	0D182000 - 0G589999	8M0054999(2)	N/A	8M0098264
45 JET	59 CID	1998 - 2000	USA	0D590000 - 0T178499	8M0055001	N/A	8M0098264
50	3 cylinder w/single trim/shock cylinder.	1989 - 1990	USA	0C160936 - 0D000749	N.L.A.	N/A	N/A
50	3 cylinder w/single trim/shock cylinder.	1989 - 1990	BEL	9469200 - 9683055	N.L.A.	N/A	N/A
50	3 cylinder w/single trim/shock cylinder.	1989 - 1990	CAN	0A721308 and up	N.L.A.	N/A	N/A
50	3 cylinder 51.8 CID	1991 - 1992	USA	0D000750 - 0D181999	N.L.A.	N/A	N/A
50	3 cylinder 51.8 CID	1991 - 1992	BEL	9682500 - 9733881	N.L.A.	N/A	N/A
50	3 cylinder 51.8 CID	1993 - 1997	USA	0D182000 - 0G58999	8M0054999(2)	N/A	8M0098264
50	3 cylinder 51.8 CID	1993 - 1997	BEL	9733882 - 9973099	8M0054999(2)	N/A	8M0098264
50	3 cylinder 59 CID, Long shaft only.	1998 - 2023	USA	0G590000 and up	822344A13	822573A12	N/A
50	3 cylinder 59 CID, Long shaft only.	1998 - 2023	BEL	9973100 and up	822344A13	822573A12	N/A
55	3 cylinder 51.8 CID, Electric models only.	1996 - 1997	USA	0D00750 - 0G589999	N/A	N/A	N/A
55	3 cylinder 51.8 CID, Electric models only.	1996 - 1997	BEL	9741042 - 9973099	N/A	N/A	N/A
55	3 cylinder 59 CID, Requires electric start.	1998 - 2023	USA	0G590000 and up	8M0055001	N/A	8M0098264
55	3 cylinder 59 CID, Requires electric start.	1998 - 2023	BEL	9973100 and up	8M0055001	N/A	8M0098264
60	3 cylinder w/single trim/shock cylinder.	1989 - 1990	USA	0C160936 - 0D000749	N.L.A.	N/A	N/A
60	3 cylinder w/single trim/shock cylinder.	1989 - 1990	BEL	9469200 - 9683055	N.L.A.	N/A	N/A
60	3 cylinder w/single trim/shock cylinder.	1989 - 1990	CAN	0A721308 and up	N.L.A.	N/A	N/A
60	3 cylinder.	1991 - 1992	USA	0D000750 - 0D181999	N.L.A.	N/A	N/A
60	3 cylinder.	1991 - 1992	BEL	9682500 - 9733881	N.L.A.	N/A	N/A
60	3 cylinder.	1993 - 1997	USA	0D182000 - 0G589999	8M0054999(2)	N/A	8M0098264
60	3 cylinder.	1993 - 1997	BEL	9733882 - 9973099	8M0054999(2)	N/A	8M0098264
60	3 cylinder. BigFoot Models	1998 - 2023	USA	0G590000 and up	8M0055008	N/A	8M0098264
60	3 cylinder. BigFoot Models	1998 - 2023	BEL	9973100 and up	8M0055008	N/A	8M0098264
60	3 cylinder. Non-BigFoot Models	1998 - 2023	USA	0G590000 and up	8M0055001	N/A	8M0098264
60	3 cylinder. Non-BigFoot Models	1998 - 2023	BEL	9973100 and up	8M0055001	N/A	8M0098264
70	3 cylinder.	1987 - 2023	USA	0A966142 and up	8M0143217(2)	8M0098273	8M0098264
70	3 cylinder.	1987 - 2023	BEL	9502500 and up	8M0143217(2)	8M0098273	8M0098264
75	4 cylinder.	1984 - 1987	USA	6428681 - 0B122929	8M0143217(2)	8M0098273	8M0098264
75	4 cylinder.	1984 - 1987	BEL	9385911 - 9469199	8M0143217(2)	8M0098273	8M0098264
75	4 cylinder.	1984 - 1987	CAN	7208333 - 0A721307	8M0143217(2)	8M0098273	8M0098264
75	3 cylinder.	1987 - 1997 1/2	USA	0A966142 - 0G531985	8M0143217(2)	8M0098273	8M0098264
75	3 cylinder.	1987 - 1997 1/2	BEL	9502500 - 9934136	8M0143217(2)	8M0098273	8M0098264
75	3 cylinder w/electric start only.	1997 1/2 - 2023	USA	0G531986 and up	830250A 7 (5)	N/A	8M0098264
75	3 cylinder w/electric start only.	1997 1/2 - 2023	BEL	9934137 and up	830250A 7 (5)	N/A	8M0098264

Model	Model Notes	Year Range	Country	Serial # Range	Power Trim Kit Part Number	Port Mount Trim Sender	Starboard Mount Trim Sender
80	3 cylinder.	1987 - 2023	USA	0A966142 and up	8M0143217(2)	8M0098273	8M0098264
80	3 cylinder.	1987 - 2023	BEL	9502500 and up	8M0143217(2)	8M0098273	8M0098264
90	3 cylinder.	1987 - 1997 1/2	USA	0A966142 - 0G531985	8M0143217(2)	8M0098273	8M0098264
90	3 cylinder.	1987 - 1997 1/2	BEL	9502500 - 9934136	8M0143217(2)	8M0098273	8M0098264
90	3 cylinder w/electric start only.	1997 1/2 - 2023	USA	0G531986 and up	830250A 7 (5)	N/A	8M0098264
90	3 cylinder w/electric start only.	1997 1/2 - 2023	BEL	9934137 and up	830250A 7 (5)	N/A	8M0098264

(1) Power trim can not be added to a non-trim 35 EL model due to the transom bracket used in manufacture. Power trim was available as a factory supplied option.

(2) Installation on a tiller handle model requires the addition of a Power Trim Switch kit found in this section or in Electrical Accessories.

(3) May back fit to 1984 if the 5 tilt pin position clamp brackets are in use.

(4) Non-Sea Pro/Marathon only.

(5) Available at Seaway Marine 206-937-7373 (USA) or seawaymarine.com

TRIM LIMIT KITS

Used to limit tilt or trim-up travel on V-6 outboard power trim applications.

TRIM LIMIT SWITCH KIT



87-**887979A 2**

Kit includes a mercury switch to limit power trim travel and a new, shorter tilt bracket. Switch harness utilizes bullet connectors.

Plugs into the harness for trim relay control on the 3.0L OptiMax (Model Year 2003 & newer).

TRIM LIMIT SWITCH KIT



87-**814407A 3**

Kit includes a mercury switch to limit power trim travel and a new, shorter tilt bracket.

Fits all Mercury/Mariner V-6 outboard applications which use engine mounted power trim solenoids.

TRIM REDUCER KIT



858915A 1

Kit includes a series of spacers to be installed in the trim cylinder.

Fits V-6 outboard applications (USA 0D082000 and Newer) and the 4 cylinder 135/150/175/200 hp. Verado outboard.

TRAILERING TILT SUPPORT BRACKETS

Locks motor in a tilted position.

TRAILERING TILT LOCK KIT



819504A 2

Positions engine at half tilt for trailering.

Fits Force 90-150 hp. 2 cycle models with or without power trim, 1994 and prior (0E093699 and prior).

TILT SUPPORT BRACKET KIT



8M0072610

This shorter bracket will support the engine in a reduced trim up position when tilt is limited. Prevents engine from trim bleed down. Recommended for use with the trim limit control 8M0059532.

Fits the F150 EFI FourStroke outboard, serial number 1B905505 and above.

TRAILERING CLIP

TRAILERING CLIP



833006A 1

Clips over center trim ram in extended position. Locks motor in a tilted position.

Fits Mercury/Mariner V-6 engines with Design II (3 ram) power trim systems and the 135/150/175 hp. Verado outboard.

TRAILERING CLIPS CHART - MERCURY/MARINER/FORCE

Mercury/Mariner/Force Trailering Clips

Model	Model Notes	Brand	Year Range	Country	Serial # Range	Trailering Clips
V-6	With Design II (3 ram) Power Trims	Mercury/Mariner	1986 - 2023	USA	0A904646 and up	833006A 1
40	1992C Models and Newer.	Force	1992 - 1994	USA	0E000001 - 0E093699	N.L.A.
50	1991B, 1992C Models and Newer.	Force	1991 - 1994	USA	0E000001 - 0E093699	N.L.A.
70	1991B, 1992C Models and Newer.	Force	1991 - 1995	USA	0E000001 - 0E138599	N.L.A.
75		Force	1996 - 2023	USA	0E138600 and up	N.L.A.
L Drives		Force	1990 - 1992	USA	0E000001 and up	N.L.A.

BATTERY CABLE KIT

Longer than standard, consists of two, 12 ft. (3.66 m) battery cables.

BATTERY CABLE KIT



84- **88439A50**

Pair of 12 ft.(3.7 m) cables, 1 red (+) Positive and 1 black (-) Negative, 4 gauge with ring terminals. 105C 4AWG SGT, 5/16 engine direct to battery, 3/8 and 5/16 boat. This is an optional accessory kit and may not reflect the original cables on your engine. For original manufactured service part replacement, the Electronic Parts Catalog should always be used for each specific engine. For alternate length cables, consult the appropriate service manual.

Fits Mercury/Mariner outboard engines.

BATTERY CABLE-POS



84- **88439A25**

Single 12 ft. positive cable. 4 Gauge with ring terminals.

BATTERY CABLE-NEG



84- **88439A26**

Single 12 ft. negative cable. 4 Gague with ring terminals

BATTERY CABLE KIT



84-**8M0133542**

2 cables in the kit (one red, one black),12 feet long, 2 AWG, 5/16" ring terminal engine side and 3/8" ring terminal battery side. SGX or STX min 125C cable.

When the application demands 2 gauge wire size.

NEGATIVE BATTERY CABLE



84-**8M0136942**

1 cable in the kit (black),12 feet long, 2 AWG, 5/16" ring terminal engine side and 3/8" ring terminal battery side. SGX or STX min 125C cable

When the application demands 2AWG wire size

HEAVY DUTY BATTERY CABLES



84- **61378A 2**

6AWG, 72" inch, 1/4-5/16 engine, 5/16-3/8 battery

For use with Mercury/Mariner V-6 Outboards

ENGINE TO HOT STUD KIT - 1/0 AWG

Image not Available.

84-**8M0149414**

Includes: engine to hot stud negative & positive cables. Ships on engine from factory. 12ft – 3/8" terminal boat side

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

ALTERNATOR TO ISOLATOR CABLE

Image not Available.

84-**8M0171478**

Orange 1/0 gauge / SGX/STX 125c / 5/16 to 5/16 terminals - 12ft. (Quantity of 1 needed)

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

ISOLATOR CHARGE CABLES

Image not Available.

84-**8M0149788**

Red 2 gauge / SGX/STX 125c / 5/16 to 5/16 terminals - 3ft. (Quantity of 2 needed)

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

ISOLATOR CHARGE CABLES

Image not Available.

84-**8M0149789**

Red 2 gauge / SGX/STX 125c / 5/16 to 5/16 terminals - 6ft. (Quantity of 2 needed)

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

ISOLATOR CHARGE CABLES

Image not Available.

84-**8M0149790**

Red 2 gauge / SGX/STX 125c / 5/16 to 5/16 terminals - 10ft. (Quantity of 2 needed)

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

BATTERY ISOLATOR - 200 AMP



87-**8M6005584**

200 amp battery isolator. Ensure battery cables meet ABYC/CFR regulations.

All MerCruiser and Outboard engines.

FUSE

Image not Available.

88-**8M0174088**

MRBF fuse - 175 amp. (Quantity of 2 needed)

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

CABLE BOOT



85-**8M0204731**

Insulator cable boot, red.

FUSE BAR HOLDER KIT

Image not Available.

56-**8M0144608**

Bussman MRBF fuse holder (3/8" mounting hole with M8 1.25 (5/16) stud) and hardware.

GROUNDING CABLE

Image not Available.

84-**8M0151976**

Black 1/0 gauge / SGX/STX 125c / 5/16 to 3/8 terminals - 2ft

GROUNDING CABLE

Image not Available.

84-**8M0151977**

Black 1/0 gauge / SGX/STX 125c / 5/16 to 3/8 terminals - 3ft

GROUNDING CABLE

Image not Available.

84-**8M0151978**

Black 1/0 gauge / SGX/STX 125c / 5/16 to 3/8 terminals - 4.5ft

GROUNDING CABLE

Image not Available.

84-**8M0151979**

Black 1/0 gauge / SGX/STX 125c / 5/16 to 3/8 terminals - 6ft

EXTENSION HARNESS

Image not Available.

84-**8M0176937**

2-pin extension harness to provide excitation and ground to the isolator. Connects to rig center and isolator adapter. (5ft)

EXTENSION HARNESS

Image not Available.

84-**8M0176939**

2-pin extension harness to provide excitation and ground to the isolator. Connects to rig center and isolator adapter. (10ft)

EXTENSION HARNESS

Image not Available.

84-**8M0176940**

2-pin extension harness to provide excitation and ground to the isolator. Connects to rig center and isolator adapter. (15ft)

POSITIVE BATTERY CABLE



84-**8M0136941**

1 cable in the kit (red),12 feet long, 2 AWG, 5/16" ring terminal engine side and 3/8" ring terminal battery side. SGX or STX min 125C cable.

When the application demands 2AWG wire size

EXTENSION HARNESS

Image not Available.

84-**8M0176942**

2-pin extension harness to provide excitation and ground to the isolator. Connects to rig center and isolator adapter. (25ft)

ISOLATOR ADAPTER

Image not Available.

84-**8M0175114**

2-pin adapter harness from extension to isolator excitation and ground. Connects isolator extension to isolator. Provides fused ground for FET based alternators when using Rig Center Gen2

ELECTRIC START KIT

Converts a manual start engine to an electric start. Additional buttons, harnesses or key switches may be required to complete conversion. See application chart.

ELECTRIC START KIT



50- **90983A 5**

Includes alternator kit. Also requires a tiller handle harness & start button or remote control harness assembly.

Fits various Mercury/Mariner 6-25 hp. 2 cycle outboards. See application chart for specific engine models.

ELECTRIC START KIT



50-**822462A 2**

Includes 15 AMP alternator and regulator/rectifier.

Fits Mercury/Mariner 55/60 hp. 2 cycle outboards (1998 and Newer). See application chart for specific engine models.

ELECTRIC START KIT



50-**822462A 4**

Includes 15 AMP alternator and regulator/rectifier. Tiller handle versions also require use of a transom mounted ignition/choke/horn assembly.

Fits Mercury/Mariner 30/40 hp. (2 cyl.) 2 cycle outboards (1998 and Newer). See application chart for specific engine models.

ELECTRIC START KIT



50-**822462A06**

Includes 15 AMP alternator and regulator/rectifier. Tiller handle versions also require use of a transom mounted ignition/choke/horn assembly.

Fits Mercury/Mariner 40 hp. 2 cycle (3 cyl. 1997 1/2 and Newer) and 50 hp. 2 cycle (3 cyl. 1998 and Newer). See application chart for specific engine models.

ELECTRIC START CONVERSION KIT



8M0069693

Includes the components necessary to convert a manual start tiller handle outboard to an electric start tiller handle outboard.

Fits the 8/9.9 hp. FourStroke, Model Year 2005 and newer, both standard and BigFoot models.

ELECTRIC START KIT



8M0137846

15/20 EFI FourStroke outboard, 0R833820 and above.

ELECTRIC START CONVERSION KIT



50-**899783A01**

Converts an MH (manual start tiller) to an EH (electric start tiller) model.

25-30 Hp EFI FourStroke outboard, serial number 0R106999 & above.

TILLER HANDLE HARNESS BUTTON

Mounted to the tiller handle of an engine being converted to electric start, this button will activate the solenoid for the starter motor.

TILLER HANDLE HARNESS BUTTON



87- **95810A 8**

Fits various Mercury/Mariner 6-25 hp. 2 cycle tiller handle shift outboards. See application chart for specific engine models.

TILLER HANDLE HARNESS BUTTON



87-**823609A 7**

Can also be used when converting electric remote to a tiller handle.

Fits Mercury/Mariner 6-15 hp. 2 cycle outboards (1994 and Newer) and Mercury / Mariner 20/25 hp. 2 cycle outboards (USA 0G044027 and Newer, BEL 9807909 and Newer).

COWL MOUNTED BUTTON

Mounted to the cowl of an engine being converted to electric start, this button will activate the solenoid for the starter motor.

COWL MOUNTED BUTTON



87-**825294A 2**

Fits Mercury / Mariner 30/40 hp. (2 cyl.) 2 cycle outboards (USA 0G055314-0G589999, BEL 9854537-9928480).

REMOTE CONTROL ENGINE HARNESS

Used along with an electric start conversion kit, this harness will allow hook up to a remote control.

REMOTE CONTROL ENGINE HARNESS



84- **12334A 2**

Fits various Mercury/Mariner 6-15 hp.2 cycle outboards. See application chart for specific engine models.

REMOTE CONTROL ENGINE HARNESS



84-**824477A 3**

Harness includes an enrichner kit.

Fits Mercury/Mariner 30/40 hp. (2 cyl.) 2 cycle outboards (USA 0G055314-0G589999, BEL 9854537-9928480).

TRANSOM MOUNTED IGNITION KEYSWITCH

A transom mounted keyswitch allowing for activation of the starter solenoid, a choke or enrichner valve.

TRANSOM MOUNTED IGNITION KEYSWITCH



15000A 7

Includes a push-to-choke function and a warning horn. Has a 6 ft. (182 cm) cable length. Has an 8 pin engine connector.

Fits many varying outboards and applications through Model Year 2005 where a keyswitch with warning horn and choke (enrichner) function is desired. Outboards require a remote control engine harness be used in conjunction with this switch in order for it to function. Warning horn feature is not present on all model outboards.

TRANSOM MOUNTED IGNITION KEYSWITCH



15000A14

Includes a push-to-choke function and a warning horn. Has a 6 ft. (182 cm) cable length. Has the 14 pin engine connector.

Fits many varying outboards and applications beginning in Model Year 2006 where a keyswitch with warning horn and choke (enrichner) function is desired. Outboards require a remote control engine harness be used in conjunction with this switch in order for it to function. Warning horn feature is not present on all model outboards.

NEUTRAL INTERLOCK

Used when adding an electric start conversion kit or adding a tiller handle to an electric model, this interlock insures start-in-gear protection.

NEUTRAL INTERLOCK



87-**813960A 4**

Fits Mercury/Mariner 30/40 hp. (2 cyl.) 2 cycle outboards (USA 0G590000 and Newer, BEL 9973100 and Newer).

ELECTRIC START KITS CHART - MERCURY/MARINER

Mercury/Mariner Electric Start Kits

Model	Brand	Model Notes	Year Range	Country	Serial # Range	Electric Start Kit	Start Button Or Keyswitch	Optional Remote Control Engine Harness
6	Mercury/Mariner	With tiller handle shift	1986 - 1993	USA	0A197112 - 0D280999	50- 90983A 5	87- 95810A 8	84- 12334A 2(1)
6	Mercury/Mariner	With tiller handle shift	1986 - 1993	BEL	9461526 - 9792199	50- 90983A 5	87- 95810A 8	84- 12334A 2(1)
6	Mariner	With side shift	1986 - 1993	USA	0A197112 - 0D280999	50- 90983A 5	N.L.A.	84- 12334A 2(1)
6	Mariner	With side shift	1986 - 1993	BEL	9461526 - 9792199	50- 90983A 5	N.L.A.	84- 12334A 2(1)
6	Mercury/Mariner		1994 - 2003	USA	0D281000 - 0T800749	50- 90983A 5	87-823609A 7	84- 12334A 2(1)
6	Mercury/Mariner		1994 - 2023	BEL	9792200 and up	50- 90983A 5	87-823609A 7	84- 12334A 2(1)
8	Mercury/Mariner	With tiller handle shift	1986 - 1993	USA	0A197112 - 0D280999	50- 90983A 5	87- 95810A 8	84- 12334A 2(1)
8	Mercury/Mariner	With tiller handle shift	1986 - 1993	BEL	9461526 - 9792199	50- 90983A 5	87- 95810A 8	84- 12334A 2(1)
8	Mariner	With side shift	1986 - 1993	USA	0A197112 - 0D280999	50- 90983A 5	N.L.A.	84- 12334A 2(1)
8	Mariner	With side shift	1986 - 1993	BEL	9461526 - 9792199	50- 90983A 5	N.L.A.	84- 12334A 2(1)
8	Mercury/Mariner		1994 - 2023	USA	0D281000 and up	50- 90983A 5	87-823609A 7	84- 12334A 2(1)
8	Mercury/Mariner		1994 - 2023	BEL	9792200 and up	50- 90983A 5	87-823609A 7	84- 12334A 2(1)
8 FourStroke	Mercury/Mariner		1995 - 1998	USA	0H000058 - 0H017099	N.L.A.	N.L.A.	N.L.A.(1)
8 FourStroke	Mercury/Mariner		1999	USA	0H017100 - 0H017349	N.L.A.	N.L.A.	N.L.A.(1)
8 FourStroke	Mercury/Mariner		1999 - 2000	USA	0G760300 - 0T178499	N.L.A.	N.L.A.	N.L.A.(1)
8 FourStroke	Mercury/Mariner	323 cc.	2001 - 2004	BEL	0P086824 - 0P325499	NLA	NLA	NLA(1)
8 FourStroke	Mercury/Mariner	Manual Tiller Model	2005 - 2023	JPN	0R042475 and up	8M0069693	N/A	N/A
8 FourStroke	Mercury/Mariner	Manual Tiller Model	2005 - 2023	BEL	0P325500 and up	8M0069693	N/A	N/A
9.9	Mercury/Mariner	With tiller handle shift	1986 - 1993	USA	0A197112 - 0D280999	50- 90983A 5	87- 95810A 8	84- 12334A 2(1)
9.9	Mercury/Mariner	With tiller handle shift	1986 - 1993	BEL	9461526 - 9792199	50- 90983A 5	87- 95810A 8	84- 12334A 2(1)
9.9	Mariner	With side shift	1986 - 1993	USA	0A197112 - 0D280999	50- 90983A 5	N.L.A.	84- 12334A 2(1)
9.9	Mariner	With side shift	1986 - 1993	BEL	9461526 - 9792199	50- 90983A 5	N.L.A.	84- 12334A 2(1)
9.9	Mercury/Mariner		1994 - 2023	USA	0D281000 and up	50- 90983A 5	87-823609A 7	84- 12334A 2(1)
9.9	Mercury/Mariner		1994 - 2023	BEL	9792200 and up	50- 90983A 5	87-823609A 7	84- 12334A 2(1)
9.9 FourStroke	Mercury/Mariner	232 cc.	1995 - 1998	USA	0H000058 - 0H016909	N.L.A.	N.L.A.	N.L.A.(1)
9.9 FourStroke	Mercury/Mariner	323 cc.	1999 - 2004	USA	0G760300 - 0T979999	NLA	NLA	NLA(1)
9.9 FourStroke	Mercury/Mariner	323 cc.	1999 - 2004	BEL	0P075166 - 0P325499	NLA	NLA	NLA(1)
9.9 FourStroke	Mercury/Mariner	Manual Tiller Model	2005 - 2023	JPN	0R042475 and up	8M0069693	N/A	N/A
9.9 FourStroke	Mercury/Mariner	Manual Tiller Model	2005 - 2023	BEL	0P325500 and up	8M0069693	N/A	N/A
15	Mercury/Mariner	With tiller handle shift	1986 - 1993	USA	0A197112 - 0D280999	50- 90983A 5	87- 95810A 8	84- 12334A 2(1)
15	Mercury/Mariner	With tiller handle shift	1986 - 1993	BEL	9461526 - 9792199	50- 90983A 5	87- 95810A 8	84- 12334A 2(1)
15	Mariner	With side shift	1986 - 1993	USA	0A197112 - 0D280999	50- 90983A 5	N.L.A.	84- 12334A 2(1)
15	Mariner	With side shift	1986 - 1993	BEL	9461526 - 9792199	50- 90983A 5	N.L.A.	84- 12334A 2(1)
15	Mercury/Mariner		1994 - 2023	USA	0D281000 and up	50- 90983A 5	87-823609A 7	84- 12334A 2(1)
15	Mercury/Mariner		1994 - 2023	BEL	9792200 and up	50- 90983A 5	87-823609A 7	84- 12334A 2(1)
15	Mercury/Mariner	Sea Pro and Marathon	1994 1/2 - 2023	USA	0G044027 and up	50- 90983A 5	87-823609A 7	NLA(1)
15	Mercury/Mariner	Sea Pro and Marathon	1994 1/2 - 2023	BEL	9807909 and up	50- 90983A 5	87-823609A 7	NLA(1)
15 FourStroke	Mercury/Mariner	323 cc.	1998	USA	0G590000 - 0G760299	NLA	N.L.A.	NLA(1)
15 FourStroke	Mercury/Mariner	323 cc.	1999 - 2008	USA	0G760300 and up	NLA	NLA	NLA(1)
15 FourStroke	Mercury/Mariner	351 cc.	2008 - 2018	JPN	0R235949 - 0R833819	NLA	N/A	N/A
15 EFI FourStroke	Mercury/Mariner		2018 - 2023	JPN	0R833820 - and up	8M0137846	N/A	N/A
15	Mariner	Early Japanese			684 Series and up	N.L.A.	N/A	N/A
18XD	Mercury		1984 - 1985	USA	6443973 and up	50- 90983A 5	87- 95810A 8	NLA(1)
18XD	Mercury		1984 - 1985	BEL	9378151 - 9415100	50- 90983A 5	87- 95810A 8	NLA(1)
18XD	Mercury		1984 - 1985	CAN	7209533 and up	50- 90983A 5	87- 95810A 8	NLA(1)
20	Mercury	With tiller handle shift	1986 - 1994 1/2	USA	6443973 - 0G044026	50- 90983A 5	87- 95810A 8	NLA(1)
20	Mercury	With tiller handle shift	1986 - 1994 1/2	BEL	9415101 - 9807908	50- 90983A 5	87- 95810A 8	NLA(1)
20	Mercury	With tiller handle shift	1986 - 1994 1/2	CAN	7209533 and up	50- 90983A 5	87- 95810A 8	NLA(1)

Model	Brand	Model Notes	Year Range	Country	Serial # Range	Electric Start Kit	Start Button Or Keyswitch	Optional Remote Control Engine Harness
20	Mariner	With side shift	1986 - 1994 1/2	USA	6443973 - 0G044026	50- 90983A 5	N.L.A.(5)	NLA(1)
20	Mariner	With side shift	1986 - 1994 1/2	BEL	9415101 - 9807908	50- 90983A 5	N.L.A.(5)	NLA(1)
20	Mariner	With side shift	1986 - 1994 1/2	CAN	7209533 and up	50- 90983A 5	N.L.A.(5)	NLA(1)
20	Mercury/Mariner		1994 1/2 - 2003	USA	0G044027 - 0T800749	50- 90983A 5	87-823609A 7	NLA(1)
20	Mercury/Mariner		1994 1/2 - 2023	BEL	9807909 and up	50- 90983A 5	87-823609A 7	NLA(1)
20 FourStroke	Mercury/Mariner	351 cc.	2008 - 2018	JPN	0R235168 - 0R833819	NLA	N/A	N/A
20 EFI FourStroke	Mercury/Mariner		2018 - 2023	JPN	0R833820 - and up	8M0137846	N/A	N/A
25, 25XD	Mercury	With tiller handle shift	1984 - 1994 1/2	USA	6443973 - 0G044026	50- 90983A 5	87- 95810A 8	NLA(1)
25, 25XD	Mercury	With tiller handle shift	1984 - 1994 1/2	BEL	9415101 - 9807908	50- 90983A 5	87- 95810A 8	NLA(1)
25, 25XD	Mercury	With tiller handle shift	1984 - 1994 1/2	CAN	7209533 and up	50- 90983A 5	87- 95810A 8	NLA(1)
25	Mariner	With side shift	1986 - 1994 1/2	USA	6443973 - 0G044026	50- 90983A 5	N.L.A.(5)	NLA(1)
25	Mariner	With side shift	1986 - 1994 1/2	BEL	9415101 - 9807908	50- 90983A 5	N.L.A.(5)	NLA(1)
25	Mariner	With side shift	1986 - 1994 1/2	CAN	7209533 and up	50- 90983A 5	N.L.A.(5)	NLA(1)
25	Mercury/Mariner		1994 1/2 - 2023	USA	0G044027 and up	50- 90983A 5	87-823609A 7	NLA(1)
25	Mercury/Mariner		1994 1/2 - 2023	BEL	9807909 and up	50- 90983A 5	87-823609A 7	NLA(1)
25 FourStroke	Mercury/Mariner	Carb models only	1998 - 2006	USA	0G590000 - 1B344298	(3)	N/A	N/A
25 FourStroke	Mercury/Mariner	Carb models only	1998 - 2006	BEL	9973100 - 0P358282	(3)	N/A	N/A
25 FourStroke	Mercury/Mariner	EFI Tiller models	2006 - 2023	JPN	0R106999 and up	50-899783A01	N/A	N/A
25 FourStroke	Mercury/Mariner	EFI Tiller models	2006 - 2023	BEL	0P401000 and up	50-899783A01	N/A	N/A
30	Mercury/Mariner		1994 - 1997	USA	0G055314 - 0G589999	50-822462A 1	87-825294A 2	84-824477A 3(1)
30	Mercury/Mariner		1994 - 1997	BEL	9854537 - 9928480	50-822462A 1	87-825294A 2	84-824477A 3(1)
30	Mercury/Mariner		1998 - 2002	USA	0G590000 - 0T598999	50-822462A 4(2)	15000A 7	N/A
30	Mercury/Mariner		1998 - 2002	BEL	9973100 - 0P206999	50-822462A 4(2)	15000A 7	N/A
30 FourStroke	Mercury/Mariner	EFI Tiller models	2006 - 2023	JPN	0R106999 and up	50-899783A01	N/A	N/A
30 FourStroke	Mercury/Mariner	EFI Tiller models	2006 - 2023	BEL	0P401000 and up	50-899783A01	N/A	N/A
40	Mercury/Mariner	2 cylinder	1994 - 1997	USA	0G055314 - 0G589999	50-822462A 1	87-825294A 2	84-824477A 3(1)
40	Mercury/Mariner	2 cylinder	1994 - 1997	BEL	9854537 - 9928480	50-822462A 1	87-825294A 2	84-824477A 3(1)
40	Mercury/Mariner	2 cylinder	1998 - 2023	USA	0G590000 and up	50-822462A 4(2)	15000A 7	N/A
40	Mercury/Mariner	2 cylinder	1998 - 2023	BEL	9973100 and up	50-822462A 4(2)	15000A 7	N/A
40	Mercury/Mariner	3 cylinder	1997 1/2 - 2023	USA	0G531801 and up	50-822462A06	15000A 7	N/A
40	Mercury/Mariner	3 cylinder	1997 1/2 - 2023	BEL	9973100 and up	50-822462A06	15000A 7	N/A
50	Mercury/Mariner	3 cylinder	1998 - 2023	USA	0G590000 and up	50-822462A06	15000A 7	N/A
50	Mercury/Mariner	3 cylinder	1998 - 2023	BEL	9973100 and up	50-822462A06	15000A 7	N/A
55MH	Mercury/Mariner	3 cylinder, 51.8 CID	1996 - 1997	USA	0D000750 - 0G589999	NLA	N/A	N/A
55MH	Mercury/Mariner	3 cylinder, 51.8 CID	1996 - 1997	BEL	9741042 - 9973099	NLA	N/A	N/A
55	Mercury/Mariner	3 cylinder, 59 CID	1998 - 2023	USA	0G590000 and up	50-822462A 2	N/A	N/A
55	Mercury/Mariner	3 cylinder, 59 CID	1998 - 2023	BEL	9973100 and up	50-822462A 2	N/A	N/A
60	Mercury/Mariner	59 CID	1998 - 2023	USA	0G590000 and up	50-822462A 2	N/A	N/A
60	Mercury/Mariner	59 CID	1998 - 2023	BEL	9973100 and up	50-822462A 2	N/A	N/A

(1) Required for hook-up to optional remote control or transom mounted keyswitch.

(2) Neutral Interlock kit no. 87-813960A 4 required to complete this conversion.

(3) No kit available for this model.

(5) Use the comparable black colored Mercury harness button 87-95810A 8.

TILLER HANDLE KIT - TRADITIONAL STYLE

Used to convert a remote steering engine to tiller handle operation. Traditional mechanical steering handle.

TILLER HANDLE KIT



8M0103839

Converts an electric start remote control outboard to an electric start tiller handle outboard.

Fits 9.9 hp. FourStroke, Model Year 2005 & newer, both standard and BigFoot models requiring SAE ended throttle/shift cables. Serial Numbers USA-0R042475-0R192771 & BEL-0P325500-0P513329.

TILLER HANDLE CONVERSION KIT



8M0103837

Converts an ERC to EH model.

Fits the 9.9 hp. FourStroke outboard with EPA calibrations and requiring Mercury style ended throttle/shift cables. Serial Numbers USA-0R192772 & newer, BEL-0P513330 & newer.

TILLER HANDLE CONVERSION KIT



8M0104197

Converts an ERC (electric remote model) to an EH (electric tiller model). Power trim models require additional kit 87-898101A02 to relocate trim switch from the cowl to the handle.

Fits the 15 hp. FourStroke (351cc) outboard, serial number 0R235949 - 0R833819.

TILLER HANDLE CONVERSION KIT



8M0137854

Converts remote control to tiller handle.

15/20 EFI FourStroke outboard, 0R833820 and above.

TILLER HANDLE CONVERSION KIT



8M0104198

Converts an ERC (electric remote model) to an EH (electric tiller model). Power trim models require additional kit 87-898101A02 to relocate trim switch from the cowl to the handle.

Fits the 20 hp. FourStroke (351cc) outboard, serial number 0R235168 - 0R833819.

TILLER HANDLE KIT



821455A20

Black handle. Power trim models require trim switch kit.

Fits Mercury 25 hp. 4-Stroke outboards (USA 0G590000-0G760299).

TILLER HANDLE CONVERSION KIT



8M0051061

This kit converts an MRC (manual remote control) model to a tiller handle operation.

Fits the 25-30 Hp EFI FourStroke Outboard, serial number 0R106999 & above.

TILLER HANDLE CONVERSION KIT



8M0051062

This kit converts an ERC (electric remote control) model to a tiller handle operation. Models with power trim will have trim switch on the side of the cowl. To replace that switch with one on the handle, order an 87-898101A01 trim switch kit if desired.

Fits the 25-30 Hp EFI FourStroke Outboard, serial number JPN-0R106999 & above and BEL-0P401000 & above.

TRIM SWITCH KIT



87-898101A01

When installing a tiller handle conversion kit to a remote model that has power trim, it may be desired to replace the cowl mounted trim switch with one mounted on the handle. This kit will make that trim switch conversion from the cowl to the tiller handle.

Fits the 25-30 Hp EFI FourStroke Outboard, serial number JPN-0R106999 & above and BEL-0P401000 & above.

TILLER HANDLE KIT



821455T 8

Black handle. Electric start models require transom mounted keyswitch and a neutral interlock. Power trim models require a trim switch kit. Hand adjustable co-pilot included.

Fits various Mercury/Mariner 30/40 hp. (2 cyl.) 2 cycle outboards. See application chart for specific engine models.

TILLER HANDLE KIT



828813A29

Black handle. See application chart for additional components required to complete the conversion. Power trim models require a trim switch kit.

Fits various Mercury/Mariner 40/50 hp. (3 cyl.) and 30 JET (3 cyl.) 2 cycle outboards. See application chart for specific engine models.

TILLER HANDLE KIT



880095A05

Black handle. Kit contains the complete handle assembly, hand adjustable co-pilot and shift components.

Fits Mercury/Mariner 40 hp. (4 cyl.) FourStroke Bigfoot EFI Model and 50/60 hp. (4 cyl.) FourStroke EFI Model outboards (USA 0T409000-1B226999 and BEL 0P153500-0P400999).

TILLER HANDLE KIT



880093A03

Black handle. Kit contains the complete handle assembly, hand adjustable co-pilot and shift components. Converts an ERC (remote) model to an EH (tiller) model.

Fits Mercury/Mariner 40 hp. (3 cyl.) FourStroke EFI and 40/50/60 hp. (4 cyl.) FourStroke EFI Model outboards (CHN-1C050252 & above).

TILLER HANDLE KIT



816366A48

Black handle. See application chart for additional components required to complete the conversion. Power trim models require a trim switch kit.

Fits various Mercury/Mariner 60 hp. and 45 JET 2 cycle outboards (1999 and Newer). See application chart for specific engine models.

TILLER HANDLE KIT



12022A40

Black handle. JET outboards require a shift attaching kit.

Fits various Mercury/Mariner 65 JET/75/90 hp. (3 cyl.) 2 cycle outboards (1997 and Newer). See application chart for specific engine models.

SHIFT ATTACHING KIT

Needed to activate the shift on a JET outboard when converting from remote operation to a tiller handle operation.

SHIFT ATTACHING KIT



850000A 2

Fits Mercury / Mariner 45 JET 2 cycle outboards (USA 0D182000 and Newer).

SHIFT ATTACHING KIT



850000A 3

Fits Mercury / Mariner 65 JET 2 cycle outboards (USA 0D182000 and Newer) and 80 JET 2 cycle outboards (USA 0G449551 and Newer).

SHIFT ATTACHING KIT



850000A 4

Fits Mercury / Mariner 30 JET (3 cyl.) 2 cycle outboards (USA 0G590000 and Newer).

TILLER HANDLE - BIG TILLER STEERING

The Big Tiller has improved features and is designed to allow driving a large tiller Outboard engine easily, safely and is ergonomically friendly. The Big Tiller is used on large 40-115 HP FourStroke, 75-250 HP OptiMax, 135-200 HP 4 cylinder DTS Verado engines.

DTS TILLER HANDLE WITH P/S



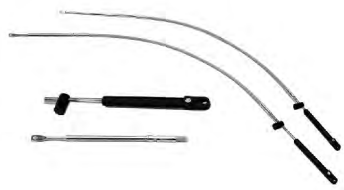
8M0134609

The Big Tiller is designed for optimal performance and ergonomic comfort. With improved friction adjustments, a hydraulic locking feature eliminating torque, easy access to the throttle and shift handle and a trim button at the end of the handle the Big Tiller provides safe and effortless operation.

The RPM Adjustment (Troll Control) and LED light switch are standard on this model.

Power Steering is required - 135-200 HP 4 Cylinder Verado.

THROTTLE AND SHIFT KIT- 40-60 FOURSTROKE



8M0082354

The kit includes 2 - T/S cables. These cables are designed to provide best in class installation for this engine family.

The kit is designed to work with the 40 - 60 HP engines. This kit is not compatible with Jet Outboard engines.

THROTTLE AND SHIFT KIT- 75-115 FOURSTROKE TILLER

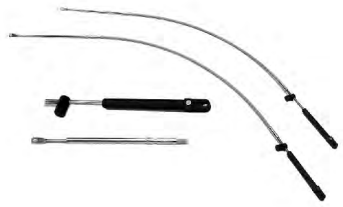


8M0082351

The kit includes 2 - T/S cables. These cables are designed to provide best in class installation for this engine family.

The kit is designed to work with the 1.7L 75-115 HP FourStroke engines.

THROTTLE AND SHIFT KIT- 3.0L 150 FOURSTROKE TILLER



8M0082355

The kit includes 2 - T/S cables. These cables are designed to provide best in class installation for this engine family.

The kit is designed to work with the 3.0L 150 HP FourStroke engines.

THROTTLE AND SHIFT KIT- 75-115 1.5L OPTIMAX TILLER

8M0082352

The kit includes 2 - T/S cables. These cables are designed to provide the best in class installation for this engine family.

The kit is designed to work with 75 - 115 HP OptiMax engines.

THROTTLE AND SHIFT KIT- 135HP+ OPTIMAX

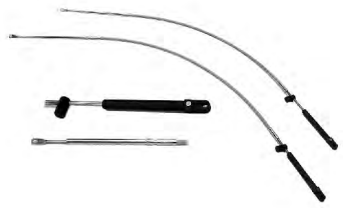


8M0082353

The kit includes 2 - T/S cables. These cables are designed to provide the best in class installation for this engine family.

The kit is designed to work with the 135HP+ OptiMax engines.

THROTTLE AND SHIFT KIT- 3.0L 150 FOURSTROKE TILLER



8M0082355

The kit includes 2 - T/S cables. These cables are designed to provide best in class installation for this engine family.

The kit is designed to work with the 3.0L 150 HP FourStroke engines.

TROLL CONTROL KIT



87-**8M0083437**

RPM adjustment at your finger tips. This kit can be added to the Big Tiller Mechanical without P/S as an option.

Y Harness not included. Mechanical use only. Not compatible with DTS applications.

LED LIGHT AND SWITCH KIT



87-**897978T02**

New LED light and Switch Kit is an option on all Mechanical Big Tiller units. Allows for easy installation on the new Big Tiller. Light up your boat with a soft Amber light to make night fishing or early morning fishing more flexible.

OUTBOARD STABILIZER CLIPS- TRAILERING



64-**891762A04**

Helps keep engine centered during trailering. Safety orange durable plastic material.

Fits most cylinder rods on engines manufactured in 1997 and newer. Snaps over outboard's hydraulic steering cylinder rods.

TILLER HANDLE KITS CHART - MERCURY/MARINER

Mercury/Mariner Tiller Handle Kits

Model	Model Notes	Year Range		Serial # Range	Tiller Handle Kit Part Number	Handle Color	Shift Attaching Kit
8 FourStroke	232 cc. With Side Shift.	1995 - 1998	USA	0H000058 - 0H017099	N.L.A.	Black	N/A
					N.L.A.	Gray	N/A
8 FourStroke	232 cc. With Side Shift.	1999 - 2000	USA	0H017100 - 0H017349	N.L.A.	Black	N/A
8 FourStroke	232 cc. With Side Shift.	1999 - 2000	USA	0G760300 and up	N.L.A.	Black	N/A
8 FourStroke	232 cc. With Shift in Handle.	1995 - 1998	USA	0H000058 - 0H017099	N.L.A.	Black	N/A
					N.L.A.	Gray	N/A
8 FourStroke	232 cc. With Shift in Handle.	1999 - 2000	USA	0H017100 - 0H017349	N.L.A.	Black	N/A
8 FourStroke	232 cc. With Shift in Handle.	1999 - 2000	USA	0G760300 and up	N.L.A.	Black	N/A
8 FourStroke	323 cc.	2001 - 2004	BEL	0P086824 - 0P325499	N.L.A.	Black	N/A
8 FourStroke	Manual start models	2005 - 2006	JPN	0R042475 - 0R192771	8M0103839(14)	Black	N/A
			BEL	0P325500 - 0P513329			
9.9 FourStroke	232 cc. With Side Shift.	1995 - 1998	USA	0H000058 - 0H016909	N.L.A.	Black	N/A
					N.L.A.	Gray	N/A
9.9 FourStroke	232 cc. With Shift in Handle.	1995 - 1998	USA	0H000058 - 0H016909	N.L.A.	Black	N/A
					N.L.A.	Gray	N/A
9.9 FourStroke	323 cc.	1999 - 2004	USA	0G760300 - 0T979999	N.L.A.	Black	N/A
		1999 - 2004	BEL	0P075166 - 0P325499			
9.9 FourStroke	SAE Manual Remote(14)	2005 - 2006	JPN	0R042475 - 0R192771	8M0103839(14)	Black	N/A
			BEL	0P325500 - 0P513329			
9.9 FourStroke	SAE Electric Remote(14)	2005 - 2006	JPN	0R042475 - 0R192771	8M0103840(14)	Black	N/A
			BEL	0P325500 - 0P513329			
9.9 FourStroke, EPA	MERC Electric Remote(15)	2006 - 2023	JPN	0R192772 and up	8M0103837(15)	Black	N/A
9.9 FourStroke, EU	MERC Electric Remote(15)	2006 - 2023	BEL	0P513330 and up	NLA(15)	Black	N/A
15 FourStroke	323cc	1998	USA	0G590000 - 0G760299	N.L.A.	Black	N/A
					N.L.A.	Gray	N/A
15 FourStroke	323cc	1999 - 2008	USA	0G760300 and up	N.L.A.	Black	N/A
15 FourStroke	351cc, Electric Remote	2008 - 2018	JPN	0R235949 - 0R833819	8M0104197(13)	Black	N/A
15 EFI FourStroke		2018 - 2023	JPN	0R833820 - and up	8M0137854	Black	N/A
20		1984 - 1987	USA	6443973 - 0B238463	94185A17	Gray	N/A
			BEL	9415101 - 9507380			
			CAN	7209533 - 0A730006			
20		1988 - 1994	USA	0B238464 - 0G044026		Gray	N/A
			BEL	9507381 - 9807908			
			CAN	0A730007 and up			
20		1994 1/2 - 2003	USA	0G044027 - 0T800749	821468A 7(1)	Black	N/A
			BEL	9807909 and up			
20 JET		1994 - 1998	USA	0G044027 - 0G760299	N/A	N/A	N/A
20 JET		1999 - 2023	USA	0G760300 and up	N/A	N/A	N/A
20 FourStroke	351cc, Electric Remote	2008 - 2018	JPN	0R235168 - 0R833819	8M0104198(13)	Black	N/A
20 EFI FourStroke		2018 - 2023	JPN	0R833820 - and up	8M0137854	Black	N/A
25		1994 1/2 - 2005	USA	0G044027 - 1B226999	821468A 7(1)	Black	N/A
25 FourStroke	351cc, Electric remote		BEL	9807909 - 0P400999			
25 FourStroke		1998	USA	0G590000 - 0G760299	821455A20(2)	Black	N/A
					N.L.A.(9)	Gray	N/A
25 FourStroke	Carbureted Models	1999 - 2006	USA	0G760300 - 1B344298	821455A26(2)	Black	N/A
25 FourStroke	EFI, Manual Version	2006 - 2023	JPN	0R106999 and up	8M0051061(12)	Black	N/A
			BEL	0P401000 and up			
25 FourStroke	EFI, Electric Version	2006 - 2023	JPN	0R106999 and up	8M0051062(13)	Black	N/A
			BEL	0P401000 and up			

Model	Model Notes	Year Range		Serial # Range	Tiller Handle Kit Part Number	Handle Color	Shift Attaching Kit
30E / EL	(Japanese Origin) Without oil injection.			689 Series and up	N.L.A.(3)	Gray	N/A
30E / EL	(Japanese Origin) With oil injection.			689 Series and up	N.L.A.(4)	Gray	N/A
30	2 cylinder, 644 cc.	1994 - 1998	USA	0G053314 - 0G760299	821455T 8(5)	Black	N/A
			BEL	9812719 - 0P016999			
30		1994 - 1998	USA	0G053314 - 0G760299	N.L.A.(9)	Gray	N/A
			BEL	9812719 - 0P016999			
30	2 cylinder, 644 cc.	1999 - 2002	USA	0G760300 - 0T598999	821455T 8(5)	Black	N/A
			BEL	0P017000 - 0P206999			
30 FourStroke	3 cyl. Carbureted	1999 - 2023	USA	0G760300 and up	821455A22(2)	Black	N/A
			BEL	0P094500 and up			
30 FourStroke	3 cyl. EFI	2002 - 2005	USA	0T409000 - 1B226999	821455A16(2)	Black	N/A
			BEL	0P153500 - 0P400999			
30 FourStroke	EFI, Manual Version	2006 - 2023	JPN	0R106999 and up	8M0051061(12)	Black	N/A
			BEL	0P401000 and up			
30 FourStroke	EFI, Electric Version	2006 - 2023	JPN	0R106999 and up	8M0051062(13)	Black	N/A
			BEL	0P401000 and up			
30 Jet	4 cylinder.	1994 - 1997	USA	0C159200 - 0G589999	N.L.A.	Black	N.L.A.
30 Jet	3 cylinder.	1998	USA	0G590000 - 0G760299	828813A29(2)(4)	Black	850000A 4
30 Jet	3 cylinder.	1998	USA	0G590000 - 0G760299	828813A29(2)(4)(9)	Black	850000A 4
30 Jet	3 cylinder.	1999 - 2023	USA	0G760300 and up	828813A29(2)(4)	Black	850000A 4
35	2 cyl. Models w/ 2 piece steering arm.	Prior to - 1989	USA	0C159200 and up	N.L.A.(2)	Black	N/A
		Prior to - 1989	BEL	9570790 and up			
40	4 cyl. Models w/ 2 piece steering arm & single tri	1989 - 1997	USA	0C159200 and up	N.L.A.	Black	N/A
			BEL	9570790 and up			
40	4 cyl. Models w/ 2 piece steering arm & single tri	1989 - 1997	USA	0C159200 and up	N.L.A.	Gray	N/A
			BEL	9570790 and up			
40	2 cylinder, 644 cc.	1994 - 1998	USA	0G053314 - 0G760299	821455T 8(2)(5)	Black	N/A
			BEL	9812719 - 0P016999			
40	2 cylinder, 644 cc.	1994 - 1998	USA	0G053314 - 0G760299	N.L.A.(9)	Gray	N/A
			BEL	9812719 - 0P016999			
40	2 cylinder, 644 cc.	1999 - 2023	USA	0G760300 and up	821455T 8(2)(5)	Black	N/A
		1999 - 2023	BEL	0P017000 and up			
40E / EL	2 cyl.(Japanese Origin) Without oil injection.			6E9 Series and up	95419A 1(3)	Gray	N/A
40E / EL	2 cyl.(Japanese Origin) With oil injection.			6E9 Series and up	95419A 1(4)	Gray	N/A
40	3 cylinder.	1997 1/2 - 1998	USA	0G531301 - 0G760299	828813A29(2)(4)	Black	N/A
			BEL	9973100 - 0P016999			
40	3 cylinder.	1997 1/2 - 1998	USA	0G531301 - 0G760299	828813A29(2)(4)(9)	Black	N/A
			BEL	9973100 - 0P016999			
40	3 cylinder.	1999 - 2005	USA	0G760300 - 1B226999	828813A29(2)(4)	Black	N/A
40	3 cylinder.	1999 - 2023	BEL	0P017000 and up	828813A29(2)(4)	Black	N/A
40 FourStroke	3 cyl. Carb	1999 - 2005	USA	0G760300 - 1B226999	821455A22(2)	Black	N/A
			BEL	0P094500 - 0P400999			
40 FourStroke	3 cyl. EFI	2002 - 2005	USA	0T409000 - 1B226999	821455A16(2)	Black	N/A
			BEL	0P153500 - 0P400999			
40 FourStroke	3 cyl. Manual-Short Shaft	2006	USA	1B227000 - 1B344398	821455A22(10)	Black	N/A
	3 cyl. EFI-Short Shaft	2006	USA	1B227000 - 1B344398	821455A17(2)(10)	Black	N/A
	3 cyl. EFI-Short Shaft only	2006	BEL	0P401000 - 0P515896	821455A17(2)(10)	Black	N/A
	3 cyl. EFI-Long Shaft	2006	CHN	1C000001 - 1C049738	821455A24(11)	Black	N/A
	3 cyl. EFI-Long Shaft	2006	BEL	0P401000 - 0P515896	821455A24(11)	Black	N/A
40 FourStroke	3 cyl. EFI	2007 - 2023	CHN	1C049739 and up	880093A03	Black	N/A
40 FourStroke	4 cylinder with Standard Gearcase	1996 - 1998	USA	0G231123 - 0G760299	828813A33	Black	N/A
					(9)	Gray	N/A
40 FourStroke	4 cylinder with BigFoot Gearcase	1996 - 1998	USA	0G231123 - 0G760299	N.L.A.	Black	N/A
					(9)	Gray	N/A
40 FourStroke	4 cylinder with Standard Gearcase	1999 - 2000	USA	0G760300 - 0T178499	828813A33	Black	N/A

Model	Model Notes	Year Range		Serial # Range	Tiller Handle Kit Part Number	Handle Color	Shift Attaching Kit
40 FourStroke	4 cylinder with BigFoot Gearcase	1999 - 2000	USA	0G760300 - 0T178499	N.L.A.	Black	N/A
40 FourStroke	4 cylinder Carb Model w/ BigFoot Gearcase 996 cc.	2001	USA	0T178500 - 0T408999	NLA	Black	N/A
			BEL	0P094500 - 0P153499			
40 FourStroke	4 cylinder EFI Model w/ BigFoot gearcase 996 cc.	2002 - 2005	USA	0T409000 - 1B226999	880095A05	Black	N/A
			BEL	0P153500 - 0P400999			
40 FourStroke	4 cylinder EFI Model w/BigFoot gearcase 996 cc.l	2006	USA	1B227000 - 1B344306	880095A04	Black	N/A
			BEL	0P401000 - 0P515896			
40 FourStroke	4 cylinder EFI Model w/BigFoot gearcase 996 cc.l	2006	CHN	1C000001 - 1C050251	880095A04	Black	N/A
40 FourStroke	4 cylinder EFI, Traditional Tiller	2007 - 2023	CHN	1C050252 and up	880093A03	Black	N/A
	Big Tiller for RC Models				NLA(16)	Black	N/A
	Big Tiller for Tiller Models				NLA(16)	Black	N/A
40 JET		2001 - 2023	USA	0T178500 and up	816366A48(2)	Black	850000A 2
			BEL	0P094500 and up			
40 JET FourStroke	4 cylinder EFI	2007 - 2023	CHN	1C051324 and up	N.L.A.	Black	N/A
45	4 cyl. w/2 pc steering arm & 2 trim cylinders	1989	USA	0C159200 and up	N.L.A.(2)	Black	N/A
			BEL	9570790 and up			
45 FourStroke	4 cylinder with Standard Gearcase	1996 - 1998	USA	0G231123 - 0G760299	828813A33	Black	N/A
45 FourStroke	4 cylinder with BigFoot Gearcase	1996 - 1998	USA	0G231123 - 0G760299	N.L.A.	Black	N/A
45 FourStroke	4 cylinder with Standard Gearcase	1999 - 2000	USA	0G760300 - 0T178499	828813A33	Black	N/A
45 FourStroke	4 cylinder with BigFoot Gearcase	1999 - 2000	USA	0G760300 - 0T178499	N.L.A.	Black	N/A
45 Jet		1994 - 1998	USA	0D182000 - 0G760299	N.L.A.(2)	Black	850000A 2
					N.L.A.(9)	Gray	850000A 2
45 Jet		1999 - 2000	USA	0G760300 - 0T178499	816366A48(2)	Black	850000A 2
50	Models w/2 pc steering arm & 2 trim cylinders	Prior to - 1989 1/2	USA	Prior to - 0C160935	N.L.A.(2)	Black	N/A
			BEL	Prior to - 9469199			
50	Models w/2 pc steering arm & single trim cylinder	1989 1/2 - 1990	USA	0C160936 - 0D042363	N.L.A.(2)	Black	N/A
			BEL	9469200 - 9671686			
50	51.8 CID	1991 - 1997	USA	0D042364 - 0G589999	N.L.A.(2)	Black	N/A
			BEL	9671687 - 9973099			
50	51.8 CID	1991 - 1997	USA	0D042364 - 0G589999	N.L.A.(9)	Gray	N/A
			BEL	9671687 - 9973099			
50	59 CID	1998	USA	0G590000 - 0G760299	828813A29(2)(4)	Black	N/A
			BEL	9973100 - 0P016999			
50	59 CID	1998	USA	0G590000 - 0G760299	828813A29(2)(4)(9)	Black	N/A
			BEL	9973100 - 0P016999			
50		1999 - 2023	USA	0G760300 and up	828813A29(2)(4)	Black	N/A
		1999 - 2023	BEL	0P017000 and up			
50 FourStroke	4 cylinder with Standard Gearcase	1996 - 1998	USA	0G231123 - 0G760299	828813A33	Black	N/A
50 FourStroke	4 cylinder with BigFoot Gearcase	1996 - 1998	USA	0G231123 - 0G760299	N.L.A.	Black	N/A
					(9)	Gray	N/A
50 FourStroke	4 cylinder with Standard Gearcase	1999 - 2000	USA	0G760300 - 0T178499	828813A33	Black	N/A
50 FourStroke	4 cylinder with BigFoot gearcase	1999 - 2000	USA	0G760300 - 0T178499	N.L.A.	Black	N/A
50 FourStroke	4 cylinder, Carbureted, 996 cc.	2001	USA	0T178500 - 0T408999	NLA	Black	N/A
			BEL	0P094500 - 0P253499			
50 FourStroke	4 cylinder, EFI, 996 cc.	2002 - 2005	USA	0T409000 - 1B226999	880095A05	Black	N/A
			BEL	0P153500 - 0P400999			
50 FourStroke	4 cylinder, EFI, 996 cc.	2006	USA	1B227000 - 1B344306	880095A04	Black	N/A
			BEL	0P400999 - 0P515896			
50 FourStroke	4 cylinder, EFI, 996 cc.	2006	CHN	1C000001 - 1C050251	880095A04	Black	N/A
50 FourStroke	4 cylinder EFI, Traditional Tiller	2007 - 2023	CHN	1C050252 and up	880093A03	Black	N/A
	Big Tiller for RC Models				NLA(16)	Black	N/A
	Big Tiller for H Models				NLA(16)	Black	N/A
60	Models w/2 pc steering arm & 2 trim cylinders	Prior to - 1989 1/2	USA	Prior to - 0C160935	N.L.A.(2)	Black	N/A

Model	Model Notes	Year Range		Serial # Range	Tiller Handle Kit Part Number	Handle Color	Shift Attaching Kit
			BEL	Prior to - 9469199			
60	Models w/2 pc steering arm & single trim cylinder	1989 1/2 - 1990	USA	0C160936 - 0D042363	N.L.A.(2)	Black	N/A
			BEL	9469200 - 9671686			
60		1991 - 1998	USA	0D042364 - 0G760299	N.L.A.(2)	Black	N/A
			BEL	9671687 - 0P016999			
60		1991 - 1998	USA	0D042364 - 0G760299	N.L.A.(9)	Gray	N/A
			BEL	9671687 - 0P016999			
60		1999 - 2023	USA	0G760300 and up	816366A48(2)	Black	N/A
			BEL	0P017000 and up			
60 FourStroke	4 cylinder, Carbureted, 996 cc.	2001	USA	0T178500 - 0T408999	NLA	Black	N/A
			BEL	0P094500 - 0P153499			
60 FourStroke	4 cylinder, EFI, 996 cc.	2002 - 2005	USA	0T409000 - 1B226999	880095A05	Black	N/A
			BEL	0P153500 - 0P400999			
60 FourStroke	4 cylinder, EFI, 996 cc.	2006	USA	1B227000 - 1B344306	880095A04	Black	N/A
			BEL	0P400999 - 0P515896			
60 FourStroke	4 cylinder, EFI, 996 cc.	2006	CHN	1C000001 - 1C050251	880095A04	Black	N/A
60 FourStroke	4 cylinder EFI, Traditional Tiller	2007 - 2023	CHN	1C050252 and up	880093A03	Black	N/A
	Big Tiller for RC Models				NLA(16)	Black	N/A
	Big Tiller for Tiller Models				NLA(16)	Black	N/A
65 Jet	3 cylinder	1993 - 1996	USA	0D182000 - 0G449550	N.L.A.	Black	850000A 3
					N.L.A.	Gray	850000A 3
65 Jet	3 cylinder	1997 - 1998	USA	0G449551 - 0G760299	12022A40	Black	850000A 3
					(9)	Gray	850000A 3
65 Jet	3 cylinder	1999 - 2023	USA	0G760300 and up	12022A40	Black	850000A 3
75		1993 - 1996	USA	0D182000 - 0G449550	N.L.A.	Black	N/A
			BEL	9742452 - 9934127			
75		1993 - 1996	USA	0D182000 - 0G449550	(9)	Gray	N/A
			BEL	9742452 - 9934127			
75		1997 - 2023	USA	0G449551 and up	12022A40	Black	N/A
			BEL	9934128 and up			
75 Optimax	1.5L, DFI	2005	USA	0T980000 - 1B226999	896648A07	Black	N/A
75 Optimax	1.5L, DFI	2006 - 2023	USA	1B227000 and up	NLA	Black	N/A
	Big Tiller, Power Steering				NLA	Black	N/A
	Big Tiller, non-Power Steering				NLA	Black	N/A
75 FourStroke	4 cyl. Carb	2000 - 2003	USA	OG960500 - 0T800749	NLA	Black	N/A
75 FourStroke	4 cyl. Carb w/EZ shift gearcase	2004 - 2005	USA	0T800750 - 1B226999	816366A32 (17)	Black	N/A
75 FourStroke	4 cylinder, EFI	2005	USA	0T980000 - 1B226999	N.L.A.(8)	Black	N/A
75 FourStroke	4 cylinder, EFI	2006	USA	1B227000 - 1B366822	N.L.A.	Black	N/A
75 FourStroke, 1.7L	4 cylinder, EFI, Traditional Tiller	2006 - 2014	USA	1B366823 - 2B094955	NLA	Black	N/A
	Big Tiller, Power Steering				NLA(16)	Black	N/A
	Big Tiller, non-Power Steer				NLA(16)	Black	N/A
80 Jet	4 cylinder	1997 - 1998	USA	0G449551 - 0G760299	12022A41	Black	850000A 3
80 Jet	4 cylinder	1997 - 1998	USA	0G449551 - 0G760299	12022A41	Black	850000A 3
80 Jet	4 cylinder	1999 - 2006	USA	0G760300 - 1B261437	12022A41	Black	850000A 3
90		1993 - 1996	USA	0D182000 - 0G449550	N.L.A.	Black	N/A
			BEL	9742452 - 9934127			
90		1993 - 1996	USA	0D182000 - 0G449550	(9)	Gray	N/A
			BEL	9742452 - 9934127			
90		1997 - 2023	USA	0G449551 and up	12022A40	Black	N/A
			BEL	9934128 and up			
90 Optimax	1.5L, DFI	2005	USA	0T980000 - 1B226999	896648A07	Black	N/A
90 Optimax	1.5L, DFI	2006 - 2023	USA	1B227000 and up	NLA	Black	N/A
	Big Tiller, Power Steering				NLA(16)	Black	N/A
	Big Tiller, non-Power Steer				NLA(16)	Black	N/A
90 FourStroke	4 cyl. Carb	2000 - 2003	USA	OG960500 - 0T800749	NLA	Black	N/A
90 FourStroke	4 cyl. Carb w/EZ shift gearcase	2004 - 2005	USA	0T800750 - 1B226999	816366A32 (17)	Black	N/A

Model	Model Notes	Year Range		Serial # Range	Tiller Handle Kit Part Number	Handle Color	Shift Attaching Kit
90 FourStroke	4 cylinder, EFI	2005	USA	0T980000 - 1B226999	N.L.A.(8)	Black	N/A
90 FourStroke	4 cylinder, EFI	2006	USA	1B227000 - 1B366822	N.L.A.	Black	N/A
90 FourStroke, 1.7L	4 cylinder, EFI, Traditional Tiller	2006 - 2014	USA	1B366823 - 2B094955	NLA	Black	N/A
	Big Tiller, Power Steering				NLA(16)	Black	N/A
	Big Tiller, non-Power Steering				NLA(16)	Black	N/A
100		1997 - 1999	USA	0G449551 - 0G965520	12022A41	Black	N/A
			BEL	9934128 - 0P058999			
115		1997 - 2023	USA	0G449551 and up	12022A41	Black	N/A
			BEL	9934128 and up			
115 Optimax	1.5L, DFI	2004 - 2005	USA	0T801000 - 1B226999	896648A07	Black	N/A
115 Optimax	1.5L, DFI	2006 - 2023	USA	1B227000 and up	NLA	Black	N/A
	Big Tiller, Power Steering				NLA(16)	Black	N/A
	Big Tiller, non-Power Steering				NLA(16)	Black	N/A
115 FourStroke	EFI	2001 - 2003	USA	0T178500 - 0T800749	NLA	Black	N/A
115 FourStroke	EFI	2004 - 2005	USA	0T800750 - 1B226999	816366A32 (17)	Black	N/A
115 FourStroke	EFI	2006	USA	1B227000 - 1B366822	N.L.A.	Black	N/A
115 FourStroke, 1.7L	EFI	2006 - 2014	USA	1B366823 - 2B094955	NLA	Black	N/A
	Big Tiller, Power Steering				NLA(16)	Black	N/A
	Big Tiller, non-Power Steering				NLA(16)	Black	N/A
125		1997 - 2023	USA	0G449551 and up	12022A41	Black	N/A
			BEL	9934128 and up			
150 EFI FourStroke	Non-DTS, Big Tiller, Power Steering	2011 - 2023	USA		NLA(16)	Black	N/A
135-250 Optimax	Non-DTS, Big Tiller, Power Steering	2006 - 2023	USA	1B227000 and up	NLA(16)	Black	N/A
135-200 L4 Verado	DTS, Big Tiller, Power Steering	2006 - 2023	USA	1B227000 and up	8M0134609(16)	Black	N/A

(1) Tiller handle harness button 87-823609A 7 or transom mounted keyswitch 15000A 7 required to complete conversion.

(2) Conversion of power trim models will require a suitable power trim switch.

(3) Keyswitch panel 47974A10 required to complete conversion.

(4) Transom mounted ignition keyswitch 15000A 7 required to complete conversion.

(5) Transom mounted ignition keyswitch 15000A 7 and neutral interlock 87-813960A 4 required to complete conversion.

(8) On-engine adapter harness 84-858740T06 also required.

(9) Gray kits are no longer available.

(10) Has Vertical actuated shift.

(11) Has Rotary actuated shift.

(12) Converts an MRC to an MH model.

(13) Converts an ERC to an EH model. PT models may require trim switch. See part record.

(14) Engines requiring SAE style ended throttle/shift cables.

(15) Engines requiring Mercury style ended throttle/shift cables.

(16) Order Throttle/Shift cables separate depending on engine application.

(17) Available at Seaway Marine 206-937-7373 (USA) or seawaymarine.com

CO-PILOT KIT

Stabilizes or restricts engine when placed in a full tilt position to aid in keeping it from bouncing and contacting other surrounding surfaces.

CO-PILOT KIT

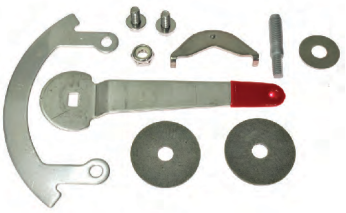


898103A92

Intended for use on models that are not originally furnished with co-pilot components. The owner's manual should be consulted for important steering friction information.

Fits Mercury/Mariner 25 hp. & 30 hp. EFI FourStroke outboards (JPN 0R106999 & above, BEL 0P401000 & above).

CO-PILOT KIT



98-**8M0140877**

Intended for use on models that are not originally furnished with co-pilot components.

15/20 EFI FourStroke outboard, 0R833820 and above.

SAIL CO-PILOT KIT



8M0097129

Locks the engine in the straight position, allowing boat to be steered with auxiliary rudder.

F4/5/6 hp Sail-Power outboards.

TILLER HANDLE BRACKET

Provides attaching point for some co-pilot kits.

STEERING BRACKET WITHOUT CARRYING HANDLE

Used with single RideGuide steering to convert tiller handle models to remote steering.

STEERING BRACKET WITHOUT CARRYING HANDLE



816667A 2

Fits Mercury/Mariner 30/40 hp. (2 cylinder) 2 cycle outboards (USA 0G055314 and newer, BEL 9854537 and newer) and 25/30/40/45/50 hp. 4-Stroke outboards.

OUTBOARD RIGGING HOSE KIT

Used to enclose remote harness, hoses, cables, etc. between engine cowl and boat transom.

RIGGING TUBE KIT



32-**8M0062693**

Rigging Tube kit includes 5 ft. length (2 inch diameter x 2.3 threads per inch) tube that screws into the fitting coming out of the engine. Includes new grommet 8M0061160 that is used when installing rigging tubes. Remove existing grommet from cowl and replace with this grommet.

Used on 150 EFI 4-Stroke engine only

32-**825191A03**

Rigging Tube kit includes 5 ft. length (2 inch diameter x 2.3 threads per inch) tube that screws into the fitting coming out of the Verado. If OptiMax engine, requires the use of the clamp to attach to fitting coming out of engine. Included in the kit is plastic transom fitting that screws to the tube and can be fastened to the boat.

2005 and newer Verado engines as well as all Opti Max engines

HOSE-60 INCHES



32-**8M0204713**

Rigging hose, 60 inches.

RIGGING HOSE

32-**859055 50**

Replacement Hose, furnished in a 50 ft. bulk length that can be cut to required length.

Fits various Mercury / Mariner V-6 outboards. See application chart for specific engine models.

Priced individually, sold @ multiples of 2

COWL FITTING



875266A 2

Used on engine end of rigging hose.

Fits various Mercury / Mariner V-6 outboards. Furnished standard with the engines beginning with model year 2,000. See application chart for specific engine models.

COWL FITTING



8M8027677

Used on engine end of rigging hose.

Fits various Mercury / Mariner V-6 outboards. Furnished standard with the engines beginning with model year 2,000.

RIGGING TUBE KIT



32-**842756T01**

Mercury Racing version, the cowl fitting bolts firmly into place. Because the 2-1/2 inch tubing threads into the one piece couplers instead of over them, greater clearance is achieved for outboard rigging hardware including throttle cables, electronics cables, steering lines, and fuel lines. The durable hose and one piece couplers provide a complete seal at both the engine and boat ends. Hose length is 5 feet.

Fits all production 3.0 liter V-6 EFI and OptiMax cowls as well as Racing 3.0 liter OptiMax cowls.

RIGGING HOSES CHART - MERCURY/MARINER

Mercury/Mariner Rigging Hoses

Model	Brand	Year Range	Country	Serial # Range	Rigging Hose Kit Part Number	Cowl Fitting Required
2.0L V-6	Mercury/Mariner	1996 - 1999	USA	0G303046 - 0G949999	32-825191A03	875266A 2
2.0L V-6	Mercury/Mariner	2000 - 2023	USA	0T065504 and up	32-825191A03	Incl. With Engine
2.5L V-6	Mercury/Mariner	1996 - 1999	USA	0G303046 - 0G949999	32-825191A03	875266A 2
2.5L V-6	Mercury/Mariner	2000 - 2023	USA	0T065504 and up	32-825191A03	Incl. With Engine
2.5L OPTIMAX	Mercury/Mariner	1998 - 1999	USA	0G590000 - 0G949999	32-825191A03	875266A 2
2.5L OPTIMAX	Mercury/Mariner	2000 - 2023	USA	0T065504 and up	32-825191A03	Incl. With Engine
3.0L V-6	Mercury/Mariner	1994 - 1999	USA	0D280813 - 0G949999	32-825191A03	875266A 2
3.0L V-6	Mercury/Mariner	2000 - 2023	USA	0T014000 and up	32-825191A03	Incl. With Engine
3.0L DFI	Mercury/Mariner	1997	USA	0G386496 - 0G589999	32-825191A03	875266A 2
3.0L OPTIMAX	Mercury/Mariner	1998 - 1999	USA	0G590000 - 0G949999	32-825191A03	8M8027677
3.0L OPTIMAX	Mercury/Mariner	2000 - 2023	USA	0T014000 and up	32-825191A03	Incl. With Engine
225 EFI FourStroke	Mercury/Mariner	2003 - 2023	USA	0T635945 and up	32-825191A03	Incl. With Engine
Verado	Mercury/Mariner	2005 - 2023	USA	0T980000 and up	32-825191A03	Incl. With Engine
150 EFI FourStroke	Mercury/Mariner	2011 - 2023	USA	1B905505 and up	32-8M0062693	Incl. With Engine

SHALLOW WATER DRIVE KIT

Provides a tilt mechanism to allow for trolling or low speed running in the sixth tilt pin position.

SHALLOW WATER DRIVE KIT



12756A 1

This kit is designed to be added to remote control models. It is furnished standard on the tiller handle models.

Fits Mercury/Mariner 20/25 hp. 2 cycle models (1986 and Newer), 9.9 hp. FourStroke models (1999-2004) and 15 hp. FourStroke (323cc).

SIDESHIFT CONVERSION KIT

Converts a tiller handle shift to a side shift.

SIDESHIFT CONVERSION KIT



821190A 1

1992 and older.

Fits Mercury / Mariner 6-15 hp. 2 cycle outboards (USA 0A197112-0D181999, BEL 9461526-9740999).

821190A 3

1993 and newer.

Fits Mercury/Mariner 6-15 hp. 2 cycle outboards (USA 0D182000 and Newer, BEL 9741000 and Newer).

EXTENSION KIT - 5 INCH (127MM)

A motor leg spacer kit providing 5" (127mm) of extension.

5 INCH EXTENSION KIT



8M0128829

Painted black, converts 20 inch (508mm) to 25 inch (635mm)

Fits Mercury 25/30 hp fourstroke outboards, 0R106999 and up.

5 INCH EXTENSION KIT



12092A13

Painted black, converts 20" (508mm) to 25" (635mm).

Fits various Mercury 70-125 hp. 2 cycle outboards (1998) and Mercury / Mariner 70-125 hp. 2 cycle outboards (1999 and Newer). See application chart for specific engine models.

5 INCH EXTENSION KIT

Image not Available.

8M0137852

Painted black, converts 20" (508mm) to 25" (635 mm).

15/20 EFI FourStroke outboard, 0R833820 and above.

5 INCH EXTENSION KIT



12092A19

Painted black, converts 20" (508 mm) to 25" (635 mm).

Fits Mercury/Mariner 75/90/115 FourStroke (1.7L) outboards with serial number USA 1B366823-2B094955.

5 INCH EXTENSION KIT



12092A20

Painted black, converts 20" (508 mm) to 25" (635 mm).

Fits Mercury/Mariner 40/50/60 Bigfoot FourStroke outboards (CHN 1C050252 & above, BEL 0P401000 & above)

5 INCH EXTENSION KIT



8M0105089

Painted, converts 20 in. (508MM) to 25 in. (635MM).

Fits Mercury/Mariner 75-115 FourStroke (2.1L) standard gearcase outboards beginning with serial number USA 2B094996 & Up.

8M0105090

Painted, converts 20 in. (508MM) to 25 in. (635MM).

Fits Mercury/Mariner 75-115 FourStroke (2.1L) Command Thrust (CT) gearcase outboards beginning with serial number USA 2B094996 & Up.

5 INCH EXTENSION KIT



8M0105087

Converts 20 inch (508mm) L model to a 25 inch (635mm) XL model.

Fits the Mercury/Mariner F150 hp. EFI FourStroke 4 cylinder outboard.

EXTENSION KIT - 2 1/2 INCH (64MM)

2 1/2 INCH EXTENSION KIT



816696A 1

Painted black, converts 20 in. (508mm) to 22 1/2 in. (572mm).

Fits various Mercury/Mariner 50/55/60 hp. 2 cycle outboards. See application chart for specific engine models.

DRIVESHAFT HOUSING SPACER KITS - "NEW" V6 (3.4L) & V8 (4.6L)

5 INCH SPACER KIT (BLACK)

Image not Available.

8M0142779

Must purchase spacer kit and a driveshaft extension kit to do a complete installation on the NEW V6 and V8 FourStroke outboards. The max extension length available is Extra Extra Long (XXL), measuring at 76.2CM (30in.).

NEW V6 (3.4L) & V8 (4.6L0 FourStroke outboards. The XXL driveshaft option cannot be installed on the standard 300HP CMS egnines, however it can be installed on the 300HP SeaPro.

5 INCH SPACER KITS (SILVER)



8M0147047

Must purchase spacer kit and a driveshaft extension kit to do a complete installation on the NEW V6 and V8 FourStroke outboards. The max extension length available is Extra Extra Long (XXL), measuring at 76.2CM (30in.).

NEW V6 (3.4L) & V8 (4.6L) FourStroke outboards. The XXL driveshaft option cannot be installed on the standard 300HP CMS egnines, however it can be installed on the 300HP SeaPro.

10 INCH SPACER KIT (BLACK)



8M0142787

Must purchase spacer kit and a driveshaft extension kit to do a complete installation on the NEW V6 and V8 FourStroke outboards. The max extension length available is Extra Extra Long (XXL), measuring at 76.2CM (30in.).

NEW V6 (3.4L) & V8 (4.6L) FourStroke outboards. The XXL driveshaft option cannot be installed on the standard 300HP CMS egnines, however it can be installed on the 300HP SeaPro.

10 INCH SPACER KIT (SILVER)



8M0147046

Must purchase spacer kit and a driveshaft extension kit to do a complete installation on the NEW V6 and V8 FourStroke outboards. The max extension length available is Extra Extra Long (XXL), measuring at 76.2CM (30in.).

NEW V6 (3.4L) & V8 (4.6L) FourStroke outboards. The XXL driveshaft option cannot be installed on the standard 300HP CMS egnines, however it can be installed on the 300HP SeaPro.

DRIVESHAFT HOUSING EXTENSION KITS - "NEW" V6 (3.4L) & V8 (4.6L)

DRIVESHAFT EXTENSION KIT - L



45-**8M0168203**

4.8 In. gearcase long shaft 50.8cm (20in.). Must also purchase spacer kit to do complete extension installation.

NEW V6 (3.4L) & V8 (4.6L) FourStroke outboards. The XXL driveshaft option cannot be installed on the standard 300HP CMS egnines, however it can be installed on the 300HP SeaPro.

OUTBOARD

DRIVESHAFT EXTENSION KIT - XL

45-8M0168206

4.8In. gearcase extra long shaft 63.5cm (25in.). Must also purchase spacer kit to do complete extension installation.

NEW V6 (3.4L) & V8 (4.6L) FourStroke outboards. The XXL driveshaft option cannot be installed on the standard 300HP CMS egnines, however it can be installed on the 300HP SeaPro.

DRIVESHAFT EXTENSION KIT

45-8M0168209

XX-Long

Fits 175hp 3.4L V6, 200hp 3.4L V6, and 225hp 3.4L V6

45-8M0168204

Long

Fits 200-300hp 4.6L V8 ProXS, 250-300hp Racing 4.6L V8

45-8M0168208

X-Long

Fits 175-225hp 3.4L V6, 250-300hp 4.6L V8 SeaPro, 200hp 3.4L V6 SeaPro, 200-450hp Racing 4.6L V8, 225-300hp 4.6L V8 ProXS, 250-300hp 4.6L V8 Verado

DRIVESHAFT EXTENSION KIT - XXL

45-8M0168210

5.44in. gearcase extra extra long 76.2cm (30in.). Must also purchase spacer kit to do complete extension installation.

NEW V6 (3.4L) & V8 (4.6L) FourStroke outboards. The XXL driveshaft option cannot be installed on the standard 300HP CMS egnines, however it can be installed on the 300HP SeaPro.

DRIVESHAFT EXTENSION CHART

Mercury/Mariner/Force/Chrysler Extension Kits

Model	Brand	Model Note	Year Range		Serial # Range	Converts 15 Inch (381 mm) To 20 Inch (508 mm)	Converts 20 Inch (508 mm) To 22 1/2 Inch (572 mm)	Converts 20 Inch (508 mm) To 25 Inch (635 mm)	Color
3.5	Chrysler			USA		N.L.A.	N/A	N/A	Unpainted
4	Chrysler			USA		N.L.A.	N/A	N/A	Unpainted
4	Force		1984 - 1987	USA	E000001 and up	N.L.A.	N/A	N/A	Unpainted
4	Mercury	With thru hub exhaust	1987 - 1998	USA	0A809601 - 0G710612	N.L.A.	N/A	N/A	Black
4	Mercury	With thru hub exhaust	1987 - 1998	BEL	9477830 - 0P016999	N.L.A.	N/A	N/A	Black
4	Mariner	With thru hub exhaust	1987 - 1998	USA	0A809601 - 0G710613	N.L.A.	N/A	N/A	Black
4	Mariner	With thru hub exhaust	1987 - 1998	BEL	9477830 - 0P016999	N.L.A.	N/A	N/A	Black
4	Mercury/Mariner		1999 - 2023	USA	0G710613 and up	N.L.A.	N/A	N/A	Black
4	Mercury/Mariner		1999 - 2023	BEL	0P017000 and up	N.L.A.	N/A	N/A	Black
4 FourStroke	Mercury/Mariner		1999 - 2023	JPN	0R000001 and up	N.L.A.	N/A	N/A	Black
4 FourStroke	Mercury/Mariner		1999 - 2023	BEL	0P073456 and up	N.L.A.	N/A	N/A	Black
5	Force		1988 - 2023	USA	E000001 and up		N/A	N/A	Unpainted
5	Mercury	With thru hub exhaust	1987 - 1998	USA	0A809601 - 0G710612	N.L.A.	N/A	N/A	Black
5	Mercury	With thru hub exhaust	1987 - 1998	BEL	9477830 - 0P016999	N.L.A.	N/A	N/A	Black
5	Mariner	With thru hub exhaust	1987 - 1998	USA	0A809601 - 0G710612	N.L.A.	N/A	N/A	Black
5	Mariner	With thru hub exhaust	1987 - 1998	BEL	9477830 - 0P016999	N.L.A.	N/A	N/A	Black
5	Mercury/Mariner		1999 - 2023	USA	0G710613 and up	N.L.A.	N/A	N/A	Black
5	Mercury/Mariner		1999 - 2023	BEL	0P017000 and up	N.L.A.	N/A	N/A	Black
5 FourStroke	Mercury/Mariner		1999 - 2023	JPN	0R000001 and up	N.L.A.	N/A	N/A	Black
5 FourStroke	Mercury/Mariner		1999 - 2023	BEL	0P073456 and up	N.L.A.	N/A	N/A	Black
6	Mercury		1986 - 1993	USA	0A197112 - 0D280999	N/A	N/A	N.L.A.	Black
6	Mercury		1986 - 1993	BEL	9461526 - 9792199	N/A	N/A	N.L.A.	Black
6	Mariner		1986 - 1993	USA	0A197112 - 0D280999	N/A	N/A	N.L.A.	Black
6	Mariner		1986 - 1993	BEL	9461526 - 9792199	N/A	N/A	N.L.A.	Black
6	Mercury		1994	USA	0D281000 - 0G077360	N/A	N/A	N.L.A.	Black
6	Mercury		1994	BEL	9792200 - 9831799	N/A	N/A	N.L.A.	Black
6	Mariner		1994	USA	0D281000 - 0G077360	N/A	N/A	N.L.A.	Gray
6	Mariner		1994	BEL	9792200 - 9831799	N/A	N/A	N.L.A.	Gray
6	Mercury		1995 - 1998	USA	0G077361 - 0G760299	N/A	N/A	N.L.A.	Black
6	Mercury		1995 - 1998	BEL	9831800 - 0P016999	N/A	N/A	N.L.A.	Black
6	Mariner		1995 - 1998	USA	0G077361 - 0G760299	N/A	N/A	N.L.A.	Gray
6	Mariner		1995 - 1998	BEL	9831800 - 0P016999	N/A	N/A	N.L.A.	Gray
6	Mercury/Mariner		1999 - 2003	USA	0G760300 - 0T800749	N/A	N/A	N.L.A.	Black
6	Mercury/Mariner		1999 - 2003	BEL	0P017000 and up	N/A	N/A	N.L.A.	Black
6 FourStroke	Mercury/Mariner		1999 - 2023	JPN	0R000001 and up	N.L.A.	N/A	N/A	Black
6 FourStroke	Mercury/Mariner		1999 - 2023	BEL	0P073456 and up	N.L.A.	N/A	N/A	Black
8	Mercury		1986 - 1993	USA	0A197112 - 0D280999	N/A	N/A	N.L.A.	Black

Model	Brand	Model Note	Year Range		Serial # Range	Converts 15 Inch (381 mm) To 20 Inch (508 mm)	Converts 20 Inch (508 mm) To 22 1/2 Inch (572 mm)	Converts 20 Inch (508 mm) To 25 Inch (635 mm)	Color
8	Mercury		1986 - 1993	BEL	9461526 - 9792199	N/A	N/A	N.L.A.	Black
8	Mariner		1986 - 1993	USA	0A197112 - 0D280999	N/A	N/A	N.L.A.	Black
8	Mariner		1986 - 1993	BEL	9461526 - 9792199	N/A	N/A	N.L.A.	Black
8	Mercury		1994	USA	0D281000 - 0G077360	N/A	N/A	N.L.A.	Black
8	Mercury		1994	BEL	9792200 - 9831799	N/A	N/A	N.L.A.	Black
8	Mariner		1994	USA	0D281000 - 0G077360	N/A	N/A	N.L.A.	Gray
8	Mariner		1994	BEL	9792200 - 9831799	N/A	N/A	N.L.A.	Gray
8	Mercury		1995 - 1998	USA	0G077361 - 0G760299	N/A	N/A	N.L.A.	Black
8	Mercury		1995 - 1998	BEL	9831800 - 0P016999	N/A	N/A	N.L.A.	Black
8	Mariner		1995 - 1998	USA	0G077361 - 0G760299	N/A	N/A	N.L.A.	Gray
8	Mariner		1995 - 1998	BEL	9831800 - 0P016999	N/A	N/A	N.L.A.	Gray
8	Mercury/Mariner		1999 - 2006	USA	0G760300 and up	N/A	N/A	N.L.A.	Black
8	Mercury/Mariner		1999 - 2006	BEL	0P017000 and up	N/A	N/A	N.L.A.	Black
8 FourStroke	Mercury	232 CC.	1995 - 1998	USA	0H000058 - 0H017099	N/A	N/A	N.L.A.	Black
8 FourStroke	Mariner	232 CC.	1995 - 1998	USA	0H000058 - 0H017099	N/A	N/A	N.L.A.	Gray
8 FourStroke	Mercury/Mariner	232 CC.	1999	USA	0H017100 - 0H017349	N/A	N/A	N.L.A.	Black
8 FourStroke	Mercury/Mariner	232 CC.	1999 - 2000	USA	0G760300 and up	N/A	N/A	N.L.A.	Black
8 FourStroke	Mercury/Mariner	323 CC.	2001 - 2004	BEL	0P086824 - 0P325499	N/A	N/A	N.L.A.	Black
8 FourStroke	Mercury/Mariner		2005 - 2023	JPN	0R042475 and up	N/A	N/A	853783A06	Black
8 FourStroke	Mercury/Mariner		2005 - 2023	BEL	0P325500 and up	N/A	N/A	853783A06	Black
9.9	Chrysler	Low profile only.		USA		N.L.A.	N/A	N/A	N/A
9.9	Force	Low profile only.		USA	E000001 and up	N.L.A.	N/A	N/A	N/A
9.9	Mercury		1986 - 1993	USA	0A197112 - 0D280999	N/A	N/A	N.L.A.	Black
9.9	Mercury		1986 - 1993	BEL	9461526 - 9792199	N/A	N/A	N.L.A.	Black
9.9	Mariner		1986 - 1993	USA	0A197112 - 0D280999	N/A	N/A	N.L.A.	Black
9.9	Mariner		1986 - 1993	BEL	9461526 - 9792199	N/A	N/A	N.L.A.	Black
9.9	Mercury		1994	USA	0D281000 - 0G077360	N/A	N/A	N.L.A.	Black
9.9	Mercury		1994	BEL	9792200 - 9831799	N/A	N/A	N.L.A.	Black
9.9	Mariner		1994	USA	0D281000 - 0G077360	N/A	N/A	N.L.A.	Gray
9.9	Mariner		1994	BEL	9792200 - 9831799	N/A	N/A	N.L.A.	Gray
9.9	Mercury		1995 - 1998	USA	0G077361 - 0G760299	N/A	N/A	N.L.A.	Black
9.9	Mercury		1995 - 1998	BEL	9831800 - 0P016999	N/A	N/A	N.L.A.	Black
9.9	Mariner		1995 - 1998	USA	0G077361 - 0G760299	N/A	N/A	N.L.A.	Gray
9.9	Mariner		1995 - 1998	BEL	9831800 - 0P016999	N/A	N/A	N.L.A.	Gray
9.9	Mercury/Mariner		1999 - 2006	USA	0G760300 and up	N/A	N/A	N.L.A.	Black
9.9	Mercury/Mariner		1999 - 2006	BEL	0P017000 and up	N/A	N/A	N.L.A.	Black
9.9 FourStroke	Mercury	232 CC.	1995 - 1998	USA	0H000058 - 0H016909	N/A	N/A	N.L.A.	Black
9.9 FourStroke	Mariner	232 CC.	1995 - 1998	USA	0H000058 - 0H016909	N/A	N/A	N.L.A.	Gray
9.9 FourStroke	Mercury/Mariner	323 CC.	1999 - 2004	USA	0G760300 - 0T979999	N/A	N/A	N.L.A.	Black
9.9 FourStroke	Mercury/Mariner	323 CC.	1999 - 2004	BEL	0P075166 - 0P325499	N/A	N/A	N.L.A.	Black
9.9 FourStroke	Mercury/Mariner	Standard Gearcase	2005 - 2023	JPN	0R042475 and up	N/A	N/A	853783A06	Black
9.9 FourStroke	Mercury/Mariner	Standard Gearcase	2005 - 2023	BEL	0P325500 and up	N/A	N/A	853783A06	Black
9.9 FourStroke	Mercury/Mariner	BigFoot Gearcase	2005 - 2023	JPN	0R052328 and up	N/A	N/A	853783A05	Black
9.9 FourStroke	Mercury/Mariner	BigFoot Gearcase	2005 - 2023	BEL	0P325500 and up	N/A	N/A	853783A05	Black
12.9	Chrysler		1968 - 1983	USA		N.L.A	N/A	N/A	N/A
15	Force	Low profile only.	1984 - 1997	USA	E000001 - E287999	N.L.A.	N/A	N/A	N/A
15	Mercury		1986 - 1993	USA	0A197112 - 0D280999	N/A	N/A	N.L.A.	Black
15	Mercury		1986 - 1993	BEL	9461526 - 9792199	N/A	N/A	N.L.A.	Black
15	Mariner		1986 - 1993	USA	0A197112 - 0D280999	N/A	N/A	N.L.A.	Black
15	Mariner		1986 - 1993	BEL	9461526 - 9792199	N/A	N/A	N.L.A.	Black
15	Mercury		1994	USA	0D281000 - 0G077360	N/A	N/A	N.L.A.	Black
15	Mercury		1994	BEL	9792200 - 9831799	N/A	N/A	N.L.A.	Black
15	Mariner		1994	USA	0D281000 - 0G077360	N/A	N/A	N.L.A.	Gray
15	Mariner		1994	BEL	9792200 - 9831799	N/A	N/A	N.L.A.	Gray

Model	Brand	Model Note	Year Range		Serial # Range	Converts 15 Inch (381 mm) To 20 Inch (508 mm)	Converts 20 Inch (508 mm) To 22 1/2 Inch (572 mm)	Converts 20 Inch (508 mm) To 25 Inch (635 mm)	Color
15	Mercury		1995 - 1998	USA	0G077361 - 0G760299	N/A	N/A	N.L.A.	Black
15	Mercury		1995 - 1998	BEL	9831800 - 0P016999	N/A	N/A	N.L.A.	Black
15	Mariner		1995 - 1998	USA	0G077361 - 0G760299	N/A	N/A	N.L.A.	Gray
15	Mariner		1995 - 1998	BEL	9831800 - 0P016999	N/A	N/A	N.L.A.	Gray
15	Mercury/Mariner		1999 - 2006	USA	0G760300 and up	N/A	N/A	N.L.A.	Black
15	Mercury/Mariner		1999 - 2006	BEL	0P017000 and up	N/A	N/A	N.L.A.	Black
15 FourStroke	Mercury		1998	USA	0G590000 - 0G760299	N/A	N/A	N.L.A.	Black
15 FourStroke	Mariner		1998	USA	0G590000 - 0G760299	N/A	N/A	N.L.A.	Gray
15 FourStroke	Mercury/Mariner	323cc	1999 - 2008	USA	0G760300 and up	N/A	N/A	N.L.A.	Black
15 FourStroke	Mercury/Mariner	323cc	1999 - 2008	BEL	0P075166 and up	N/A	N/A	N.L.A.	Black
15 EFI FourStroke	Mercury/Mariner		2018 - 2023	JPN	0R833820 and up	N/A	N/A	8M0137852	Black
20 EFI FourStroke	Mercury/Mariner		2018 - 2023	JPN	0R833820 and up	N/A	N/A	8M0137852	Black
25 (4-Stroke)	Mercury/Mariner	Carb Model Only	1998 - 2005	USA	0G590000 - 1B344298	N/A	NLA	N/A	Black
30/40	Mercury	2 cylinder	1994 - 1998	USA	0G055314 - 0G760299	N/A	N.L.A.	N/A	Black
30/40	Mercury	2 cylinder	1994 - 1998	BEL	9854537 - 0P016999	N/A	N.L.A.	N/A	Black
30/40	Mariner	2 cylinder	1994 - 1998	USA	0G055314 - 0G760299	N/A	N.L.A.	N/A	Gray
30/40	Mariner	2 cylinder	1994 - 1998	BEL	9854537 - 0P016999	N/A	N.L.A.	N/A	Gray
30/40	Mercury/Mariner	2 cylinder	1999 - 2006	USA	0G760300 and up	N/A	N.L.A.	N/A	Black
30/40	Mercury/Mariner	2 cylinder	1999 - 2006	BEL	0P017000 and up	N/A	N.L.A.	N/A	Black
30 FourStroke	Mercury/Mariner	3 cylinder	1999 - 2005	USA	0G760300 - 1B226999	N/A	N.L.A.	N/A	Black
40	Mercury	3 cylinder, 59 CID	1997 1/2 - 1998	USA	0G531301 - 0G760299	N/A	N.L.A.	N/A	Black
40	Mercury	3 cylinder, 59 CID	1997 1/2 - 1998	BEL	9973100 - 0P016999	N/A	N.L.A.	N/A	Black
40	Mariner	3 cylinder, 59 CID	1997 1/2 - 1998	USA	0G531301 - 0G760299	N/A	N.L.A.	N/A	Gray
40	Mariner	3 cylinder, 59 CID	1997 1/2 - 1998	BEL	9973100 - 0P016999	N/A	N.L.A.	N/A	Gray
40	Mercury/Mariner	3 cylinder, 59 CID	1999 - 2006	USA	0G760300 and up	N/A	N.L.A.	N/A	Black
40	Mercury/Mariner	3 cylinder, 59 CID	1999 - 2006	BEL	0P017000 and up	N/A	N.L.A.	N/A	Black
40 FourStroke	Mercury	4 cylinder	1995 - 1998	USA	0G231123 - 0G760299	N/A	N.L.A.	N/A	Black
40 FourStroke	Mariner	4 cylinder	1995 - 1998	USA	0G231123 - 0G760299	N/A	N.L.A.	N/A	Gray
40 FourStroke	Mercury/Mariner	4 cylinder	1999 - 2000	USA	0G760300 and up	N/A	N.L.A.	N/A	Black
40 FourStroke	Mercury/Mariner	4 Cylinder with BigFoot gearcase 996 cc.	2001 - 2006	USA	0T178500 - 1C050251	N/A	N/A	12092A18	Black
40 FourStroke	Mercury/Mariner	4 cylinder with BigFoot gearcase 996 cc.	2001 - 2006	BEL	0P094500 - 0P400999	N/A	N/A	12092A18	Black
40 FourStroke	Mercury/Mariner	4 cylinder with BigFoot gearcase 996 cc.	2006 - 2023	CHN	1C050252 and up	N/A	N/A	12092A20	Black
40 FourStroke	Mercury/Mariner	4 cylinder with BigFoot gearcase 996 cc.	2006 - 2023	BEL	0P401000 and up	N/A	N/A	12092A20	Black
40 FourStroke	Mercury/Mariner	3 cylinder	1999 - 2005	USA	0G760300 - 1B226999	N/A	N.L.A.	N/A	Black
40 FourStroke	Mercury/Mariner	3 cylinder, BigFoot	2000 - 2005	USA	0G960500 - 1B226999	N/A	N/A	N.L.A.	Black
45 FourStroke	Mercury	4 cylinder	1995 - 1998	USA	0G231123 - 0G760299	N/A	N.L.A.	N/A	Black
45 FourStroke	Mariner	4 cylinder	1995 - 1998	USA	0G231123 - 0G760299	N/A	N.L.A.	N/A	Gray
45 FourStroke	Mercury/Mariner	4 cylinder	1999 - 2000	USA	0G760300 and up	N/A	N.L.A.	N/A	Black
50	Mercury	3 cylinder, 51.8 CID	1991 - 1997	USA	0D000750 - 0G589999	N/A	816696A 1	N/A	Black
50	Mercury	3 cylinder, 51.8 CID	1991 - 1997	BEL	9682500 - 9973099	N/A	816696A 1	N/A	Black
50	Mariner	3 cylinder, 51.8 CID	1991 - 1997	USA	0D000750 - 0G589999	N/A	N.L.A.	N/A	Gray
50	Mariner	3 cylinder, 51.8 CID	1991 - 1997	BEL	9682500 - 9973099	N/A	N.L.A.	N/A	Gray
50	Mercury	3 cylinder, 59 CID	1998	USA	0G590000 - 0G760299	N/A	N.L.A.	N/A	Black
50	Mercury	3 cylinder, 59 CID	1998	BEL	9973100 - 0P016999	N/A	N.L.A.	N/A	Black
50	Mariner	3 cylinder, 59 CID	1998	USA	0G590000 - 0G760299	N/A	N.L.A.	N/A	Gray
50	Mariner	3 cylinder, 59 CID	1998	BEL	9973100 - 0P016999	N/A	N.L.A.	N/A	Gray
50	Mercury/Mariner	3 cylinder, 59 CID	1999 - 2006	USA	0G760300 and up	N/A	N.L.A.	N/A	Black
50	Mercury/Mariner	3 cylinder, 59 CID	1999 - 2006	BEL	0P017000 and up	N/A	N.L.A.	N/A	Black
50 FourStroke	Mercury	4 cylinder	1995 - 1998	USA	0G231123 - 0G760299	N/A	N.L.A.	N/A	Black
50 FourStroke	Mariner	4 cylinder	1995 - 1998	USA	0G231123 - 0G760299	N/A	N.L.A.	N/A	Gray
50 FourStroke	Mercury/Mariner	4 cylinder	1999 - 2000	USA	0G760300 - 0T178499	N/A	N.L.A.	N/A	Black

Model	Brand	Model Note	Year Range		Serial # Range	Converts 15 Inch (381 mm) To 20 Inch (508 mm)	Converts 20 Inch (508 mm) To 22 1/2 Inch (572 mm)	Converts 20 Inch (508 mm) To 25 Inch (635 mm)	Color
50 FourStroke	Mercury/Mariner	BigFoot	1998 - 2000	USA	0G590000 - 0T178499	N/A	N/A	N.L.A.	Black
50 FourStroke	Mercury/Mariner	4 cylinder with standard gearcase 996 cc.	2001 - 2006	USA	0T178500 - 1B344306	N/A	816696A12	N/A	Black
50 FourStroke	Mercury/Mariner	4 cylinder with standard gearcase 996 cc.	2006	CHN	1C000001 - 1C050251	N/A	816696A12	N/A	Black
50 FourStroke	Mercury/Mariner	4 cylinder with standard gearcase 996 cc.	2001 - 2006	BEL	0P094500 - 0P515896	N/A	816696A12	N/A	Black
50 FourStroke	Mercury/Mariner	4 cylinder with standard gearcase 996 cc.	2006 - 2023	CHN	1C050252 and up	N/A	879150A88	N/A	N/A
50 FourStroke	Mercury/Mariner	4 cylinder with standard gearcase 996 cc.	2006 - 2023	BEL	0P515897 and up	N/A	879150A88	N/A	N/A
50 FourStroke	Mercury/Mariner	4 cylinder with BigFoot gearcase 996 cc.	2001 - 2006	USA	0T178500 - 1B344306	N/A	N/A	12092A18	Black
50 FourStroke	Mercury/Mariner	4 cylinder with BigFoot gearcase 996 cc.	2001 - 2006	BEL	0P094500 - 0P400999	N/A	N/A	12092A18	Black
50 FourStroke	Mercury/Mariner	4 cylinder with BigFoot gearcase 996 cc.	2006 - 2023	CHN	1C050252 and up	N/A	N/A	12092A20	Black
50 FourStroke	Mercury/Mariner	4 cylinder with BigFoot gearcase 996 cc.	2006 - 2023	BEL	0P401000 and up	N/A	N/A	12092A20	Black
55/60	Mercury	3 cylinder	1991 - 1998	USA	0D000750 - 0G760299	N/A	816696A 1	N/A	Black
55/60	Mercury	3 cylinder	1991 - 1998	BEL	9682500 - 0P016999	N/A	816696A 1	N/A	Black
55/60	Mariner	3 cylinder	1991 - 1998	USA	0D000750 - 0G760299	N/A	N.L.A.	N/A	Gray
55/60	Mariner	3 cylinder	1991 - 1998	BEL	9682500 - 0P016999	N/A	N.L.A.	N/A	Gray
55/60	Mercury/Mariner	3 cylinder	1999 - 2006	USA	0G760300 and up	N/A	816696A 1	N/A	Black
55/60	Mercury/Mariner	3 cylinder	1999 - 2006	BEL	0P017000 and up	N/A	816696A 1	N/A	Black
60 Work	Mercury	BigFoot	1994 - 1998	USA	0D279350 - 0G760299	N/A	N.L.A.	N/A	Black
60 Work	Mercury	BigFoot	1994 - 1998	BEL	9793445 - 0P016999	N/A	N.L.A.	N/A	Black
60 Work	Mariner	BigFoot	1994 - 1998	USA	0D279350 - 0G760299	N/A	N.L.A.	N/A	Gray
60 Work	Mariner	BigFoot	1994 - 1998	BEL	9793445 - 0P016999	N/A	N.L.A.	N/A	Gray
60 Work	Mercury/Mariner	BigFoot	1999 - 2006	USA	0G760300 and up	N/A	N.L.A.	N/A	Black
60 Work	Mercury/Mariner	BigFoot	1999 - 2006	BEL	0P017000 and up	N/A	N.L.A.	N/A	Black
60 FourStroke	Mercury/Mariner	4 cylinder with standard gearcase 996 cc.	2001 - 2006	USA	0T178500 - 1B344306	N/A	816696A12	N/A	Black
60 FourStroke	Mercury/Mariner	4 cylinder with standard gearcase 996 cc.	2006	CHN	1C000001 - 1C050251	N/A	816696A12	N/A	Black
60 FourStroke	Mercury/Mariner	4 cylinder with standard gearcase 996 cc.	2001 - 2006	BEL	0P094500 - 0P515896	N/A	816696A12	N/A	Black
60 FourStroke	Mercury/Mariner	4 cylinder with standard gearcase 996 cc.	2006 - 2023	CHN	1C050251 and up	N/A	879150A88	N/A	N/A
60 FourStroke	Mercury/Mariner	4 cylinder with standard gearcase 996 cc.	2006 - 2023	BEL	0P515897 and up	N/A	879150A88	N/A	N/A
60 FourStroke	Mercury/Mariner	4 cylinder with BigFoot gearcase 996 cc.	2001 - 2006	USA	0T178500 - 1B344306	N/A	N/A	12092A18	Black
60 FourStroke	Mercury/Mariner	4 cylinder with BigFoot gearcase 996 cc.	2001 - 2006	BEL	0P094500 - 0P400999	N/A	N/A	12092A18	Black
60 FourStroke	Mercury/Mariner	4 cylinder with BigFoot gearcase 996 cc.	2006 - 2023	CHN	1C050252 and up	N/A	N/A	12092A20	Black
60 FourStroke	Mercury/Mariner	4 cylinder with BigFoot gearcase 996 cc.	2006 - 2023	BEL	0P401000 and up	N/A	N/A	12092A20	Black
70/75/80/90	Mercury	3 cylinder	1987 - 1993	USA	0A996142 - 0G283221	N/A	N/A	N.L.A.	Black
70/75/80/90	Mercury	3 cylinder	1987 - 1993	BEL	9483121 - 9793576	N/A	N/A	N.L.A.	Black
70/75/80/90	Mariner	3 cylinder	1987 - 1993	USA	0A996142 - 0G283221	N/A	N/A	N.L.A.	Black
70/75/80/90	Mariner	3 cylinder	1987 - 1993	BEL	9483121 - 9793576	N/A	N/A	N.L.A.	Black
70/75/80/90	Mercury	3 cylinder	1994 - 1997	USA	0G283222 - 0G589999	N/A	NLA	N.L.A.	Black
70/75/80/90	Mercury	3 cylinder	1994 - 1997	BEL	9793577 - 9973099	N/A	NLA	N.L.A.	Black
70/75/80/90	Mariner	3 cylinder	1994 - 1997	USA	0G283222 - 0G589999	N/A	816696A 9	N.L.A.	Black
70/75/80/90	Mariner	3 cylinder	1994 - 1997	BEL	9793577 - 9973099	N/A	816696A 9	N.L.A.	Black
75/90	Mercury	3 cylinder	1998	USA	0G590000 - 0G760299	N/A		12092A13	Black
75/90	Mercury	3 cylinder	1998	BEL	9973100 - 0P016999	N/A		12092A13	Black

OUTBOARD

Model	Brand	Model Note	Year Range		Serial # Range	Converts 15 Inch (381 mm) To 20 Inch (508 mm)	Converts 20 Inch (508 mm) To 22 1/2 Inch (572 mm)	Converts 20 Inch (508 mm) To 25 Inch (635 mm)	Color
75/90	Mariner	3 cylinder	1998	USA	0G590000 - 0G760299	N/A		N.L.A.	Gray
75/90	Mariner	3 cylinder	1998	BEL	9973100 - 0P016999	N/A		N.L.A.	Gray
75/90	Mercury/Mariner	3 cylinder	1999 - 2006	USA	0G760300 and up	N/A		12092A13	Black
75/90	Mercury/Mariner	3 cylinder	1999 - 2006	BEL	0P017000 and up	N/A		12092A13	Black
75/90 FourStroke	Mercury/Mariner	4 cylinder, 1.7L	2006 - 2014	USA	1B366823 - 2B094995	N/A	N/A	12092A19	Black
75-100 FourStroke	Mercury/Mariner	2.1L, Standard	2014 - 2023	USA	2B094996 and up	N/A	N/A	8M0105089	Black
75-100 FourStroke	Mercury/Mariner	2.1L, Command Thrust	2014 - 2023	USA	2B094996 and up	N/A	N/A	8M0105090	Black
100/115/125	Mercury	4 cylinder	1987 - 1993	USA	0A996142 - 0G283221	N/A	N/A	N.L.A.	Black
100/115/125	Mercury	4 cylinder	1987 - 1993	BEL	9483121 - 9793576	N/A	N/A	N.L.A.	Black
100/115/125	Mariner	4 cylinder	1987 - 1993	USA	0A996142 - 0G283221	N/A	N/A	N.L.A.	Black
100/115/125	Mariner	4 cylinder	1987 - 1993	BEL	9483121 - 9793576	N/A	N/A	N.L.A.	Black
100/115/125	Mercury	4 cylinder	1994 - 1997	USA	0G283222 - 0G589999	N/A	NLA	N.L.A.	Black
100/115/125	Mercury	4 cylinder	1994 - 1997	BEL	9793577 - 9973099	N/A	NLA	N.L.A.	Black
100/115/125	Mariner	4 cylinder	1994 - 1997	USA	0G283222 - 0G589999	N/A	816696A 9	N.L.A.	Black
100/115/125	Mariner	4 cylinder	1994 - 1997	BEL	9793577 - 9973099	N/A	816696A 9	N.L.A.	Black
100/115/125	Mercury	4 cylinder	1998	USA	0G590000 - 0G760299	N/A		12092A13	Black
100/115/125	Mercury	4 cylinder	1998	BEL	9973100 - 0P016999	N/A		12092A13	Black
100/115/125	Mariner	4 cylinder	1998	USA	0G590000 - 0G760299	N/A		N.L.A.	Gray
100/115/125	Mariner	4 cylinder	1998	BEL	9973100 - 0P016999	N/A		N.L.A.	Gray
100/115/125	Mercury/Mariner	4 cylinder	1999 - 2006	USA	0G760300 and up	N/A		12092A13	Black
100/115/125	Mercury/Mariner	4 cylinder	1999 - 2006	BEL	0P017000 and up	N/A		12092A13	Black
115 FourStroke	Mercury/Mariner	4 cylinder, 1.7L	2006 - 2014	USA	1B366823 - 2B094955	N/A	N/A	12092A19	Black
115 FourStroke	Mercury/Mariner	2.1L, Standard	2014 - 2023	USA	2B094996 and up	N/A	N/A	8M0105089	Black
115 FourStroke	Mercury/Mariner	2.1L, Command Thrust	2014 - 2023	USA	2B094996 and up	N/A	N/A	8M0105090	Black
150 EFI FourStroke	Mercury/Mariner	4 cylinder	2011 - 2023	USA	1B905505 and up	N/A	N/A	8M0105087	Black

OUTBOARD MOUNTING HARDWARE

Used for permanent mounting of an engine to the boat transom.

TRANSOM SUPPORT BRACKET



67-**896305001**

Used to reinforce the transom- transom bolts and washers used with this bracket to strengthen the transom area where the engine in mounted.

TRANSOM SUPPORT WASHER



67-**896392**

Used to reinforce the transom- transom bolts and washers used with this reinforced washer to strengthen the transom area where the engine in mounted.

MOUNTING BOLT



10-**8M0149747**

Standard 4 1/2" Length Mounting Bolt (2.25 in. thread)

Fits current Mercury/Mariner 40 hp. thru V-6 outboards (2-cycle and FourStroke), and also fits Force 40-120 hp. outboards (USA 0E009500 and Newer). Furnished standard with the 135-175 hp. Verado outboards.

MOUNTING BOLT



10- **67755 2**

Optional 6 1/2" Length Mounting Bolt (2.75 in. thread)

Fits current Mercury/Mariner 40 hp. and above outboards (2 cycle and FourStroke), and also fits Force 40-120 hp. outboards (USA 0E009500 and Newer).

MOUNTING BOLT



10- **67755005**

Stainless mounting bolt, 2.5 in. (1.25 in. thread)

10-**8M0131814**

Stainless mounting bolt, 3.5 in. (1.25 in. thread)

MOUNTING BOLT



10-**814259**

Stainless mounting bolt 1/2 in. x 4.00 in. (2.25 in. Thread)

MOUNTING BOLT



10-**8M0028080**

Optional 7 1/2" Length Mounting Bolt (2.75 in. thread)

Fits current Mercury/Mariner 40 hp. and above outboards (2 cycle and FourStroke), and also fits Force 40-120 hp. outboards (USA 0E009500 and Newer).

MOUNTING BOLT



10-**8M0032860**

Stainless mounting bolt, 8 in. (2.75 in. thread)

10-**8M0038370**

Stainless mounting bolt, 1/2 in. x 5.50 in. (3.25 in. Thread)

Shipped standard with the 200/225/250/275 hp. Verado outboard.

BOLT KIT-TRANSOM (HIGH STRENGTH)



10- **67755A22**

Bolt kit includes 4 pcs of 2-1/2 in. bolts, washers and nuts.

10- **67755A26**

Bolt kit includes 4 pcs of 3 1/2" bolts, washers and nuts.

BOLT KIT-TRANSOM

10- **67755A13**

Bolt kit includes 4 pcs of 4-1/2 in. bolts, washers and nuts.

10- **67755A14**

Bolt kit includes 4 pcs of 5-1/2 in. bolts, washers and nuts.

10- **67755A15**

Bolt kit includes 4 pcs of 6-1/2 in. bolts, washers and nuts.

10- **67755A17**

Bolt kit includes 4 pcs of 7-1/2 in. bolts, washers and nuts.

10- **67755A18**

Bolt kit includes 4 pcs of 8 in. bolts, washers and nuts.

MOUNTING HARDWARE



56- **92729A49**

Includes 2 screws 10-43216, 2 washers 12-67983, and 2 nuts 11-826711-8.

Will mount the Model Year 2005 and newer 8/9.9 hp. FourStroke outboards with standard gearcase or the BigFoot model without factory power trim.

MOUNTING NUT KIT



11-**8M0109756**

Includes 6 nuts (.500-20, hex, brass) and 2 nuts with nylon inserts.

Fits any Mercury outboard with a .500-20 mounting bolt and strongly recommended for use on the Verado 350/400 Hp. models.

FLAT WASHER



12-**8M0204648**

Stainless Steel x 1.50 in. OD

Fits current Mercury/Mariner 40 hp. thru V-6 outboards (2-cycle and FourStroke), and also fits Force 40-120 hp. outboards (USA 0E009500 and Newer). This is also the "inner" washer furnished with the 200/225/250/275 hp. Verado outboard.

Priced individually, sold @ multiples of 5

FLAT WASHER



12-**8M0204704**

Stainless washer x 1.06 in. OD

Shipped standard as the "outer" washer with the 200/225/250/275 hp. Verado outboard.

Priced individually, sold @ multiples of 2

HEX NUT



11-**826711 17**

Hex Nylock Nut, brass

Fits current Mercury/Mariner 40 hp. thru V-6 outboards (2-cycle and FourStroke), and also fits Force 40-120 hp. outboards (USA 0E009500 and Newer). Also shipped standard with the 135-275 hp. Verado outboard.

COWL COVER

Image not Available.

56-**8M0162160**

Soft protective cowl cover that can be used for storage or winterization.

For use with 40 horsepower and above outboard engines.

Priced individually, sold @ multiples of 10

5.5” TRANSOM BOLT KIT - 5/8

Image not Available.

10-**8M0171826**

Quantity of 1

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

5.5” TRANSOM BOLT KIT - 5/8

Image not Available.

10-**8M0171827**

Quantity of 6.

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

6.5” TRANSOM BOLT KIT - 5/8

Image not Available.

10-**8M0171828**

Quantity of 1.

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

6.5” TRANSOM BOLT KIT - 5/8

Image not Available.

10-**8M0171829**

Quantity of 6.

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

Image not Available.

10-**8M0171830**

Quantity of 1.

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

7.5" TRANSOM BOLT KIT - 5/8

Image not Available.

10-**8M0171831**

Quantity of 6.
Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

8.5" TRANSOM BOLT KIT - 5/8

Image not Available.

10-**8M0171832**

Quantity of 1.
Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

8.5" TRANSOM BOLT KIT - 5/8

Image not Available.

10-**8M0171833**

Quantity of 6.
Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

9.5" TRANSOM BOLT KIT - 5/8

Image not Available.

10-**8M0171834**

Quantity of 1.
Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

9.5" TRANSOM BOLT KIT - 5/8

Image not Available.

10-**8M0171835**

Quantity of 6.
Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

10.5" TRANSOM BOLT KIT - 5/8

Image not Available.

10-**8M0171836**

Quantity of 1.
Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

10.5" TRANSOM BOLT KIT - 5/8

Image not Available.

10-**8M0171837**

Quantity of 6.
Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

12.5" TRANSOM BOLT KIT - 5/8

Image not Available.

10-**8M0176953**

Quantity of 1.
Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

12.5" TRANSOM BOLT KIT - 5/8

Image not Available.

10-**8M0176954**

Quantity of 6.
Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

OUTBOARD MOUNTING HARDWARE CHART

Used for permanent mounting of an engine to the boat transom.

Transom Mounting Bolt Kit Chart

Outboard Mounting Hardware Chart

Thread Length (Inches)	Bolt Length (Inches)	Individual / Kit	Part Number
1.25	2.5	Kit	10- 67755A22
		Individual	10- 67755005
1.25	3.5	Kit	10- 67755A26
		Individual	10-8M0131814
2.25	4	Individual	10-814259
2.25	4.5	Kit	10- 67755A13
		Individual	10-8M0149747
3.25	5.5	Kit	10- 67755A14
		Individual	10-8M0038370
2.75	6.5	Kit	10- 67755A15
		Individual	10- 67755 2
2.75	7.5	Kit	10- 67755A17
		Individual	10-8M0028080
2.75	8	Kit	10- 67755A18
		Individual	10-8M0032860

HIGH ALTITUDE GEAR SETS & GEARCASES (V-6)

Due to a loss of horsepower at high altitudes, a lower gear reduction (higher numerical ratio) will enhance performance.

SEAL KIT



26- **89238A 2**

Fits Mercury / Mariner 135/150 V-6 outboards (USA 0A904646 and Newer) and 175/200 V-6 outboards (USA 6618751 and Newer).

GEARCASE ASSEMBLY COMPLETE



1647- **9148T81**

Black, 2:1 ratio. 20" long shaft. 14 pinion teeth.
Standard Rotation (RH).

Fits Mercury 135-200 (2.5L) V-6 outboards

HIGH ALTITUDE GEAR SETS & GEARCASES (4 CYLINDER)

Due to a loss of horsepower at high altitudes, a lower gear reduction (higher numerical ratio) will enhance performance.

REVERSE GEAR



43-**850034T**

Used with 6 jaw reverse clutch. Pinion/forward gear ass'y. and seal or seal & bearing kit are also required.

Fits Mercury/Mariner 100/115/125 hp. 2-cycle outboard (USA 0B209468 and Newer, BEL 9523034) with 6 jaw reverse clutch.

REVERSE GEAR



43- **12635T**

Used with 3 jaw reverse clutch. Pinion/forward gear ass'y. and seal or seal & bearing kit are also required.

Fits Mercury/Mariner 100/115/125 hp. 2-cycle outboard (USA 0B209468 and Newer, BEL 9523034) with 3 jaw reverse clutch.

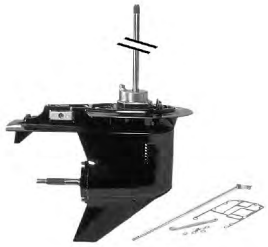
SEAL & BEARING KIT (W/O FORWARD BEARING)



31-**803496T 1**

Fits the 2.07:1 ratio gearcase on Mercury/Mariner 75/90 (4-Stroke) and 100/115/125 (2 Cycle) with either 3 or 6 jaw reverse clutch and the original 43-19672 pinion gear. See chart for specific engine applications.

GEAR HOUSING ASSEMBLY COMPLETE



1667- **9011J16**

Black, 2.3:1 gear ratio. 20" long shaft length. 12 pinion teeth.
Includes the newer 6 jaw reverse clutch and a new powerhead gasket with upper shift shaft for correct throw

Fits Mercury 75-125 hp. 2-cycle outboards with 3 jaw reverse clutch

FLUSHING ATTACHMENTS

Allow for fresh water hook-up to the engine for running at idle or for flushing of the block. Care should be observed in using the correct application.

FLUSHING ATTACHMENT



16841K02

Fits Mercury/Mariner 4/5 hp. (1 cyl.) 2 cycle outboards, 2.5/3.5 hp. FourStroke outboards, 4/5/6 hp. FourStroke outboards (0R411837 and below), and 8/9.9 hp. FourStroke outboards (model year 2005 & newer). Only for use when engine is not running.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

FLUSHING ATTACHMENT



8M0057047

For static flush only. Furnished with each engine.

Fits the F4-5-6hp. FourStroke outboard, 0R411838 and above.

FLUSHING ATTACHMENT



12612T 2

Fits Mercury/Mariner 4-15 hp. 2 cycle outboard, the 4/5/6 hp. FourStroke, and the 8/9.9/15 hp. FourStroke (323cc) with standard gearcase. Will allow for running at idle speeds.

Priced individually, sold @ multiples of 5

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

FLUSHING ATTACHMENT



24789A 1

Fits older Mercury 3.5-9.8 hp. and JET Outboards (except 20-30 hp.). Will allow for running at idle speeds on most models. Consult your owner's manual for proper operation.

FLUSHING ATTACHMENT



44357T 2

Will allow for running at idle speeds.

Fits Mercury/Mariner 20 hp. and higher outboards, 9.9/15 hp. FourStroke (323cc) Bigfoot outboards, all Model Year 2005 and Newer 8/9.9 hp. Four Stroke outboards, 15 hp. FourStroke (351cc) outboards, all MerCruiser Sterndrives (except Bravo One Perf. & Blackhawk) and MHP Torque Master gearcases. Note: 2000 and newer V-6 outboards and MerCruiser Bravo drives with dual water pick-up also require Dual Water Pick-Up Flush Seal Kit p/n 881150K 1.

Priced individually, sold @ multiples of 4

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

FLUSHING ATTACHMENT



44357Q 2

Will allow for running at idle speeds. Attaches to the water intakes; provides a fresh water connection when flushing the cooling system or operating the engine.

Fits Mercury/Mariner 20 hp. and higher outboards, 9.9/15 hp. FourStroke (323cc) Bigfoot outboards, all Model Year 2005 and Newer 8/9.9 hp. Four Stroke outboards, 15 hp. FourStroke (351cc) outboards, all MerCruiser Sterndrives (except Bravo One Perf. & Blackhawk) and MHP Torque Master gearcases. Note: 2000 and newer V-6 outboards and MerCruiser Bravo drives with dual water pick-up also require Dual Water Pick-Up Flush Seal Kit p/n 881150Q 1.

Priced individually, sold @ multiples of 4

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

DUAL WATER PICKUP FLUSH SEAL KIT



881150K 1

Provides a front water pick-up seal for gearcases with dual water pick-ups

Fits 2000 and newer Mercury/Mariner V-6 outboards with dual water pick-ups; and 2000 and newer MerCruiser Bravo One, X, XR & XZ drives with dual water pick-ups.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

FLUSHING ATTACHMENT



22-**820543A 1**

For consumer use. Only for use while engine is not running.

Fits 90/95/120 Sport-Jet.

REPLACEMENT CAP



19-**821908**

For consumer use sport-jet flushing attachment.

Fits the consumer use 90/95/120 Sport-Jet flushing attachment. Standard flushing kit on the Sport Jet 175 and the 200 OptiMax, 210 and 240 EFI Jet Drives.

FLUSHING KIT



22-**820573**

Dealer kit, flushes engine while the engine is running. This kit is not for permanent installation. It is intended as a dealer service tool aid.

Fits Sport-Jet 90/95/120 engines.

COASTAL FLUSH KIT



858566A 1

Allows for the addition of a remote flush. Due to location of the flush kit, a temperature gauge can only be used with the addition of a 12415A 2 sending kit.

Fits Mercury/Mariner 75-125 hp. (1993 and Newer) 2 cycle outboards. Engine can be flushed without taking boat out of the water.

COASTAL FLUSH KIT



858566A02

Standard on Saltwater models, this kit will add the same flushing capabilities to the non-saltwater models. Kit allows hooking a flush hose to the front of the engine.

Fits the 75/90/115hp. (1.5L) OptiMax outboards beginning with the 2004 Model Year.

COASTAL FLUSH KIT



858566A03

Kit allows hooking a flush hose to the front of the engine.

Fits the 75-115 hp. EFI FourStroke (1.7L) outboard engine, s/n 1B366823-2B094955.

FLUSHING ATTACHMENT



848703A 1

Fits Mercury Racing CLE gearcases. Engines may be run at idle speeds.

FLUSHING ATTACHMENT



848998A 1

Fits Mercury Racing Sport Master gearcases. Engines may be run at idle speeds.

FLUSHING KIT



22-**852400**

Cowl flushing attachment. Engines should not be running when flushing cooling system. Helps prevent a buildup of deposits from clogging the internal water passages.

Fits Mercury/Mariner V-6 engines equipped with flush systems.

AUTOMATIC OUTBOARD FLUSHING SYSTEM

SINGLE ENGINE AUTOMATIC FLUSHING SYSTEM



8M6010624

Outboard flushing system - single engine setup - 12V

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro Outboards and all high-horsepower outboard applications.

TWIN ENGINE AUTOMATIC FLUSHING SYSTEM

8M6010623

Outboard flushing system - twin engine setup - 12V

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro Outboards and all high-horsepower outboard applications.

TRIPLE ENGINE AUTOMATIC FLUSHING SYSTEM

8M6010622

Outboard flushing system - triple engine setup - 12V

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro Outboards and all high-horsepower outboard applications.

QUAD ENGINE AUTOMATIC FLUSHING SYSTEM

8M6010621

Outboard flushing system - quad engine setup - 12V

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro Outboards and all high-horsepower outboard applications.

SINGLE ENGINE FITTING KIT



22-**8M6010628**

Engine setup fitting kit. Fittings included for inlet 3/4" hose barb straight and 90 degree elbow fittings.
Fittings included for outlets 3/8" hose barb straight and 90 degree elbow fitting and 1/2" (recommended for engines 300hp or higher)

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

TWIN ENGINE FITTING KIT

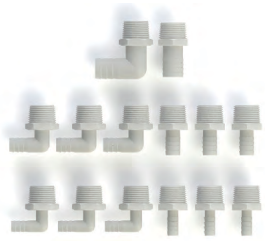


22-**8M6010627**

Engine setup fitting kit. Fittings included for inlet 3/4" hose barb straight and 90 degree elbow fittings.
Fittings included for outlets 3/8" hose barb straight and 90 degree elbow fitting and 1/2" (recommended for engines 300hp or higher)

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

TRIPLE ENGINE FITTING KIT



22-**8M6010626**

Engine setup fitting kit. Fittings included for inlet 3/4" hose barb straight and 90 degree elbow fittings.
Fittings included for outlets 3/8" hose barb straight and 90 degree elbow fitting and 1/2" (recommended for engines 300hp or higher)

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

QUAD ENGINE FITTING KIT



22-**8M6010625**

Engine setup fitting kit. Fittings included for inlet 3/4" hose barb straight and 90 degree elbow fittings.
Fittings included for outlets 3/8" hose barb straight and 90 degree elbow fitting and 1/2" (recommended for engines 300hp or higher)

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

SINGLE ENGINE FITTING KIT



22-**8M6010765**

(5/8")

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

TWIN ENGINE FITTING KIT



22-**8M6010764**

(5/8")

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

TRIPLE ENGINE FITTING KIT

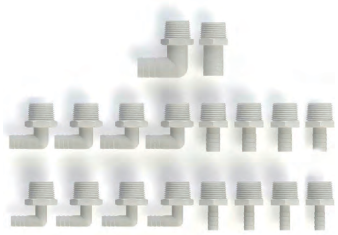
Image not Available.

22-**8M6010763**

(5/8")

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

QUAD ENGINE FITTING KIT



22-**8M6010762**

(5/8")

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

REMOTE SWITCH - 6FT



87-**8M6010629**

Remote switch with 6ft harness assembly.

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

REMOTE SWITCH - 12FT

87-**8M6010630**

Remote switch with 12ft harness assembly.

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

REMOTE SWITCH - 18FT

87-**8M6010631**

Remote switch with 18ft harness assembly.

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

INLET HOSE INSTALL KIT



8M6010637

OFS Inlet Hose Install Kit - 3ft. Provides a comfortable reach to connect the freshwater hose or use it to connect the deck connection that is mounted remotely.

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

8M6010638

OFS Inlet Hose Install Kit - 6ft. Provides a comfortable reach to connect the freshwater hose or use it to connect the deck connection that is mounted remotely.

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

8M6010639

OFS Inlet Hose Install Kit - 9ft. Provides a comfortable reach to connect the freshwater hose or use it to connect the deck connection that is mounted remotely.

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

5/8” STRAIGHT BARB FITTING



87-**8M6010635**

Quick disconnect mounting kit

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

5/8” 90-DEGREE ELBOW BARB FITTTING



87-**8M6010636**

Quick disconnect mounting kit

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

3/4” OFS QUICK DISCONNECT DECK KIT - STRAIGHT



87-**8M6010633**

Quick disconnect straight mounting deck kit. (Faceplate to clearly identify the OFS)
Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

3/4” OFS QUICK DISCONNECT DECK KIT - ELBOW



87-**8M6010634**

Quick disconnect elbow mounting deck kit. (Faceplate to clearly identify the OFS)
Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

OFS QUICK DISCONNECT MOUNTING KIT



8M6010632

Quick disconnect mounting deck kit (Faceplate to clearly identify the OFS)
Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

HIGH SPEED WATER PICKUP INSERTS

Designed to replace standard water pickup inserts, providing additional ram pressure that forces more water into the cooling system.

WATER INLET



17280A 2

Recommended only where overheating is a known to be a problem, they increase the chance of debris getting caught in the water intake.

Replaces the 8-hole insert on the Mercury / Mariner 2.0L, 2.4L, 2.5L and 3.0L outboards with 4 3/4" gearcases except the 225/250 (3.0L, 1994-1996).

FUEL TANKS - PORTABLE - SUPER (NON-US COMPLIANT)

Meet ABYC, CSA and UL standards. High strength blow molded construction using high density, high molecular weight polyethylene. Formulated protection against ultraviolet exposure and aging. Helps prevent fading and keeps plastic pliable for longer life.

SUPER 6.6 GAL (25 L) FUEL TANK



1200-**8M0083451**

6.6 US gal (25 L) capacity, 19 in. (480 mm) x 12 1/2 in. (318 mm) x 11 1/8 in. (282mm) with "shielded" quick connect fuel outlet.
Manual venting. Integral fuel level gauge.

For use with double sealed fuel connector. This tank can not be sold in areas governed by US-EPA regulations.

SUPER 6.6 US GAL (25 L) FUEL TANK



1200-**8M0083452**

6.6 US gal (25 L) capacity, 21 3/4 in. (552 mm) x 14 1/2 in. (368 mm) x 10 in. (254 mm) with "shielded" quick connect fuel outlet.
Manual venting. Integral fuel level gauge.

For use with double sealed fuel connector. This tank can not be sold in areas governed by US-EPA regulations.

REPLACEMENT CAP



36-**816976Q 1**

Replacement cap, manual venting.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

SUPER 3.2 US GAL (12 L) FUEL TANK



1200-**8M0083449**

3.2 US gal (12 L) capacity, 14 1/2 in. (368 mm) x 9 3/4 in. (248 mm) x 9 in. (229 mm) with "shielded" quick connect fuel outlet.
Manual venting. Integral fuel level gauge.

For use with double sealed fuel connector.

FUEL TANKS - PORTABLE - PREMIUM (NON-US COMPLIANT)

Meet ABYC, CSA and UL standards. High strength blow molded construction using high density, high molecular weight polyethylene. Formulated protection against ultraviolet exposure and aging. Helps prevent fading and keeps plastic pliable for longer life.

PREMIUM 6.6 GAL (25 L) FUEL TANK



1200-**8M0047607**

6.6 US gal (25 L) capacity, 19 in. (480 mm) x 12 1/2 in. (318 mm) x 11 1/8 in. (282mm).
Furnished with 1/4-18 threaded fuel line fitting, and manual venting cap, and integral fuel level gauge.

This tank can not be sold in areas governed by US-EPA regulations.

PREMIUM 6.6 US GAL (25 L) FUEL TANK



1200-**8M0047603**

Includes a 1/4" NPT threaded fuel line opening, a mechanical fuel gauge and top vented fuel cap.

This tank can not be sold in areas governed by US-EPA regulations.

PREMIUM 3.2 US GAL (12 L) FUEL TANK



1200-**8M0047599**

Includes a 1/4" NPT threaded fuel line opening, a mechanical fuel gauge and top vented fuel cap.

REPLACEMENT CAP



36-**816976Q 1**

Replacement cap, manual venting.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

FUEL TANKS - PORTABLE - STANDARD (NON-US COMPLIANT)

Meet ABYC, CSA and UL standards. High strength blow molded construction using high density, high molecular weight polyethylene. Formulated protection against ultraviolet exposure and aging. Helps prevent fading and keeps plastic pliable for longer life.

STANDARD 6.6 US GAL (25 L) FUEL TANK



1200-**8M0057254**

6.6 US gal (25 L) capacity, 21 3/4 in. (552 mm) x 14 1/2 in. (368 mm) x 10 in. (254 mm).
Furnished with 1/4-18 threaded fuel line fitting and manual venting cap.

This tank can not be sold in areas governed by US-EPA regulations.

STANDARD 3.2 US GAL (12 L) FUEL TANK



1200-**8M0056211**

3.2 US gal (12 L) capacity, 14 1/2 in. (368 mm) x 9 3/4 in. (248 mm) x 9 in. (229 mm).
Furnished with 1/4-18 threaded fuel line fitting and manual venting cap.

FUEL LINES AND PRIMER BULBS - (NON-US COMPLIANT)

These assemblies may be used in all applications not governed by the US-EPA 2011 regulations. If those regulations do apply, please refer to a 2011 US Compliant Section either here or in an Accessories Guide for applicable assemblies complete with provision for a pressurized fuel tank and low permeation primer bulb.

8 FT. FUEL LINE ASSEMBLY

Image not Available.

32-**8M0054328**

Low Permeation (EPA compliant) hose has 1/8" NPT threaded fitting on engine end and 1/4" NPT threaded fitting on the tank end. A non-EPA compliant primer bulb is included in this 8 ft. (2.44 m) assembly.

Fits varying applications using the older style twist type disconnects at the engine end and either a bayonet or thread-in fitting on the tank end. This assembly may be used in all applications not governed by US-EPA 2011 regulations.

Mercury Precision Branded, Box Point of Sale Packaged.

8 FT. FUEL LINE ASSEMBLY

Image not Available.

32-**8M0054329**

Low Permeation (EPA compliant) hose has standard quick connect type fitting on engine end and 1/4" NPT threaded fitting on the tank end. A non-EPA compliant primer bulb is included in this 8 ft. (2.44 m) assembly.

Fits Force 40 hp. and larger (1993 and Newer), Force 9.9/15/25 hp. (1998) and all Mercury / Mariner outboards using clip on type disconnect at engine ends and a tank with threaded fuel pickup fitting. This assembly may be used in all applications not governed by US-EPA 2011 regulations.

Mercury Precision Branded, Box Point of Sale Packaged.

8 FT. FUEL LINE ASSEMBLY



32-**8M0054324**

Low Permeation (EPA compliant) hose has standard quick connect type fitting on engine end and 1/4" NPT threaded fitting on the tank end. A non-EPA compliant primer bulb is included in this 8 ft. (2.44 m) assembly.

Fits Force 40 hp. and larger (1993 and Newer), Force 9.9/15/25 hp. (1998) and all Mercury/Mariner outboards using clip on type disconnect at engine ends and a tank with threaded fuel pickup fitting. This assembly may be used in all applications not governed by US-EPA 2011 regulations.

Quicksilver Branded, Box Point of Sale Packaged.

8 FT. FUEL LINE ASSEMBLY

Image not Available.

32-**8M0054330**

Low Permeation hose has double sealed quick connect type fitting on tank end and clip-on type quick connect on engine end. Primer bulb is included in this 8 ft. (2.44 m) assembly.

Fits Force 40 hp. And larger (1993 and Newer), Force 9.9/15/25 hp. (1998) and all Mercury/Mariner outboards using clip-on type disconnects at both tank and engine ends. This assembly may be used in all applications not governed by US-EPA 2011 regulations.

Mercury Precision Branded, Box Point of Sale Packaged.

8 FT. FUEL LINE ASSEMBLY



32-**8M0054325**

Low Permeation (EPA compliant) hose has double sealed quick connect type fitting on tank end and clip-on type quick connect on engine end. A non-EPA compliant primer bulb is included in this 8 ft. (2.44 m) assembly.

Fits Force 40 hp. and larger (1993 and Newer), Force 9.9/15/25 hp. (1998) and all Mercury/Mariner outboards using clip-on type disconnects at both tank and engine ends. This assembly may be used in all applications not governed by US-EPA 2011 regulations.

Quicksilver Branded, Box Point of Sale Packaged.

8 FT. FUEL LINE ASSEMBLY



32-**8M0056640**

Has double sealed quick connect type fitting on (Super) tank end and no fitting on engine end. Primer bulb is included in this 8 ft. (2.44 m) assembly.

Fits remote model 40-60 hp. FourStroke Mercury/Mariner outboards 2008 and newer. US-EPA regulated engines and boats may not use this hose.

8 FT. FUEL LINE ASSEMBLY



32-**8M0061895**

Low Permeation hose has quick connect fittings on both ends.
"EPA-MERC-PB15-2" primer bulb is included in this 8 ft. (2.44 m) assembly. Bulbs will perform at -15 Degrees C (5 Degrees F) after 6 weeks of exposure to fuel.

Fits Force 40 hp. And larger (1993 and Newer), Force 9.9/15/25 hp. (1998) and all Mercury/Mariner outboards using clip-on type disconnects at both tank and engine ends.

Mercury Precision Branded, Box Point of Sale Packaged.

8 FT. FUEL LINE ASSEMBLY



32-**8M0061892**

Low permeation hose has standard quick connect type fitting on engine end and 1/4" NPT threaded fitting on the tank end. "EPA-MERC-PB15-2" primer bulb is included in this 8 ft. (2.44 m) assembly. Bulbs will perform at -15 Degrees C (5 Degrees F) after 6 weeks of exposure to fuel.

Fits Force 40 hp. and larger (1993 and Newer), Force 9.9/15/25 hp. (1998) and all Mercury/Mariner outboards using clip on type disconnect at engine ends and a tank with threaded fuel pickup fitting.

Mercury Precision Branded, Box Point of Sale Packaged.

9 FT. FUEL LINE ASSEMBLY - NO CONNECTORS



32-**8M0061899**

There are no ends on this 9 ft. (2.74 m) fuel line assembly featuring the "EPA-MERC-PB15-2" primer bulb. Bulbs will perform at -15 Degrees C (5 Degrees F) after 6 weeks of exposure to fuel.

This 5/16 inch (8 mm) I.D. fuel line will adapt to a variety of uses by adding connectors as desired.

8 FT. FUEL LINE ASSEMBLY

32-**8M0061293**

There are no ends on this 8 ft. (2.44 m) fuel line assembly with a non-EPA compliant primer bulb. Bulbs will perform at -15 Degrees C (5 Degrees F) after 6 weeks of exposure to fuel.

This 5/16 inch (8 mm) I.D. fuel line will adapt to a variety of uses by adding connectors as desired. US-EPA regulated boats and engines may not use this hose assembly.

12 FT. FUEL LINE ASSEMBLY



32-**8M0061897**

Low permeation hose has quick connect type fitting on both ends.
"EPA-MERC-PB15-2" primer bulb is included in this 12 ft. (3.66 m) assembly. Bulbs will perform at -15 Degrees C (5 Degrees F) after 6 weeks of exposure to fuel.

Fits Force 40 hp. and larger (1993 and Newer), Force 9.9/15/25 hp. (1998) and all Mercury/Mariner outboards using clip on type disconnects at both tank and engine ends.

Mercury Precision Branded, Box Point of Sale Packaged.

12 FT. FUEL LINE ASSEMBLY

Image not Available.

32-**8M0054332**

Low Permeation hose has double sealed quick connect type fitting on tank end, and standard quick connect fitting on engine end. Primer bulb is included in this 12 ft. (3.66 m) assembly.

Fits Force 40 hp. and larger (1993 and Newer), Force 9.9/15/25 hp. (1998) and all Mercury/Mariner outboards using clip on type disconnects at both tank and engine ends. This assembly may be used in all applications not governed by US-EPA 2011 regulations.

Mercury Precision Branded, Box Point of Sale Packaged.

FUEL LINE ASSEMBLY- UNIVERSAL



32-**8M0038468**

Fuel hose (only). CE certified 5/16" I.D. (.315 in. 8 mm) fuel line with no connectors. 9 ft. (2.74 m) Premium fuel line for custom manufacturing fuel line assemblies.

BULK FUEL LINE



32-**8M0038500**

Low Permeation hose, 5/16 in. (8 mm) I.D. x 100 ft. (30.5 m) spool. (EPA compliant).

Fits fuel line assemblies for delivering fuel from the fuel tank to the engine fuel connector.

32-**8M0038563**

Low Permeation hose, 3/8 inch (9.5 mm) I.D. x 100 ft. (30.5 m) roll.
EPA Compliant.

PRIMER BULB ASSEMBLY



8M0054316

For use with our 1/4 in. I.D. (black) fuel line. This bulb may be used in all applications not governed by US-EPA 2011 regulations.

Priced individually, sold @ multiples of 4

Mercury Precision Branded, Box Point of Sale Packaged.

PRIMER BULB ASSEMBLY



8M0054315

For use with our 1/4 in. I.D. (black) fuel line. This bulb may be used in all applications not governed by US-EPA 2011 regulations.

Priced individually, sold @ multiples of 4

Quicksilver Branded, Box Point of Sale Packaged.

PRIMER BULB ASSEMBLY

Image not Available.

8M0054314

Using materials resistant to the chemistry of today's fuels, this bulb is designed to remain pliable longer. Two hose clamps are included.

For use with our gray color, 5/16 in. (8 mm) I.D. fuel line & 3/8" I.D. Fuel Line. This bulb may be used in all applications not governed by US-EPA 2011 regulations.

Priced individually, sold @ multiples of 4

Mercury Precision Branded, Box Point of Sale Packaged.

PRIMER BULB ASSEMBLY



8M0054313

Using materials resistant to the chemistry of today's fuels, this bulb is designed to remain pliable longer. Two hose clamps are included.

For use with our gray color, 5/16 in. (8 mm) I.D. fuel line & 3/8" I.D. fuel line. This bulb may be used in all applications not governed by US-EPA 2011 regulations.

Priced individually, sold @ multiples of 4

Quicksilver Branded, Box Point of Sale Packaged.

PRIMER BULB ASSEMBLY



8M0061876

Using materials resistant to the chemistry of today's fuels, this bulb is designed to remain pliable longer. Two hose clamps are included. Only Mercury/Quicksilver bulbs will have the molded EPA compliance statement "EPA-MERC-PB15". Bulbs will perform at -15 Degrees C (5 Degrees F) after 6 weeks of exposure to fuel.

This bulb is a 2011 EPA Certified low permeation bulb. For use with our gray color, 5/16 in. (8 mm) I.D. fuel line & 3/8" I.D. fuel line.

Priced individually, sold @ multiples of 4

Mercury Precision Branded, Box Point of Sale Packaged.

PRIMER BULB ASSEMBLY



8M0052976

Using materials resistant to the chemistry of today's fuels, this bulb is designed to remain pliable longer. Two hose clamps are included. Mercury/Quicksilver bulbs will have the molded EPA compliance statement "EPA-MERC-PB15". Bulbs will perform at -15 Degrees C (5 Degrees F) after 6 weeks of exposure to fuel.

This bulb is a 2011 EPA Certified low permeation bulb. For use with 1/4 in. (6.35 mm) I.D. fuel line.

Priced individually, sold @ multiples of 4

Mercury Precision Branded, Box Point of Sale Packaged.

FUEL SYSTEM ACCESSORIES

POLY FUEL CAN



67-**8M0171186**

Anti-pilfer packaging • Heavy gauge high-density polyethylene with UV inhibitor for durability • Lightweight • Pouring spout with brass filter • UL classified-conforms to ANSI/ASTM D3435-80l.

5 Liter

POLY FUEL CAN



67-**8M9200702**

Anti-pilfer packaging • Heavy gauge high-density polyethylene with UV inhibitor for durability • Lightweight • Pouring spout with brass filter • U.N. Certification

20 Liter

POLY FUEL CAN

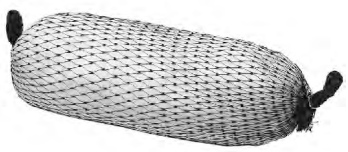


67-**831316 1**

2.5 gallon (11.3L)

Anti-pilfer packaging. Heavy gauge high-density polyethylene with UV inhibitor for durability. Won't rust, dent or corrode. Low-profile design helps prevent slipping. Large handles for ease of carrying with work gloves. Lightweight for easy pouring. Pouring spout with brass filter and exclusive snap closure allows easy access to hard-to reach fill points; easily attaches to handle for storage. Handy plastic vent for improved flow control is easy to open and close. UL classified-conforms to ANSI/ASTM D3435-80l. Not for sale in Canada.

OIL ABSORBER



67-**808840Q**

Keep your bilge clean while protecting the environment. Made from 100% polypropylene fiber. Absorbs up to 10 times its weight in oil, gas or diesel fuel while repelling water. Will not rot, mildew, deteriorate or sink. Non-toxic, non-polluting. Can be recycled.

Quicksilver Branded, Point of Sale Packaged.

FUEL LINE FITTINGS AND COMPONENTS

THREADED HOSE BARB



22-**8M0204732**

For use with 3/8" (9.5 mm) I.D. hose and applications requiring a 1/2" NPT thread. Threads into our portable fuel tanks and will also work with our water separating filter bracket.

A brass fitting for use with both gasoline fuel only. This material should not be used with diesel fuels.

22- **34982**

For use with 3/8" (9.5 mm) I.D. hose and applications requiring a 1/4" NPT thread. Threads into our portable fuel tanks and will also work with our water separating filter bracket.

A .375 inch ID brass fitting for use with gasoline fuel only. This material should not be used with diesel fuels.

THREADED HOSE BARB



22-**8M0125175**

For use with 3/8"-18 (9.5MM). Threads into our portable fuel tanks and will also work with our water separating filter bracket.

.375 inch ID stainless steel fitting for use with both gasoline and diesel fuel.

THREADED HOSE BARB



22-**8M0058419**

For use with 5/16" (8 mm) I.D. hose and applications requiring a 1/4" NPT thread. Threads into our portable fuel tanks and will also work with our water separating filter bracket.

A stainless steel fitting for use with both gasoline and diesel fuel.
This fitting has a .300 inch ID.

THREADED HOSE BARB-ENGINE END



22- **89772T 1**

For use with .3125 In. (8 mm) I.D. hose and applications requiring a .125 In. NPT thread.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

PIPE PLUG

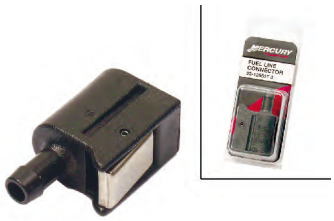


22-**8M0204652**

1/4" -18 NPT (Steel)

Priced individually, sold @ multiples of 2

QUICK DISCONNECT



22- **13563T 3**

Used with newer fuel line diameter.

Fits Force 40 hp. and larger (1993 and Newer), Force 9.9/15/25 hp. (1998) and all Mercury/Mariner outboards using clip on type disconnect and 5/16" I.D (8 mm) fuel line.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

QUICK DISCONNECT-TANK END



22- **13563Q 7**

Clip-on style.

A double sealed clip-on type disconnect for the fuel tank end and fits a 5/16" (8 mm) I.D. fuel line.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

QUICK DISCONNECT-ENGINE END



22- **14213K**

Used with older 1/4" I.D. Hose

Fits Force 40 hp. and larger (1993 and newer), Force 9.9/15/25 hp. (1998) and all Mercury/Mariner outboards using clip on type disconnect at engine ends and 1/4" I.D. (black) fuel line.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

22- **14213Q**

Used with older 1/4" I.D. Hose

Fits Force 40 hp. and larger (1993 and newer), Force 9.9/15/25 hp. (1998) and all Mercury/Mariner outboards using clip on type disconnect at engine ends and 1/4" I.D. (black) fuel line.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

QUICK DISCONNECT-ENGINE END



22- **13563Q 3**

Used with newer fuel line diameter.

Fits Force 40 hp. and larger (1993 and Newer), Force 9.9/15/25 hp. (1998) and all Mercury/Mariner outboards using clip on type disconnect at engine ends and 5/16" I.D (8 mm) fuel line.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

QUICK DISCONNECT-TANK END



30185T 3

Bayonet style.

Bayonet style push and turn type quick disconnect for the older 6.6 gallon fuel tank.

Priced individually, sold @ multiples of 3

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

QUICK DISCONNECT-ENGINE END



30635T 3

Small twist lock type connector.

For Mercury / Mariner 3.9 thru 9.8 hp. Outboards (1971 and older) utilizing twist lock type connector.

Priced individually, sold @ multiples of 3

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

QUICK DISCONNECT-ENGINE END



22831Q 3

Twist lock type connector.

For Mercury/Mariner utilizing twist lock type connector (except Mercury 3.9 thru 9.8 hp., 1971 and older).

Priced individually, sold @ multiples of 3

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

QUICK DISCONNECT-ENGINE END



F197787T3

Engine end fits Force 5 hp., and fits 9.9/15 (1997 and prior) and 25 hp. (3 cyl., 1997 and prior).

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

QUICK DISCONNECT-ENGINE END



22831T 3

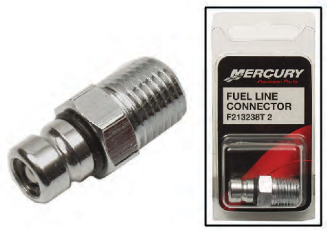
Twist lock type connector.

For Mercury / Mariner utilizing twist lock type connector (except Mercury 3.9 thru 9.8 hp., 1971 and older).

Priced individually, sold @ multiples of 3

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

FUEL CONNECTOR - ENGINE END



F213238T2

Small inlet used on older style Force and Chrysler outboards.
Priced individually, sold @ multiples of 2
Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

CONNECTOR KIT



22-**804787T**

Contains both on-engine and mating fuel line connector.
For use with 5/16 in. (8 mm) I.D. fuel line.
Priced individually, sold @ multiples of 2
Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

MALE FUEL CONNECTOR - QUICK DISCONNECT



22-**816856T 3**

For use with 5/16 in. (8 mm) I.D. fuel line.
Priced individually, sold @ multiples of 2
Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

THREADED HOSE BARB



22- **89771T 2**

For use with 5/16" (8 mm) I.D. hose and applications requiring a 1/4" NPT thread. Threads into our portable fuel tanks and will also work with our water separating filter bracket.
A .250 inch ID brass fitting for use with gasoline fuel only. This material should not be used with diesel fuels.
Priced individually, sold @ multiples of 2
Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

22- **89771Q 2**

For use with 5/16" (8 mm) I.D. hose and applications requiring a 1/4" NPT thread. Threads into our portable fuel tanks and will also work with our water separating filter bracket.
A .250 inch ID brass fitting for use with gasoline fuel only. This material should not be used with diesel fuels.
Priced individually, sold @ multiples of 2
Quicksilver Branded, Clamshell Package Point of Sale Packaged.

ON-ENGINE FUEL CONNECTOR



22-**816856Q 3**

For use with 5/16 in. (8 mm) I.D. fuel line.
Priced individually, sold @ multiples of 2
Quicksilver Branded, Clamshell Package Point of Sale Packaged.

FUEL LINE COUPLER



22-**8M0001721**

Barbed ends.
Provides for coupling Mercury .375 ID fuel line with Mercury .3125 ID fuel line.
Priced individually, sold @ multiples of 2

FUEL LINE SNAPPER CLAMP



54- **41582T 7**

Fuel line hose clamp.

For use with our gray color, 5/16 in. (8 mm) I.D. fuel line.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

BLOW START SIPHON

BLOW-START SIPHON



91-**827497A 1**

The ruggedly constructed siphon is a quick and convenient way to transfer fuel from a gas can to a fuel tank. The siphon flows approximately five gallons of fuel per minute. Siphoning is started by blowing air into a blow-tube. Even better, it eliminates the old "fuel-in-the-mouth" possibility and stores easily. The siphon is very useful in areas where boat fuel is no longer available at the dock.

Quicksilver Branded, Peg Display Product Point of Sale Packaged.

WATER ELIMINATOR

Uses polymer crystals encased in a plastic filter to absorb water from the fuel in a fuel tank.

WATER ELIMINATOR



67-**808887Q**

Contains a drying agent commonly used to keep small, sealed containers dry. It absorbs water that has collected in the fuel tank.
How to use: Attach to the inside fuel cap with the lanyard (included). Adjust the lanyard so the Water Eliminator sits at the bottom of the fuel tank. Replace as needed.
For use in all octane grades of gasoline, including ethanol blended. Not recommended for diesel fuel.

For use in all 2-cycle and 4-cycle gasoline outboard, sterndrive, inboard and jet drive marine engines.

Priced individually, sold @ multiples of 6

Quicksilver Branded, Point of Sale Packaged.

FUEL FILTERS

INLINE FUEL FILTER



35-**816296K03**

In-line fuel filter used with 1/4 in. ID fuel line.

Located under the cowling, on the outboard engine. Found in use with 1/4" hose. Mainly used with the 8/9.9/15 hp. FourStroke outboard (323cc, USA-0T003862-1B727495).

Priced individually, sold @ multiples of 3

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

INLINE FUEL FILTER



35-**816296K 2**

In-line fuel filter used with 5/16 in. ID fuel line.

Priced individually, sold @ multiples of 3

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

35-**816296Q 2**

In-line fuel filter used with 5/16 in. ID fuel line.

Priced individually, sold @ multiples of 3

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

FUEL PUMP FILTER



35- **49088T 2**

Used on all MerCruiser engines with Rochester 2 barrel carburetor and Carter fuel pump.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

35- **49088Q 2**

Used on all MerCruiser engines with Rochester 2 barrel carburetor and Carter fuel pump.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

INLINE FUEL FILTER



35-**8M0157133**

An in-line fuel filter located under cowl on outboard engines.

Fits the 4/5 hp. 2-cycle (1999 & newer), the 4/5/6 hp. FourStroke (1999 & newer), the 8/9.9 hp. FourStroke (2005 & newer) and the 15/20 hp. FourStroke (351cc, 2008 and newer).

FUEL FILTER KIT



35- **87946K04**

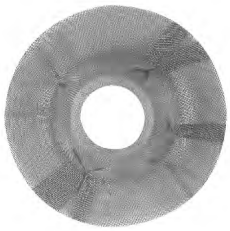
149 micron screen

Replacement fuel filter screen and viton seal for use with Mercury/Mariner outboard under-cowl fuel filter assemblies with screw-on bowl. This kit services the prior filter assembly that was all white in color (both top and bowl).

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

FUEL FILTER



35- **73532**

FUEL FILTER



35- **80365M**

Fits 9.9/15 HP 4-Stroke Outboards

FUEL FILTER



35-**877565T 1**

Fits 25 Hp - 90 Hp 4-Stroke Carbureted Outboards
1999 and Newer

FUEL FILTER



35-**879885K**

In-line, under cowl fuel filter.

Used on the 30/40 EFI FourStroke outboard, the 4 cylinder (996 cc) 40/50/60 hp. EFI FourStroke outboards, the 75-115 FourStroke (1.7L, s/n 1B366823-2B094995), the 75-115 FourStroke (2.1L, s/n 2B094996 and above), the 150 EFI FourStroke (1B905505 and above) and the 135 thru 300 hp. Verado outboards.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

FUEL FILTER



35-**879885Q**

In-line, under cowl fuel filter.

Used on the 30/40 EFI FourStroke outboard, the 4 cylinder (996 cc) 40/50/60 hp. EFI FourStroke outboards, the 75-115 FourStroke (1.7L, s/n 1B366823-2B094995), the 75-115 FourStroke (2.1L, s/n 2B094996 and above), the 150 EFI FourStroke (1B905505 and above) and the 135 thru 400 hp. Verado outboards.

FUEL FILTER KIT

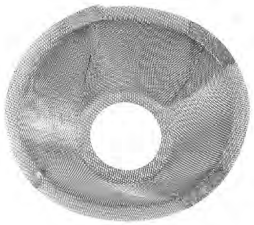


35-**816296A 3**

In-line fuel filter used with 1/4 in. ID fuel line.

Located under the cowling, on the outboard engine. Found in use with 1/4" hose. Mainly used with the 8/9.9/15 hp. FourStroke outboard (323cc, USA-0T003862-1B727495).

SCREEN



35- **59072**

Inlet fuel pump.

Priced individually, sold @ multiples of 3

FUEL FILTER ELEMENT



35-**8M0168897**

Fits Mercury/Mariner 75/90/115 hp. FourStroke carbureted outboards.

FUEL FILTER ELEMENT



35-**8M0122424**

Under cowl replacement cartridge where applicable.

Fits the under cowl L4 Verado outboard replaceable cartridge fuel filter, the 200-300 hp. L6 Verado (2B144122 & Below) 1.5L & 3.0L DFI outboards that utilize a vapor separator with a top screw-in type filter. Also fits the MCM 4.5L and 6.2L (2A456613 & newer) engines.

Mercury Precision Branded, Box Point of Sale Packaged.

35-**8M0122423**

Under cowl replacement cartridge where applicable.

Fits the under cowl L4 Verado outboard replaceable cartridge fuel filter, the 200-300 hp. L6 Verado (2B144122 & Below) 1.5L & 3.0L DFI outboards that utilize a vapor separator with a top screw-in type filter. Also fits the MCM 4.5L and 6.2L (2A456613 & newer) engines.

Quicksilver Branded, Box Point of Sale Packaged.

FUEL FILTER SCREEN

35-**8M0090809**

In-line, under cowl fuel filter

Used on the 75-115HP & 115HP ProXs 2.1L EFI FourStroke (2B094996 & above), 150HP EFI FourStroke (1B905505 & above), 200-600HP L6 Verado (2B141124 & above)

FUEL FILTER SCREEN KIT



8M0154660

Screen fuel filter, fuel supply module hose, clamp, and instruction sheet.

150HP EFI FourStrokes S/N: 2B178186 & above

INLINE FUEL FILTER



35-**879884T**

A cartridge type fuel filter located under the cowl on outboard engines.

30HP 3cyl. & 40-60 4cyl. EFI FourStroke engines, 0T409000 and above.

FUEL FILTER ELEMENT

Image not Available.

35-**8M0149607**

A cartridge type of fuel filter element, located under the cowl on outboard engines. Element of fuel filter assembly, 879884T.

40-60 EFI 4 Stroke engines, 0T409000 and above.

FUEL PUMP FILTER



35-**8M0046751**

Fits MCM 120/2.5L, 140/3.0L/LX, 3.7L, 3.8L & 4.3L engines.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

35-**8M0046752**

Fits MCM 120/2.5L, 140/3.0L/LX, 3.7L, 3.8L & 4.3L engines.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

WATER SEPARATING FUEL FILTER

WATER SEPARATING FUEL FILTER KIT



8M0056547

Accessory under cowl kit.

Fits the Mercury/Mariner 4/5/6 hp. FourStroke outboards starting with serial number 0R411838.

WATER SEPARATING FUEL FILTER



8M0157616

NEW design to be smaller to better fit the hand, the internal holding capacity of this filter is as great as our standard filter. A new o-ring for the water sensor is included with each filter. This new filter when used with the new water-in-fuel sensor 8M0157779, meets U.S. Coast Guard and ABYC H-24 fuel-system requirements. Designed to meet 33 CFR 183.590 or ISO 10088 fire test.

This replacement filter fits the vessel mounted filter kit furnished standard with all FSM equipped 6-cylinder Verado outboards, Gen 5 (s/n 2B144123 and above).

WATER SEPARATING FUEL FILTER KIT



8M0109543

A vessel mounted water separating fuel filter featuring a see-through bowl for visual inspection and a drain for servicing. A water in fuel sensor will provide an alert compatible with Mercury controls and instrumentation. Hose fittings are included for 3/8 inch (9.5 mm) I.D. fuel lines and 2 adjustable hose clamps. For use with vented fuel tanks only.

Fits the Mercury/Mariner F150 Hp. EFI FourStroke 4-cylinder outboard, the F75-115 Hp. FourStroke (s/n 2B094996 and above) and must be installed in a compartment open to the atmosphere or void of ignition sources.

QUICKSILVER WATER SEPARATING FUEL FILTER



35-**8M0146203**

Outboard Element without Plastic Bowl, spins on to existing Quicksilver filter heads with 11/16-16 threads.

For outboards, allows for filter replacement when re-using the see-through plastic bowl. Degree of filtration is 10 micron.

QUICKSILVER WATER SEPARATING FUEL FILTER



35-**8M0146206**

Outboard Element without Plastic Bowl, spins on to existing Racor filter heads with 1-14 threads.

For outboards, allows for filter replacement when re-using the see-through plastic bowl. Degree of filtration is 10 micron.

WATER SEPARATING FUEL FILTER



35-802893T

25 micron

Used in both outboard and MerCruiser applications (except 1992 MerCruiser 4.3 L Gen II engines equipped with an in-line fuel filter & 1.6L Vazer and 3.0L MPI engines).

Mercury Precision Branded, Box Point of Sale Packaged.

WATER SEPARATING FUEL FILTER



35-802893Q01

25 micron

Used in both outboard and MerCruiser applications (except 1992 MerCruiser 4.3 L Gen II engines equipped with an in-line fuel filter & 1.6L Vazer and 3.0L MPI engines).

Priced individually, sold @ multiples of 6

Quicksilver Branded, Box Point of Sale Packaged.

WATER SEPARATING FUEL FILTER



35- 18458T 3

Water separating fuel filter with the black screw-in sensor.

Located under the cowl on all Mercury/Mariner V-6 EFI outboard engines, 1995 and earlier.

Mercury Precision Branded, Box Point of Sale Packaged.

WATER SEPARATING FUEL FILTER



35- 18458T 4

Water separating fuel filter with the blue screw-in sensor.

Located under the cowl on all Mercury/Mariner V-6 EFI/DFI outboard engines, 1996 and newer.

Mercury Precision Branded, Box Point of Sale Packaged.

WATER SEPARATING FUEL FILTER



35- 18458Q 4

Water separating fuel filter with the blue screw-in sensor.

Located under the cowl on all Mercury/Mariner V-6 EFI/DFI outboard engines, 1996 and newer.

Quicksilver Branded, Box Point of Sale Packaged.

WATER SEPARATING FUEL FILTER KIT



35-8M0114618

This vessel mounted kit (with higher capacity) replaces the engine on-board water separating fuel filter. It features the use of a see-through plastic bowl for visual inspection and a drain for servicing. This kit may be used as optional to the standard kit now shipped with Gen 5, FSM equipped 6-cylinder Verados. For use with vented fuel tanks only.

Fits the 6-cylinder Gen IV and newer Verado outboard and must be installed in a compartment open to the atmosphere or void of ignition sources.

QUICKSILVER WATER SEPARATING FUEL FILTER



35-8M0116793

Replaces element with plastic bowl and spins on existing Quicksilver filter heads.

For outboards, has a see-through plastic bowl allowing for visual inspection. Check for adequate clearance prior to mounting. Degree of filtration is 10 micron.

WATER SEPARATING FUEL FILTER KIT



8M0097838

Filter Kit, consisting of filter canister featuring sight bowl and manual drain and including our filter bracket with fittings. No water in fuel sensor is included or used with this kit. For use with vented fuel tanks only.

Vessel mounted in a ventilated location open to the atmosphere or void of ignition sources, this kit is intended for use with Mercury, Mariner or Force gasoline outboard engines that do not already have a water separating fuel filter. This kit is included standard with the F75-150 FourStroke SeaPro outboards beginning in 2014.

WATER SEPARATING FUEL FILTER KIT



35-**8M0113498**

This vessel mounted kit (with higher capacity) replaces the engine on-board water separating fuel filter. It features the use of a see-through plastic bowl for visual inspection and a drain for servicing. For use with vented fuel tanks only.

Fits the 135-200 Hp. 4-cylinder Verado outboard and must be installed in a compartment open to the atmosphere or void of ignition sources.

WATER SEPARATING FUEL FILTER



35-**8M0079962**

High volume replacement filter featuring 10 micron filtration with over 90% efficiency, flowing 120 gallons per hour while separating water from your fuel. The internal epoxy coating protects against corrosion and the low pressure drop reduces fuel flow restriction helping to prevent vapor-locking and stalling. This filter contains 25% more media than comparable aftermarket filters, providing longer life and improved water separation.

Fits remote mounted applications that do not have clearance issues.

WATER-IN-FUEL SENSOR (WIF)

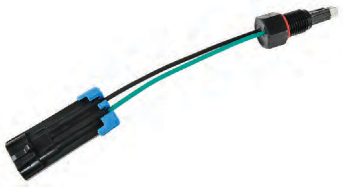


8M0157779

Helps detect water-in-fuel. Designed to meet 33 CFR 183.590 or ISO 10088 fire test, which meets U.S. Coast Guard and American Boat and Yacht Council (ABYC H-24) fuel-system requirements. This sensor is included with complete water separating fuel filter kit 8M0157707.

Works with all boats that run a vessel mounted water separating fuel filter 8M0157616.

WATER-IN-FUEL SENSOR (WIF)



8M0021043

Help detect water-in-fuel.

L6 Verado and other boat mounted fuel filters. Works with filter part number 8M0095659.

WATER SEPARATING FUEL FILTER KIT



35-**8M0082291**

High capacity water separating fuel filter kit allows for 120 gallons per hour fuel flow. 10-micron fuel filter with over 90% efficiency removes harmful contaminants, particles and power robbing water from your fuel between your tank and the engine. The filter in the kit contains more than 25% more filter media than non-Quicksilver filters. Internal epoxy coating and corrosion resistant external paint for increased weather resistance.

For use with 2-cycle and 4-stroke outboards and both gasoline and diesel stern drive and inboard engines. This kit includes the vessel mount head, without the fittings. It can deliver high fuel volume flow for multiple outboard, stern drive or inboard engine applications. Brass or stainless-steel fuel line fittings sold separately. Check your owner's manual for inspection and replacement schedules.

PORTABLE FUEL FILTER "MR FUNNEL"



35-**8M0032639**

5 GPM
Proprietary filter prevent water, dirt and debris from passing through the fuel tank.
Works with gasoline, kerosine and diesel fuel.

PORTABLE FUEL FILTER "MR FUNNEL"



35-**8M0032640**

12 GPM
Proprietary filter prevent water, dirt and debris from passing through the fuel tank.
Works with gasoline, kerosine and diesel fuel.

WATER SEPARATING FILTER BRACKET



89876A 3

Includes brass fittings. 11/16-16 threads
For vessel mounted applications.

THREADED HOSE BARB



22- **89771Q 2**

For use with 5/16" (8 mm) I.D. hose and applications requiring a 1/4" NPT thread. Threads into our portable fuel tanks and will also work with our water separating filter bracket.
A .250 inch ID brass fitting for use with gasoline fuel only. This material should not be used with diesel fuels.
Priced individually, sold @ multiples of 2
Quicksilver Branded, Clamshell Package Point of Sale Packaged.

THREADED HOSE BARB



22- **34982**

For use with 3/8" (9.5 mm) I.D. hose and applications requiring a 1/4" NPT thread. Threads into our portable fuel tanks and will also work with our water separating filter bracket.
A .375 inch ID brass fitting for use with gasoline fuel only. This material should not be used with diesel fuels.

PIPE PLUG



22-**8M0204652**

1/4" -18 NPT (Steel)
Priced individually, sold @ multiples of 2

FUEL LINE SNAPPER CLAMP



54- **41582T 7**

Fuel line hose clamp.
For use with our gray color, 5/16 in. (8 mm) I.D. fuel line.
Priced individually, sold @ multiples of 2
Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

WIF SENSOR EXTENSION HARNESS



84-**8M0105263**

Helps detect water in fuel.
Provides a 36 inch (914 mm) extension for the vessel mounted water separating fuel filters that are equipped with a WIF (water in fuel) sensor.

84-**8M0105264**

Helps detect water in fuel.

Provides a 6 foot (1.8 m) extension for the vessel mounted water separating fuel filters that are equipped with a WIF (water in fuel) sensor.

WATER SEPARATING FUEL FILTER - ON ENGINE



35-**8M0106635**

This filter separates water from fuel as it removes other impurities. Fuel contaminated water can result in poor engine performance, stalling and damage to the fuel system.10 Micron filtration.

Fits: 175-300HP V6 & V8 FourStroke outboards. Replace fuel filter every 100hrs. of normal use or minimally once per season.

Mercury Precision Branded, Box Point of Sale Packaged.

WATER SEPARATING FUEL FILTER - BOAT MOUNTED



35-**8M0126144**

Removes 99% of water and other impurities from gasoline. 10 Micron filtration over 95% efficiency.

Fits: 175-300HP V6 (3.4L) & V8 (4.6L) FourStroke outbaords. Replace filter every 100hrs. of normal use or minimally once per season.

Mercury Precision Branded, Box Point of Sale Packaged.

WATER SEPARATING FUEL FILTER KIT



35-**8M0135386**

A vessel mounted water separating fuel filter featuring a see-through bowl for visual inspection and a drain for servicing. A water in fuel sensor will provide an alert compatible with Mercury controls and instrumentation.

Fits: 175-350HP V6 (3.4L) & V8 (4.6L) FourStroke outboards. Must be installed in a compartment open to the atmosphere or void of ignition sources.

WATER SEPARATING FUEL FILTER KIT - FIRE COMPLIANT



8M0157707

Contains water separating fuel filter, water-in-fuel sensor, base, electrical harness, 2 barbed connectors, and 2 pipe plugs. This kit was designed to meet U.S Coat Guard and ABYC H-24 fuel-system requirements. Also designed to meet 33 CFR 183.590 or ISO 10088 fire test.

Shipped standard with all FSM equipped 6-cylinder Verado outboards, Gen 5 L6 Verado. It will also work with inboard vessels and vessels that have generator applications. This is the only approved fuel filter kit that meets the fire test regulations mentioned above.

WATER SEPARATING FUEL FILTER KIT



98-**8M0103686**

An option to the standard provided, vessel mounted water separating filter kit. Contains filter, bracket hose and harness to install a water separating filter under the cowl of a 6-cylinder, Gen 5, FSM equipped Verado outboard.

Fits the Gen 5, 6-cylinder Verado outboard (s/n 2B144123 and above).

WATER SEPARATING FUEL FILTER KIT



35-**802893Q 4**

For gasoline use only. Degree of filtration is 25 micron, minimum.

Used in both outboard and MerCruiser applications (except 1992 MerCruiser 4.3 L Gen II engines equipped with an in-line fuel filter).

Quicksilver Branded, Box Point of Sale Packaged.

CARBURETOR FUEL FILTER



35- **53336T**

For Rochester 2 & 4-barrel and MerCarb 2-barrel carburetors.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

REMOTE FUEL TANK ADAPTER KITS

Adapts the listed Mercury / Mariner 4/5 hp. Outboards to optional use of a remote style fuel tank.

REMOTE FUEL TANK ADAPTER KIT



22- **15781A12**

Kit includes hoses, shut-off valve and fitting.

Fits Mercury / Mariner 4/5 hp. (1 cyl.) 2 cycle outboards (USA 0A816941-0A855096).

THERMOSTAT KIT

Raises engine operating temperature for improved running and idling qualities.

THERMOSTAT KIT



14586A 3

Includes 120 degree thermostat and gaskets.

Fits various Mercury/Mariner 6-25 hp. 2 cycle outboards. See application chart for specific engine models.

THERMOSTAT KIT



14586A 4

Includes 120 degree thermostat, gaskets and poppet valve.

Fits various Mercury / Mariner 50/55/60 hp. 2 cycle outboards. See application chart for specific engine models.

THERMOSTAT KIT



14586A 6

Includes 120 degree thermostat, gaskets and poppet valve.

Fits various Mercury / Mariner 50/55/60 hp. 2 cycle outboards. See application chart for specific engine models.

THERMOSTAT KIT



14586A 7

Includes 130 degree thermostat, gaskets and poppet valve.

Fits Mercury / Mariner 30/40 hp. (2 cyl.) 2 cycle outboards (USA 0G044027 and Newer, BEL 9855139 and Newer).

THERMOSTAT KIT



803061T 1

Includes 120 degree thermostat, thermostat gasket, washer and cover gasket.

Fits various Mercury/Mariner 70-125 hp. 2 cycle outboards (1987 and Newer). See application chart for specific engine models.

THERMOSTAT KIT



807252T 3

140 degree

Fits 1982 and older Ford and GM V-8 engines with standard cooling & 1996 and older hi-performance models. Also fits engines with closed cooling.

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

THERMOSTAT KIT



825212A 1

Includes 120 degree thermostat and gaskets.

Fits 30 hp and 40 hp 3 cylinder 4-stroke outboards See application chart for specific engine models.

825212A 1

Includes 120 degree thermostat and gaskets.

Fits 30 hp and 40 hp 3 cylinder 4-stroke outboards See application chart for specific engine models.

THERMOSTAT KIT



850055A 2

Includes 110 degree thermostat and gaskets.

Fits various Mercury / Mariner 40/50/55/60 hp. 2 cycle outboards. See application chart for specific engine models.

THERMOSTAT KIT



825212A 1

Includes 120 degree thermostat and gaskets.

Fits 30 hp and 40 hp 3 cylinder 4-stroke outboards See application chart for specific engine models.

THERMOSTAT ASSEMBLY



8M0162139

Replacement Thermostat Assembly

140°F degree thermostat for select 175-300hp and 450R 3.4L V6 and 4.6L V8 4-stroke outboards (s/n: 2B529482 & above)

THERMOSTAT ASSEMBLY

Image not Available.

8M0177662

Includes top and bottom housing, 160 degree thermostat, 140 degree thermostat, spring, retainer, gasket, O-ring, plate, and hardware.

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

THERMOSTATS CHART - MERCURY/MARINER

Mercury/Mariner Thermostats

Model	Brand	Year Range	Country	Serial # Range	Thermostat Kit
6	Mercury/Mariner	1986 - 2003	USA	0A197112 - 0T800749	14586A 3(2)
6	Mercury/Mariner	1986 - 2006	BEL	9461526 and up	14586A 3(2)
8	Mercury/Mariner	1986 - 2006	USA	0A197112 and up	14586A 3(2)
8	Mercury/Mariner	1986 - 2006	BEL	9461526 and up	14586A 3(2)
9.9	Mercury/Mariner	1986 - 2023	USA	0A197112 and up	14586A 3(2)
9.9	Mercury/Mariner	1986 - 2023	BEL	9461526 and up	14586A 3(2)
8 FourStroke	Mercury/Mariner	2001 - 2004	BEL	0P086824 - 0P325499	825212A 1(2)
9.9 FourStroke	Mercury/Mariner	1999 - 2004	USA	0G760300 - 0T979999	825212A 1(2)
9.9 FourStroke	Mercury/Mariner	1999 - 2004	BEL	0P075166 - 0P325499	825212A 1(2)

OUTBOARD

Model	Brand	Year Range	Country	Serial # Range	Thermostat Kit
15	Mercury/Mariner	1988 - 2023	USA	0B292414 and up	14586A 3(2)
15	Mercury/Mariner	1988 - 2023	BEL	9542620 and up	14586A 3(2)
15 SEA PRO	Mercury	1994 - 2023	USA	0G044365 and up	14586A 3(2)
15 SEA PRO	Mercury	1994 - 2023	BEL	9927000 and up	14586A 3(2)
SUPER 15	Mariner	1988 - 2023	USA	0B238464 and up	14586A 3(2)
SUPER 15	Mariner	1988 - 2023	BEL	9507381 and up	14586A 3(2)
SUPER 15	Mariner	1988 - 2023	CAN	0A730007 and up	14586A 3(2)
15 FourStroke (323cc)	Mercury/Mariner	1998 1/2 - 2008	USA	0G590000 - 1B727495	825212A 1(2)
15 FourStroke (323cc)	Mercury/Mariner	1999 - 2008	BEL	0P075166 and up	825212A 1(2)
15 EFI FourStroke	Mercury/Mariner	2018 - 2023	JPN	0R833820 - and up	8M0139434
20	Mercury/Mariner	1986 - 2003	USA	0B114231 - 0T800749	14586A 3(2)
20	Mercury/Mariner	1986 - 2023	BEL	9467988 and up	14586A 3(2)
20	Mercury/Mariner	1986 - 2003	CAN	0A719661 and up	14586A 3(2)
20 EFI FourStroke	Mercury/Mariner	2018 - 2023	JPN	0R833820 - and up	8M0139434
25 (2 Cyl)	Mercury/Mariner	1986 - 2023	USA	0B114231 and up	14586A 3(2)
25 (2 Cyl)	Mercury/Mariner	1986 - 2023	BEL	9467988 and up	14586A 3(2)
25 (2 Cyl)	Mercury/Mariner	1986 - 2023	CAN	0A719661 and up	14586A 3(2)
25 SEA PRO	Mercury	1988 - 2023	USA	0B238464 and up	14586A 3(2)
25 SEA PRO	Mercury	1988 - 2023	BEL	9507381 and up	14586A 3(2)
25 SEA PRO	Mercury	1988 - 2023	CAN	0A730007 and up	14586A 3(2)
25 FourStroke	Mercury/Mariner	1998 - 2005	USA	0G590000 - 1B226999	825212A 1(2)
25 FourStroke	Mercury/Mariner	1999 - 2005	BEL	0P075166 - 0P400999	825212A 1(2)
30 (2 Cyl)	Mercury/Mariner	1994 - 2023	USA	0G044027 and up	14586A 7(3)
30 (2 Cyl)	Mercury/Mariner	1994 - 2023	BEL	9855139 and up	14586A 7(3)
30 FourStroke	Mercury/Mariner	1999 - 2005	USA	0G760300 - 1B226999	825212A 1(2)
30 FourStroke	Mercury/Mariner	1999 - 2005	BEL	0P017000 - 0P400999	825212A 1(2)
35	Mercury/Mariner	1984 - 2023	USA	6445653 and up	N.L.A.(3)
35	Mercury/Mariner	1984 - 2023	BEL	9384476 and up	N.L.A.(3)
40 (2 Cyl)	Mercury/Mariner	1994 - 2023	USA	0G044027 and up	14586A 7(3)
40 (2 Cyl)	Mercury/Mariner	1994 - 2023	BEL	9855139 and up	14586A 7(3)
40 (3 Cyl)	Mercury/Mariner	1997 - 2023	USA	0G531301 and up	850055A 2(2)
40 (3 Cyl)	Mercury/Mariner	1997 - 2023	BEL	9973100 and up	850055A 2(2)
40 FourStroke (3 cyl.)	Mercury/Mariner	1998 - 2023	USA	0G231123 and up	825212A 1(2)
40 FourStroke (3 cyl.)	Mercury/Mariner	1999 - 2023	BEL	0P017000 and up	825212A 1(2)
45 FourStroke	Mercury/Mariner	1996 - 2000	USA	0G231123 and up	825212A 1(2)
50 (3 Cyl)	Mercury/Mariner	1987 - 1990	USA	0B110789 - 0D000749	N.L.A.(3)
50 (3 Cyl)	Mercury/Mariner	1987 - 1990	BEL	9482600 - 9671686	N.L.A.(3)
50 (3 Cyl)	Mercury/Mariner	1991 - 1993	USA	0D000750 - 0D181999	14586A 4(3)
50 (3 Cyl)	Mercury/Mariner	1991 - 1993	BEL	9682500 - 9740999	14586A 4(3)
50 (3 Cyl)	Mercury/Mariner	1994 - 1997	USA	0D182000 - 0G589999	14586A 6(3)
50 (3 Cyl)	Mercury/Mariner	1994 - 1997	BEL	9741000 - 9973099	14586A 6(3)
50 (3 Cyl)	Mercury/Mariner	1998 - 2023	USA	0G590000 and up	850055A 2(2)
50 (3 Cyl)	Mercury/Mariner	1998 - 2023	BEL	9973100 and up	850055A 2(2)
50 FourStroke	Mercury/Mariner	1995 - 2000	USA	0G231123 - 0T178499	825212A 1(2)
55 (3 Cyl)	Mercury/Mariner	1991 - 1993	USA	0D000750 - 0D181999	14586A 4(3)
55 (3 Cyl)	Mercury/Mariner	1991 - 1993	BEL	9682500 - 9740999	14586A 4(3)
55 (3 Cyl)	Mercury/Mariner	1994 - 1997	USA	0D182000 - 0G589999	14586A 6(3)
55 (3 Cyl)	Mercury/Mariner	1994 - 1997	BEL	9741000 - 9973099	14586A 6(3)
55 (3 Cyl)	Mercury/Mariner	1998 - 2023	USA	0G590000 and up	850055A 2(2)
55 (3 Cyl)	Mercury/Mariner	1998 - 2023	BEL	9973100 and up	850055A 2(2)
60 (3 Cyl)	Mercury/Mariner	1987 - 1990	USA	0B110789 - 0D000749	N.L.A.(3)
60 (3 Cyl)	Mercury/Mariner	1987 - 1990	BEL	9482600 - 9671686	N.L.A.(3)
60 (3 Cyl)	Mercury/Mariner	1991 - 1993	USA	0D000750 - 0D181999	14586A 4(3)
60 (3 Cyl)	Mercury/Mariner	1991 - 1993	BEL	9682500 - 9740999	14586A 4(3)
60 (3 Cyl)	Mercury/Mariner	1994 - 1997	USA	0D182000 - 0G589999	14586A 6(3)
60 (3 Cyl)	Mercury/Mariner	1994 - 1997	BEL	9741000 - 9973099	14586A 6(3)

Model	Brand	Year Range	Country	Serial # Range	Thermostat Kit
60 (3 Cyl)	Mercury/Mariner	1998 - 2023	USA	0G590000 and up	850055A 2(2)
60 (3 Cyl)	Mercury/Mariner	1998 - 2023	BEL	9973100 and up	850055A 2(2)
70 (3 Cyl)	Mercury/Mariner	1987 - 2023	USA	0A996142 and up	803061T 1(1)
70 (3 Cyl)	Mercury/Mariner	1987 - 2023	BEL	9483121 and up	803061T 1(1)
75 (3 Cyl)	Mercury/Mariner	1990 - 2023	USA	0C222000 and up	803061T 1(1)
75 (3 Cyl)	Mercury/Mariner	1990 - 2023	BEL	9589039 and up	803061T 1(1)
80 (3 Cyl)	Mercury/Mariner	1987 - 2023	USA	0A996142 and up	803061T 1(1)
80 (3 Cyl)	Mercury/Mariner	1987 - 2023	BEL	9483121 and up	803061T 1(1)
90 (3 Cyl)	Mercury/Mariner	1987 - 2023	USA	0A996142 and up	803061T 1(1)
90 (3 Cyl)	Mercury/Mariner	1987 - 2023	BEL	9483121 and up	803061T 1(1)
100 (4 Cyl)	Mercury/Mariner	1988 - 2023	USA	0B209468 and up	803061T 1(1)
100 (4 Cyl)	Mercury/Mariner	1988 - 2023	BEL	9523034 and up	803061T 1(1)
115 (4 Cyl)	Mercury/Mariner	1989 - 2023	USA	0C100000 and up	803061T 1(1)
115 (4 Cyl)	Mercury/Mariner	1989 - 2023	BEL	9559771 and up	803061T 1(1)
125 (4 Cyl)	Mercury/Mariner	1994 - 2023	USA	0D283222 and up	803061T 1(1)
125 (4 Cyl)	Mercury/Mariner	1994 - 2023	BEL	9793577 and up	803061T 1(1)

(1) Includes new thermostat, thermostat gasket, washer and cover gasket.

(2) Includes thermostat & gaskets.

(3) Includes thermostat, gaskets and poppet valve.

STARTER ROPES FOR MANUAL STARTERS

STARTER ROPE

Image not Available.

50- **12066K10**

Fits Mercury/Mariner outboards,
4/5hp. (2-cycle) 1990 and newer
7.5-50hp. (2-cycle)1963-1985
20-75hp. (2-cycle) 1986 & newer
2.5-6hp. FourStroke 1995 & newer
8/9.9 FourStroke (232cc, 323cc) 1995-2004
15hp. FourStroke (323cc) 1998-2006
25hp. FourStroke (Carb) 1998-2005
30hp. FourStroke (747cc) 1999-2005
40hp. FourStroke (747cc) 1998 & newer
.

Also fits Force, 9.9hp & above, 1984-1998

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

STARTER ROPE



50-**8M0110703**

Fits Mercury/Mariner 2.5/3.3 hp 2-cycle outboards, F2.5/3.5 hp FourStroke outboards, and 6-15 hp 2-cycle outboards, 1986 and newer.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

STARTER ROPE



50-**8M0110715**

Fits the F25-30 hp. EFI FourStroke outboards, serial number 0R106999 & above, fits the F15 hp. FourStroke, serial number 0R235949 and above, and fits the F20 hp. FourStroke outboard, serial number 0R235168 & above.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

VERTICAL MANUAL STARTER ROPE GUIDE

Converts a manual start from a horizontal to a vertical direction pull.

STARTER ROPE GUIDE



16839A 4

Fits Mercury/Mariner 4/5 hp. (1 cyl.) 2 cycle outboards (USA 0A855097 and Newer, BEL 9589154 and Newer) and Mercury/Mariner 4/5/6 hp. FourStroke outboards.

CARBURETOR ANTI-ICING KITS

Where carburetor icing is common, kit uses hot water from the engine to heat the carburetor. Used on electric or manual models.

REMOTE OIL TANK CONVERSION KITS

Converts the engine to use a remote pressurized 3 US gal (11 L) oil tank.

REMOTE OIL TANKS AND COMPONENTS

Remote pressurized oil tank reservoir system.

REMOTE 1.8 US GAL (6.8 L) OIL TANK



15943A 1

Remote 1.8 US gal (6.8 L) Oil Tank, complete with tank, lines mounting bracket and all hardware.

Optional tank size for Mercury / Mariner 2 cycle outboards, to be used wherever a pressurized oil reservoir system is already in use.

REMOTE 3.0 US GAL (11 L) OIL TANK



1257- **8742A21**

Remote 3.0 US gal (11 L) Oil Tank with sender, complete with tank, lines, floor mounting bracket and all hardware.

REMOTE 3.0 US GAL (11 L) OIL TANK



1257- **8742A22**

Remote 3.0 US gal (11 L) Oil Tank without sender, complete with tank, lines, floor mounting bracket and all hardware.

Optional tank size for Mercury/Mariner 2 cycle outboards, to be used wherever a pressurized oil reservoir system is already in use. This tank and bracket assembly is only used in floor mounted applications.

REMOTE 3.0 US GAL (11 L) OIL TANK



1257- **8742A23**

Remote 3.0 US gal (11 L) Oil Tank without sender, complete with tank, lines, mounting bracket and all hardware (old bracket design).

Optional tank size for Mercury/Mariner 2 cycle outboards, to be used wherever a pressurized oil reservoir system is already in use. This tank and bracket assembly may be optionally floor or wall mounted.

OIL TANK HOLD DOWN KIT



12335A 1

With bracket, strap and hardware.

Fits the 3.0 gallon (11 L) remote oil reservoir tank. This optional bracket may be either floor or wall mounted as desired.

OIL TANK HOLD DOWN KIT



884481A 1

With floor bracket, strap and hardware.

Fits the 3.0 gallon (11 L) remote oil reservoir tank. Bracket may only be used as a floor mounted application.

OIL TANK HOLD DOWN KIT



824954A 1

With bracket, strap and hardware.

Fits the 1.8 gallon (6.8 L) remote oil reservoir tank.

OIL TANK HOSE EXTENSION



41729A 3

Includes 30 ft. (9.14 m) of double barrel hose and 4 tie straps.

Can be used with either remote oil reservoir tank which requires a longer hose due to location.

DECK OIL FILL KIT

Allows filling remote oil reservoirs from deck mounted filler pipe.

DECK FILL KIT - OIL (STRAIGHT ELBOW)



15969A09

Complete with deck fittings, 4 ft. (1.22 m) fill hose, filler cap and necessary mounting hardware.

For use with 1.8 US gal (6.8 L) or 3 US gal (11 L) remote oil tank reservoirs. This kit must NOT be used with Auto Blend.

DECK FILL KIT - OIL (80 DEGREE ELBOW)



15969A10

Complete with deck fittings, 4 ft. (1.22 m) fill hose, filler cap and necessary mounting hardware.

For use with 1.8 US gal (6.8 L) or 3 US gal (11 L) remote oil tank reservoirs. This kit must NOT be used with Auto Blend.

REPLACEMENT TANK ADAPTER



15967

For use with 1.8 US gal (6.8 L) or 3 US gal (11 L) remote oil tank reservoirs. This kit must NOT be used with Auto Blend.

FILL CAP O-RING



25- 11332

Replacement O-Ring for Fill Cap

2.225 x .210

DECK FILL KIT - OIL (STRAIGHT ELBOW)



15969A13

Comes with deck fittings, filler cap and mounting hardware. Oil fill hose must be ordered separately to complete the assembly.

For use with 1.8 US gal (6.8 L) or 3 US gal (11 L) remote oil tank reservoirs. This kit must NOT be used with Auto Blend.

DECK FILL KIT - OIL (80 DEGREE ELBOW)



15969A11

Comes with deck fittings, filler cap and mounting hardware. Oil fill hose must be ordered separately to complete the assembly.

For use with 1.8 US gal (6.8 L) or 3 US gal (11 L) remote oil tank reservoirs. This kit must NOT be used with Auto Blend.

FRONT LOW WATER PICK-UP PLUG KIT

Used in special applications where debris is plugging the low water pick-ups in the nose of the gearcase. This will also limit the amount of cooling water flow. Do not use this kit if the side water pick-ups are out of the water when the boat is on plain.

WATER INLET PLUG KIT



895764A01

Contains two plugs, o-ring and shift shaft gasket.

Plugs the front low water pick-up on the gearcase for the 3.0L EFI/Optimax outboards with the shift shaft bushing assembly that is fastened with 2 screws.

WATER INLET PLUG KIT



8M0052921

Contains plugs and gasket to seal the low water pickups from injesting debris into the engine water cooling passages.

Fits the Verado gearcase and the Torquemaster II with the shift shaft bushing fastened with 4 screws.

GEAR HOUSING REPLACEMENT SKEGS

REPLACEMENT SKEG



898245A01

Fits Verado outboards, 135 through 300 hp. and 3.0L gearcases that have a 4.80 inch diameter torpedo.

REPLACEMENT SKEG



8M0052924

Precision die cast 360XK alloy for stronger, more uniform welds.

Fits the Verado and 3.0L gearhousings with a 5.44 inch diameter torpedo.

REPLACEMENT SKEG



15985A02

Precision die cast 360XK alloy for stronger, more uniform welds.

Fits Mercury / Mariner 50/55/60 Bigfoot (3 cyl.), 70/75/80/90 (USA 0A996142 and Newer, BEL 9483121 and Newer), 100/115/125 (0B209468 and Newer), Force 90/120 (s/n 0E093700 and Newer) and 75/90/115 FourStroke (1B366823-2B094955).

REPLACEMENT SKEG

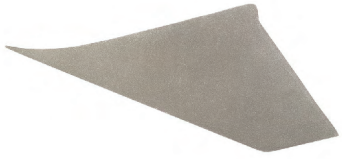


859447A 1

Precision die cast 360XK alloy for stronger, more uniform welds.

Fits Mercury / Mariner 75/80 (4 cyl.), 90/115 (6 cyl.) and most V-6 outboard models including 2.5L OptiMax. Has adequate depth for the 3.0L models but is not an exact silhouette of the original skeg.

REPLACEMENT SKEG



8M0090442

Precision die cast 360XK alloy for stonger, more uniform welds.

Fits the standard gearcase on the F75-115 hp. (2.1L) FourStroke outboards, serial number 2B094996 and above.

REPLACEMENT SKEG



8M0060147

Pecision die cast 360XK alloy for stronger, more uniform welds.

Fits the Mercury/Mariner F150 hp. EFI FourStroke 4 cylinder outboard, and the F75-115 hp. (2.1L) FourStroke Command Thrust outboard serail number 2B094996 and above..

AIR FILTERS

AIR FILTER



35-8M0082911

Fits the 75-115 EFI FourStroke outboards (1731cc) serial number 1B366823-2B094995.

AIR FILTER



35-896247

Fits the L-4 Verado outboard.

AIR FILTER



35-893318T02

Fits the L-6 Verado outboard.

OIL FILTERS - FOURSTROKE OUTBOARD

FOURSTROKE OUTBOARD OIL FILTER



35-8M0162831

FourStroke Outboard replaceable screw-on type canister filters.

Fits Mercury/Mariner 8/9.9 hp. FourStroke outboards (323cc) , 15/20 hp. FourStroke carbureted outboards, 15/20 EFI FourStroke outboards, 0R833820 and above and the 25/30 hp. EFI FourStroke outboard (MY2006 & newer).

FOURSTROKE OUTBOARD OIL FILTER



35-8M0162832

FourStroke Outboard replaceable screw-on type canister filters.

Fits Mercury/Mariner 8/9.9 hp. FourStroke outboards (323cc) , 15/20 hp. FourStroke carbureted outboards, 15/20 EFI FourStroke outboards, 0R833820 and above and the 25/30 hp. EFI FourStroke outboard (MY2006 & newer).

Quicksilver Branded, Box Point of Sale Packaged.

FOURSTROKE OUTBOARD OIL FILTER



35-8M0162829

FourStroke Outboard replaceable screw-on type canister filters - Unparalleled oil filtering protection for your Mercury or Mariner FourStroke outboard engine.

Fits Mercury/Mariner 25 hp. FourStroke (Carb, MY2006 & prior), 30 hp. FourStroke (3 cyl., MY2005 & prior), all 40-60 hp. FourStroke outboards (MY 1998 & newer), all 75-115 hp. FourStroke outboards (USA 1B366822 & prior), and all 75-115 hp. FourStroke outboards (USA 2B094996 and above).

Mercury Precision Branded, Box Point of Sale Packaged.

FOURSTROKE OUTBOARD OIL FILTER



35-8M0162830

FourStroke Outboard replaceable screw-on type canister filters - Unparalleled oil filtering protection for your Mercury or Mariner FourStroke outboard engine.

Fits Mercury/Mariner 25 hp. FourStroke (Carb, MY2006 & prior), 30 hp. FourStroke (3 cyl., MY2005 & prior), all 40-60 hp. FourStroke outboards (MY 1998 & newer), all 75-115 hp. FourStroke outboards (USA 1B366822 & prior), and all 75-115 hp. FourStroke outboards (USA 2B094996 and above).

Quicksilver Branded, Box Point of Sale Packaged.

OIL DRIP TRAY



8M0052100

After the oil resevoir has been properly drained, this tray when in place will help to prevent oil from dripping into the lower cowl when removing the side mounted engine filters listed in the application.

Fits the F25/30hp. EFI FourStroke Outboards and the F40-60hp. FourStroke outboards.

FOURSTROKE OUTBOARD OIL FILTER



35-822626Q15

Replaceable screw-on type canister filters.

Fits Mercury/Mariner V-225 hp. (V-6) FourStroke outboard and also replaces Yamaha 225 hp. four stroke outboard filter 69J-13440-00-00.

FOURSTROKE OUTBOARD OIL FILTER



35-877761K01

Replaceable screw-on type canister filter.

Fits the 75/90/115 hp. FourStroke outboard (USA 1B366823-2B094995 1731 cc.) and the new 150 hp. EFI FourStroke outboard.

Mercury Precision Branded, Box Point of Sale Packaged.

FOURSTROKE OUTBOARD OIL FILTER



35-877761Q01

Replaceable screw-on type canister filter.

Fits the 75/90/115 hp. FourStroke outboard (USA 1B366823-2B094995, 1731 cc.) and the 150 hp. EFI FourStroke outboard.

Quicksilver Branded, Box Point of Sale Packaged.

FOURSTROKE OUTBOARD OIL FILTER



35-877767K01

Replaceable screw-on type canister filter.

Fits the 135/150/175/200 hp. Verado In-line 4 cylinder outboard.

Mercury Precision Branded, Box Point of Sale Packaged.

FOURSTROKE OUTBOARD OIL FILTER



35-877767Q01

Replaceable screw-on type canister filter. Replaces the production 896546_ series oil filter.

Fits the 135/150/175/200 hp. Verado In-line 4 cylinder outboard.

Quicksilver Branded, Box Point of Sale Packaged.

FOURSTROKE OUTBOARD OIL FILTER



35-877769K01

Replaceable screw-on type canister filter.

Fits the 200/225/250/275/300/350/400R hp. Verado In-line 6 cylinder outboard.

Mercury Precision Branded, Box Point of Sale Packaged.

FOURSTROKE OUTBOARD OIL FILTER



35-877769Q01

Replaceable screw-on type canister filter. Replaces the production 883701_ series oil filter.

Fits the 200/225/250/275/300/350/400R hp. Verado In-line 6 cylinder outboard. s/n [1B517424 & above]

Quicksilver Branded, Box Point of Sale Packaged.

FOURSTROKE OUTBOARD OIL FILTER



35-8M0123025

Replaces screw-on canister filters. Requires filter wrench #889277

Fits: 175-300HP V6 (3.4L) and V8 (4.6L) FourStroke outboards.

Mercury Precision Branded, Box Point of Sale Packaged.

OIL FILTER WRENCH



91-802653Q02

This is a formed metal tool for strength and durability.

Fits replaceable screw-on type canister oil filters wherever found on current Mercury/Mariner FourStroke outboards 9.9 thru 60 hp., the 75-115 hp. s/n 1B366822 & below, and the 75-115 hp. s/n 2B094996 and above..

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

OIL FILTER WRENCH



91-889277002

Made of metal. Requires a 3/8" drive.

Fits the Mercury 35-822626T 7 screw-on type canister oil filter found on the V-225 hp. FourStroke outboard.

OIL FILTER WRENCH



91-889277

Made of metal. Requires a 3/8" drive.

Fits the Quicksilver 35-822626Q15 screw-on type canister oil filter found on the V-225 hp. FourStroke outboard and the new 877767__ & 877769__ series filters for the 135-300 Verado.

OIL FILTER WRENCH



91-**889277Q01**

Metal wrench, requires a 3/8 in. drive ratchet.

Fits the (877761__) oil filter found on the 75-115 EFI FourStroke outboard (serial number 1B366823-2B094995) and the 150 hp. EFI FourStroke outboard. Also fits the MCM (866340__) oil filter and (802893__) fuel filter found on many MCM engines.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

OIL FILTER WRENCH



91-**889277Q03**

Metal wrench, requires a .375 in. drive ratchet.

Removes the 896546_ series and 883701_ series production oil filters found on the early Verado 135-275 hp. FourStroke outboards.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

OIL DRAIN FUNNEL KIT



91-**892866A01**

Helps to direct draining crankcase oil past the cavitation plate.

Fits the XL version of the L6 Verado outboard.

OIL DRAIN PUMP



802889Q 1

8/9.9 4-stroke outboards require additional adapter 828369

Fits all MCM/MIE engines with threaded fitting on dipstick tube, and Mercury/ Mariner 8/9.9 FourStroke outboards MY2004 and prior.

Quicksilver Branded, Hanging Box Point of Sale Packaged.

ADAPTER



828369

Adapts the standard threaded style MerCruiser crankcase pump for use on the Mercury/Mariner 8/9.9 hp. FourStroke outboards (MY2004 & prior) and the 15hp. FourStroke outboard (323cc).

OIL PUMP EXTRACTION TUBE



32-**859717A 2**

.375 in O.D. tube, 19.5 in. long

Connects to the crankcase oil pump for use on the Zeus drive and various Mercury/ Mariner FourStroke outboards.

OIL LEVEL STATUS KIT



8M0142265

Optional kit for to report oil level status to be used in conjunction with SmartCraft gauges or displays.

Feature comes standard on 4.6L V8 Verado AMS. Can be added to 3.4L V6 and 4.8L V8 engines that do not have this feature. Oil level status can be viewed on VesselViews and SmartCraft gauges.

LIFTING DEVICES - OUTBOARD

LIFTING STRAP



91-**883705T01**

GW Lifting strap v6/v8

An engine lifting strap for handling of the 225 EFI and the "NEW" V6 (3.4L) and V8 (4.6L) FourStroke outboards.

LIFTING EYE/FLYWHEEL PULLER



91-**895343T02**

A combination tool utilized for both lifting the engine and for pulling the flywheel.

Fits the 75-115 hp. FourStroke outboards (s/n 1B366823 and above), 135-400 hp. Verado outboards, and the F150 EFI FourStroke outboard. Verado 400R outboard.

MERCATHODE

Automatically protects the drive unit from galvanic corrosion. The increased output provides greater protection for underwater aluminum parts. Its reliable, efficient operation requires an insignificant amount of current when protection is needed.

MERCATHODE KIT



88334A 2

Transom mounted system is mounted with the anode and reference electrode on (and through) the transom of the boat on opposite sides of the drive. The new Gen III MerCathode controller with the blue decal is mounted inside the boat.

Fits all boat applications with a 12 volt operating system.

MERCATHODE ANODE



97- **72957A 5**

Replacement anode assembly for 88334 series Mercathode systems.

MERCATHODE ELECTRODE



72958A 5

Replacement electrode assembly for 88334 series Mercathode systems.

MERCATHODE REFERENCE ELECTRODE TESTER

91-**8M0135998**

Use with a digital multimeter to test the function of Mercathode systems. Senses an electrical current in the water when testing the Mercathode system.

MERCATHODE KIT

8M0180081

Kit includes: MerCathode-yellow (1,000ma), Rig Center MerCathode Power Harness, anode, reference electrode, 5-amp harness assembly, cable assembly and Instruction sheet.

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro Outboards and all high-horsepower outboard applications.

MERCATHODE® - COMPLETE INSTALL KIT

Image not Available.

8M0180481

Kit includes: MerCathode-yellow (1,000ma), Rig Center MerCathode Power Harness, anode, reference electrode, 5-amp harness assembly, cable assembly and instruction sheet.

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro Outboards and all high-horsepower outboard applications.

ANODE ASSEMBLY

Image not Available.

97-**8M0181304**

Replacement anode for MerCathode

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro Outboards and all high-horsepower outboard applications.

MERCATHODE ELECTRODE

72958A 5

Replacement electrode assembly for 88334 series Mercathode systems.

CABLE ASSEMBLY

Image not Available.

84-**8M0060271**

5 amp Mercathode atc fuse harness.

84- **79138A 8**

TELLTALE KIT

Image not Available.

98-**8M0177357**

Includes: telltale cover, hose, tubing, clamp, hardware, and instruction sheet. V12 engines are not equipped with standard telltale and this kit allows the customer to have a visual telltale.

Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

KICKER STRAP KIT

KICKER STRAP KIT



896297A01

Aids power tilt versions in preventing excessive bouncing and stress to transom clamp brackets when fully tilted. Will automatically straighten engine in fully trimmed position. If kicker is attached to main engine for steering, attachment must be disconnected for main engine steering when the kicker engine is not in use.

Furnished standard with the MY 2005 & newer, 9.9 hp. ELHPT FourStroke, this kit can be added to the MY 2005 & newer, 9.9 hp. ELPT & EXLPT models.

ANODES - OUTBOARD KITS

ANODE KIT



97-**8M0107547**

Aluminum anodes - For use in saltwater or freshwater.
This is a complete anode kit to replace all factory installed anodes found on the transom and gearcase. Fasteners are included.

Fits Mercury/Mariner: 40-60HP EFI FourStroke BigFoot/Command Thrust only, 75-115HP EFI FourStroke (1B366823-2B094995), 75-115HP EFI FourStroke (2B094996 and Up) Standard gearcase model only.

Mercury Precision Branded, Box Point of Sale Packaged.

ANODE KIT



97-**8M0107546**

Aluminum anodes - For use in saltwater or freshwater.
This is a complete anode kit to replace all factory installed anodes found on the transom and gearcase. Fasteners are included.

Fits Mercury/Mariner: 40-60HP EFI FourStroke BigFoot/Command Thrust only, 75-115HP EFI FourStroke (1B366823-2B094995), 75-115HP EFI FourStroke (2B094996 and Up) Standard gearcase model only.

Quicksilver Branded, Box Point of Sale Packaged.

ANODE KIT



97-**8M0107549**

Aluminum anodes - For use in saltwater or freshwater.
This is a complete anode kit to replace all factory installed anodes found on the transom and gearcase. Fasteners are included.

Fits Mercury/Mariner: 75-115HP EFI FourStroke (2B094996 and Up) BigFoot and Command Thrust gearcase only, 150HP EFI FourStroke (1B905505 and Up).

Mercury Precision Branded, Box Point of Sale Packaged.

ANODE KIT



97-**8M0107548**

Aluminum anodes - For use in saltwater or freshwater.
This is a complete anode kit to replace all factory installed anodes found on the transom and gearcase. Fasteners are included.

Fits Mercury/Mariner: 75-115HP EFI FourStroke (2B094996 and Up) BigFoot and Command Thrust gearcase only, 150HP EFI FourStroke (1B905505 and Up).

Quicksilver Branded, Box Point of Sale Packaged.

ANODE KIT



97-8M0107551

Aluminum anodes - For use in saltwater or freshwater.
This is a complete anode kit to replace all factory installed anodes found on the transom and gearcase. Fasteners are included.

Fits Mercury/Mariner: 135-200HP 4 cylinder Verado, 75-115 (1.5L) and 135-250HP (2.5L and 3.0L) Optimax engines.

Mercury Precision Branded, Box Point of Sale Packaged.

ANODE KIT



97-8M0107550

Aluminum anodes - For use in saltwater or freshwater.
This is a complete anode kit to replace all factory installed anodes found on the transom and gearcase. Fasteners are included.

Fits Mercury/Mariner: 135-200HP 4 cylinder Verado, 75-115 (1.5L) and 135-250HP (2.5L and 3.0L) Optimax engines.

Quicksilver Branded, Box Point of Sale Packaged.

ANODE KIT



97-8M0126671

Aluminum anodes - For use in saltwater or freshwater.
This is a complete anode kit to replace all factory installed anodes found on the transom and gearcase. Fasteners are not included.

Fits the 6 cylinder, 200-300Hp. Verado outboards.

Mercury Precision Branded, Box Point of Sale Packaged.

97-8M0126670

Aluminum anodes - For use in saltwater or freshwater.
This is a complete anode kit to replace all factory installed anodes found on the transom and gearcase. Fasteners are not included.

Fits the 6 cylinder, 200-300Hp. Verado outboards.

Quicksilver Branded, Box Point of Sale Packaged.

ANODE KIT



97-8M0116590

Aluminum anodes - For use in saltwater and freshwater. This is a complete anode kit to replace all factory installed anodes found on the transom and gearcase. Fastener included.

350HP L6 Verado (1B716557 and Up).

Mercury Precision Branded, Box Point of Sale Packaged.

ANODE KIT



97-8M0116589

Aluminum anodes - For use in saltwater or freshwater. This is a complete anode kit to replace all factory installed anodes found on the transom and gearcase. Fasteners are included.

350HP L6 Verado (1B716557 and Up).

Quicksilver Branded, Box Point of Sale Packaged.

ANODE BULK PACK



97-8M0059338

25 Aluminum Trim Tab anodes per box. Equivalent to the individually packaged 31640T4/Q4.

Fits most Mercury/Mariner outboards 35 hp. & above and all MerCruiser except Bravo. Check for adequate propeller clearance prior to operation.

ANODE BULK PACK



97-8M0059339

10 Aluminum Anodic Plates per box. Equivalent to individually packaged 76214Q5/T5. Provides additional clearance for high rake propellers.

Fits Mercury/Mariner 35-300hp, Force 90 & 120hp 1995 and newer, MerCruiser Alpha One Gen II and Bravo I, II, III, X XR & XZ drives.

ANODE KIT BULK PACK



97-**8M0172259**

20 Aluminum anodes per box.

ANODE SIDE POCKET BULK PACK



97-**8M0059344**

10 Aluminum side pocket anodes per box
Located in side pockets on the gearhousing just above the cavitation plate.
Equivalent to the 826134Q/T. No hardware included in this bulk pack of 10 pieces.
Fits Mercury/Mariner 30-300hp outboards and also fits Force 90 & 120hp 1995 and newer outboards.

ANODES - TRIM TAB/PLATE

ANODE



97- **14205M**

Aluminum
Fits Mariner 6C (6H8), 6D (6H6), and 8C (6G1).

ANODE PLATE



97- **15300**

Zinc

TRIM TAB



17264T 2

Fits Force Model 70B (1991), Force 70A (1992), Force 70C (1991-1992), Force 70 (0E000001-0E138599), Force 75 (0E138600-0E344999), Mercury/Mariner F40 FourStroke, 3 cylinder, Longshaft (CHN 1C000001-1C049738), Mercury/Mariner F40/50/60 FourStroke 996cc (standard gearcase 1.83:1 ratio) and also fits the Mercury/Mariner 50hp. 2-cycle, 3 cylinder, standard gearcase (USA 0D000750-0G589999, BEL 9683055-9973099), and 55/60hp. 2-cycle, 3 cylinder, standard gearcase (USA 0D000750 and above, BEL 9683055 and above).

TRIM TAB



97- **31640T 6**

Magnesium - For freshwater use only. Do not use in Saltwater applications.
Fits most Mercury/Mariner outboards 35 hp. & above and all MerCruiser except Bravo. Check for adequate propeller clearance prior to operation.

97- **31640Q 4**

Aluminum
Fits most Mercury/Mariner outboards 30 hp through 200 hp and all MerCruiser except Bravo. Check for adequate propeller clearance prior to operation.
Quicksilver Branded, Clamshell Package Point of Sale Packaged.

97- **31640T 6**

Magnesium - For freshwater use only. Do not use in Saltwater applications.
Fits most Mercury/Mariner outboards 35 hp. & above and all MerCruiser except Bravo. Check for adequate propeller clearance prior to operation.

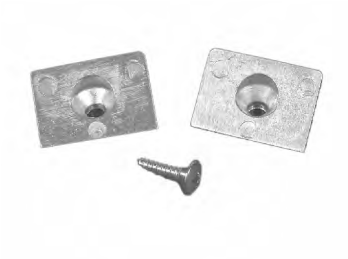
TRIM TAB



31640T07

EDP - Black, this painted tab will not perform an anodic function.
Fits most Mercury/Mariner outboards 35 hp. & above and all MerCruiser except Bravo. Check for adequate propeller clearance prior to operation.

ANODE KIT



97- **42121Q02**

Aluminum, located under the cavitation plate on the following products.

Force Standard Gearcase Models:
9.9/15 hp. 2-cycle MY1998

Mercury/Mariner Standard Gearcase Models:
6/8/9.9 hp. 2-cycle MY1986 & newer
F8/9.9 hp. FourStroke MY1995-2004
F13.5 hp. FourStroke MY2001 & newer
F15 hp. FourStroke MY1998-2006
XR10
10 Marathon
10 Seapro
10 Viking

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

PLATE ASSY



97- **47820A 1**

Zinc

ANODIC PLATE



97- **76214T 5**

Aluminum
Provides additional clearance for high rake propellers.

Fits Mercury/Mariner 35-300hp, Force 90 & 120hp 1995 and newer, MerCruiser Alpha One Gen II and Bravo I, II, III, X XR & XZ drives.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

97- **76214Q 5**

Aluminum
Provides additional clearance for high rake propellers.

Fits Mercury/Mariner 35-300hp, Force 90 & 120hp 1995 and newer, MerCruiser Alpha One Gen II and Bravo I, II, III, X XR & XZ drives.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

97- **76214A 6**

Magnesium - For freshwater use only. Do not use in saltwater applications.

Fits Mercury/Mariner 35-300 HP, Force 90 & 120 HP 1995 and newer, MerCruiser Alpha One Generation II and Bravo I, II and III drives.

ANODIC PLATE



97- **76214T 1**

Aluminum

ANODIC PLATE



76214T 3

Zinc

TRIM TAB



82795T

Zinc

Fits early Mariner models 20C (6A9), 25C (695), 28 (664), 30A (689).

TRIM TAB



83859T

Zinc

Fits early Mariner outboards 40B (676), 40C (6E9), 48 (670), W-48 (670), 55 (663), and 60 (675).

TRIM TAB



94286T 1

Aluminum

Fits the Mercury/Mariner 18/25hp. 2-cycle outboards that use the top inserted screw.

TRIM TAB ANODE



97- **98432T 6**

Zinc

Fits Mercury/Mariner 9.9/15hp (323cc) FourStroke Bigfoot, Force 25 hp (0E090400-0E344999) and various Mercury/Mariner 2-cycle outboard models (15 hp SeaPro thru 25 hp).

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

TRIM TAB



822157T 2

Zinc

Fits the F25 FourStroke (Carb models), F30 FourStroke (0G760300-1B226999, 0P094500-0P400999), F40 FourStroke 3-cylinder (0G760300-1B344398, 0P094500 and above), F40/45/50 FourStroke (935cc, standard gearcase).

TRIM TAB ANODE



97-**822777T 1**

Aluminum

For applications where extra clearance is required for high rake propellers.

Fits most Mercury/Mariner 35 hp and above, Force 90/120 (1995 and newer), and all Mercury MerCruiser engines.

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

97-**822777A 2**

Magnesium - For freshwater use only. Do not use in saltwater applications.

Fits most Mercury/Mariner 35 hp and above, Force 90/120 (1995 and newer), and all Mercury MerCruiser engines.

ANODE



97-**823913Q**

Aluminum

Fits Mercury/Mariner 2.5/3/3.3 hp 2-cycle outboards (1990 and newer), F2.5/3.5 hp. FourStroke (MY 2006 and newer), and 6-40 hp 2-cycle outboards of Japanese origin (serial number 0N000001 & above).

Priced individually, sold @ multiples of 2

TRIM TAB



8M0091534

EDP painted, this tab does not provide anodic protection.

Assists with mechanical steering torgue on standard gearcase models of the F75-115 FourStroke, s/n 2B094996 and above.

ANTI VENT PLATE



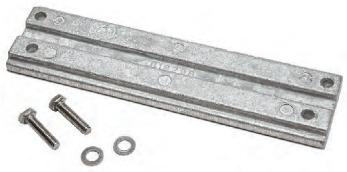
97-**8M0137814**

Aluminum

Fits: 175-300HP V6 (3.4L) and V8 (4.6L) FourStroke outboards, 5.7L V10 350hp and 400hp Verado Outboards

ANODES - TRANSOM BRACKET/POWER TRIM

POWER TRIM ANODE



97-**818298T 1**

Aluminum
Located on the bottom of the external power trim pump assembly.

Fits Mercury/Mariner 30/40 FourStroke, 40 (4 cylinder), 50 (3 cylinder 1987-1997), 55 (3 cylinder), 60-90 (3 cylinder 1987 & newer), 75 (4 cylinder), 75/90 FourStroke, 100-125 (4cyl), 115 (6 cylinder 1984-1988), and all V-6 and OptiMax outboard engines. "NEW" V6 (3.4L) & V8 (4.6L) *excluding Verado and Verado Seapro FourStroke outboards.

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

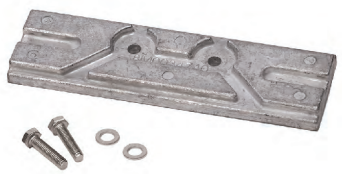
97-**818298Q 1**

Aluminum
Located on the bottom of the external power trim pump assembly.

Fits Mercury/Mariner 30/40 FourStroke, 40 (4 cylinder), 50 (3 cylinder 1987-1997), 55 (3 cylinder), 60-90 (3 cylinder 1987 & newer), 75 (4 cylinder), 75/90 FourStroke, 100-125 (4cyl), 115 (6 cylinder 1984-1988), and all V-6 and OptiMax outboard engines. "NEW" V6 (3.4L) & V8 (4.6L) *excluding Verado and Verado Seapro FourStroke outboards.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

POWER TRIM ANODE



97-**8M0057772**

Aluminum. Located on the bottom of the external power trim assembly.

Fits the 150 Hp. EFI FourStroke outboard, 1B905505 and above.

POWER TRIM ANODE



97-**818298T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located on the bottom of the external power trim pump assembly.

Fits Mercury/Mariner 30/40 FourStroke, 40 (4 cylinder), 50 (3 cylinder 1987-1997), 55 (3 cylinder), 60-90 (3 cylinder 1987 & newer), 75 (4 cylinder), 75/90 FourStroke, 100-125 (4cyl), 115 (6 cylinder 1984-1988), and all V-6 and OptiMax outboard engines.

ANODE



97-**823912**

Aluminum, Round style.

Fits Mercury/Mariner 4/5 hp. 2-cycle (MY1987 & newer), F4/5/6 hp. FourStroke (MY1999 & newer), F8/9.9 hp. FourStroke (MY2005 & newer), 15 hp. 2-cycle Seapro (MY2005 & newer), F25/30 EFI FourStroke (MY2006 & newer).

ANODE KIT



97-**825271 1**

Aluminum

Fits the Mercury/Mariner 25hp Carbureted FourStroke outboard Model Years 1998-2006, and also fits the Mercury/Mariner 40/50hp 3 cylinder, 2-cycle outboard (USA 0G590000 & above, BEL 9973100 & above).

PLATE ASSEMBLY-TRANSOM BRACKET



89949A 1

Aluminum

Transom bracket anode that fits Mercury/Mariner V-6 outboards, V-150/150XR-2 (USA 6616990 and below), V-175 (USA 6618750 and below), V-200 (USA 6055032 and below), V-250/275 Carb (0C101891 and above), and the V-3.4 Litre.

ANODE



97-**8M0001734**

Aluminum

Fits Mercury/Mariner 350HP SCI L6 Verado (1B716557 and Up) and 350/400HP L6 Verado (2B141617 and Up).

POWER TRIM ANODE



97-880653

Aluminum, Power Trim

Fits: L6 Verado (200hp to 350hp). "NEW" V8 (4.6L) Verado and Verado SeaPro FourStroke outboards.

ANODES - SIDE MOUNTED/POCKET

ANODE



97-819232

Aluminum, side mounted anode.

Fits Force outboards, 1991 (90E, 90H, 120H), 1992 (90A, 90C, 120A, 120C), and 1992-1994 (90/120/150 0E000001-0E093699).

ANODE



97-823912

Aluminum, Round style.

Fits Mercury/Mariner 4/5 hp. 2-cycle (MY1987 & newer), F4/5/6 hp. FourStroke (MY1999 & newer), F8/9.9 hp. FourStroke (MY2005 & newer), 15 hp. 2-cycle Seapro (MY2005 & newer), F25/30 EFI FourStroke (MY2006 & newer).

SIDE POCKET ANODE



97-826134T

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

Fits Mercury/Mariner 30-300hp outboards and also fits Force 90 & 120hp 1995 and newer outboards.

Priced individually, sold @ multiples of 3

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

97-826134Q

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

Fits Mercury/Mariner 30-300hp outboards and also fits Force 90 & 120hp 1995 and newer outboards.

Priced individually, sold @ multiples of 3

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

97-826134T 3

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located in side pockets on the gearhousing just above the cavitation plate.

Fits Mercury/Mariner 35-300hp outboards and Force 90 & 120hp 1995 and newer outboards

ANODES - PROP NUT/SPOOL

REPLACEMENT PROP NUT ANODE



97-809662T

2 in. Aluminum Anode Shell
Replacement Shell for 809662A 1

PROP NUT ANODE KIT



809664A 1

1-1/8 in. Shaft, 3/4 in. NF 16

Fits Mercury/Mariner 70 hp and higher outboards (except 225 EFI FourStroke); Also fits MC-I, R, MR, Alpha, Bravo One & TRS sterndrives (1970 & newer)

ANODES - MERCURY THRUSTER

ANODE



97-**M879341T**
Aluminum

ANODE APPLICATION CHARTS

Mercury/Mariner FourStroke Outboard Anodes

Model	Model Notes		Serial # Range	Anodic Trim Tab/ Plate	Mat.	Anodic P/T Plate	Mat.	Side Mounted Anodes	Mat.
4 FourStroke	With round Anode	JPN	0R000001 and up	N/A		N/A		97-823912	Alum.
		BEL	0P073456 and up						
4 FourStroke	With square Anode	JPN	0R000001 and up	N/A		N/A		97-875208	Alum.
		BEL	0P073456 and up						
5 FourStroke	With round Anode	JPN	0R000001 and up	N/A		N/A		97-823912	Alum.
		BEL	0P073456 and up						
5 FourStroke	With square Anode	JPN	0R000001 and up	N/A		N/A		97-875208	Alum.
		BEL	0P073456 and up						
6 FourStroke	With round Anode	JPN	0R000001 and up	N/A		N/A		97-823912	Alum.
		BEL	0P073456 and up						
6 FourStroke	With square Anode	JPN	0R000001 and up	N/A		N/A		97-875208	Alum.
		BEL	0P073456 and up						
8 FourStroke	Standard Gearcase	JPN	0R042475 and up	853762T01	Zinc	N/A		N/A	
		BEL	0P325500 and up						
8 FourStroke	Bigfoot Gearcase	JPN	0R042475 and up	853762T01	Zinc	97-875208		N/A	
		BEL	0P325500 and up						
8 FourStroke	Bodensee	USA	0G760300 - 0T178499	97- 42121Q02	Alum.	N/A		N/A	
8 FourStroke	Bodensee	BEL	0P086824 - 0P325499	97- 98432T 6	Zinc	N/A		N/A	
9.9 FourStroke	Standard Gearcase	USA	0G760300 - 0T979999	97- 42121Q02	Alum.	N/A		N/A	
9.9 FourStroke	Standard Gearcase	BEL	0P075166 - 0P325499	853762T01	Zinc	97-875208			
9.9 FourStroke	Standard Gearcase	JPN	0R042475 and up	853762T01	Zinc	N/A		N/A	
		BEL	0P325500 and up						
9.9 FourStroke	Bigfoot Gearcase	USA	0H000058 - 0H016909	97- 98432T 6	Zinc	N/A		N/A	
		USA	0G760300 - 1B226999						
		BEL	0P075166 - 0P400999						
9.9 FourStroke	Bigfoot Gearcase	JPN	0R042475 and up	853762T01	Zinc	97-875208		N/A	
		BEL	0P325500 and up						
15 FourStroke	Standard Gearcase, 323cc	USA	0G590000 - 1B727495	97- 42121Q02	Alum.	N/A		N/A	
		BEL	9973100 and up						
15 FourStroke	Bigfoot Gearcase, 323cc	USA	0G590000 - 1B727495	97- 98432T 6	Zinc	N/A		N/A	
		BEL	9973100 and up						
15 FourStroke	Sea Pro	JPN	0R051685 - 0R833819	97-803731	Zinc	97-823913Q		N/A	
15 FourStroke	351cc.	JPN	0R235949 - 0R833819	853762T01		97-875208		N/A	
20 FourStroke	351cc.	JPN	0R235168 - 0R833819	853762T01		97-875208		N/A	
25 FourStroke	Carb	USA	0G590000 - 1B344298	822157T 2	Zinc	97-825271 1	Alum.	N/A	
		BEL	9973100 - 0P388282						

OUTBOARD

Model	Model Notes		Serial # Range	Anodic Trim Tab/ Plate	Mat.	Anodic P/T Plate	Mat.	Side Mounted Anodes	Mat.
25 FourStroke	EFI, Manual Trim	JPN	0R106999 and up	853762	Zinc	97-804043		N/A	
25 FourStroke	EFI, PowerTrim	JPN	0R106999 and up	853762	Zinc	97-823912002	Alum.	N/A	
25 FourStroke	Sea Pro	JPN	0R051710 and up	853762	Zinc	97-804043		N/A	
30 FourStroke	3 cylinder	USA	0G760300 - 1B226999	822157T 2	Zinc	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	0P094500 - 0P400999						
30 FourStroke	EFI	USA	0T409000 - 1B226999	822157T 2	Zinc	97-818298T 1	Alum.		
		BEL	0P153500 - 0P400999						
30 FourStroke	EFI, Manual Trim	JPN	0R106999 and up	822157T 2	Zinc	97-804043			
30 FourStroke	EFI, PowerTrim	JPN	0R106999 and up	822157T 2	Zinc	97-823912002	Alum.		
40 FourStroke	3 cylinder, Carb	USA	0G760300 - 1B226999	822157T 2	Zinc	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	0P094500 - 09400999						
40 FourStroke	3 cylinder, EFI	USA	0T409000 - 1B344398	822157T 2	Zinc	97-818298T 1	Alum.	N/A	
		BEL	0P153500 and up						
40 FourStroke	3 cylinder, EFI, LongShaft	CHN	1C000001 - 1C049738	17264T 2	Alum.	97-818298T 1	Alum.	N/A	
40 FourStroke	3 cylinder, EFI, ShortShaft	CHN	1C000001 - 1C049738	822157T 2	Zinc	97-818298T 1	Alum.	N/A	
40/45 FourStroke	4 cylinder	USA	0G231123 - 0T178499	822157T 2	Zinc	97-818298T 1	Alum.	N/A	
40 FourStroke	4 cylinder, Carb	USA	0T228405 - 0T598999	822157T 2	Zinc	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	0P094500 - 0P206999						
40 FourStroke	4 cylinder, EFI	USA	0T409000 and up	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	0P207000 and up						
		CHN	0C000001 and up						
45 FourStroke	BigFoot-Bodensee	USA	0G231123 - 0T178499	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	0P017000 and up						
45 FourStroke	Bodensee	USA	0G231123 - 0T178499	822157T 2	Zinc	97-825271 1	Alum.	N/A	
		BEL	0P017000 and up						
50 FourStroke	Standard Gearcase	USA	0G231123 - 0G760299	822157T 2	Zinc	97-825271 1	Alum.	N/A	Alum.
50 FourStroke	Standard Gearcase	USA	0G760300 - 0T178499	822157T 2	Zinc	97-818298T 1	Alum.	N/A	
50 FourStroke	Standard Gearcase	USA	0T178500 - 0T598999	17264T 2	Alum.	97-818298T 1	Alum.	N/A	
		BEL	9944807 - 0P016999	822157T 2	Zinc	825271 1	Alum.	N/A	
50 FourStroke		BEL	0P017000 - 0P094499	822157T 2	Zinc	97-818298T 1	Alum.	N/A	
50 FourStroke	Standard Gearcase	BEL	0P094500 - 0P206999	17264T 2	Alum.	97-818298T 1	Alum.	N/A	
50 FourStroke	Bigfoot Gearcase	USA	0G231123 - 0T598999	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	9944807 - 0P206999						
50 FourStroke	EFI	USA	0T409000 - 1B344306	17264T 2	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
	EFI	BEL	0P153500 and up	17264T 2	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
	EFI	CHN	1C000001 and up	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
60 FourStroke	Carb	USA	0T178500 - 0T598999	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	0P094500 - 0P206999						
60 FourStroke	EFI	USA	0T409000 - 1B344306	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	0P207000 and up						
		CHN	1C000001 and up						
75 FourStroke	Carb	USA	0G960500 - 1B226999	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
75 FourStroke	EFI, 1596 cc	USA	1B172291 - 1B366822	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
75 FourStroke	EFI, 1731 cc	USA	1B366823 - 2B094995	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
75/80 FourStroke	EFI, 2.1L Standard Gearcase	USA	2B094996 and up	8M0091534	EDP	97-818298T 1	Alum.	97-826134T	Alum.
	EFI, 2.1L Command Thrust	USA		97- 76214T 5	Alum.	97-818298T 1	Alum.	97-826134T	Alum
80 FourStroke	EFI, 1596 cc	USA	1B227000 - 1B366822	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
80 FourStroke	EFI, 1731 cc	USA	1B366823 - 2B094995	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
90 FourStroke	Carb	USA	0G960500 - 1B226999	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
90 FourStroke	EFI, 1596 cc	USA	1B172291 - 1B366822	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
90 FourStroke	EFI, 1731 cc	USA	1B366823 - 2B094955	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
90/100 FourStroke	EFI, 2.1L Standard Gearcase	USA	2B094996 and up	8M0091534	EDP	97-818298T 1	Alum.	97-826134T	Alum.
	EFI, 2.1L Comman Thrust	USA		97- 76214T 5	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
100 FourStroke	EFI, 1741 cc	USA	1B172291 - 1B366822	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
100 FourStroke	EFI, 1731 cc	USA	1B366823 - 2B094995	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.

Model	Model Notes		Serial # Range	Anodic Trim Tab/ Plate	Mat.	Anodic P/T Plate	Mat.	Side Mounted Anodes	Mat.
115 FourStroke	EFI	USA	0T178500 - 2B094995	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
115 FourStroke	EFI, 2.1L Standard Gearcase	USA	2B094996 and up	8M0091534	EDP	97-818298T 1	Alum.	97-826134T	Alum.
	EFI, 2.1L Command Thrust	USA		97- 76214T 5	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
135 FourStroke	Verado	USA	1B227000 and up	97- 76214T 5	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
150 FourStroke	EFI	USA		97- 76214T 5	Alum.	97-8M0057772	Alum.	97-826134T	Alum.
150 FourStroke	Verado	USA	1B227000 and up	97- 76214T 5	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
175 FourStroke	Verado	USA	1B227000 and up	97- 76214T 5	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
200 FourStroke	Verado	USA	1B517159 and up	97- 76214T 5	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
200 FourStroke	Verado (6 cyl.)	USA	0T980000 and up	97- 76214T 5	Alum.	97-880653		97-826134T	Alum.
						97-893404(1)			
225 FourStroke	EFI	USA	0T653945 and up	888712		97-888606			
225 FourStroke	Verado	USA	0T980000 and up	97- 76214T 5	Alum.	97-880653		97-826134T	Alum.
						97-893404(1)			
250 FourStroke	Verado	USA	0T980000 and up	97- 76214T 5	Alum.	97-880653		97-826134T	Alum.
						97-893404(1)			
275 FourStroke	Verado	USA	0T980000 and up	97- 76214T 5	Alum.	97-880653		97-826134T	Alum.
						97-893404(1)			
300 FourStroke	Verado	USA	1B517434 and up	97- 76214T 5	Alum.	97-880653		97-826134T	Alum.
						97-893404(1)			
350 FourStroke	Verado	USA	2B141617 and up	97- 76214T 5	Alum.	97-8M0012083		97-826134T	Alum.
						97-893404(1)			
						97-8M0001734			
175-225 FourStroke	V6 (3.4L)	USA	2B529482 and up	97-8M0137814	Alum.	97-818298T 1			
225-300 FourStroke	V8 (4.6L) *Excludes Verado	USA	2B529482 and up	97-8M0137814	Alum.	97-818298T 1			
250-300 FourStroke	V8 (4.6L) Verado and Verado SeaPro	USA	2B529482 and up	97-8M0137814	Alum.	97-893404(1)			
						97-880653			

(1) 4 pcs required

Mercury/Mariner 2-Cycle Outboard Anodes

Model	Model Notes		Serial # Range	Anodic Trim Tab/ Plate	Mat.	Anodic P/T Plate	Mat.	Side Mounted Anodes	Mat.
2		USA	0T884302 and up	97-823913Q	Alum.	N/A		N/A	
2.2M		USA	8075603 and up	97-823913Q	Alum.	N/A		N/A	
2.5		USA	0A856377 and up	97-823913Q	Alum.	N/A		N/A	
		BEL	0P017000 and up						
3		USA	0A856377 - 0G710612	97-823913Q	Alum.	N/A		N/A	
3.3		USA	0D901657 and up	97-823913Q	Alum.	N/A		N/A	
		BEL	0P017000 and up						
4	1 cylinder	USA	0A809601 - 0G710612	N/A		N/A		97-823912	Alum.
		BEL	9477830 - 0P016999						
4	With round Anode	USA	0G710613 and up	N/A		N/A		97-823912	Alum.
		BEL	0P017000 and up						
4	With square Anode	USA	0G710613 and up	N/A		N/A		97-875208	
		BEL	0P017000 and up						
5	1 cylinder	USA	0A809601 - 0G710612	N/A		N/A		97-823912	Alum.
		BEL	9477830 - 0P016999						
5	With round Anode	USA	0G710613 and up	N/A		N/A		97-823912	Alum.
		BEL	0P017000 and up						
5	With square Anode	USA	0G710613 and up	N/A		N/A		97-875208	
		BEL	0P017000 and up						
6	1 cylinder	USA	0A197112 - 0T800749	97- 42121Q02	Alum.	N/A		N/A	
		BEL	9461526 and up						
7.5 (75)		USA	5206550 and up	N.L.A.	Zinc	N/A		N/A	
		AUS	8057545 and up						

Model	Model Notes		Serial # Range	Anodic Trim Tab/ Plate	Mat.	Anodic P/T Plate	Mat.	Side Mounted Anodes	Mat.
		BEL	9217756 and up						
		CAN	7125388 and up						
8		USA	0A197112 and up	97- 42121Q02	Alum.	N/A		N/A	
		BEL	9461526 and up						
9.8		USA	5206550 and up	N.L.A.	Zinc	N/A		N/A	
		AUS	8057545 and up						
		BEL	9217756 and up						
		CAN	7125388 and up						
9.9		USA	0A197112 and up	97- 42121Q02	Alum.	N/A		N/A	
		BEL	9792200 - 0P325499						
10	XR10/Sea Pro	USA	0D038000 and up	97- 42121Q02	Alum.	N/A		N/A	
		BEL	9596000 and up						
15		USA	0A197112 and up	97- 42121Q02	Alum.	N/A		N/A	
		BEL	9542620 and up						
15		USA	0A197112 and up	97- 98432T 6	Zinc	N/A		N/A	
		BEL	9542620 and up						
15	Sea Pro/Marathon	USA	0G044365 and up	97- 42121Q02	Alum.	N/A		N/A	
		BEL	9927000 and up						
15	Sea Pro/Marathon	USA	0G044365 and up	97- 98432T 6	Zinc	N/A		N/A	
		BEL	9927000 and up						
15	Sea Pro XD	BEL	9927000 - 0P325499	97- 98432T 6	Zinc	N/A		N/A	
18		USA	5837437 - 6416712	94286T 1	Alum.	N/A		N/A	
		AUS	8071973 and up						
		BEL	9308306 - 9378115						
		CAN	7173723 - 7207857						
18		USA	5837437 - 6416712	97- 98432T 6	Zinc	N/A		N/A	
		AUS	8071973 and up						
		BEL	9308306 - 9378115						
		CAN	7173723 - 7207857						
18	Top inserted screw	USA	6416713 - 6443972	94286T 1	Alum.	N/A		N/A	
		BEL	9378116 - 9415100						
		CAN	7207858 - 7209532						
18	Bottom inserted screw	USA	6416713 - 6443972	97- 98432T 6	Zinc	N/A		N/A	
		BEL	9378116 - 9415100						
		CAN	7207858 - 7209532						
18XD		USA	6443973 - 0B238463	97- 98432T 6	Zinc	N/A		N/A	
		BEL	9378151 - 9507380						
		CAN	7209533 - 0A730006						
20XD		USA	6443973 - 0B238463	97- 98432T 6	Zinc	N/A		N/A	
		BEL	9415101 - 9507380						
		CAN	7209523 - 0A730006						
20	2 cylinder	USA	0B238464 - 0T979999	97- 98432T 6	Zinc	N/A		N/A	
		BEL	9507381 and up						
		CAN	0A730007 and up						
25		USA	5705532 - 6416712	94286T 1	Alum.	N/A		N/A	
		AUS	8073258 and up						
		BEL	9315316 - 9378115						
		CAN	7166928 - 7207857						
25	Bottom inserted screw	USA	6416713 - 6443972	97- 98432T 6	Zinc	N/A		N/A	
		CAN	7207858 - 7209532						
		BEL	9378116 - 9415100						
25	Top inserted screw	USA	6416713 - 6443972	94286T 1	Alum.	N/A		N/A	
		CAN	7207858 - 7209532						
		BEL	9378116 - 9415100						

Model	Model Notes		Serial # Range	Anodic Trim Tab/ Plate	Mat.	Anodic P/T Plate	Mat.	Side Mounted Anodes	Mat.
25XD		USA	6443973 - 0B238463	97- 98432T 6	Zinc	N/A		N/A	
		BEL	9415101 - 9507380						
		CAN	7209533 - 0A730006						
25	Standard & Sea Pro	USA	0B238464 and up	97- 98432T 6	Zinc	N/A		N/A	
		BEL	9507381 and up						
		CAN	0A730007 and up						
30	2 cylinder	USA	0G053314 - 0T598999	822157T 2	Zinc	97-825271 1	Alum.	N/A	
30		BEL	9854537 - 0P206999						
35	2 cylinder	USA	6445653 and up	97- 31640T 4	Alum.	N/A		N/A	
		CAN	209608 and up						
		BEL	9384476 and up						
35	2 cylinder	USA	6445653 and up	97- 31640T 6	Magn.	N/A		N/A	
		CAN	209608 and up						
		BEL	9384476 and up						
40	2 cylinder	USA	2874704 - 0G053313	97- 31640T 4	Alum.	97-825271 1	Alum.	N/A	
		AUS	8002335 and up						
		BEL	3339688 - 0P016999						
		CAN	3340783 and up						
40	2 cylinder	USA	2874704 - 0G053313	97- 31640T 6	Magn.	97-818298T 3	Magn.	N/A	
		AUS	8002335 and up						
		BEL	3339688 - 0P016999						
		CAN	3340783 and up						
40	2 cylinder	USA	0G053314 and up	822157T 2	Zinc	N/A	Zinc	N/A	
		BEL	0P017000 and up						
40	3 cylinder	USA	0G590000 - 0T999999	822157T 2	Zinc	97-825271 1	Alum.	N/A	
		BEL	9973100 and up						
40	4 cylinder	USA	0C159200 and up	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
		BEL	9570790 and up						
40	4 cylinder	USA	0C159200 and up	97- 31640T 6	Magn.	97-818298T 3	Magn.	N/A	
		BEL	9570790 and up						
45	4 cylinder	USA	5531630 and up	97- 31640T 4	Alum.	N/A		N/A	
		AUS	8063985 and up						
		BEL	9248006 and up						
		CAN	7143688 and up						
45	4 cylinder	USA	5531630 and up	97- 31640T 6	Magn.	N/A		N/A	
		AUS	8063985 and up						
		BEL	9248006 and up						
		CAN	7143688 and up						
50	4 cylinder	USA	4357640 and up	97- 31640T 4	Alum.	N/A		N/A	
		AUS	8030090 and up						
		BEL	9107214 and up						
		CAN	7068998 and up						
50	4 cylinder	USA	4357640 and up	97- 31640T 6	Magn.	N/A		N/A	
		AUS	8030090 and up						
		BEL	9107214 and up						
		CAN	7068998 and up						
50	3 cylinder	USA	6428681 - 0B122929	97- 31640T 4	Alum.	N/A		N/A	
		BEL	9385911 - 9469199						
		CAN	7208333 - 0A7211307						
50	3 cylinder	USA	0B122930 - 0D000749	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
		BEL	9469200 - 9683054						
		CAN	0A721308 and up						
50	3 cylinder	USA	0D000750 - 0G589999	17264T 2	Zinc	97-818298T 1	Alum.	N/A	
		BEL	9683055 - 9973099						
50	3 cylinder, BigFoot	USA	0D000750 - 0G589999	97- 31640T 4	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	9683055 - 9973099						

OUTBOARD

Model	Model Notes		Serial # Range	Anodic Trim Tab/ Plate	Mat.	Anodic P/T Plate	Mat.	Side Mounted Anodes	Mat.
50	3 cylinder	USA	0G590000 and up	822157T 2	Zinc	97-825271 1	Alum.	N/A	
		BEL	9973100 and up						
55	3 cylinder (1.64:1 ratio)	USA	0D000750 and up	17264T 2	Zinc	97-818298T 1	Alum.	N/A	
		BEL	9741042 and up						
60	3 cylinder	USA	6428681 - 0B122929	97- 31640T 4	Alum.	N/A		N/A	
		BEL	9385911 - 9469199						
		CAN	7208333 - 0A7211307						
60	3 cylinder	USA	0B122930 - 0D000749	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
		BEL	9469200 - 9683054						
		CAN	0A721308 and up						
60	3 cylinder	USA	0D000750 and up	17264T 2	Zinc	97-818298T 1	Alum.	N/A	
		BEL	9683055 and up						
60	3 cylinder, BigFoot	USA	0D000750 - 0G760299	97- 31640T 4	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	9683055 - 0P016999						
60	3 cylinder, BigFoot	USA	0G760300 and up	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	0P017000 and up						
65 (650)	4 cylinder	USA	1542745 - 3293183	97- 31640T 4	Alum.	N/A		N/A	
65 (650)		USA	1542745 - 3293183	97- 31640T 6	Magn.				
65 (650)	3 cylinder	USA	3293184 - 4571651	97- 31640T 4	Alum.	N/A		N/A	
		AUS	8006640 - 8042349						
		BEL	9020074 - 9135824						
		CAN	7013633 - 7087822						
65 (650)	3 cylinder	USA	3293184 - 4571651	97- 31640T 6	Magn.	N/A		N/A	
		AUS	8006640 - 8042349						
		BEL	9020074 - 9135824						
		CAN	7013633 - 7087822						
70	3 cylinder	USA	4571652 - 0A996141	97- 31640T 4	Alum.	N/A		N/A	
		AUS	8042350 and up						
		BEL	9135825 - 9385910						
		CAN	7087823 - 7208332						
70	3 cylinder	USA	4571652 - 0A996141	97- 31640T 6	Magn.	N/A		N/A	
		AUS	8042350 and up						
		BEL	9135825 - 9385910						
		CAN	7087823 - 7208332						
70	3 cylinder	USA	0A996142 - 0C221999	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
		BEL	9506481 and up						
75	4 cylinder	USA	6432901 and up	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
	4 cylinder	BEL	9393856 and up						
	4 cylinder	CAN	7208573 and up						
75	4 cylinder	USA	6432901 and up	97- 31640T 6	Magn.	97-818298T 3	Magn.	N/A	
		BEL	9393856 and up						
		CAN	7208573 and up						
75	3 cylinder	USA	0A996142 - 0T979999	97- 31640T 4	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	9483121 - 9793576						
75	3 cylinder	USA	0A996142 - 0T979999	97- 31640T 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
		BEL	9483121 - 9793576						
75	3 cylinder	USA	0T980000 and up	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	9793577 and up						
75	3 cylinder	USA	0T980000 and up	97- 31640T 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
		BEL	9793577 and up						
75	3 cylinder, Optimax 1.5L	USA	0T980000 and up	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
75	3 cylinder, Optimax 1.5L	USA	0T980000 and up	97- 31640T 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
80 (80, 800)	4 cylinder	USA	2559001 - 6432900	97- 31640T 4	Alum.	N/A		N/A	
80 (80, 800)	4 cylinder	USA	2559001 - 6432900	97- 31640T 6	Magn.	N/A		N/A	

Model	Model Notes		Serial # Range	Anodic Trim Tab/ Plate	Mat.	Anodic P/T Plate	Mat.	Side Mounted Anodes	Mat.
80 (80, 800)	4 cylinder	USA	4831999 - 6432900	97- 31640T 4	Alum.	N/A		N/A	
	4 cylinder	AUS	8050200 and up						
	4 cylinder	BEL	9177626 - 9393855						
	4 cylinder	CAN	7110998 - 7208572						
80 (80, 800)	4 cylinder	USA	4831999 - 6432900	97- 31640T 6	Magn.	N/A		N/A	
		AUS	8050200 and up						
		BEL	9177626 - 9393855						
		CAN	7110998 - 7208572						
80	3 cylinder	USA	0A996142 - 0C221999	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
		BEL	9483121 and up						
80	3 cylinder	USA	0A996142 - 0C221999	97- 31640T 6	Magn.	97-818298T 3	Magn.	N/A	
		BEL	9483121 and up						
85 (850)	4 cylinder	USA	3493913 - 4831998	97- 31640T 4	Alum.	N/A		N/A	
		AUS	8005440 - 8050199						
		BEL	9011604 - 9177625						
		CAN	7010108 - 7110997						
85 (850)	4 cylinder	USA	3493913 - 4831998	97- 31640T 6	Magn.	N/A		N/A	
		AUS	8005440 - 8050199						
		BEL	9011604 - 9177625						
		CAN	7010108 - 7110997						
90 (900)	6 cylinder	USA	1766824 - 1869775	97- 31640T 4	Alum.	N/A		N/A	
90 (900)		USA	1766824 - 1869775	97- 31640T 6	Magn.	N/A		N/A	
90 (90, 900)	6 cylinder	USA	4845301 - 6436122	97- 31640T 4	Alum.	N/A		N/A	
		AUS	8060545 and up						
		CAN	7111698 and up						
90 (90, 900)	6 cylinder	USA	4845301 - 6436122	97- 31640T 6	Magn.	N/A		N/A	
		AUS	8060545 and up						
		CAN	7111698 and up						
90	6 cylinder	USA	6436123 - 0A996141	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
		CAN	7208848 and up						
90	6 cylinder	USA	6436123 - 0A996141	97- 31640T 6	Magn.	97-818298T 3	Magn.	N/A	
		CAN	7208848 and up						
90	3 cylinder	USA	0A996142 - 0D283221	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
		BEL	9483121 - 9793576						
90	3 cylinder	USA	0A996142 - 0D283221	97- 31640T 6	Magn.	97-818298T 3	Magn.	N/A	
		BEL	9483121 - 9793576						
90	3 cylinder	USA	0D283222 and up	97- 31640T 4	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	9793577 and up						
90	3 cylinder	USA	0D283222 and up	97- 31640T 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
		BEL	9793577 and up						
90	3 cylinder	USA	0D283222 and up	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	9793577 and up						
90 Optimax	3 cylinder, 1.5L	USA	0T801000 and up	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
90 Optimax		USA	0T801000 and up	97- 31640T 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
95 (950)	6 cylinder	USA	1869776 - 2318585	97- 31640T 4	Alum.	N/A		N/A	
100 (1000)		USA	1768404 - 2318585	97- 31640T 4	Alum.	N/A		N/A	
100 (1000)		USA	1768404 - 2318585	97- 31640T 6	Magn.	N/A		N/A	
100 (1000SS/1000BP)		USA	2318586 - 2413843	97- 31640T 4	Alum.	N/A		N/A	
100 (1000SS/1000BP)		USA	2318586 - 2413843	97- 31640T 6	Magn.	N/A		N/A	
1000SS		USA	2484633 - 2836018	97- 31640T 4	Alum.	N/A		N/A	
1000SS		USA	2484633 - 2836018	97- 31640T 6	Magn.	N/A		N/A	
100	3 cylinder	USA	0B209468 - 0D283221	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
		BEL	9793577 - 9793576						
100	3 cylinder	USA	0B209468 - 0D283221	97- 31640T 6	Magn.	97-818298T 3	Magn.	N/A	
		BEL	9793577 - 9793576						

OUTBOARD

Model	Model Notes		Serial # Range	Anodic Trim Tab/ Plate	Mat.	Anodic P/T Plate	Mat.	Side Mounted Anodes	Mat.
100	3 cylinder	USA	0D283222 and up	97- 31640T 4	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	9793577 and up						
100	3 cylinder	USA	0D283222 and up	97- 31640T 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
		BEL	9793577 and up						
100	3 cylinder	USA	0D283222 and up	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	9793577 and up						
110 (1100)		USA	1870204 - 2314955	97- 31640T 4	Alum.	N/A		N/A	
110 (1100)		USA	1870204 - 2314955	97- 31640T 6	Magn.	N/A		N/A	
115 (115, 1150)	6 cylinder	USA	2836019 - 6435122	97- 31640T 4	Alum.	N/A		N/A	
		AUS	8008665 and up						
		CAN	7010763 and up						
115 (115, 1150)	6 cylinder	USA	2836019 - 6435122	97- 31640T 6	Magn.	N/A		N/A	
		AUS	8008665 and up						
		CAN	7010763 - 7208847						
115	6 cylinder	USA	6436123 and up	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
		CAN	7208848 and up						
115	6 cylinder	USA	6436123 and up	97- 31640T 6	Magn.	97-818298T 3	Magn.	N/A	
		CAN	7208848 and up						
115	4 cylinder	USA	0C100000 - 0D283221	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
		BEL	9559771 - 9793576						
115	4 cylinder	USA	0C100000 - 0D283221	97- 31640T 6	Magn.	97-818298T 3	Magn.	N/A	
		BEL	9559771 - 9793576						
115	3 cylinder	USA	0D283222 and up	97- 31640T 4	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	9793577 and up						
115	3 cylinder	USA	0D283222 and up	97- 31640T 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
		BEL	9793577 and up						
115	3 cylinder	USA	0D283222 and up	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	9793577 and up						
115 Optimax	3 cylinder, 1.5L	USA	0T801000 and up	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
115 Optimax		USA	0T801000 and up	97- 31640T 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
V-115	6 cylinder, DFI	USA	0G960500 - 0T178499	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
125 (1250)	6 cylinder	USA	2314956 - 3293233	97- 31640T 4	Alum.	N/A		N/A	
125 (1250)		USA	2314956 - 3293233	97- 31640T 6	Magn.	N/A		N/A	
125	3 cylinder	USA	0D283222 and up	97- 31640T 4	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	9793577 and up						
125	3 cylinder	USA	0D283222 and up	97- 31640T 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
		BEL	9793577 and up						
125	3 cylinder	USA	0D283222 and up	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
		BEL	9793577 and up						
140 (140, 1400)	6 cylinder	USA	3293234 and up	97- 31640T 4	Alum.	N/A		N/A	
		AUS	8052650 and up						
		CAN	7112773 and up						
140 (140, 1400)	6 cylinder	USA	3293234 and up	97- 31640T 6	Magn.	N/A		N/A	
		AUS	8052650 and up						
		CAN	7112773 and up						
150 (1500)	6 cylinder	USA	3502806 - 4865677	97- 31640T 4	Alum.	N/A		N/A	
		AUS	8005615 - 8052649						
		CAN	7010533 - 7112772						
150 (1500)	6 cylinder	USA	3502806 - 4865677	97- 31640T 6	Magn.	N/A		N/A	
		AUS	8005615 - 8052649						
		CAN	7010533 - 7112772						
V-135/150/175	Carb-EFI-DFI	USA	0A904646 - 0D081999	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
V-135/150/175	Carb-EFI-DFI	USA	0A904646 - 0D081999	97- 31640T 6	Magn.	97-818298T 3	Magn.	N/A	
V-135/150/XR6/175	Carb-EFI-DFI	USA	0D082000 and up	97- 31640T 4	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
V-135/150/XR6/175	Carb-EFI-DFI	USA	0D082000 and up	97- 31640T 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
V-135/150/XR6/175	Carb-EFI-DFI	USA	0D082000 and up	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.

Model	Model Notes		Serial # Range	Anodic Trim Tab/ Plate	Mat.	Anodic P/T Plate	Mat.	Side Mounted Anodes	Mat.
V-135/150/XR6/175	Carb-EFI-DFI w/ flat anode	USA	0D082000 and up	97- 76214Q 5	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
V-135/150/XR6/175	Carb-EFI-DFI w/ flat anode	USA	0D082000 and up	97- 76214A 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
V-150 XR-2		USA	4868998 - 6616990	97- 31640T 4	Alum.	89949A 1	Alum.	N/A	
V-150 XR-2		USA	4868998 - 6616990	97- 31640T 6	Magn.	89949A 1	Alum.	N/A	
V-150 XR-2		USA	6616991 - 0A904646	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
V-150 XR-2		USA	6616991 - 0A904646	97- 31640T 6	Magn.	97-818298T 3	Magn.	N/A	
V-150 XR-4	Bottom inserted screw	USA	0B242885 - 0D081999	97- 15300	Zinc	97-818298T 1	Alum.	N/A	
V-150 XR-4	Top inserted screw	USA	0B242885 - 0D081999	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
V-200	Carb	USA	5464486 - 6055032	97- 31640T 4	Alum.	89949A 1	Alum.	N/A	
V-200	Carb	USA	5464486 - 6055032	97- 31640T 6	Magn.	89949A 1	Alum.	N/A	
V-200 (2.4/2.5L)	Carb & EFI	USA	5624878 - 0D081999	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
V-200 (2.4/2.5L)	Carb & EFI	USA	5624878 - 0D081999	97- 31640T 6	Magn.	97-818298T 3	Magn.	N/A	
V-200 (2.4/2.5L)	Carb & EFI	USA	0D082000 and up	97- 31640T 4	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
V-200 (2.4/2.5L)	Carb & EFI	USA	0D082000 and up	97- 31640T 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
V-200 (2.4/2.5L)	Carb & EFI	USA	0D082000 and up	31640T07	EDP	97-818298T 1	Alum.	97-826134T	Alum.
V-200 (2.4/2.5L)	Carb-EFI w/ flat anode	USA	0D082000 and up	97- 76214Q 5	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
V-200 (2.4/2.5L)	Carb-EFI w/ flat anode	USA	0D082000 and up	97- 76214A 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
V-200 (3.0L)	EFI-DFI-DTS w/ flate anode	USA	0G386496 and up	97- 76214Q 5	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
V-200 (3.0L)	EFI-DFI-DTS w/ flate anode	USA	0G386496 and up	97- 76214A 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
V-220 Laser		USA	0B117316 and up	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
V-220 Laser		USA	0B117316 and up	97- 31640T 6	Magn.	97-818298T 3	Magn.	N/A	
V-225 (2.4L)		USA	5628028 - 6073191	97- 31640T 4	Alum.	97-818298T 1	Alum.	N/A	
V-225 (2.4L)		USA	5628028 - 6073191	97- 31640T 6	Magn.	97-818298T 3	Magn.	N/A	
V-225 (3.0L)	Carb, C-2 Casting w/ trim tab	USA	0D280813 - 0G437999	97-822777Q 1	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
V-225 (3.0L)	Carb, C-2 Casting w/ trim tab	USA	0D280813 - 0G437999	N.L.A.	EDP	97-818298T 3	Magn.	97-826134T 3	Magn.
V-225 (3.0L)	Carb, C-2 Casting w/ flat anode	USA	0D280813 - 0G437999	97- 76214Q 5	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
V-225 (3.0L)	Carb, C-2 Casting w/ flat anode	USA	0D280813 - 0G437999	97- 76214A 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
V-225 (3.0L)	Carb, C-3 Casting w/ flat anode	USA	0G438000 and up	97- 76214Q 5	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
V-225 (3.0L)	Carb, C-3 Casting w/ flat anode	USA	0G438000 and up	97- 76214A 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
V-225/250 (3.0L)	EFI-DFI-DTS w/ flat anode	USA	0G129222 and up	97- 76214Q 5	Alum.	97-818298T 1	Alum.	97-826134T	Alum.
V-225/250 (3.0L)	EFI-DFI-DTS w/ flat anode	USA	0G129222 and up	97- 76214A 6	Magn.	97-818298T 3	Magn.	97-826134T 3	Magn.
V-250/275	Carb	USA	0C101891 and up	NLA	EDP	89949A 1	Alum.	N/A	
V-3.4 Litre		USA	5611648 and up	N.L.A.		89949A 1	Alum.	N/A	

ACCENT PANELS

REDLINE RED ACCENT PANEL - V8 4.6L



100-**8M0142205**

Color trim kit includes 4 painted panels, adhesive, Mercury word-mark decal, and installation instructions. In addition to kit, a HP decal and M-icon must be purchased separately (if applicable)

4.6L V8 FourStroke Outboards

PACIFIC BLUE ACCENT PANELS - 4.6L V8

100-**8M0142206**

Color trim kit includes 4 painted panels, adhesive, Mercury word-mark decal, and installation instructions. In addition to kit, a HP decal and M-icon must be purchased separately (if applicable)

4.6L V8 FourSroke Outboards

MERCURY SILVER ACCENT PANEL - 4.6L V8

100-**8M0142207**

Color trim kit includes 4 painted panels, adhesive, Mercury word-mark decal, and installation instructions. In addition to kit, a HP decal and M-icon must be purchased separately (if applicable)

4.6L V8 FourStroke Outboards

GRAPHITE GREY ACCENT PANELS - V8 4.6L

100-**8M0142208**

Color trim kit includes 4 painted panels, adhesive, Mercury word-mark decal, and installation instructions. In addition to kit, a HP decal and M-icon must be purchased separately (if applicable)

4.6L V8 FourStroke Outboards

PRO BLACK (MATTE FINISH) ACCENT PANEL - 4.6L V8

100-**8M0142209**

Color trim kit includes 4 painted panels, adhesive, Mercury word-mark decal, and installation instructions. In addition to kit, a HP decal and M-icon must be purchased separately (if applicable).

4.6L V8 FourStroke Outboards

READY-FOR-PAINT ACCENT PANEL - 4.6L V8

100-**8M0142210**

Color trim kit includes 4 painted panels, adhesive, Mercury word-mark decal, and installation instructions. In addition to kit, a HP decal and M-icon must be purchased separately (if applicable). Perfect option for any customer looking to paint match a specific color.

4.6L V8 FourStroke Outboards

REDLINE RED ACCENT PANEL - 3.4L V6

100-**8M0142211**

Color trim kit includes 4 painted panels, adhesive, Mercury word-mark decal, and installation instructions. In addition to kit, a HP decal and M-icon must be purchased separately (if applicable)

Fits: 3.4L V6 FourStroke Outboards

PACIFIC BLUE ACCENT PANEL - 3.4L V6

100-**8M0142212**

Color trim kit includes 4 painted panels, adhesive, Mercury word-mark decal, and installation instructions. In addition to kit, a HP decal and M-icon must be purchased separately (if applicable)

3.4L V6 FourStroke Outboards

MERCURY SILVER ACCENT PANEL - 3.4L V6

100-**8M0142213**

Color trim kit includes 4 painted panels, adhesive, Mercury word-mark decal, and installation instructions. In addition to kit, a HP decal and M-icon must be purchased separately (if applicable)

3.4L V6 FourStroke Outboards

GRAPHITE GREY ACCENT PANEL - 3.4L V6

100-**8M0142214**

Color trim kit includes 4 painted panels, adhesive, Mercury word-mark decal, and installation instructions. In addition to kit, a HP decal and M-icon must be purchased separately (if applicable)

3.4L V6 FourStroke Outboards

PRO BLACK (MATTE FINISH) ACCENT PANEL - 3.4L V6

100-**8M0142215**

Color trim kit includes 4 painted panels, adhesive, Mercury word-mark decal, and installation instructions. In addition to kit, a HP decal and M-icon must be purchased separately (if applicable)

3.4L V6 FourStroke Outboards

READY-FOR-PAINT ACCENT PANEL - 3.4L V6

100-**8M0142216**

Color trim kit includes 4 painted panels, adhesive, Mercury word-mark decal, and installation instructions. In addition to kit, a HP decal and M-icon must be purchased separately (if applicable). Perfect option for a customer looking to paint match a specific color.

3.4L V6 FourStroke Outboards

REDLINE RED ACCENT PANEL KIT

Image not Available.

94-**8M0203820**

Kit includes: Panels, 3D Mercury Lenz, V10 Decal, M-Icon, and alignment guide

For 5.7L V10 350HP and 400HP Verado Outboards

PACIFIC BLUE ACCENT PANEL KIT

Image not Available.

94-**8M0203821**

Kit includes: Panels, 3D Mercury Lenz, V10 Decal, M-Icon, and alignment guide

For 5.7L V10 350HP and 400HP Verado Outboards

MERCURY SILVER ACCENT PANEL KIT

Image not Available.

94-**8M0203822**

Kit includes: Panels, 3D Mercury Lenz, V10 Decal, M-Icon, and alignment guide

For 5.7L V10 350HP and 400HP Verado Outboards

GRAPHITE GREY ACCENT PANEL KIT

Image not Available.

94-**8M0203823**

Kit includes: Panels, 3D Mercury Lenz, V10 Decal, M-Icon, and alignment guide

For 5.7L V10 350HP and 400HP Verado Outboards

PRO BLACK ACCENT PANEL KIT

Image not Available.

94-**8M0203824**

Kit includes: Panels, 3D Mercury Lenz, V10 Decal, M-Icon, and alignment guide

For 5.7L V10 350HP and 400HP Verado Outboards

PAINT READY ACCENT PANEL KIT

Image not Available.

94-**8M0203825**

Kit includes: Panels, 3D Mercury Lenz, V10 Decal, M-Icon, and alignment guide

For 5.7L V10 350HP and 400HP Verado Outboards

350HP DECAL

Image not Available.

37-**8M0204800**

Only need to purchase HP decal separately

For 5.7L V10 350HP and 400HP Verado Outboards

400HP DECAL

Image not Available.

37-**8M0204801**

Only need to purchase HP decal separately

For 5.7L V10 350HP and 400HP Verado Outboards

350HP SEAPRO DECAL

Image not Available.

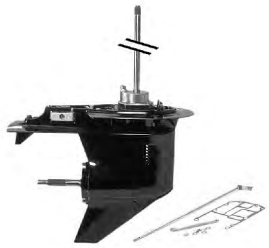
37-**8M0204802**

Only need to purchase HP decal separately

For 5.7L V10 350HP and 400HP Verado Outboards

MERCURY, MARINER 3-CYLINDER (70, 75, 80, 90 HP)

GEAR HOUSING ASSEMBLY COMPLETE



1667- **9011J16**

Black, 2.3:1 gear ratio. 20" long shaft length. 12 pinion teeth.
Includes the newer 6 jaw reverse clutch and a new powerhead gasket with upper shift shaft for correct throw

Fits Mercury 75-125 hp. 2-cycle outboards with 3 jaw reverse clutch

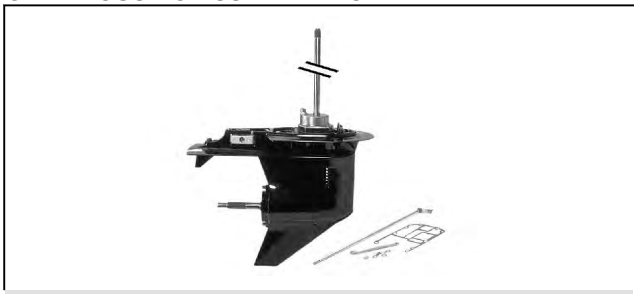
1667- **9011J15**

Black, 2.3:1 gear ratio. 20" long shaft length. 12 pinion teeth.

Fits Mercury 75-125 hp. 2-cycle outboards with 6 jaw reverse clutch

MERCURY MARINER 4-CYLINDER (100, 115, 125 HP)

GEAR HOUSING ASSEMBLY COMPLETE



1667- **9011J 6**

Black, 2.07:1 gear ratio. 20" long shaft length. 14 pinion teeth.

Fits Mercury 100/115/125 hp. (4 cylinder) 2-cycle outboards with 6 jaw reverse clutch

1667- **9011J16**

Black, 2.3:1 gear ratio. 20" long shaft length. 12 pinion teeth.
Includes the newer 6 jaw reverse clutch and a new powerhead gasket with upper shift shaft for correct throw

Fits Mercury 75-125 hp. 2-cycle outboards with 3 jaw reverse clutch

1667- **9011J15**

Black, 2.3:1 gear ratio. 20" long shaft length. 12 pinion teeth.

Fits Mercury 75-125 hp. 2-cycle outboards with 6 jaw reverse clutch

1667- **9011J 7**

Black, 2.07:1 gear ratio. 20" long shaft length. 14 pinion teeth.
Fits Mercury 100/115/125 hp. (4 cylinder) 2-cycle outboards with 3 jaw reverse clutch.

1667- **9011J37**

Black, 2.33:1 gear ratio. 20" long shaft length. 12 pinion teeth.
Fits Mercury 75-90 hp. (3-cylinder) 2-cycle OptiMax/DFI outboards.

1667- **9011J33**

Black, 2.07:1 gear ratio. 20" long shaft length. 14 pinion teeth.
Fits Mercury 115 hp. (3-cylinder) 2-cycle OptiMax/DFI outboards.

1667- **9011J39**

Black, 2.33:1 gear ratio. 25" extra long shaft length. 12 pinion teeth.
Fits Mercury 75-90 hp. (3-cylinder) 2-cycle OptiMax/DFI outboards.

1667- **9011J35**

Black, 2.07:1 gear ratio. 25" extra long shaft length. 14 pinion teeth.
Fits Mercury 75-115 hp. (3-cylinder) 2-cycle OptiMax/DFI outboards.

MERCURY, MARINER V-6

GEARCASE ASSEMBLY COMPLETE



1647- **9148T81**

Black, 2:1 ratio. 20" long shaft. 14 pinion teeth.
Standard Rotation (RH).

Fits Mercury 135-200 (2.5L) V-6 outboards

1647- **9148T82**

Black, 2:1 ratio. 25" extra long shaft. 14 pinion teeth.
Standard Rotation (RH)

Fits Mercury 135-200 (2.5L) V-6 outboards

1647- **9148T84**

Black, 1.87:1 ratio. 20" long shaft. 15 pinion teeth.
Standard Rotation (RH)

Fits Mercury 135-200 (2.5L) V-6 outboards

1647- **9148T85**

Black, 1.87:1 ratio. 25" extra long shaft. 15 pinion teeth.
Standard Rotation (RH)

Fits Mercury 135-200 (2.5L) V-6 outboards

1647- **9148T86**

Black, 1.87:1 ratio. 25" extra long shaft. 15 pinion teeth.
Counter Rotation (LH)

Fits Mercury 135-200 (2.5L) V-6 outboards

OUTBOARD GEARCASE ASSEMBLY



1623-**859399T13**

Black, 1.75 Gear Ratio, 20 " shaft. 12 pinion teeth, Standard Rotation (RH)
13-Spline driveshaft.

Fits Mercury or Mariner 200, 225, 250 horsepower 3.0L OptiMax/DFI outboards. (s/n 1B504988 and prior)

1623-**859399T14**

Black, 1.75 Gear Ratio, 25 " shaft. 12 pinion teeth, Standard Rotation (RH)
13-Spline driveshaft.

Fits Mercury or Mariner 200, 225, 250 horsepower 3.0L OptiMax/DFI outboards. (s/n 1B504988 and prior)

1623-**859399T15**

Black, 1.75 Gear Ratio, 30 " shaft. 12 pinion teeth, Standard Rotation (RH)
13-spline driveshaft.

Fits Mercury or Mariner 200, 225, 250 horsepower 3.0L OptiMax/DFI outboards. (s/n 1B504988 and prior)

1623-**859399T16**

Black, 1.75 Gear Ratio, 25 " shaft. 12 pinion teeth, Counter Rotation (LH)
13 spline driveshaft.

Fits Mercury or Mariner 200, 225, 250 horsepower 3.0L OptiMax/DFI outboards. (s/n 1B504988 and prior)

1623-**859399T17**

Black, 1.75 Gear Ratio, 30 " shaft. 12 pinion teeth, Counter Rotation (LH)
13 spline driveshaft.

Fits Mercury or Mariner 200, 225, 250 horsepower 3.0L OptiMax/DFI outboards. (s/n 1B504988 and prior)

GEARCASE ASSEMBLY COMPLETE

1600-**880686A43**

Black, 20 inch (L model) shaft length. 12 pinion teeth, right hand rotation

Fits the 3.0L Mercury Optimax or Pro XS, s/n 1B504989 and above.

1600-**880686A44**

Black, 25 inch (XL model) shaft length. 12 pinion teeth, right hand rotation

Fits the 3.0L Mercury Optimax or Pro XS, s/n 1B504989 and above.

1600-**880686A51**

Black, 30 inch (XXL model) shaft length. 12 pinion teeth, right hand rotation

Fits the 3.0L Mercury Optimax or Pro XS, s/n 1B504989 and above.

1600-**880686A52**

Black, 25 inch (CXL model) shaft length. 12 pinion teeth, left hand counter rotation

Fits the 3.0L Mercury Optimax or Pro XS, s/n 1B504989 and above.

1600-**880686A53**

Black, 30 inch (CXXL model) shaft length. 12 pinion teeth, left hand counter rotation

Fits the 3.0L Mercury Optimax or Pro XS, s/n 1B504989 and above.

TORQ MASTER I GEARCASE ASSEMBLY



1689-**8M0072952**

Silver, 1.75:1 gear ratio, 20 inch. 12 pinion teeth. (L model) driveshaft length

Fits the 3.0L Pro XS, right hand rotation, may only be used in Torque Master I applications. Torque Master II may not be substituted.

TORQ MASTER I GEARCASE ASSEMBLY



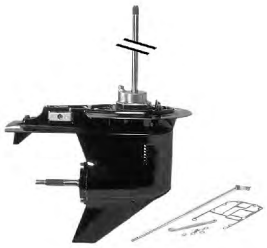
1689-**8M0072953**

Silver, 1.75:1 gear ratio, 25 inch. 12 pinion teeth. (XL model) driveshaft length

Fits the 3.0L Pro XS, right hand rotation, may only be used in Torque Master I applications. Torque Master II may not be subtituted.

MERCURY 40-60 HP 4-STROKE OUTBOARD BIGFOOT GEARCASES

GEARCASE ASSEMBLY COMPLETE



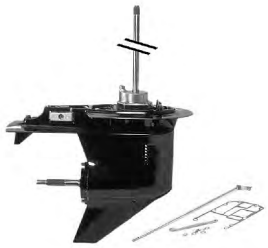
1667- **9011G90**

Black, 2.33:1 gear ratio. 20" long shaft length. 12 pinion teeth.

Fits Mercury 40-60 hp Bigfoot 4-Stroke Outboards. (s/n 1C033810 & Below Bigfoot)

MERCURY 75, 90 & 115 HP 4-STROKE OUTBOARD GEARCASES

GEARCASE ASSEMBLY COMPLETE



1667- **9011J 2**

Black, 2.07:1 gear ratio. 20" long shaft length. 14 pinion teeth.

Fits Mercury 75-115 hp 4-Cylinder, 4-Stroke Outboards. (s/n 0G960500 – 0T598999)

1600-**888845T01**

Black, 2.07:1 gear ratio. 20" long shaft length. 14 pinion teeth.

Fits Mercury 115 hp 4-Cylinder, 4-Stroke Outboards. (s/n 0T801000 – above)

1600-**888845T02**

Black, 2.07:1 gear ratio. 25" extra long shaft length. 14 pinion teeth.

Fits Mercury 115 hp 4-Cylinder, 4-Stroke Outboards. (s/n 0T801000 – above)

1667- **9011J29**

Black, 2.33:1 gear ratio. 20" long shaft length. 12 pinion teeth.

Fits Mercury 75-90 hp 4-Cylinder, 4-Stroke Outboards. (s/n 0T599000 – 0T800999)

1600-**888845T03**

Black, 2.33:1 gear ratio. 20" long shaft length. 12 pinion teeth.

Fits Mercury 75-90-115 hp 4-Cylinder, 4-Stroke Outboards. (s/n 1B172291 – 1B366822)

MERCURY 150 HP 4-STROKE OUTBOARD GEARCASES

GEARCASE ASSEMBLY COMPLETE



1600-**8M0099218**

Black, 1:92:1 gear ratio. 20" long shaft length. 13 pinion teeth.

Fits Mercury 150 hp 4-Cylinder, 4-Stroke Outboards. (s/n 2B138363 - above)

1600-**8M0099221**

Black, 1:92:1 gear ratio. 25" extra long shaft length. 13 pinion teeth.

Fits Mercury 150 hp 4-Cylinder, 4-Stroke Outboards. (s/n 2B138363 - above)

VERADO 135-200 L4 OUTBOARD GEARCASES

GEARCASE ASSEMBLY COMPLETE



1600-880686T23

Black, RH, 2.08:1 gear ratio. 20" (L) long shaft length. 13 pinion teeth.
Fits Mercury 135, 150, 175, 200 hp L4 Verado

1600-880686T24

Black, RH, 2.08:1 gear ratio. 25" (XL) extra long shaft length. 13 pinion teeth.
Fits Mercury 135, 150, 175, 200 hp L4 Verado

1600-880686T25

Black, LH, 2.08:1 gear ratio. 25" (CXL) extra long shaft length. 13 pinion teeth.
Fits Mercury 135, 150, 175, 200 hp L4 Verado

VERADO 200-275 L6 OUTBOARD GEARCASES

GEARCASE ASSEMBLY COMPLETE



1600-880686T13

Black, 1.85:1 gear ratio, 20 inch. 13 pinion teeth. (L model) driveshaft length, right hand rotation
Fits the 6 cylinder Verado with 4.80 inch torpedo diameter

1600-880686T14

Black, 1.85:1 gear ratio, 25 inch. 13 pinion teeth. (XL model) driveshaft length, right hand rotation
Fits the 6 cylinder Verado with 4.80 inch torpedo diameter

1600-880686T15

Black, 1.85:1 gear ratio, 25 inch. 13 pinion teeth. (CXL model) driveshaft length, left hand counter rotation
Fits the 6 cylinder Verado with 4.80 inch torpedo diameter

1600-880686T16

Black, 1.85:1 gear ratio, 30 inch. 13 pinion teeth. (XXL model) driveshaft length, right hand rotation
Fits the 6 cylinder Verado with 4.80 inch torpedo diameter

1600-880686T17

Black, 1.85:1 gear ratio, 30 inch. 13 pinion teeth. (CXXL model) driveshaft length, left hand counter rotation
Fits the 6 cylinder Verado with 4.80 inch torpedo diameter

VERADO 300 L6 OUTBOARD GEARCASES

GEARCASE ASSEMBLY COMPLETE



1600-880686T54

Black, 1.75:1 gear ratio, 20 inch. 12 pinion teeth (L model) driveshaft length, right hand counter rotation.
Fits the 6 cylinder Verado with 4.80 inch torpedo diameter.

1600-880686T57

Black, 1.75:1 gear ratio, 20 inch, 12 pinion teeth, (CL model) driveshaft length, left hand counter rotation.
Fits the 6 cylinder Verado with 4.80 inch torpedo diameter.

1600-880686T55

Black, 1.75:1 gear ratio, 25 inch, 12 pinion teeth, (XL model) driveshaft length, right hand counter rotation.
Fits the 6 cylinder Verado with 4.80 inch torpedo diameter.

1600-880686T58

Black, 1.75:1 gear ratio, 25 inch, 12 pinion teeth, (CXL model) driveshaft length, left hand counter rotation.
Fits the 6 cylinder Verado with 4.80 inch torpedo diameter.

1600-880686T56

Black, 1.75:1 gear ratio, 30 inch, 12 pinion teeth, (XXL model) driveshaft length, right hand counter rotation.
Fits the 6 cylinder Verado with 4.80 inch torpedo diameter.

1600-880686T59

Black, 1.75:1 gear ratio, 30 inch, 12 pinion teeth, (CXXL model) driveshaft length, left hand counter rotation.
Fits the 6 cylinder Verado with 4.80 inch torpedo diameter.

MERCRUISER

SPARK PLUGS - MERCRUISER

SPARK PLUG



33-**8M0129146**

AC, 41-983 (Platinum)
Fits MCM 496 Mag & HO and MIE 8.1L & HO
Priced individually, sold @ multiples of 4

SPARK PLUG



33-**862029**

AC, MR43LTS
Fits 2002-2016 MerCruiser 4.3L, 5.0L & 5.7L carbureted engines
Priced individually, sold @ multiples of 8

SPARK PLUG



33-**898264001**

AC, MR43T
Fits MerCruiser 3.0L (1982-1997), 5.0L & 5.7L (1977-1997), 7.4L (1988-1997) and 8.2L (1990-2001)
Priced individually, sold @ multiples of 8

SPARK PLUG



33-**813425**

NGK, AR6FS
Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0176622**

NGK, BPR5EFS-13
Fits MCM 4.5L & 6.2L Mercury engines
Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0176649**

NGK, BPR6ES
Fits 2010 and newer MerCruiser 8.2L MPI engines
Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0176613**

NGK, BPR6EFS
Fits 1998-2001 MerCruiser 3.0L, 4.3L, 5.0L, 5.7L & 7.4L engines
Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0176634**

NGK, BPR6FS
Fits MerCruiser 3.7L engines
Priced individually, sold @ multiples of 10

SPARK PLUG



33-**813471 1**

NGK, BR6ES

Priced individually, sold @ multiples of 4

SPARK PLUG



33-**813415**

NGK, B8S

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0204739**

NGK, ITR4A15 (Iridium)

Fits 2001 & newer MCM/MIE 4.3L, 5.0L, 5.7L & 6.2L MPI engines with ECM 555. Note: Replaces AC# 41-101, 41-932 & 41-993

Priced individually, sold @ multiples of 4

SPARK PLUG



33-**8M0176651**

NGK, R5673-8

Priced individually, sold @ multiples of 10

SPARK PLUG



33-**8M0046007**

NGK, TR51X (Iridium)

Fits 1999-2001 MerCruiser 350 Mag MPI Horizon engines

Priced individually, sold @ multiples of 4

SPARK PLUG - SHOP PACK



33-**8M0176674**

NGK ITR4A15

25 spark plugs in one shop package

33-**8M0176614**

NGK, BR6FS, check and set gap per owner's manual or the emissions control information decal if present.

25 spark plugs in one shop package.



33-**8M0176633**

NGK, BKR6ES, check and set gap per owner's manual or the emissions control information decal if present.

Fits 2012 and newer MCM Racing 520, 540 & 565 EFI engines (s/n 0M967821 and up)

Priced individually, sold @ multiples of 10

SPARK PLUG CHART - MERCRUISER

MCM Spark Plug Chart

Model	CID/ #Cyl	Type of Ignition	Year Range	Serial # Range	Spark Plug	Spark Plug Gap
100 Vazer	98/ L4	Delco - HEI	2007 - 2009	1A035000 and up	33-896329818	.035
110	153/ L4	Delco	1963 - 1966	1537370 - 2044033	33-813471 1	.035
120	153/ L4	Delco	1964 - 1974	1666601 - 3825578	33-813471 1	.035
120	153/ L4	Delco	1974 - 1986	3825579 - 0B531853	33-898264001	.035
2.5L	153/ L4	Delco	1987 - 1989	0B531854 - 0C853255	33-898264001	.035
140	181/ L4	Delco	1968 - 1974	2508261 - 3826282	33-813471 1	.035
140	181/ L4	Delco	1974 - 1986	3826283 - 0B450800	33-898264001	.035
3.0L	181/ L4	Delco	1987 - 1989	0B450801 - 0C856558	33-898264001	.035
3.0L	181/ L4	Prestolite	1990 - 1991	0C856559 - 0D504541	33-898264001	.035
3.0L	181/ L4	Delco Digital	1990 - 1991	0C856559 - 0D504541	33-898264001	.035
3.0L	181/ L4	EST	1991 - 1994	0D504542 - 0F603999	33-816336Q	.035
3.0L	181/ L4	EST	1998	0L010042 - 0L340999	33-816336Q	.035
3.0L	181/ L4	EST	1999 - 2016	0L341000 - 2A506300	33-862029	.045
3.0L MPI	181/ L4	EST	2008 - 2016	1A072812 - 2A502810	33-862029	.045
3.0LX	181/ L4	Prestolite	1990 - 1991	0C856559 - 0D504541	33-898264001	.035
3.0LX	181/ L4	Delco Digital	1990 - 1991	0C856559 - 0D504541	33-816336Q	.035
3.0LX	181/ L4	EST	1991 - 1997	0D504542 - 0K999999	33-816336Q	.035
165	224/ L4	Delco	1987	0B434940 - 0B77451	33- 97389	.035
170	224/ L4	Delco	1985 - 1986	6916779 - 0B434940	33- 97389	.035
180	224/ L4	Delco & Prestolite	1987	0B436391 - 0B775248	33- 97389	.035
190	224/ L4	Delco	1985 - 1986	6916779 - 0B436390	33- 97389	.035
3.7L	224/ L4	Delco	1988 - 1989	0B774252 and up	33- 97389	.035
3.7LX	224/ L4	Delco & Prestolite	1988 - 1989	0B775249 and up	33- 97389	.035
470	224/ L4	Delco	1976 - 1984	4208730 - 6916778	33- 97389	.035
485	224/ L4	Delco	1980 - 1982	5685394 - 6218036	33- 97389	.035
488	224/ L4	Delco	1983 - 1984	6170297 - 6916778	33- 97389	.035
140	194/ L6	Delco	1963	1538930 - 1725960	33-813471 1	.035
150	230/ L6	Delco	1964 - 1966	1666495 - 2048046	33-813471 1	.035
160	250/ L6	Delco	1967 - 1969	2048022 - 2770031	33-813471 1	.035
165	250/ L6	Delco	1970	2770032 - 2771483	33-813471 1	.035
165	250/ L6	Delco	1971 - 1981	2771484 - 5813433	33-898264001	.035
200	292/ L6	Delco	1969	2453769 - 2712072	33-813471 1	.035
185 (4 bbl.)	229/ V-6	Prestolite	1983 - 1984	6330183 - 6919655	33-898264001	.035
175	262/ V-6	Thunderbolt IV	1987	0B527955 - 0B773242	33-898264001	.035
185 (2 bbl.)	262/ V-6	Thunderbolt IV	1985 - 1987	6919656 - 0B527954	33-898264001	.035
205	262/ V-6	Thunderbolt IV	1985 - 1987	0A331455 - 0B775129	33-898264001	.035
262 Mag.(TBI)(Gen+)	262/ V-6	Delco - HEI	1996 - 1997	0F803800 - 0K999999	33-862029	.045
4.3L	262/ V-6	Thunderbolt IV	1988 - 1993	0B773243 - 0F000877	33-898264001	.035
4.3L	262/ V-6	Thunderbolt IV	1993 - 1996	0F000878 - 0F802999	33-898264001	.040
4.3L (Gen +)	262/ V-6	Thunderbolt V	1998 - 2004	0L010044 - 0W300012	33-862029	.045
4.3L TKS	262/ V-6	Thunderbolt V	2004 - 2015	0W300013 - 2A454127	33-862029	.060
4.3L EFI (Gen+)(TBI)	262/ V-6	Delco & Mercury - HEI	1998 - 2001	0L012009 - 0M299999	33-862029	.045
4.3L MPI	262/ V-6	Delco - HEI	2002 - 2016	0M300000 - 2A506375	33-8M0204739	.060
4.3L MPI EC	262/ V-6	Delco - HEI	2011 - 2016	1A637496 - 2A528897	33-8M0204739	.060
4.3LH (Gen +)	262/ V-6	Thunderbolt IV	1998 - 2002	0L010044 - 0M614999	33-862029	.045
4.3LX	262/ V-6	Thunderbolt IV	1988 - 1993	0B775130 - 0F001219	33-898264001	.035
4.3LX	262/ V-6	Thunderbolt IV	1993 - 1996	0F001220 - 0F802999	33-898264001	.040

Model	CID/ #Cyl	Type of Ignition	Year Range	Serial # Range	Spark Plug	Spark Plug Gap
4.3LX (Gen +)	262/ V-6	Thunderbolt IV	1996 - 1997	0F803000 - 0K999999	33-862029	.045
4.3LXH (Gen +)	262/ V-6	Thunderbolt IV	1996 - 1997	0F803000 - 0K999999	33-862029	.045
4.5L MPI	275/ V6	Mercury	2014 - 2023	2A441953 and up	33-8M0095454	.051
215 MCM & MIE (Ford)	302/ V-8	Autolite	1970 - 1972	2781153 - 3563181	N.L.A.	.030
215 MCM & MIE (Ford)	302/ V-8	Mallory	1970 - 1972	2781153 - 3563181	33-813425	.030
225 MCM & MIE (Ford)	302/ V-8	All	1973 - 1974	3385721 - 4166999	33-813425	.030
888 (Ford)	302/ V-8	All	1971 - 1977	3108723 - 4887829	33-813425	.030
190 (8 cyl.)	283/ V-8	Delco	1963 - 1964	1564539 - 1730903	N.L.A.	.035
198 MIE	305/ V-8	Mallory	1977	4776402 - 4931099	33-898264001	.035
200	305/ V-8	Thunderbolt IV	1985 - 1987	6899058 - 0B774444	33-898264001	.035
228	305/ V-8	Mallory	1977 - 1982	4765100 - 6218461	33-898264001	.035
228	305/ V-8	Thunderbolt IV	1983 - 1984	6218462 - 6899268	33-898264001	.035
228 MIE	305/ V-8	Mallory	1977 - 1980	4765100 - 5907057	33-898264001	.035
230	305/ V-8	Thunderbolt IV	1985 - 1987	6899269 - 0B773739	33-898264001	.035
230 MIE (LH)	305/ V-8	Thunderbolt IV	1981 - 1987	5907058 - 0B788151	33-898264001	.035
230 MIE (RH)	305/ V-8	Thunderbolt IV	1981 - 1987	5907058 - 0B788151	33-898264001	.035
5.0L	305/ V-8	Thunderbolt IV	1988 - 1995	0B774445 - 0F600999	33-898264001	.035
5.0L (Gen +)	305/ V-8	Thunderbolt V	1998 - 2004	0L015751 - 0W300009	33-862029	.045
5.0L TKS	305/ V-8	Thunderbolt V	2004 - 2010	0W300010 - 1A607561	33-862029	.060
5.0L EFI (Gen +)	305/ V-8	Delco & Mercury - HEI	1998 - 2001	0L012052 - 0M299999	33-862029	.045
5.0L MIE (LH)	305/ V-8	Thunderbolt IV	1988	0B788152 - 0C396832	33-898264001	.035
5.0L MIE (RH)	305/ V-8	Thunderbolt IV	1988	0B788152 - 0C396832	33-898264001	.035
5.0L MPI	305/ V-8	Delco - HEI	2002 - 2014	0M300000 - 2A445009	33-8M0204739	.060
5.0L MPI EC	305/ V-8	Delco - HEI	2008 - 2014	1A300000 - 2A444777	33-8M0204739	.060
5.0LX	305/ V-8	Thunderbolt IV	1988 - 1995	0B773740 - 0F600999	33-898264001	.035
898	305/ V-8	Mallory	1977 - 1982	4762210 - 6218461	33-898264001	.035
898	305/ V-8	Thunderbolt IV	1983 - 1984	6218462 - 6899057	33-898264001	.035
225 (GM)	327/ V-8	Delco	1963 - 1969	1539620 - 2694014	N.L.A.	.035
225 MIE (GM)	327/ V-8	Thunderbolt	1968	2278647 - 2694014	33-813415	N/A
250 MCM & MIE	327/ V-8	Thunderbolt	1968 - 1969	2314301 - 2639854	33-813415	N/A
250	350/ V-8	Mallory	1977	4768000 - 4908849	33-898264001	.035
255 MCM & MIE (GM)	350/ V-8	Mallory & Mercury	1975 - 1976	3258728 - 4767999	33-898264001	.035
260	350/ V-8	Mallory	1978 - 1982	4908850 - 6218461	33-898264001	.035
260	350/ V-8	Thunderbolt IV	1982 - 1987	6218462 - 0B773304	33-898264001	.035
260 MIE (LH)	350/ V-8	Thunderbolt IV	1981 - 1987	5907058 - 0B788151	33-898264001	.035
260 MIE (RH)	350/ V-8	Thunderbolt IV	1981 - 1987	5907058 - 0B788151	33-898264001	.035
270 MCM & MIE	350/ V-8	Thunderbolt	1969 - 1972	2851074 - 3385720	33-813415	N/A
280 TRS	350/ V-8	Mercury	1975	4176250 - 4499390	33-898264001	.035
280 TRS	350/ V-8	Mallory	1976	4499391 - 4770199	33-898264001	.035
300	350/ V-8	Thunderbolt IV	1985 - 1986	6668677 - 0B430367	33-898264001	.035
320 EFI	350/ V-8	Thunderbolt IV	1987 - 1989	0A543604 - 0C622418	33-898264001	.035
350 Mag. Alpha	350/ V-8	Thunderbolt IV & V	1986 - 1997	0A635178 - 0K999999	33-898264001	.035
350 Mag. Alpha EFI (Gen+)	350/ V-8	Delco - HEI	1996	0K001509 - 0K999999	33-862029	.045
350 Mag. Bravo MPI	350/ V-8	Delco - HEI	1995	0F415189 - 0F601999	33-898264001	.035
350 Mag. Bravo MPI (Gen+)	350/ V-8	Delco - HEI	1996 - 1997	0F602000 - 0K999999	33-862029	.045
350 Mag. EFI Ski	350/ V-8	Delco - HEI	1994 - 1997	0F215561 - 0K999999	33-862029	.045
350 Mag. MPI (Gen+)	350/ V-8	Delco - HEI	1998	0L010019 - 0L325952	33-862029	.045
350 Mag. MPI (Gen+)	350/ V-8	Mercury -HEI	1999 - 2001	0L325953 - 0M299999	33-862029	.045
350 Mag. MPI	350/ V-8	Delco - HEI	2002 - 2015	0M300000 - 2A455872	33-8M0204739	.060
350 Mag. MPI EC	350/ V-8	Delco - HEI	2008 - 2015	1A300000 - 2A455878	33-8M0204739	.060
350 Mag. MPI Horizon	350/ V-8	Delco - HEI	2002 - 2007	0M300000 and up	33-8M0204739	.060

Model	CID/ #Cyl	Type of Ignition	Year Range	Serial # Range	Spark Plug	Spark Plug Gap
350 Mag. MPI Horizon MIE	350/ V-8	Mercury -HEI	1999 - 2001	0L304700 - 0M299999	33-8M0046007	.045
350 Mag. MPI Horizon MIE	350/ V-8	Delco - HEI	2002 - 2007	0M300000 - 1A089999	33-8M0204739	.060
350 Mag. MPI MIE (Gen+)	350/ V-8	Delco - HEI	1998	0L002008 - 0L302199	33-862029	.045
350 Mag. MPI MIE (Gen+)	350/ V-8	Mercury -HEI	1998 - 2001	0L302200 - 0M299999	33-862029	.045
350 Mag. MPI MIE	350/ V-8	Delco -HEI	2002 - 2007	0M300000 - 1A089999	33-8M0204739	.060
350 Mag. MPI Ski	350/ V-8	Delco - HEI	1995 - 1996	0F350583 - 0F799999	33-898264001	.035
350 Mag. MPI Ski (Gen+)	350/ V-8	Delco - HEI	1998	0L002600 - 0L304599	33-862029	.045
350 Mag. MPI Ski (Gen+)	350/ V-8	Mercury -HEI	1999 - 2001	0L304600 - 0M299999	33-862029	.045
350 Mag. MPI Ski	350/ V-8	Delco -HEI	2002 - 2007	0M300000 - 1A089999	33-8M0204739	.060
350 Mag. Ski	350/ V-8	Thunderbolt IV & V	1991 - 1997	0D505450 - 0K999999	33-898264001	.035
5.7L	350/ V-8	Thunderbolt IV & V	1988 - 1997	0B773305 - 0K999999	33-898264001	.035
5.7L (Gen +)	350/ V-8	Thunderbolt V	1998 - 2004	0L010037 - 0W300754	33-862029	.045
5.7L TKS	350/ V-8	Thunderbolt V	2004 - 2009	0W300755 - 1A600136	33-862029	.060
5.7L EFI	350/ V-8	Delco - HEI	1995 - 1997	0F225560 - 0K999999	33-898264001	.035
5.7L EFI (Gen +)	350/ V-8	Delco & Mercury - HEI	1998 - 2001	0L010035 - 0M299999	33-862029	.045
5.7L EFI MIE (Gen+)	350/ V-8	Delco - HEI	1997	0K040300 - 0K999999	33-862029	.045
5.7L MIE (LH)	350/ V-8	Thunderbolt IV	1988 - 1993	0B788152 - 0F024999	33-898264001	.035
5.7L MIE (RH)	350/ V-8	Thunderbolt IV	1988 - 1993	0B788152 - 0F024999	33-898264001	.035
5.7L MIE	350/ V-8	Thunderbolt IV	1993 - 1995	0F025000 - 0K999999	33-898264001	.035
5.7L MIE (Gen+)	350/ V-8	Thunderbolt V	1998 - 2004	0L002003 - 0W090899	33-862029	.045
5.7L MIE TKS	350/ V-8	Thunderbolt V	2004 - 2010	0W090900 - 1A092388	33-862029	.060
5.7L MPI Horizon MIE	350/ V-8	Delco -HEI	2008 - 2015	1A090000 - 2A455371	33-8M0204739	.060
5.7L MPI MIE	350/ V-8	Delco -HEI	2008 - 2015	1A090000 - 2A455523	33-8M0204739	.060
5.7L MPI MIE EC	350/ V-8	Delco -HEI	2008 - 2016	1A090000 - 2A455371	33-8M0204739	.060
5.7L MPI Tow Sports	350/ V-8	Delco -HEI	2008 - 2016	1A090000 - 2A455977	33-8M0204739	.060
5.7L MPI Tow Sports EC	350/ V-8	Delco -HEI	2008 - 2015	1A090000 - 2A452508	33-8M0204739	.060
5.7L Ski	350/ V-8	Prestolite & Mallory	1985 - 1995	0A338553 - 0F775199	33-898264001	.035
5.7L Ski	350/ V-8	Thunderbolt IV & V	1987 - 1997	0B514627 - 0K999999	33-898264001	.035
5.7L Ski	350/ V-8	Thunderbolt V	1998 - 2004	0L002005 - 0W090899	33-862029	.045
5.7L Ski TKS	350/ V-8	Thunderbolt V	2004 - 2011	0W090900 - 1A092837	33-862029	.060
5.7LX	350/ V-8	Thunderbolt V	1996 - 1997	0F601000 - 0K999999	33-898264001	.035
5.7LX Bravo EFI (Gen +)	350/ V-8	Delco - HEI	1996 - 1997	0F800300 - 0K999999	33-862029	.045
5.7LX EFI	350/ V-8	Delco - HEI	1996 - 1997	0F752400 - 0K999999	33-898264001	.035
Black Scorpion Ski (Gen+)	350/ V-8	Delco - HEI	1996 - 2002	0F800000 - 0M391599	33-862029	.045
Black Scorpion Ski (Gen+)	350/ V-8	Delco - HEI	2003 - 2007	0M391600 - 0W698432	33-8M0204739	.060
Scorpion 350	350/ V-8	Delco - HEI	2008 - 2015	0W698433 - 2A460164	33-8M0204739	.060
Scorpion 350 EC	350/ V-8	Delco - HEI	2008 - 2015	0W698433 - 2A460148	33-8M0204739	.060
233 MCM & MIE (Ford)	351/ V-8	Mercury & Prestolite	1975 - 1977	4173000 - 4902304	33-813425	.030
255 MIE & MCM (Ford)	351/ V-8	Mallory & Mercury	1973 - 1980	3258728 - 5907057	33-813425	.030
377 Mag	377/ V-8	Delco -HEI	2008 - 2015	1A300000 - 2A455858	33-8M0204739	.060
377 Mag EC	377/ V-8	Delco -HEI	2008 - 2015	1A300000 - 2A455601	33-8M0204739	.060
377 Scorpion MCM	377/ V-8	Delco - HEI	1999 - 2005	0L416146 - 0M907201	33-862029	.045
377 Scorpion Ski	377/ V-8	Delco - HEI	1997 - 1998	0K000656 - 0L600314	33-862029	.045
6.2L MPI (Mercury)	377/ V-8	Mercury	2015 - 2023	2A456613 and up	33-8M0095454	.051
MX 6.2L MPI	377/ V-8	Mercury -HEI	2000 - 2001	0L680003 - 0M299999	33-862029	.045
MX 6.2L MPI	377/ V-8	Delco -HEI	2002 - 2007	0M300000 - 1A299999	33-8M0204739	.060
MX 6.2L MPI Horizon	377/ V-8	Delco -HEI	2002 - 2007	0M300000 and up	33-8M0204739	.060
MX 6.2L MPI Horizon MIE	377/ V-8	Delco -HEI	2002 - 2015	0M300000 - 2A452368	33-8M0204739	.060
MX 6.2L MPI MIE	377/ V-8	Mercury -HEI	1999 - 2001	0L670000 - 0M299999	33-862029	.045
MX 6.2L MPI MIE	377/ V-8	Delco -HEI	2002 - 2007	0M300000 and up	33-8M0204739	.060
6.2L MPI MIE EC	377/ V-8	Delco -HEI	2008 - 2015	1A090000 - 2A455246	33-8M0204739	.060
MX 6.2L MPI Ski	377/ V-8	Delco -HEI	2002 - 2007	0M317000 - 0W689999	33-8M0204739	.060
MX 6.2L Blk Scorpion Ski	377/ V-8	Delco - HEI	2001 - 2002	0L670015 - 0M391599	33-862029	.045
MX 6.2L Blk Scorpion Ski	377/ V-8	Delco - HEI	2003 - 2007	0M391750 - 0W698432	33-8M0204739	.060

Model	CID/ #Cyl	Type of Ignition	Year Range	Serial # Range	Spark Plug	Spark Plug Gap
Scorpion 377	377/ V-8	Delco - HEI	2008 - 2015	0W698433 - 2A460138	33-8M0204739	.060
Scorpion 377 HO EC	377/ V-8	Delco - HEI	2009 - 2010	1A091488 - 1A092170	33-8M0204739	.060
325 MCM & MIE	427/ V-8	Thunderbolt	1969 - 1974	2278747 and up	33-813421 4	.035
330 MCM & MIE	454/ V-8	Mallory	1977 - 1981	4623115 - 6083144	33-898264001	.035
330 MCM & MIE	454/ V-8	Thunderbolt	1977 - 1981	4623115 - 6083144	33-813421 4	.035
330	454/ V-8	Thunderbolt IV	1982 - 1987	6083145 - 0B816540	33-898264001	.035
340 MIE	454/ V-8	Thunderbolt IV	1981 - 1987	5889914 - 0B788365	33-898264001	.035
350 MIE	454/ V-8	Thunderbolt	1974 - 1976	3780450 - 4623109	33-813421 4	.035
370 TRS	454/ V-8	Mallory	1978 - 1985	4179554 - 6721527	33-813421 4	.035
370 TRS	454/ V-8	Holley	1978 - 1985	4883520 - 6721527	33-898264001	.035
370 TRS	454/ V-8	Thunderbolt IV	1985 - 1987	6721528 - 0B714586	33-898264001	.035
400 TRS	454/ V-8	Mallory	1980 - 1986	5668232 - 0B457644	33-813421 4	.035
400 TRS	454/ V-8	Holley	1980 - 1986	5668232 - 0B457644	33-898264001	.035
420	454/ V-8	Thunderbolt IV	1987 - 1989	0A398941 - 0B622418	33-898264001	.035
425	454/ V-8	Thunderbolt IV	1990 - 1993	0B622419 - 0D937011	33-898264001	.035
440 TRS	454/ V-8	Mallory	1983 - 1986	6181070 - 0B485220	33-813421 4	.035
440 TRS	454/ V-8	Holley	1983 - 1986	6181070 - 0B485220	33-898264001	.035
450	454/ V-8	Thunderbolt IV	1995 - 1996	0F347100 - 0F347277	33-898264001	.035
454 Mag. Alpha	454/ V-8	Thunderbolt IV	1986 - 1988	0A631894 - 0B785148	33-898264001	.035
454 Mag. Bravo	454/ V-8	Thunderbolt IV	1988 - 1997	0B721206 - 0K999999	33-898264001	.035
454 Mag. EFI	454/ V-8	Delco - HEI	1994 - 1996	0F115700 - 0F802349	33-898264001	.035
454 Mag. EFI Ski	454/ V-8	Delco - HEI	1995 - 1996	0F215800 - 0F820099	33-898264001	.035
454 Mag. MPI	454/ V-8	Delco - HEI	1996 - 2001	0F802350 - 0M024999	33-898264001	.040
454 Mag. MPI Horizon MIE	454/ V-8	Delco - HEI	1998 - 2001	0L002200 - 0L674000	33-898264001	.040
454 Mag. MPI Ski	454/ V-8	Delco - HEI	1996 - 1997	0F820100 - 0K999999	33-898264001	.040
525 SC	454/ V-8	Thunderbolt IV	1991 - 1999	0D456000 - 0L415623	33-898264001	.035
7.4L Bravo	454/ V-8	Thunderbolt IV	1988 - 1997	0B771113 - 0K999999	33-898264001	.035
7.4L EFI MIE	454/ V-8	Delco - HEI	1996 - 1997	0F874815 - 0K999999	33-898264001	.035
7.4L MIE	454/ V-8	Thunderbolt IV & V	1981 - 1997	5889914 - 0K999999	33-898264001	.035
7.4L MPI (L29)	454/ V-8	Delco - HEI	1998 - 2001	0L010003 - 0M024330	33-816336Q	.045
7.4L MPI MIE	454/ V-8	Delco - HEI	1995 - 1997	0F563052 - 0K999999	33-898264001	.035
7.4L MPI MIE (L29)	454/ V-8	Delco - HEI	1998 - 2001	0L002006 - 0L674613	33-816336Q	.045
7.4LX Bravo EFI	454/ V-8	Delco - HEI	1996 - 1997	0F820000 - 0K999999	33-898264001	.035
7.4LX Bravo MPI	454/ V-8	Delco - HEI	1996 - 1997	0F602010 - 0K999999	33-898264001	.035
390	482/ V-8	Thunderbolt	1969 - 1970	2781129 - 2825059	N.L.A.	.035
460 TRS	482/ V-8	Mallory & Holley	1983 - 1986	6180970 - 6181046	33-813421 4	.035
496 Mag & HO	496/ V-8	Delco	2001 - 2010	0M025000 - 1A352731	33-8M0129146	.060
496 Mag & HO EC	496/ V-8	Delco	2008 - 2010	1A066166 - 1A350440	33-8M0129146	.060
8.1S & HO MIE	496/ V-8	Delco	2001 - 2010	0M026000 - 1A380318	33-8M0129146	.060
8.1S & HO MIE EC	496/ V-8	Delco	2008 - 2010	0W697154 - 1A380251	33-8M0129146	.060
500	502/ V-8	Thunderbolt IV	1994 - 1998	0F213293 - 0L001772	33-898264001	.035
500 (Gen +)	502/ V-8	Thunderbolt IV	1999	0L414639 - 0L601036	33-898264001	.035
500 EFI	502/ V-8	Delco - HEI	1998 - 2005	0L001477 and up	33-898264001	.035
502 Mag.	502/ V-8	Thunderbolt IV	1990 - 1993	0C878221 - 0F114528	33-898264001	.035
502 Mag. EFI	502/ V-8	Delco - HEI	1993 - 1996	0D840650 - 0F802599	33-898264001	.035
502 Mag. MPI	502/ V-8	Delco - HEI	1996 - 2001	0F802600 - 0M024999	33-898264001	.040
525 EFI	502/ V-8	Mercury - HEI	2003 - 2023	0M900146 and up	33-8M0114747	.035
575 SCi	502/ V-8	Delco - HEI	2000 - 2005	0L306696 - 0M950526	33-813421 4	.040
600 SC	502/ V-8	Thunderbolt IV	1991 - 1993	0D456489 - 0D763875	33-898264001	.035
600 SC	502/ V-8	Thunderbolt IV	1993 - 1996	0D763876 - 0F877642	33-813421 4	.035
8.2L Mag	502/ V-8	Mercury - HEI	2010 - 2023	1A351597 and up	33-8M0114747	.060
8.2L Mag EC	502/ V-8	Mercury - HEI	2010 - 2023	1A350340 and up	33-8M0114747	.006

Model	CID/ #Cyl	Type of Ignition	Year Range	Serial # Range	Spark Plug	Spark Plug Gap
8.2L MIE	502/ V-8	Thunderbolt IV & V	1990 - 1996	0C878221 - 0F819619	33-898264001	.035
8.2L MIE	502/ V-8	Mercury - HEI	2010 - 2023	1A350802 and up	33-8M0114747	.060
8.2L MIE EC	502/ V-8	Mercury - HEI	2010 - 2023	1A350802 and up	33-8M0114747	.060
8.2L MPI MIE	502/ V-8	Delco - HEI	1996 - 2001	0F819620 - 0L674200	33-898264001	.040
500 Bulldog	540/ V-8	Thunderbolt IV	1990 - 1996	0C577003 - 0F745405	33-898264001	.035
500 Bulldog	540/ V-8	Thunderbolt IV	1997 - 2001	0K000248 - 0M050281	33-898264001	.040
575	540/ V-8	Thunderbolt IV	1986 - 1992	0A677429 - 0D763716	33-813421 4	.035
800SC	572/ V-8	Thunderbolt IV	1993 - 1996	0D763836 - 0F877725	33-813421 4	.035
800SC	572/ V-8	Thunderbolt IV	1997 - 2023	0K000223 and up	33-813421 4	.040

CUSTOM ENGINE COVERS

ENGINE COVER WITH FLAME GRAPHICS



879147T94

Want the hottest engine in the marina? Heat things up with a flame engine cover. You're sure to get everyone's attention at the next owner's rendezvous.

Fits All Scorpion models built between 1995 and the present.
Note: Scorpion emblem not included.

ENGINE COVER - BLUE FLAME



8M0079198

This engine cover features a custom hand air-brushed blue flame design. Being a custom part there will be some visible differences from one part to the next. It is the same as used on some Plus Series engines.

Fits non-ECT 4.3 MPI, 5.0 MPI, 350 MAG, & 377 MAG MerCruiser engines built between 2001-2015. It also fits all 4.3L, 350, 357, and 383 Plus Series engines.

ENGINE COVER - RED FLAME



8M0103982

This engine cover features a custom hand air-brushed red flame design. Being a custom part there will be some visible differences from one part to the next. It is the same as used on some Plus Series engines.

Fits non-ECT 4.3 MPI, 5.0 MPI, 350 MAG, & 377 MAG MerCruiser engines built between 2001-2015. It also fits all 4.3L, 350, 357, and 383 Plus Series engines.

BEARING KIT

GIMBAL BEARING KIT



30-879194A00

Perma-Lube Bearing Kit required to retrofit the new XR/XZ drives to older Bravo transom plate assemblies to provide enough clearance for the larger u-joint on the new XR/XZ drives.

Fits Bravo transom assemblies

TILT UP LIMIT SPACER KIT

Limits the tilt (up) range to prevent the drive unit from hitting the swim platform.

TRIM LIMIT SPACER KIT



15768A 3

2 per kit

Fits Alpha One & Gen II (1987 and newer) & Bravo drives.

TRIM IN LIMIT SPACER KITS

Reduces "stern lift" by preventing the drive unit from reaching the last few degrees of full trim under. See MerCruiser Service Bulletin # 94-1 for additional details.

TRIM LIMIT SPACER KIT



23-**806445A 1**

Internal Cylinder Kit, For negative trim (in) limit of .750 in.(19 mm) to 1.00 in.(25 mm).

Fits Bravo drives (s/n 0F214599 and below)

TRAILERING CLIPS

To support drive in the tilt up position while trailering.

TRAILERING CLIP



817019T 2

Fits MC-I, R, MR, Alpha, Bravo & Vazer drives.

Priced & packaged in qty. of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

GEAR LUBE MONITOR KITS

GEAR LUBE MONITOR KIT



806193A49

Mounts on inner transom, connecting internally to the upper driveshaft housing. Includes low gear lube warning sensor that connects to the engine audio warning system. Warning feature requires that the Audio Warning System is installed on the engine.

Fits Alpha One Gen II (s/n 0D491000 and above).

GEAR LUBE RESERVOIR KIT



865585A02

1 quart reservoir kit with float switch.

Designed to replace the smaller rectangular reservoir for added gear lube capacity.

Fits Bravo drives running under excessive loads in a heavy use environment.

GEAR LUBE RESERVOIR RELOCATION KIT



806054A 1

Reservoir Relocation Kit. Used to relocate the "square" reservoir bottle from the engine to the transom. This kit should be used when the installation of any other accessory kit would interfere with the reservoir at its factory installed location.

Fits Alpha & Bravo models (1994 and newer)

DUAL STATION SENDERS

Replaces factory installed sender on engine. For use with dual station instrumentation.

ENGINE OIL PRESSURE SENDER



37293T

Fits MCM/MIE gasoline engines

ENGINE OIL PRESSURE SENDER



87-**805268**

For dual station installations

Fits 1994 and newer MCM/MIE Diesel engines

SERPENTINE BELT KITS

The second MCM V-6 or V-8 engine used in a dual engine boat can have the power steering pump removed by using one of these belt kits. If the pump is not removed, the plastic power steering hose coupler must be changed to a brass one. DO NOT RUN the power steering pump continuously with the plastic shipping coupler. Order a Belt Kit or a Brass Coupler.

SERPENTINE BELT & PULLEY KIT



889432A 1

Fits 2002-2003 MCM V-6 & V-8 (305 & 350 cid) Alpha engines with standard cooling that the power steering pump is being removed (s/n 0M343008-0M999999).

SERPENTINE BELT & PULLEY KIT



889433A 1

Fits 2002-2003 MCM V-6 & V-8 (305, 350 & 377 cid) Alpha engines with closed cooling and Bravo engines that the power steering pump is being removed (s/n 0M343008-0M999999).

SERPENTINE BELT KIT

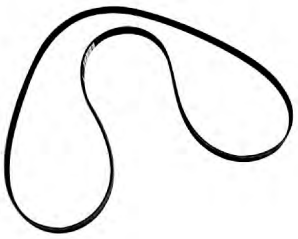


807901A 3

For dual engine applications where power steering pump is being removed.

Fits MCM V-6 & V-8 (305 & 350 cid) Bravo engines with standard cooling. Also fits MCM 4.3L Bravo; 5.0L & 5.7L Alpha/Bravo with closed cooling. See application chart for specific engine models.

SERPENTINE BELT



57-**865615Q08**

2535 mm length

Fits 1999-2002 MCM V-6 & V-8 (305, 350 & 377 cid) Bravo engines with high mounted alternator that the power steering pump is being removed (s/n 0L619000-0M343007).

57-**865615Q09**

1780 mm length

Fits 1999-2001 MCM V-6 & V-8 (305 & 350 cid) Alpha engines with high mounted alternator (s/n 0L619000-0M320024)

57-**865615Q07**

2467 mm length

Fits 1998-2001 MCM V-8 (454 & 502 cid) Bravo engines with serpentine belt that the power steering pump is being removed.

57-**865615Q02**

2285 mm length

Fits 2001-2004 MIE 8.1S engines (s/n 0M025000-0W389999). Also fits 2001-2005 MCM 496 Mag engines (s/n 0M025000-0W309999) that the power steering pump has been removed.

P/S HOSE COUPLER



22-**860099001**

Required kit when leaving the power steering pump on the second engine in dual engine applications. Connects the power steering hoses together.
Fits all MCM engines with power steering

SERPENTINE BELT KIT CHART

MCM Serpentine Belt Kits

For use on engines with power steering pump removed

Model	Year Range	Serial # Range	Belt Kit	Optional Brass Coupler
MCM V-6 (Gen +) Alpha	1996 - 1999	0F803000 - 0L619083	N.L.A.	22-860099001
MCM V-6 (Gen +) Alpha	1999 - 2002	0L619084 - 0M320024	57-865615Q09	22-860099001
MCM V-6 (Gen +) Alpha	2002	0M320025 - 0M343007	57-865615Q09(1)	22-860099001
MCM V-6 (Gen +) Alpha, RWC	2002 - 2003	0M343008 - 0M999999	889432A 1	22-860099001
MCM V-6 (Gen +) Alpha, FWC	2002 - 2003	0M343008 - 0M999999	889433A 1	22-860099001
MCM V-6 (Gen +) Bravo	1996 - 1999	0F803000 - 0L619083	807901A 3	22-860099001
MCM V-6 (Gen +) Bravo	1999 - 2002	0L619084 - 0M320024	57-865615Q08	22-860099001
MCM V-6 (Gen +) Bravo	2002	0M320025 - 0M343007	57-865615Q08(2)	22-860099001
MCM V-6 (Gen +) Bravo	2002 - 2003	0M343008 - 0M999999	889433A 1	22-860099001
MCM V-8 (305 & 350 cid) Alpha	1997 - 1999	0K001506 - 0L618999	N.L.A.	22-860099001
MCM V-8 (305 & 350 cid) Alpha	1999 - 2002	0L619000 - 0M320024	57-865615Q09	22-860099001
MCM V-8 (305 & 350 cid) Alpha	2002	0M320025 - 0M343007	57-865615Q09(1)	22-860099001
MCM V-8 (305 & 350 cid) Alpha, RWC	2002 - 2003	0M343008 - 0M999999	889432A 1	22-860099001
MCM V-8 (305 & 350 cid) Alpha, FWC	2002 - 2003	0M343008 - 0M999999	889433A 1	22-860099001
MCM V-8 (305 & 350 cid) Bravo	1998 - 1999	0K001506 - 0L618999	807901A 3	22-860099001
MCM V-8 (305, 350 & 377 cid) Bravo	1999 - 2002	0L619000 - 0M320024	57-865615Q08	22-860099001
MCM V-8 (305, 350 & 377 cid) Bravo	2002	0M320025 - 0M343007	57-865615Q08(2)	22-860099001
MCM V-8 (305, 350 & 377 cid) Bravo	2002 - 2003	0M343008 - 0M999999	889433A 1	22-860099001
MCM V-8 (454 cid)	1998 - 2001	0L010003 - 0M024999	57-865615Q07	22-860099001
MCM V-8 (496 cid)	2001 - 2003	0M025000 - 0W000004	57-865615Q02	22-860099001
MCM V-8 (502 cid)	1998 - 2001	0L017000 - 0M024999	57-865615Q07	22-860099001

(1) 889432A 1 Serpentine Belt Kit: Order this belt kit instead of the one listed if the engine has a 4-1/4 in.(108 mm) diameter grooved idler pulley.

(2) 889433A 1 Serpentine Belt Kit: Order this belt kit instead of the one listed if the engine has a 4-1/4 in.(108 mm) diameter grooved idler pulley.

AIR INTAKE SILENCER KIT

SILENCER KIT - AIR INTAKE



98-**8M0063432**

Reduces the throttle intake noise at cruise speed and mid-range RPM.
Not recommended for V-drive installations.
Backfits all MCM/MIE 8.2L engines w/o intake air silencer

AIR INTAKE TUBE KIT

AIR INTAKE TUBE AND FILTER KIT



8M0085794

Increases air flow for better turbo efficiency. Standard equiptment on current Tier 3 engines.
Back fits all MCM/MIE V6 TDI Tier 2 diesel engines with CEZ serial numbers.

FRONT BELT COVER KIT

BELT COVER KIT



8M0122079

Auxilary kit to enclose the belt & pulleys
Fits MCM/MIE 3.0L V6 diesel (s/n 70380001 & up)

HOT WATER HEATER FITTING KITS

Includes the necessary fittings to provide a means of supplying hot water to a remote location.

HOT WATER FITTING KIT



22-**806836A 3**

Fits 1992-2016 MCM 3.0L/LX (s/n 0D616823 thru 2A506300)

HOT WATER FITTING KIT



879288A03

Fits 2008-2016 MCM 3.0 MPI Emissions Control engine.

HOT WATER FITTING KIT



22-**8M0119308**

Fits 2001-2016 MCM V-6 & MCM/MIE V-8 (305, 350 & 377 cid) MPI engines (s/n 0M300000 and up). Also fits Mercury 4.5 & 6.2 MPI engines (2014 and newer)

HOT WATER FITTING KIT



22- **72932A 3**

Fits MCM/MIE V-6 & V-8 (305, 350, 377, 454 & 502 cid) engines with front mounted heat exchanger (s/n 0F490650 and above), except MPI engines s/n 0M300000 and above.

HOT WATER FITTING KIT



22-**806837A 1**

Fits MCM 496 Mag & MIE 8.1S engines.

HOT WATER FITTING KIT



22-**8M0045175**

Fits MCM/MIE 8.2

HOT WATER FITTING KIT



22-**806837A 2**

Fits 1.7 MS & MI 120 diesel.

HOT WATER FITTING KIT



805984A 1

For heater hose with 5/8 in.(16 mm) I.D.
Fits 1997 & older MCM/MIE D2.8L, D3.0L, D3.6L, and D4.2L Diesel models

HOT WATER FITTING KIT



889074A 1

With shut-off valve,
For heater hose with 5/8 in. (16 mm) I.D.
Fits 1998 & newer MCM/MIE 2.0L, 2.8L & 4.2L Diesel models

HOT WATER FITTING KIT



22-**8M0094865**

Fits MCM/MIE 3.0L V6 TDI Diesel models

HOT WATER HEATER T-FITTING KIT CHART

MCM Hot Water T-fittings

Model	Year Range	Serial # Range	Hot Water Fitting Kit
MCM 4 cyl. (153 & 181 cid)	1983 - 1991	6229718 - 0D616822	N.L.A.
MCM 4 cyl. (181 cid)	1992 - 2004	0D616823 - 0W301999	22-806836A 3
MCM 4 cyl. (181 cid) TKS carb	2005 - 2016	0W302000 - 2A506300	(7)
MCM 4 cyl. (181 cid) MPI	2008 - 2016	1A072812 - 2A502810	879288A03(8)
MCM V-6 (229 cid)	1983 - 1984	6330183 - 6919655	N.L.A.
MCM V-6 (262 cid)	1985 - 1991	0A331455 - 0D616517	N.L.A.
MCM V-6 (262 cid)	1992 - 1995	0D616518 - 0F490649	N.L.A.(1)
MCM V-6 (262 cid)	1992 - 1995	0D616518 - 0F490649	N.L.A.(2)
MCM V-6 (262 cid) Carb & TBI engines	1995 - 2015	0F490650 - 2A454127	22- 72932A 3
MCM V-6 (262 cid) MPI engines	2002 - 2016	0M300000 - 2A506375	22-8M0119308
MCM V-6 (262 cid) MPI EC engines	2011 - 2016	1A637496 - 2A528897	22-8M0119308
MCM 4.5L V6 MPI	2014 - 2023	2A441953 and up	22-8M0119308
MCM V-8 (305 & 350 cid)	1983 - 1991	6218462 - 0D616638	N.L.A.
MCM V-8 (305 & 350 cid)	1992 - 1995	0D616639 - 0F490649	N.L.A.(1)
MCM V-8 (305 & 350 cid)	1992 - 1995	0D616639 - 0F490649	N.L.A.(2)
MCM V-8 (305, 350 & 377 cid) Carb & TBI engines	1995 - 2010	0F490650 - 1A600136	22- 72932A 3
MCM V-8 (305, 350 & 377 cid) MPI engines	1995 - 2001	0F490650 - 0M299999	22- 72932A 3
MCM V-8 (305, 350 & 377 cid) MPI engines	2002 - 2015	0M300000 - 2A455878	22-8M0119308
MCM 6.2L (Mercury)	2015 - 2023	2A456613 and up	22-8M0119308
MCM V-8 (454 & 502 cid)	1982 - 1991	6083145 - 0D603117	N.L.A.
MCM V-8 (454 & 502 cid)	1992 - 1995	0D603118 - 0F490649	N.L.A.(1)
MCM V-8 (454 & 502 cid)	1992 - 1995	0D603118 - 0F490649	N.L.A.(2)
MCM V-8 (454 & 502 cid)	1995 - 2001	0F490650 and up	22- 72932A 3
MCM 496 Mag & HO	2000 - 2010	0M025000 - 1A352731	22-806837A 1
MCM 8.2 Mag & HO	2010 - 2023	1A350340 and up	22-8M0045175
MIE & SKI V-8	1981 - 1991	5907058 - 0D623999	N.L.A.
MIE & Ski V-8	1992 - 1995	0D624000 - 0F490649	N.L.A.(1)(4)
MIE V-8	1992 - 1995	0D624000 - 0F490649	N.L.A.(2)(3)
MIE V-8	1995 - 1997	0F490650 - 0K999999	22- 72932A 3(3)
MIE V-8	1995 - 1997	0F490650 - 0K999999	N.L.A.(4)
MIE V-8 (Except MIE 8.1S)	1998 - 2001	0L002003 - 0M299999	22- 72932A 3
MIE V-8 MPI (Except MIE 8.1S)	2002 - 2015	0M300000 and up	22-8M0119308
MIE 6.2L MPI (Mercury)	2015 - 2023	2A456613 and up	22-8M0119308
MIE 8.1S Horizon & HO	2000 - 2010	0M025000 and up	22-806837A 1
MIE 8.2 Horizon & HO	2010 - 2023	1A350802 and up	22-8M0045175
MCM/MIE 3.0L V6 TDI	2013 - 2023	All - All	22-8M0094865
MCM/MIE VM Diesel(5)	1989 - 2002	0B993002 and up	805984A 1
MCM/MIE VM Diesel(6)	1989 - 2002	0B993002 and up	N.L.A.
MCM/MIE 2.0L, 2.8L & 4.2L	1998 - 2023	0L667439 and up	889074A 1
MCM/MIE D7.3L	1994 - 1997	0F060000 and up	N.L.A.

Model	Year Range	Serial # Range	Hot Water Fitting Kit
MCM/MIE D7.3L D-Tronic	1997 - 2023	0K095775 and up	N.L.A.

(1) Engines with 1-1/2 in.(38mm) I.D. circulating pump hose between thermostat hsg. and circulating pump

(2) Engines with 1-3/4 in.(45mm) I.D. circulating pump hose between thermostat hsg. and circulating pump

(3) Will not fit models with rear mounted heat exchanger

(4) Will fit models with rear mounted heat exchanger

(5) All models with 5/8 in.(16mm) hose

(6) All models with 17mm hose

(7) No kit available

(8) Not required for closd cooled engines

THRU TRANSOM EXHAUST OUTLETS

Outlets come with internal shutters and external flappers. Each kit includes 2 tips.

QUICK-CHANGE THRU TRANSOM EXHAUST TIPS



843434A 1

Polished stainless steel tips feature a in.quick change in. anti-backflow valve. 2 outlets per kit.

For 3 in. (76 mm) I.D. exhaust pipe. Fits all Mercury Racing and Mercury MerCruiser consumer sterndrive engine packages.

843426A 1

Polished stainless steel tips feature a in.quick change in. anti-backflow valve. 2 outlets per kit.

For 4 in. (102 mm) I.D. exhaust pipe. Fits all Mercury Racing and Mercury MerCruiser consumer sterndrive engine packages.

TRANSOM EXHAUST TIPS FLAPPER ASSEMBLY



8M0109049

This kit is to repair the internal rubber flapper baffle for one 3 in. (76 mm) I.D. exhaust tip 843434A1. Contains components to repair one exhaust tip.

Fits all Mercury Racing and Mercury MerCruiser consumer sterndrive engine packages that have the Quick-Change Thru Transom Exhaust Tips

TRANSOM EXHAUST TIPS FLAPPER ASSEMBLY



8M0109050

This kit is to repair the internal rubber flapper baffle for one 4 in. (102 mm) I.D. exhaust tip 843426A1. Contains components to repair one exhaust tip.

Fits all Mercury Racing and Mercury MerCruiser consumer sterndrive engine packages that have the Quick-Change Thru Transom Exhaust Tips.

TRANSOM EXHAUST TIPS REPAIR KIT



843434A 2

This kit is to repair the internal rubber flapper baffle for one 3 in. (76 mm) I.D. exhaust tip 843434A1. Contains components to repair one exhaust tip.

Fits all Mercury Racing and Mercury MerCruiser consumer sterndrive engine packages that have the Quick-Change Thru Transom Exhaust Tips

843426A 2

This kit is to repair the internal rubber flapper baffle for one 4 in. (102 mm) I.D. exhaust tip 843426A1. Contains components to repair one exhaust tip.

Fits all Mercury Racing and Mercury MerCruiser consumer sterndrive engine packages that have the Quick-Change Thru Transom Exhaust Tips

EXHAUST OUTLET FLAPPER KITS

EXHAUST FLAPPERS



34765Q02

For 3 in.(76 mm) O.D. exhaust outlets, 1 flapper in kit

12644A 1

For 4 in.(102 mm) O.D. exhaust outlets, 1 flapper in kit

EXHAUST IN-LINE SHUTTER KIT

EXHAUST SHUTTER KIT



98-**8M0109256**

In-line water shutter

Fits MIE engines with 4 in. (101.6 mm) exhaust

EXHAUST BLOCK-OFF PLATE

Used to block-off the gimbal housing when thru transom exhaust is installed. Install plate before engine is installed.

EXHAUST BLOCK-OFF PLATE



861776A 2

EXHAUST PIPE KITS

EXHAUST "Y" PIPE KIT



98-**8M0117124**

For use with Silent Choice type exhaust systems. Also used to convert engines with thru transom exhaust to thru prop exhaust. Standard pipe on all thru prop exhaust gasoline sterndrive models.

Fits all V-8 engines with 4 in.(102 mm) exhaust systems; except MCM 8.1L & 8.2L engines

EXHAUST "Y" PIPE KIT



98-**8M0117125**

Used to convert MCM 8.1L & 8.2L engines with thru transom exhaust to thru prop exhaust.
Also requires the use of intermediate elbow kit in conjunction with this "Y" Pipe Kit. For 8.1L & 8.2L non-Emissions Control engines, use 44267A02 or A03. For 8.1L Emissions Control engines, use 44267A04, A05, A06, A07 or A08. For 8.2L Emissions Control engines with three catalyst exhaust manifolds, use 879288A12, A13, A14, A15 or A16.

Fits all MCM 8.1L & 8.2L sterndrive engines, except 2012 & newer 8.2L EC engines with single catalyst exhaust manifolds.

INTERMEDIATE ELBOW KIT



44267A02

Used in conjunction with Exhaust "Y" Pipe kit 8M0117125 to convert engine to thru prop exhaust.

Fits MCM 8.1L & 8.2L non-EC sterndrive engines with exhaust risers 2 in. (51 mm) to 8 in. (203 mm) high.

INTERMEDIATE ELBOW KIT



44267A03

Used in conjunction with Exhaust "Y" Pipe kit 8M0117125 to convert engine to thru prop exhaust.

Fits MCM 8.1L & 8.2L non-EC sterndrive engines w/o exhaust risers and w/ exhaust risers up to 2 in. (51 mm) high.

INTERMEDIATE ELBOW KIT



44267A04

Used in conjunction with Exhaust "Y" Pipe kit 8M0117125 to convert engine to thru prop exhaust.

Fits MCM 8.1L EC engines with standard 0" risers.

INTERMEDIATE ELBOW KIT



44267A05

Used in conjunction with Exhaust "Y" Pipe kit 8M0117125 to convert engine to thru prop exhaust.

Fits MCM 8.1L EC engines with 2 in. (51 mm) risers.

INTERMEDIATE ELBOW KIT



44267A06

Used in conjunction with Exhaust "Y" Pipe kit 8M0117125 to convert engine to thru prop exhaust.

Fits MCM 8.1L EC engines with 4 in. (102 mm) risers.

INTERMEDIATE ELBOW KIT



44267A07

Used in conjunction with Exhaust "Y" Pipe kit 8M0117125 to convert engine to thru prop exhaust.

Fits MCM 8.1L EC engines with 6 in. (152 mm) risers.

INTERMEDIATE ELBOW KIT



44267A08

Used in conjunction with Exhaust "Y" Pipe kit 8M0117125 to convert engine to thru prop exhaust.

Fits MCM 8.1L EC engines with 8 in. (203 mm) risers.

INTERMEDIATE ELBOW KIT



879288A12

Used in conjunction with Exhaust "Y" Pipe Kit 8M0117125 to convert engine to thru prop exhaust.

Fits 2010-2012 MCM 8.2L EC engines with three catalyst exhaust manifolds and 0 in. risers

INTERMEDIATE ELBOW KIT



879288A13

Used in conjunction with Exhaust "Y" Pipe Kit 8M0117125 to convert engine to thru prop exhaust.

Fits 2010-2012 MCM 8.2L EC engines with three catalyst exhaust manifolds and 2 in. (51 mm) risers (s/n 2A041664 and below)

INTERMEDIATE ELBOW KIT



879288A14

Used in conjunction with Exhaust "Y" Pipe Kit 8M0117125 to convert engine to thru prop exhaust.

Fits 2010-2012 MCM 8.2L EC engines with three catalyst exhaust manifolds and 4 in. (102 mm) risers (s/n 2A041664 and below)

INTERMEDIATE ELBOW KIT



879288A15

Used in conjunction with Exhaust "Y" Pipe Kit 8M0117125 to convert engine to thru prop exhaust.

Fits 2010-2012 MCM 8.2L EC engines with three catalyst exhaust manifolds and 6 in. (152 mm) risers (s/n 2A041664 and below)

INTERMEDIATE ELBOW KIT



8M0095832

Required when changing exhaust elbow height to 2 in. (51 mm) risers.

Fits 2012 & newer MCM 8.2L EC engines with single catalyst exhaust manifolds and 2 in. (51 mm) risers (s/n 2A041665 and up)

INTERMEDIATE ELBOW KIT



8M0095833

Required when changing exhaust elbow height to 4 in. (102 mm) risers.

Fits 2012 & newer MCM 8.2L EC engines with single catalyst exhaust manifolds and 4 in. (102 mm) risers (s/n 2A041665 and up)

INTERMEDIATE ELBOW KIT



8M0095834

Required when changing exhaust elbow height to 6 in. (152 mm) risers.

Fits 2012 & newer MCM 8.2L EC engines with single catalyst exhaust manifolds and 6 in. (152 mm) risers (s/n 2A041665 and up)

EXHAUST "S" PIPE KIT



807611T

Optional exhaust pipe for Tow Sports non-EC engine models with 4 in.(102 mm) exhaust.

EXHAUST "S" PIPE KIT



18563A 1

Allows exhaust outlets to be mounted below a swim platform. 2 pipes in kit.

Fits V-8 sterndrive models with 4 in. (102 mm) exhaust (s/n 0W309999 and below)

EXHAUST REDUCER KIT



44349A 1

Reduces exhaust hose from 4 in.(102 mm) to 3 in.(76 mm). Straight reducer. 2 reducers in kit.

Fits MIE V-8 engines.

EXHAUST RISER KITS FOR DIESEL ENGINES

Raises the height of the engines exhaust system to prevent water from entering the engine through the exhaust system.

RISER KIT



863330A 2

3 in.(76 mm)

Fits 2001-2009 MCM & CMD 1.7L diesel engines.

8M0049970

RISER KIT



8M0098892

6 in. (127 mm)

Fits MIE 4.2L V8 TDI diesel engines.

EXHAUST RISER KITS (GAS, WET JOINT, 2002 & OLDER)

Raises the height of the engines exhaust system to prevent water from entering the engine through the exhaust system. Maximum height of 9 in.(228 mm). Two different types of exhaust elbows have been used (cast iron and stainless steel). To tell which one you have, look at the elbows mounting bolts. Cast iron elbows use 4 long bolts. Stainless steel elbows use four short 1 in.(25 mm) long bolts. For MCM/MIE 8.1L engines see "Exhaust Elbow/Riser Kits (8.1L) Non-Emissions Ctrl" section.

RISER KIT



93320A14

3 in.(76 mm)

Fits 1997 & older MCM/MIE V-8 engines with stainless steel exhaust elbows.

RISER KIT

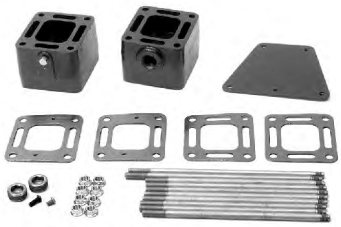


93320A13

3 in. (76 mm)

Fits MCM V-6 carb & TBI engines with 2 piece exhaust manifolds (s/n 0M614999 & below).
Fits MCM/MIE/Tow Sports V-8 (305, 350, 377, 454 & 502 cid) engines with cast iron elbows (s/n 0M299999 & below); MCM V-8 (305 & 350 cid) carb engines (s/n 0M300000-0M599999) and MIE & Tow Sports carb engines (s/n 0M300000-0M316999).

RISER KIT



93320A15

3 in. (76 mm)

Fits 2001-2002 MCM 4.3L MPI (s/n 0M300000-0M614999);
Fits 2001-2002 MCM V-8 (305, 350 & 377 cid) MPI engines (s/n 0M300000-0M599999);
Fits 2001-2002 MIE & Tow Sports V-8 (350 & 377 cid) MPI engines (s/n 0M300000-0M316999)

RISER KIT



807477A 5

6 in.(152 mm)

Fits 1997 & older V-8 with stainless steel exhaust elbows.

RISER KIT



93322A12

6 in. (152 mm)

Fits MCM V-6 carb & TBI engines with 2 piece exhaust manifolds (s/n 0M614999 & below).
Fits MCM/MIE/Tow Sports V-8 (305, 350, 377, 454 & 502 cid) engines with cast iron elbows (s/n 0M299999 & below); MCM V-8 (305 & 350 cid) carb engines (s/n 0M300000-0M599999) and MIE & Tow Sports carb engines (s/n 0M300000-0M316999).

RISER KIT



93322A10

6 in. (152 mm)

Fits 2001-2002 MCM 4.3L MPI (s/n 0M300000-0M614999);
Fits 2001-2002 MCM V-8 (305, 350 & 377 cid) MPI engines (s/n 0M300000-0M599999);
Fits 2001-2002 MIE & Tow Sports V-8 (350 & 377 cid) MPI engines (s/n 0M300000-0M316999)

INTERMEDIATE ELBOW KIT



14801A 1

Only required on sterndrive engines that have the exhaust going through the prop.
Fits MCM V-8 (305, 350 & 377 cid) engines (0W309999 and below)

EXHAUST RISER KITS (GAS, DRY JOINT, SMALL BLOCK, NON-EC, 2002 & NEWER)

Raises the height of the GM V-6 & V-8 small block (non-EC) engines with dry joint exhaust system to prevent water from entering the engine through the exhaust system. Maximum height of 6 in. (152 mm). For MCM/MIE 8.1L & 8.2L (non-EC) engines see "Exhaust Elbow/Riser Kits (8.1L & 8.2L) Non-Emissions Ctrl" section. For EC engines, see the Emissions Control Riser section.
NOTE: For Mercury 4.5L & 6.2L (non-EC) engines see "Exhaust Riser Kits (Gas, Small Block, Emissions Control)" since the 4.5L & 6.2L (non-EC) engines use the same riser kits as the EC engines.

RISER KIT



865995A01

1.7 in. (43 mm) for standard cooling and dry joint exhaust manifolds.
Fits 2004-2016 MCM V-6 & V-8 (305, 350 & 377 cid) non-EC engines (s/n 0W310000 and up) & MIE V-8 (350 & 377 cid) non-EC engines (s/n 0M390000 and up).

RISER KIT



865996A01

1.7 in. (43 mm) for CLOSED COOLING and dry joint exhaust manifolds.
Fits 2004-2016 MCM V-6 & V-8 (305, 350 & 377 cid) non-EC engines (s/n 0W310000 and up) & MIE V-8 (350 & 377 cid) non-EC engines (s/n 0M390000 and up).

RISER KIT



866007A01

1.7 in. (43 mm) for standard cooling and dry joint exhaust manifolds.
Fits Tow Sports V-8 (350 & 377 cid) non-EC engines w/ in-line transmission (s/n 0M390000 and up).

RISER KIT

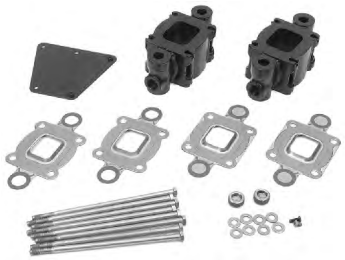


864306A 3

3 in. (76 mm) for standard cooling and dry joint exhaust manifolds.

Fits 2002 MCM V-8 (305, 350 & 377 cid) non-EC engines (s/n 0M600000-0M614999).

RISER KIT

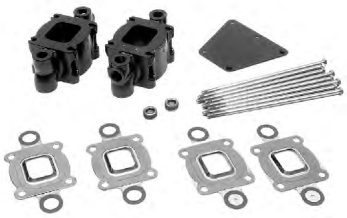


864306A 2

3 in. (76 mm) for CLOSED COOLING and dry joint exhaust manifolds.

Fits 2002 MCM V-8 (305, 350 & 377 cid) non-EC engines (s/n 0M600000-0M614999).

RISER KIT



864306A 5

3 in. (76 mm) for standard cooling and dry joint exhaust manifolds.

Fits 2002 MIE V-8 (350 & 377 cid) non-EC engines (s/n 0M317000-0M389999).

RISER KIT



864306A 4

3 in. (76 mm) for CLOSED COOLING and dry joint exhaust manifolds.

Fits 2002 MIE V-8 (350 & 377 cid) non-EC engines (s/n 0M317000-0M389999).

RISER KIT

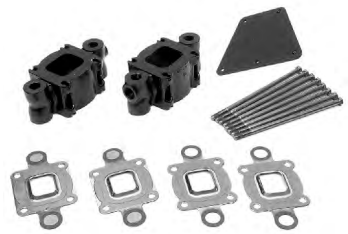


864929A 1

3 in. (76 mm) for standard cooling and dry joint exhaust manifolds.

Fits 2002-2004 MCM V-6 & V-8 (305, 350 & 377 cid) non-EC engines (s/n 0M615000-0W309999).

RISER KIT



864929A 2

3 in. (76 mm) for CLOSED COOLING and dry joint exhaust manifolds.

Fits 2002-2004 MCM V-6 & V-8 (305, 350 & 377 cid) non-EC engines (s/n 0M615000-0W309999).

RISER KIT

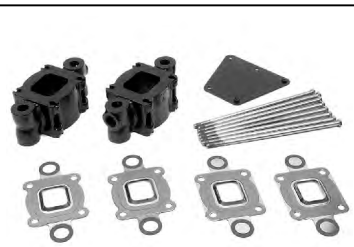


864929A 3

3 in. (76 mm) for standard cooling and dry joint exhaust manifolds.

Fits 2004-2016 MCM V-6 & V-8 (305, 350 & 377 cid) non-EC engines (s/n 0W310000 and up); also fits 2002-2016 MIE V-8 (350 & 377 cid) non-EC engines (s/n 0M390000 and up)

RISER KIT



864929A 4

3 in. (76 mm) for CLOSED COOLING and dry joint exhaust manifolds.

Fits 2004-2016 MCM V-6 & V-8 (305, 350 & 377 cid) non-EC engines (s/n 0W310000 and up); also fits 2002-2016 MIE V-8 (350 & 377 cid) non-EC engines (s/n 0M390000 and up)

RISER KIT



866208A02

4.7 in. (119 mm) for standard cooling and dry joint exhaust manifolds.

Fits 2004-2016 MCM V-6 & V-8 (305, 350 & 377 cid) non-EC engines (s/n 0W310000 and up); also fits 2002-2016 MIE V-8 (350 & 377 cid) non-EC engines (s/n 0M390000 and up)

RISER KIT



866208A03

4.7 in. (119 mm) for CLOSED COOLING and dry joint exhaust manifolds.

Fits 2004-2016 MCM V-6 & V-8 (305, 350 & 377 cid) non-EC engines (s/n 0W310000 and up); also fits 2002-2016 MIE V-8 (350 & 377 cid) non-EC engines (s/n 0M390000 and up)

RISER KIT



864908A 1

6 in. (152 mm) for standard cooling and dry joint exhaust manifolds.

Fits 2004-2016 MCM V-6 (s/n 0W310000 and up); 2002-2016 MCM V-8 (305, 350 & 377 cid) non-EC engines (s/n 0M615000 and up) & MIE V-8 (350 & 377 cid) non-EC engines (s/n 0M390000 and up).

RISER KIT



864908A 2

6 in. (152 mm) for CLOSED COOLING and dry joint exhaust manifolds.

Fits 2004-2016 MCM V-6 (s/n 0W310000 and up); 2002-2016 MCM V-8 (305, 350 & 377 cid) non-EC engines (s/n 0M615000 and up) & MIE V-8 (350 & 377 cid) non-EC engines (s/n 0M390000 and up).

RISER HOSE KIT



32-865022A 1

Used in conjunction with 3 in. (76 mm), 4.7 in. (119 mm) & 6 in. (152 mm) exhaust risers & standard cooling

Fits 2002 and newer MCM 4.3L MPI engines (s/n 0M615000 and up).

RISER HOSE KIT



32-865024A 1

Used in conjunction with 1.7 in.(43 mm) & 3 in. (76 mm) exhaust risers & CLOSED COOLING

Fits 2002 and newer MCM 4.3L engines (s/n 0M615000 and up).

RISER HOSE KIT



32-865027A 1

Used in conjunction with 3 in. (76 mm) exhaust risers & standard cooling

Fits 2002-2016 MCM 4.3L MPI engines with 7 point drain system (s/n 0M615000 and up).

RISER HOSE KIT



32-865029A 1

Used in conjunction with 1.7 in. (43 mm) & 3 in. (76 mm) exhaust risers & CLOSED COOLING

Fits 2002-2016 MCM V-8 (305, 350 & 377 cid) MPI engines (s/n 0M615000 and up) & MIE V-8 (350 & 377 cid) MPI engines (s/n 0M390000 and up)

RISER HOSE KIT



32-**865998A01**

Used in conjunction with 4.7 in. (119 mm) & 6 in. (152 mm) exhaust risers & CLOSED COOLING

Fits 2004-2016 MCM 4.3L MPI engines (s/n 0W310000 thru 2A506375).

RISER HOSE KIT



32-**865033A 1**

Used in conjunction with 4.7 in. (119 mm) & 6 in. (152 mm) exhaust risers & standard cooling

Fits 2002-2016 MCM V-8 (305, 350 & 377 cid) MPI engines with 1 or 3 point drain system (s/n 0M615000 and up).

RISER HOSE KIT



32-**865035A 1**

Used in conjunction with 4.7 in. (119 mm) & 6 in. (152 mm) exhaust risers & standard cooling

Fits 2002-2016 MIE V-8 (350 & 377 cid) MPI engine with in-line transmission (s/n 0M390000 and up).

RISER HOSE KIT



32-**865039A 1**

Used in conjunction with 4.7 in. (119 mm) & 6 in. (152 mm) exhaust risers & CLOSED COOLING

Fits 2002-2016 MCM V-8 (305, 350 & 377 cid) MPI engines (s/n 0M615000 and up) & MIE V-8 (350 & 377 cid) MPI engines with in-line transmission (s/n 0M390000 and up).

RISER HOSE KIT



32-**865041A 1**

Used in conjunction with 4.7 in. (119 mm) & 6 in. (152 mm) exhaust risers & CLOSED COOLING

Fits 2002-2016 MIE V-8 (350 & 377 cid) MPI engines with V-drive transmission (s/n 0M390000 and up).

RISER HOSE KIT



32-**865043A 1**

Used in conjunction with 1.7 in. (43 mm), 3 in. (76 mm), 4.7 in. (119 mm) & 6 in. (152 mm) exhaust risers & standard cooling

Fits 2002-2016 MIE V-8 (350 cid) carb engines with V-drive transmission (s/n 0M390000 and up).

INTERMEDIATE ELBOW KIT



866000A01

Only required on sterndrive engines that have the exhaust going through the prop.

Fits MCM V-6 with 1.7 in. (43 mm) risers (s/n 0W310000 and up)

INTERMEDIATE ELBOW KIT



866001A01

Only required on sterndrive engines that have the exhaust going through the prop.

Fits MCM V-6 with 3 in. (76 mm) risers (s/n 0W310000 and up)

INTERMEDIATE ELBOW KIT



865949A01

Only required on sterndrive engines that have the exhaust going through the prop. Fits MCM V-6 with 4.7 in. (119 mm) risers (s/n 0W310000 and up)

INTERMEDIATE ELBOW KIT



866002A01

Only required on sterndrive engines that have the exhaust going through the prop. Fits MCM V-6 with 6 in. (152 mm) risers (s/n 0W310000 and up)

INTERMEDIATE ELBOW KIT



14801A 1

Only required on sterndrive engines that have the exhaust going through the prop. Fits MCM V-8 (305, 350 & 377 cid) engines (0W309999 and below)

INTERMEDIATE ELBOW KIT



866003A01

Only required on sterndrive engines that have the exhaust going through the prop. Fits MCM V-8 (305, 350 & 377 cid) engines with 1.7 in. (43 mm) risers (s/n 0W310000 and up)

INTERMEDIATE ELBOW KIT



866004A01

Only required on sterndrive engines that have the exhaust going through the prop. Fits MCM V-8 (305, 350 & 377 cid) engines with 3 in. (76 mm) risers (s/n 0W310000 and up)

INTERMEDIATE ELBOW KIT



866209A01

Only required on sterndrive engines that have the exhaust going through the prop. Fits MCM V-8 (305, 350 & 377 cid) engines with 4.7 in. (119 mm) risers (s/n 0W310000 and up)

INTERMEDIATE ELBOW KIT



866005A01

Only required on sterndrive engines that have the exhaust going through the prop. Fits MCM V-8 (305, 350 & 377 cid) engines with 6 in. (152 mm) risers (s/n 0W310000 and up)

DROP DOWN BRACKET



863714T01

Used in conjunction with the 1.7 in. (43 mm) riser kits to relocate the shift plate to a lower position. Bracket is only necessary when boat hull design interferes with shift cable routing.

EXHAUST ELBOW/RISER KITS (8.1L & 8.2L, NON-EC, 2001 & NEWER)

Raises the height of the engines exhaust system to prevent water from entering the engine through the exhaust system. Maximum height of 8 in.(203 mm) available. For use on MCM/MIE 8.1L & 8.2L Non-Emissions Control engines only.

EXHAUST ELBOW KIT - 2 IN.(51 MM)



862974A05

This elbow is 2 in.(51 mm) higher than the standard elbow. This replaces what was the 3 in.(76 mm) riser kit used on previous big block engines.

Fits MCM/MIE 8.1L & 8.2L non-EC engines

RISER KIT - 6 IN.(152 MM)



98-**8M0124068**

This riser will raise the elbow an additional 6 in.(152 mm). If the engine has a 2 in.(51 mm) elbow already on engine, but only needs an additional 4 in.(102 mm) rise, this kit will not work. Order 862354A 1 Exh. Elbow/Riser kit instead.

Fits MCM/MIE 8.1L & 8.2L non-EC engines

EXHAUST ELBOW/RISER KIT - 6 IN.(152 MM)



98-**8M0124070**

Order this kit if the engine has a 2 in.(51 mm) elbow already installed on it, but only needs an additional 4 in.(102 mm) rise. The 2 in.(51 mm) elbow is removed and replaced with the standard rise elbows and a 6 in.(152 mm) riser kit which are included in kit.

Fits MCM/MIE 8.1L & 8.2L non-EC engines

EXHAUST ELBOW/RISER KIT - 8 IN.(203 MM)



98-**8M0124069**

If the engine has a standard rise elbow already on engine and needs another 8 in.(203 mm) rise, order this kit. The standard rise elbow is removed and replaced with a 2 in.(51 mm) rise elbow and a 6 in.(152 mm) riser kit which are included in this kit.

Fits MCM/MIE 8.1L & 8.2L non-EC engines

EXHAUST "Y" PIPE KIT



98-**8M0117125**

Used to convert MCM 8.1L & 8.2L engines with thru transom exhaust to thru prop exhaust.
Also requires the use of intermediate elbow kit in conjunction with this "Y" Pipe Kit. For 8.1L & 8.2L non-Emissions Control engines, use 44267A02 or A03. For 8.1L Emissions Control engines, use 44267A04, A05, A06, A07 or A08. For 8.2L Emissions Control engines with three catalyst exhaust manifolds, use 879288A12, A13, A14, A15 or A16.

Fits all MCM 8.1L & 8.2L sterndrive engines, except 2012 & newer 8.2L EC engines with single catalyst exhaust manifolds.

INTERMEDIATE ELBOW KIT



44267A02

Used in conjunction with Exhaust "Y" Pipe kit 8M0117125 to convert engine to thru prop exhaust.

Fits MCM 8.1L & 8.2L non-EC sterndrive engines with exhaust risers 2 in. (51 mm) to 8 in. (203 mm) high.

INTERMEDIATE ELBOW KIT



44267A03

Used in conjunction with Exhaust "Y" Pipe kit 8M0117125 to convert engine to thru prop exhaust.

Fits MCM 8.1L & 8.2L non-EC sterndrive engines w/o exhaust risers and w/ exhaust risers up to 2 in. (51 mm) high.

EXHAUST ELBOW KIT



879288T83

Design II

This elbow is 6 in.(152 mm) higher than the standard elbow.

Fits MCM 8.2L EC engines with three catalyst exhaust manifolds (s/n 1A350340-2A41664); also fits MCM/MIE 8.1L EC engines

EXHAUST RISER CHART - GASOLINE ENGINE (NON-EC ENGINES)

1.7 in. (43 mm) Exhaust Risers-Gasoline Engines

Engine Model	Model Note	Year Range	Serial # Range	1.7 in.(43 mm) Riser Kit	Hose Kit	Intermediate Elbow Kit
	MCM STERNDRIVE MODELS					
MCM V-6 (262 cid)	Engines with standard cooling	2004 - 2016	0W310000 - 2A506375	865995A01(2)	(1)	866000A01(3)
MCM V-6 (262 cid)	Engines with closed cooling	2004 - 2016	0W310000 - 2A506375	865996A01(2)	32-865024A 1	866000A01(3)
MCM V-8 (305, 350 & 377 cid)	Engines with standard cooling	2004 - 2015	0W310000 - 2A455872	865995A01(2)	(1)	866003A01(3)
MCM V-8 (305 & 350 cid)	Carb engines with closed cooling	2004 - 2009	0W310000 - 1A607561	865996A01(2)	(1)	866003A01(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines with closed cooling	2004 - 2015	0W310000 - 2A455872	865996A01(2)	32-865029A 1	866003A01(3)
	MIE INBOARD MODELS					
MIE V-8 (350 cid)	Carb engines with standard cooling (in-line)	2002 - 2010	0M390000 - 1A092388	865995A01	(1)	(1)
MIE V-8 (350 cid)	Carb engines with standard cooling (V-drive)	2002 - 2010	0M390000 - 1A092388	865995A01	32-865043A 1	(1)
MIE V-8 (350 cid)	Carb engines with closed cooling	2002 - 2010	0M390000 - 1A092388	865996A01	(1)	(1)
MIE V-8 (350 & 377 cid)	MPI engines with standard cooling	2002 - 2015	0M390000 - 2A455523	865995A01	32-865029A 1	(1)
MIE V-8 (350 & 377 cid)	MPI engines with closed cooling	2002 - 2015	0M390000 - 2A455523	865996A01	32-865029A 1	(1)
	MIE TOW SPORTS MODELS					
SKI V-8 (350 & 377 cid)	MPI engines	2002 - 2015	0M390000 - 2A460138	866007A01	(1)	(1)

(1) Kit not required

(2) Additional kit(s) listed are only required upon initial installation of a riser kit. If replacing existing risers, additional kit(s) listed are not required.

(3) Installation kit is only required on sterndrive engines that have the exhaust going thru the propeller.

3 in. (76 mm) Exhaust Risers-Gasoline Engines

Engine Model	Model Note	Year Range	Serial # Range	3 in.(76 mm) Riser Kit	Hose Kit	Intermediate Elbow Kit
	MCM STERNDRIVE MODELS					
MCM 4 cyl. (153 cid)		1983 - 1989	6229718 - 0C853255	N.L.A.	(6)	N.L.A.
MCM 4 cyl. (181 cid)		1983 - 1989	6229718 - 0C853255	N.L.A.	(6)	N.L.A.
MCM 4 cyl. (181 cid)		1990 - 2016	0C856559 - 2A506300	(5)	N/A	N/A
MCM V-6 (229 cid)		1983 - 1984	6330183 - 6919655	93320A13(1)	(6)	N.L.A.(3)
MCM V-6 (262 cid)		1985 - 1986	0A331455 - 0B527954	93320A13(1)	(6)	N.L.A.(3)
MCM V-6 (262 cid)		1987 - 2001	0B527955 - 0M299999	93320A13(1)(4)(7)	(6)	NLA(3)
MCM V-6 (262 cid)	Carb engines	2002	0M300000 - 0M614999	93320A13(7)	(6)	NLA(3)

Engine Model	Model Note	Year Range	Serial # Range	3 in.(76 mm) Riser Kit	Hose Kit	Intermediate Elbow Kit
MCM V-6 (262 cid)	Carb engines with standard cooling	2002 - 2004	0M615000 - 0W309999	864929A 1(7)	(6)	NLA(3)
MCM V-6 (262 cid)	Carb engines with standard cooling	2004 - 2015	0W310000 - 2A454127	864929A 3(7)	(6)	866001A01(3)
MCM V-6 (262 cid)	Carb engines with closed cooling	2004	0W000000 - 0W309999	864929A 2(7)	32-865024A 1	NLA(3)
MCM V-6 (262 cid)	Carb engines with closed cooling	2004 - 2015	0W310000 - 2A454127	864929A 4(7)	32-865024A 1	866001A01(3)
MCM V-6 (262 cid)	MPI engines	2002	0M300000 - 0M614999	93320A15(7)	(6)	NLA(3)
MCM V-6 (262 cid)	MPI engines w/ standard cooling (1 & 3 point drain	2002 - 2004	0M615000 - 0W309999	864929A 1(7)	32-865022A 1	NLA(3)
MCM V-6 (262 cid)	MPI engines w/ standard cooling (1 & 3 point drain	2004 - 2016	0W310000 - 2A506375	864929A 3(7)	32-865022A 1	866001A01(3)
MCM V-6 (262 cid)	MPI engines with standard cooling (7 point drain)	2002 - 2004	0M615000 - 0W309999	864929A 1(7)	32-865027A 1	NLA(3)
MCM V-6 (262 cid)	MPI engines with standard cooling (7 point drain)	2004 - 2016	0W310000 - 2A506375	864929A 3(7)	32-865027A 1	866001A01(3)
MCM V-6 (262 cid)	MPI engines with closed cooling	2002 - 2004	0M615000 - 0W309999	864929A 2(7)	32-865024A 1	NLA(3)
MCM V-6 (262 cid)	MPI engines with closed cooling	2004 - 2016	0W310000 - 2A506375	864929A 4(7)	32-865024A 1	866001A01(3)
MCM V-8 (305 & 350 cid)		1981 - 1984	5907058 - 0B525981	93320A13(1)	(6)	N.L.A.(3)
MCM V-8 (305 & 350 cid)	Cast iron exhaust elbows	1985 - 2001	0B525982 - 0M299999	93320A13(1)(7)	(6)	14801A 1(3)
MCM V-8 (305 & 350 cid)	Stainless steel exhaust elbows	1991 - 1997	0D445800 - 0K999999	93320A14(1)(7)	(6)	14801A 1(3)
MCM V-8 (305 & 350 cid)	Carb engines	2002	0M300000 - 0M599999	93320A13(7)	(6)	14801A 1(3)
MCM V-8 (305 & 350 cid)	Carb engines with standard cooling	2002	0M600000 - 0M614999	864306A 3(7)	(6)	14801A 1(3)
MCM V-8 (305 & 350 cid)	Carb engines with standard cooling	2002 - 2004	0M615000 - 0W309999	864929A 1(7)	(6)	14801A 1(3)
MCM V-8 (305 & 350 cid)	Carb engines with standard cooling	2004 - 2009	0W310000 - 1A607561	864929A 3(3)	(6)	866004A01(3)
MCM V-8 (305 & 350 cid)	Carb engines with closed cooling	2002	0M600000 - 0M614999	864306A 2(7)	(6)	14801A 1(3)
MCM V-8 (305 & 350 cid)	Carb engines with closed cooling	2002 - 2004	0M615000 - 0W309999	864929A 2(7)	(6)	14801A 1(3)
MCM V-8 (305 & 350 cid)	Carb engines with closed cooling	2004 - 2009	0W310000 - 1A607561	864929A 4(7)	(6)	866004A01(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines	2002	0M300000 - 0M599999	93320A15(7)	(6)	14801A 1(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines with standard cooling	2002	0M600000 - 0M614999	864306A 3(7)	(6)	14801A 1(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines with standard cooling	2002 - 2004	0M615000 - 0W309999	864929A 1(7)	(6)	14801A 1(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines with standard cooling	2004 - 2015	0W310000 - 2A455872	864929A 3(7)	(6)	866004A01(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines with closed cooling	2002	0M600000 - 0M614999	864306A 2(7)	(6)	14801A 1(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines with closed cooling	2002 - 2004	0M615000 - 0W309999	864929A 2(7)	32-865029A 1	14801A 1(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines with closed cooling	2004 - 2015	0W310000 - 2A455872	864929A 4(7)	32-865029A 1	866004A01(3)
MCM V-8 (454 cid)	TR/TRS drive	1982 - 1989	6083145 and up	93320A13(1)	(6)	N.L.A.
MCM V-8 (454 or 502 cid)	Cast iron exhaust elbows	1981 - 2002	5889914 and up	93320A13(1)(7)	(6)	N.L.A.(3)
MCM V-8 (454 or 502 cid)	Stainless steel exhaust elbows	1991 - 1997	0D445800 - 0K999999	93320A14(1)(7)	(6)	N.L.A.(3)
	MIE INBOARD MODELS					
MIE V-8 (305 & 350 cid)		1981 - 1988	5907058 - 0C396832	93320A13(1)	(6)	(6)
MIE V-8 (350 cid)		1989 - 2001	0C396833 - 0M299999	93320A13(1)	(6)	(6)
MIE V-8 (350 cid)	Carb engines	2002	0M300000 - 0M316999	93320A13	(6)	(6)
MIE V-8 (350 cid)	Carb engines with standard cooling	2002	0M317000 - 0M389999	864306A 5	(6)	(6)
MIE V-8 (350 cid)	Carb engines with standard cooling (in-line)	2002 - 2023	0M390000 and up	864929A 3	(6)	(6)
MIE V-8 (350 cid)	Carb engines with standard cooling (V-drive)	2002 - 2023	0M390000 and up	864929A 3(7)	32-865043A 1	(6)
MIE V-8 (350 cid)	Carb engines with closed cooling	2002	0M317000 - 0M389999	864306A 4	(6)	(6)
MIE V-8 (350 cid)	Carb engines with closed cooling	2002 - 2010	0M390000 - 1A092388	864929A 4	(6)	(6)
MIE V-8 (350 & 377 cid)	MPI engines	2002	0M300000 - 0M316999	93320A15	(6)	(6)
MIE V-8 (350 & 377 cid)	MPI engines with standard cooling	2002	0M317000 - 0M389999	864306A 5	(6)	(6)
MIE V-8 (350 & 377 cid)	MPI engines with standard cooling	2002 - 2015	0M390000 - 2A455523	864929A 3	(6)	(6)
MIE V-8 (350 & 377 cid)	MPI engines with closed cooling	2002	0M317000 - 0M389999	864306A 4	(6)	(6)
MIE V-8 (350 & 377 cid)	MPI engines with closed cooling	2002 - 2015	0M390000 - 2A455523	864929A 4(7)	32-865029A 1	(6)
MIE V-8 (454 or 502 cid)	Cast iron exhaust elbows	1981 - 2002	5889914 and up	93320A13(1)	(6)	(6)
MIE V-8 (454 or 502 cid)	Stainless steel exhaust elbows	1991 - 1997	0D445800 - 0K999999	93320A14(1)	(6)	(6)
	MIE TOW SPORTS MODELS					
SKI V-8 (350 cid)		1985 - 1984	0A338553 - 0B525981	93320A13(1)	(6)	(6)

Engine Model	Model Note	Year Range	Serial # Range	3 in.(76 mm) Riser Kit	Hose Kit	Intermediate Elbow Kit
SKI V-8 (350 & 377cid)		1985 - 2001	0B525982 - 0M299999	93320A13(1)	(6)	(6)
SKI V-8 (350 cid)	Carb engines	2002	0M300000 - 0M316999	93320A13	(6)	(6)
SKI V-8 (350 cid)	Carb engines	2002 - 2011	0M317000 - 1A092837	(5)	N/A	N/A
SKI V-8 (350 & 377 cid)	MPI engines	2002	0M300000 - 0M316999	93320A15	(6)	(6)
SKI V-8 (350 & 377 cid)	MPI engines	2002 - 2015	0M317000 - 2A460138	(5)	N/A	N/A

(1) If riser is going on a 1997 and older engine, that has the exhaust manifolds in the closed cooling system, also order 2 pcs. of 27-860231 separator gaskets to go between the manifold and risers.

(3) Installation Kit is only required on sterndrive engines that have the exhaust going thru the propeller.

(4) Will not fit MCM V-6 engines with the 1 pc exhaust manifold.

(5) No kit available

(6) Kit not required

(7) Additional kit(s) listed are only required upon initial installation of a riser kit. If replacing existing risers, additional kit(s) listed are not required.

4.7 in. (119 mm) Exhaust Risers-Gasoline Engines

Engine Model	Model Note	Year Range	Serial # Range	4.7 in.(119 mm) Riser Kit	Hose Kit	Intermediate Elbow Kit
	MCM STERNDRIVE MODELS					
MCM V-6 (262 cid)	Carb engines with standard cooling	2004 - 2015	0W310000 - 2A454127	866208A02(3)	(2)	865949A01(4)
MCM V-6 (262 cid)	Carb engines with closed cooling	2004 - 2015	0W310000 - 2A454127	866208A03(3)	(2)	865949A01(4)
MCM V-6 (262 cid)	MPI engines with standard cooling (7 point drain)	2004 - 2016	0W310000 - 2A506375	866208A02(3)	32-865022A 1	865949A01(4)
MCM V-6 (262 cid)	MPI engines with closed cooling	2004 - 2016	0W310000 - 2A506375	866208A03(3)	32-865998A01	865949A01(4)
MCM V-8 (305 & 350 cid)	Carb engines with standard cooling	2004 - 2009	0W310000 - 1A607561	866208A02(3)	(2)	866209A01(4)
MCM V-8 (305 & 350 cid)	Carb engines with closed cooling	2004 - 2009	0W310000 - 1A607561	866208A03(3)	32-865039A 1	866209A01(4)
MCM V-8 (305, 350 & 377 cid)	MPI engines w/ standard cooling 1 & 3 point drain)	2004 - 2015	0W310000 - 2A455872	866208A02(3)	32-865033A 1	866209A01(4)
MCM V-8 (305, 350 & 377 cid)	MPI engines with standard cooling (7 point drain)	2004 - 2015	0W310000 - 2A455872	866208A02(3)	(2)	866209A01(4)
MCM V-8 (305, 350 & 377 cid)	MPI engines with closed cooling	2004 - 2015	0W310000 - 2A455872	866208A03(3)	32-865039A 1	866209A01(4)
	MIE INBOARD MODELS					
MIE V-8 (350 cid)	Carb engines with standard cooling (in-line)	2002 - 2010	0M390000 - 1A092388	866208A02	(2)	(2)
MIE V-8 (350 cid)	Carb engines with standard cooling (V-drive)	2002 - 2010	0M390000 - 1A092388	866208A02(3)	32-865043A 1	(2)
MIE V-8 (350 cid)	Carb engines with closed cooling	2002 - 2010	0M390000 - 1A092388	866208A03(3)	32-865039A 1	(2)
MIE V-8 (350 & 377 cid)	MPI engines with standard cooling (in-line)	2002 - 2015	0M390000 - 2A455523	866208A02(3)	32-865035A 1	(2)
MIE V-8 (350 & 377 cid)	MPI engines with standard cooling (V-drive)	2002 - 2015	0M390000 - 2A455523	866208A02(3)	N.L.A.	(2)
MIE V-8 (350 & 377 cid)	MPI engines with closed cooling (in-line)	2002 - 2015	0M390000 - 2A455523	866208A03(3)	32-865039A 1	(2)
MIE V-8 (350 & 377 cid)	MPI engines with closed cooling (V-drive)	2002 - 2015	0M390000 - 2A455523	866208A03(3)	32-865041A 1	(2)
	MIE TOW SPORTS MODELS					
SKI V-8 (350 & 377 cid)	MPI engines	2002 - 2015	0M390000 - 2A460138	(1)	N/A	N/A

(1) No kit available

(2) Kit not required

(3) Additional kit(s) listed are only required upon initial installation of a riser kit. If replacing existing risers, additional kit(s) listed are not required.

(4) Installation kit is only required on sterndrive engines that have the exhaust going thru the propeller.

6 in. (152 mm) Exhaust Risers-Gasoline Engines

Engine Model	Model Note	Year Range	Serial # Range	6 in.(152 mm) Riser Kit	Hose Kit	Intermediate Elbow Kit
	MCM STERNDRIVE MODELS					
MCM 4 cyl. (153 cid)		1983 - 1989	6229718 - 0C853255	N.L.A.	(6)	N.L.A.
MCM 4 cyl. (181 cid)		1983 - 1989	6229718 - 0C853255	N.L.A.	(6)	N.L.A.
MCM 4 cyl. (181 cid)		1990 - 2016	0C856559 - 2A506300	(5)	N/A	N/A
MCM V-6 (229 cid)		1983 - 1984	6330183 - 6919655	93322A12(1)(2)	(6)	N.L.A.(3)
MCM V-6 (262 cid)		1985 - 1986	0A331455 - 0B527954	93322A12(1)(2)	(6)	N.L.A.(3)

Engine Model	Model Note	Year Range	Serial # Range	6 in.(152 mm) Riser Kit	Hose Kit	Intermediate Elbow Kit
MCM V-6 (262 cid)		1987 - 2001	0B527955 - 0M299999	93322A12(1)(2)(4)	(6)	N.L.A.(3)
MCM V-6 (262 cid)	Carb engines	2002	0M300000 - 0M614999	93322A12(7)	(6)	N.L.A.(3)
MCM V-6 (262 cid)	Carb engines with standard cooling	2002 - 2004	0M615000 - 0W309999	(5)	N/A	N/A
MCM V-6 (262 cid)	Carb engines with standard cooling	2004 - 2015	0W310000 - 2A454127	864908A 1(7)	(6)	866002A01(3)
MCM V-6 (262 cid)	Carb engines with closed cooling	2004	0W000000 - 0W309999	(5)	N/A	N/A
MCM V-6 (262 cid)	Carb engines with closed cooling	2004 - 2015	0W310000 - 2A454127	864908A 2(8)	(6)	866002A01(3)
MCM V-6 (262 cid)	MPI engines	2002	0M300000 - 0M614999	93322A10(7)	(6)	N.L.A.(3)
MCM V-6 (262 cid)	MPI engines with standard cooling	2002 - 2004	0M615000 - 0W309999	(5)	N/A	N/A
MCM V-6 (262 cid)	MPI engines with standard cooling	2004 - 2016	0W310000 - 2A506375	864908A 1(7)	32-865022A 1	866002A01(3)
MCM V-6 (262 cid)	MPI engines with closed cooling	2002 - 2004	0M615000 - 0W309999	(5)	N/A	N/A
MCM V-6 (262 cid)	MPI engines with closed cooling	2004 - 2016	0W310000 - 2A506375	864908A 2(7)	32-865998A01	866002A01(3)
MCM V-8 (305 & 350 cid)		1981 - 1984	5907058 - 0B525981	93322A12(1)(2)	(6)	N.L.A.(3)
MCM V-8 (305 & 350 cid)	Cast iron exhaust elbows	1985 - 2001	0B525982 - 0M299999	93322A12(1)(2)(7)	(6)	14801A 1(3)
MCM V-8 (305 & 350 cid)	Stainless steel exhaust elbows	1991 - 1997	0D445800 - 0K999999	807477A 5(1)(2)(7)	(6)	14801A 1(3)
MCM V-8 (305 & 350 cid)	Carb engines	2002	0M300000 - 0M599999	93322A12(7)	(6)	14801A 1(3)
MCM V-8 (305 & 350 cid)	Carb engines with standard cooling	2002	0M600000 - 0M614999	N.L.A.(7)	(6)	14801A 1(3)
MCM V-8 (305 & 350 cid)	Carb engines with standard cooling	2002 - 2004	0M615000 - 0W309999	864908A 1(7)	(6)	14801A 1(3)
MCM V-8 (305 & 350 cid)	Carb engines with standard cooling	2004 - 2009	0W310000 - 1A607561	864908A 1(7)	(6)	866005A01(3)
MCM V-8 (305 & 350 cid)	Carb engines with closed cooling	2002	0M600000 - 0M614999	N.L.A.(7)	32-865039A 1	14801A 1(3)
MCM V-8 (305 & 350 cid)	Carb engines with closed cooling	2002 - 2004	0M615000 - 0W309999	864908A 2(7)	32-865039A 1	14801A 1(3)
MCM V-8 (305 & 350 cid)	Carb engines with closed cooling	2004 - 2009	OW310000 - 1A607561	864908A 2(7)	32-865039A 1	866005A01(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines	2002	0M300000 - 0M599999	93322A10(7)	(6)	14801A 1(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines with standard cooling	2002	0M600000 - 0M614999	N.L.A.(7)	(6)	14801A 1(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines w/ standard cooling (1 & 3 point drain	2002 - 2004	0M615000 - 0W309999	864908A 1(7)	32-865033A 1	14801A 1(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines w/ standard cooling (1 & 3 point drain	2004 - 2015	0W310000 - 2A455872	864908A 1(7)	32-865033A 1	866005A01(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines with standard cooling (7 point drain)	2002 - 2004	0M615000 - 0W309999	864908A 1(7)	(6)	14801A 1(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines with standard cooling (7 point drain)	2004 - 2015	0W310000 - 2A455872	864908A 1(7)	(6)	866005A01(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines with closed cooling	2002	0M600000 - 0M614999	N.L.A.(7)(8)	(6)	14801A 1(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines with closed cooling	2002 - 2004	0M615000 - 0W309999	864908A 2(7)	32-865039A 1	14801A 1(3)
MCM V-8 (305, 350 & 377 cid)	MPI engines with closed cooling	2004 - 2015	0W310000 - 2A455872	864908A 2(7)	32-865039A 1	866005A01(3)
MCM V-8 (454 cid)	TR/TRS drive	1982 - 1989	6083145 and up	93322A12(1)(2)	(6)	N.L.A.
MCM V-8 (454 or 502 cid)	Cast iron exhaust elbows	1981 - 2002	5889914 and up	93322A12(1)(2)(7)	(6)	N.L.A.(3)
MCM V-8 (454 or 502 cid)	Stainless steel exhaust elbows	1991 - 1997	0D445800 - 0K999999	807477A 5(1)(2)(7)	(6)	N.L.A.(3)
	MIE INBOARD MODELS					
MIE V-8 (305 & 350 cid)		1981 - 1988	5907058 - 0C396832	93322A12(1)(2)	(6)	(6)
MIE V-8 (350 cid)		1989 - 2001	0C396833 - 0M299999	93322A12(1)(2)	(6)	(6)
MIE V-8 (350 cid)	Carb engines	2002	0M300000 - 0M316999	93322A12	(6)	(6)
MIE V-8 (350 cid)	Carb engines with standard cooling	2002	0M317000 - 0M389999	N.L.A.	(6)	(6)
MIE V-8 (350 cid)	Carb engines with standard cooling (in-line)	2002 - 2010	0M390000 - 1A092388	864908A 1	(6)	(6)
MIE V-8 (350 cid)	Carb engines with standard cooling (V-drive)	2002 - 2010	0M390000 - 1A092388	864908A 1(7)	32-865043A 1	(6)
MIE V-8 (350 cid)	Carb engines with closed cooling	2002	0M317000 - 0M389999	N.L.A.(7)	32-865039A 1	(6)
MIE V-8 (350 cid)	Carb engines with closed cooling	2002 - 2010	0M390000 - 1A092388	864908A 2(7)	32-865039A 1	(6)
MIE V-8 (350 & 377 cid)	MPI engines	2002	0M300000 - 0M316999	93322A10	(6)	(6)
MIE V-8 (350 & 377 cid)	MPI engines with standard cooling	2002	0M317000 - 0M389999	N.L.A.	(6)	(6)
MIE V-8 (350 & 377 cid)	MPI engines with standard cooling (in-line)	2002 - 2015	0M390000 - 2A455523	864908A 1(7)	32-865035A 1	(6)
MIE V-8 (350 & 377 cid)	MPI engines with standard cooling (V-drive)	2002 - 2015	0M390000 - 2A455523	864908A 1(7)	N.L.A.	(6)
MIE V-8 (350 & 377 cid)	MPI engines with closed cooling	2002	0M317000 - 0M389999	N.L.A.(8)	(6)	(6)
MIE V-8 (350 & 377 cid)	MPI engines with closed cooling (in-line)	2002 - 2015	0M390000 - 2A455523	864908A 2(7)	32-865039A 1	(6)
MIE V-8 (350 & 377 cid)	MPI engines with closed cooling (V-drive)	2002 - 2015	0M390000 - 2A455523	864908A 2(7)	32-865041A 1	(6)
MIE V-8 (454 or 502 cid)	Cast iron exhaust elbows	1981 - 2002	5889914 and up	93322A12(1)(2)	(6)	(6)

Engine Model	Model Note	Year Range	Serial # Range	6 in.(152 mm) Riser Kit	Hose Kit	Intermediate Elbow Kit
MIE V-8 (454 or 502 cid)	Stainless steel exhaust elbows	1991 - 1997	0D445800 - 0K999999	807477A 5(1)(2)	(6)	(6)
	MIE TOW SPORTS MODELS					
SKI V-8 (350 cid)		1985 - 1984	0A338553 - 0B525981	93322A12(1)(2)	(6)	(6)
SKI V-8 (350 & 377cid)		1985 - 2001	0B525982 - 0M299999	93322A12(1)(2)	(6)	(6)
SKI V-8 (350 cid)	Carb engines	2002	0M300000 - 0M316999	93322A12	(6)	(6)
SKI V-8 (350 cid)	Carb engines	2002 - 2011	0M317000 - 1A092837	(5)	N/A	N/A
SKI V-8 (350 & 377 cid)	MPI engines	2002	0M300000 - 0M316999	93322A10	(6)	(6)
SKI V-8 (350 & 377 cid)	MPI engines	2002 - 2015	0M317000 - 2A460138	(5)	N/A	N/A

(1) If riser is going on a 1997 and older engine, that has the exhaust manifolds in the closed cooling system, also order 2 pcs. of 27-860231 separator gaskets to go between the manifold and risers.

(2) If engine has a remote oil filter, an Oil Filter Hose Extension Kit or Oil Filter Bracket may be required.

(3) Installation Kit is only required on sterndrive engines that have the exhaust going thru the propeller.

(4) Will not fit MCM V-6 engines with the 1 pc exhaust manifold.

(5) No kit available

(6) Kit not required

(7) Additional kit(s) listed are only required upon initial installation of a riser kit. If replacing existing risers, additional kit(s) listed are not required.

(8) If engine had a Quicksilver closed cooling kit installed, it will be necessary to order a warm riser kit, p/n 864908A 2, instead of the one listed. Warm risers will have the water hose fitting located on the upper part of the riser, close to the exhaust e

EXHAUST RISER KITS (GAS, SMALL BLOCK, EMISSIONS CONTROL)

Raises the height of the V-6 & V-8 small block EC engines exhaust system to prevent water from entering the engine through the exhaust system. Maximum height of 8 in.(203 mm). For MCM/MIE 8.1L & 8.2L EC engines see "Exhaust Elbow Riser Kits (8.1L) Emissions Control" section or "Exhaust Elbow Riser Kits (8.2L) Emissions Control" section.

RISER KIT



8M0153670

2 in. (51 mm) for Emissions Control exhaust, hot dipped and top coated
Fits 2008 and newer MCM/MIE/Ski V-6 (4.3L & 4.5L) & V-8 (305, 350 & 377 cid) EC engines. Also fits 4.5L V-6 & 6.2L (Mercury) non-EC engines.
Note: This kit does NOT include elbow gaskets for FWC engines. The FWC elbow gaskets 27-8M2004606 will need to be ordered separately

RISER KIT



8M0153671

4 in. (102 mm) for Emissions Control exhaust, hot dipped and top coated
Fits 2008 and newer MCM/MIE/Ski V-6 (4.3L & 4.5L) & V-8 (305, 350 & 377 cid) EC engines. Also fits 4.5L V-6 & 6.2L (Mercury) non-EC engines.
Note: This kit does NOT include elbow gaskets for FWC engines. The FWC elbow gaskets 27-8M2004606 will need to be ordered separately

RISER KIT



8M0153486

6 in. (152 mm) for Emissions Control exhaust, hot dipped and top coated
Fits 2008 and newer MCM/MIE/Ski V-6 (4.3L & 4.5L) & V-8 (305, 350 & 377 cid) EC engines. Also fits 4.5L V-6 & 6.2L (Mercury) non-EC engines.
Note: This kit does NOT include elbow gaskets for FWC engines. The FWC elbow gaskets 27-8M2004606 will need to be ordered separately

INTERMEDIATE ELBOW KIT



879288A35

Only required on sterndrive engines that have the exhaust going through the prop.
Fits MCM V-6 (4.3L & 4.5L) & V-8 (305, 350 & 377 cid) EC engines with 2 in. (51 mm) risers. Also fits 4.5L V-6 & 6.2L (Mercury) non-EC engines.

INTERMEDIATE ELBOW KIT



879288A36

Only required on sterndrive engines that have the exhaust going through the prop.
Fits MCM V-6 (4.3L & 4.5L) & V-8 (305, 350 & 377 cid) EC engines with 4 in. (102 mm) risers. Also fits 4.5L V-6 & 6.2L (Mercury) non-EC engines.

INTERMEDIATE ELBOW KIT



879288A37

Only required on sterndrive engines that have the exhaust going through the prop.
Fits MCM V-6 (4.3L & 4.5L) & V-8 (305, 350 & 377 cid) EC engines with 6 in. (152 mm) risers. Also fits 4.5L V-6 & 6.2L (Mercury) non-EC engines.

INTERMEDIATE ELBOW KIT



879288A38

Only required on sterndrive engines that have the exhaust going through the prop.
Fits MCM V-8 (305, 350 & 377 cid) EC engines with 8 in. (203 mm) risers.

HOSE KIT



32-**8M0051174**

Supplemental hose kit required for closed cooling engines.
Fits 2011-2016 MCM 4.3L MPI EC engines w/ 2 in.(51 mm) risers

HOSE KIT



32-**8M0051175**

Supplemental hose kit required for closed cooling engines.
Fits 2011-2016 MCM 4.3L MPI EC engines w/ 4 in.(102 mm) risers

HOSE KIT



32-**8M0051176**

Supplemental hose kit required for closed cooling engines.
Fits 2011-2016 MCM 4.3L MPI EC engines w/ 6 in.(152 mm) risers

HOSE KIT



8M0096701

Supplemental hose kit required for standard cooling engines.
Fits 2014 & newer MCM 4.5L V6 EC & non-EC engines w/ 6 in.(152 mm) risers

HOSE KIT



8M0089504

Supplemental hose kit required for closed cooling engines.
Fits 2014 & newer MCM 4.5L V6 EC & non-EC engines w/ 6 in.(152 mm) risers

EXHAUST ELBOW RISER KITS (8.1L) EMISSIONS CONTROL

Raises the height of the engines exhaust system to prevent water from entering the engine through the exhaust system. Maximum height of 8 in.(203 mm) available. For use on MCM/MIE 8.1L Emissions Control engines only.

EXHAUST ELBOW KIT



8M0062051

This elbow is 2 in.(51 mm) higher than the standard elbow.

Fits MCM/MIE 8.2L EC engines with three catalyst exhaust manifolds (s/n 1A350802-2A041664)

EXHAUST ELBOW KIT



8M0062052

This elbow is 4 in.(102 mm) higher than the standard elbow.

Fits MIE 8.2L EC engines with three catalyst exhaust manifolds (s/n 1A350802-2A041664)

EXHAUST ELBOW KIT



8M0062053

This elbow is 6 in.(152 mm) higher than the standard elbow.

Fits MIE 8.2L EC engines with three catalyst exhaust manifolds (s/n 1A350802-2A041664)

EXHAUST ELBOW KIT



879288T84

Design II

This elbow is 8 in.(203 mm) higher than the standard elbow.

Fits MCM 8.2L EC engines with three catalyst exhaust manifolds (s/n 1A350340-2A41664); also fits MCM/MIE 8.1L EC engines

EXHAUST "Y" PIPE KIT



98-**8M0117125**

Used to convert MCM 8.1L & 8.2L engines with thru transom exhaust to thru prop exhaust.

Also requires the use of intermediate elbow kit in conjunction with this "Y" Pipe Kit. For 8.1L & 8.2L non-Emissions Control engines, use 44267A02 or A03. For 8.1L Emissions Control engines, use 44267A04, A05, A06, A07 or A08. For 8.2L Emissions Control engines with three catalyst exhaust manifolds, use 879288A12, A13, A14, A15 or A16.

Fits all MCM 8.1L & 8.2L sterndrive engines, except 2012 & newer 8.2L EC engines with single catalyst exhaust manifolds.

INTERMEDIATE ELBOW KIT



44267A04

Used in conjunction with Exhaust "Y" Pipe kit 8M0117125 to convert engine to thru prop exhaust.

Fits MCM 8.1L EC engines with standard 0" risers.

INTERMEDIATE ELBOW KIT



44267A05

Used in conjunction with Exhaust "Y" Pipe kit 8M0117125 to convert engine to thru prop exhaust.

Fits MCM 8.1L EC engines with 2 in. (51 mm) risers.

INTERMEDIATE ELBOW KIT



44267A06

Used in conjunction with Exhaust "Y" Pipe kit 8M0117125 to convert engine to thru prop exhaust.

Fits MCM 8.1L EC engines with 4 in. (102 mm) risers.

INTERMEDIATE ELBOW KIT



44267A07

Used in conjunction with Exhaust "Y" Pipe kit 8M0117125 to convert engine to thru prop exhaust.

Fits MCM 8.1L EC engines with 6 in. (152 mm) risers.

INTERMEDIATE ELBOW KIT



44267A08

Used in conjunction with Exhaust "Y" Pipe kit 8M0117125 to convert engine to thru prop exhaust.

Fits MCM 8.1L EC engines with 8 in. (203 mm) risers.

EXHAUST ELBOW RISER KITS (8.2L) EMISSIONS CONTROL

Raises the height of the engines exhaust system to prevent water from entering the engine through the exhaust system. Maximum height of 8 in.(203 mm) available. For use on MCM/MIE 8.2L Emissions Control engines only.

EXHAUST ELBOW KIT



8M0057574

2 in.(51 mm) riser height, hot dipped and top coated

Fits 2012 & newer MCM/MIE 8.2L Emissions Control engines with single catalyst exhaust manifolds (s/n 2A041665 and up)

EXHAUST ELBOW KIT



8M0057575

4 in.(102 mm) riser height, hot dipped and top coated

Fits 2012 & newer MCM/MIE 8.2L Emissions Control engines with single catalyst exhaust manifolds (s/n 2A041665 and up)

EXHAUST ELBOW KIT



8M0057576

6 in.(152 mm) rider height, hot dipped and top coated

Fits 2012 & newer MCM/MIE 8.2L Emissions Control engines with single catalyst exhaust manifolds (s/n 2A041665 and up)

INTERMEDIATE ELBOW KIT



8M0095832

Required when changing exhaust elbow height to 2 in. (51 mm) risers.

Fits 2012 & newer MCM 8.2L EC engines with single catalyst exhaust manifolds and 2 in. (51 mm) risers (s/n 2A041665 and up)

INTERMEDIATE ELBOW KIT



8M0095833

Required when changing exhaust elbow height to 4 in. (102 mm) risers.

Fits 2012 & newer MCM 8.2L EC engines with single catalyst exhaust manifolds and 4 in. (102 mm) risers (s/n 2A041665 and up)

INTERMEDIATE ELBOW KIT



8M0095834

Required when changing exhaust elbow height to 6 in. (152 mm) risers.

Fits 2012 & newer MCM 8.2L EC engines with single catalyst exhaust manifolds and 6 in. (152 mm) risers (s/n 2A041665 and up)

EXHAUST ELBOW KIT



8M0062051

This elbow is 2 in.(51 mm) higher than the standard elbow.

Fits MCM/MIE 8.2L EC engines with three catalyst exhaust manifolds (s/n 1A350802-2A041664)

EXHAUST ELBOW KIT



8M0062052

This elbow is 4 in.(102 mm) higher than the standard elbow.

Fits MIE 8.2L EC engines with three catalyst exhaust manifolds (s/n 1A350802-2A041664)

EXHAUST ELBOW KIT



8M0062053

This elbow is 6 in.(152 mm) higher than the standard elbow.

Fits MIE 8.2L EC engines with three catalyst exhaust manifolds (s/n 1A350802-2A041664)

EXHAUST ELBOW KIT



879288T84

Design II

This elbow is 8 in.(203 mm) higher than the standard elbow.

Fits MCM 8.2L EC engines with three catalyst exhaust manifolds (s/n 1A350340-2A41664); also fits MCM/MIE 8.1L EC engines

EXHAUST ELBOW KIT



8M0062051

This elbow is 2 in.(51 mm) higher than the standard elbow.

Fits MCM/MIE 8.2L EC engines with three catalyst exhaust manifolds (s/n 1A350802-2A041664)

EXHAUST ELBOW KIT



8M0062052

This elbow is 4 in.(102 mm) higher than the standard elbow.

Fits MIE 8.2L EC engines with three catalyst exhaust manifolds (s/n 1A350802-2A041664)

EXHAUST ELBOW KIT



8M0062053

This elbow is 6 in.(152 mm) higher than the standard elbow.

Fits MIE 8.2L EC engines with three catalyst exhaust manifolds (s/n 1A350802-2A041664)

EXHAUST ELBOW KIT



8M0062054

This elbow is 8 in.(203 mm) higher than the standard elbow.

Fits MIE 8.2L EC engines with three catalyst exhaust manifolds (s/n 1A350802-2A041664)

INTERMEDIATE ELBOW KIT



879288A13

Used in conjunction with Exhaust "Y" Pipe Kit 8M0117125 to convert engine to thru prop exhaust.

Fits 2010-2012 MCM 8.2L EC engines with three catalyst exhaust manifolds and 2 in. (51 mm) risers (s/n 2A041664 and below)

INTERMEDIATE ELBOW KIT



879288A14

Used in conjunction with Exhaust "Y" Pipe Kit 8M0117125 to convert engine to thru prop exhaust.

Fits 2010-2012 MCM 8.2L EC engines with three catalyst exhaust manifolds and 4 in. (102 mm) risers (s/n 2A041664 and below)

INTERMEDIATE ELBOW KIT



879288A15

Used in conjunction with Exhaust "Y" Pipe Kit 8M0117125 to convert engine to thru prop exhaust.

Fits 2010-2012 MCM 8.2L EC engines with three catalyst exhaust manifolds and 6 in. (152 mm) risers (s/n 2A041664 and below)

EXHAUST "Y" PIPE KIT



98-**8M0117125**

Used to convert MCM 8.1L & 8.2L engines with thru transom exhaust to thru prop exhaust.

Also requires the use of intermediate elbow kit in conjunction with this "Y" Pipe Kit. For 8.1L & 8.2L non-Emissions Control engines, use 44267A02 or A03. For 8.1L Emissions Control engines, use 44267A04, A05, A06, A07 or A08. For 8.2L Emissions Control engines with three catalyst exhaust manifolds, use 879288A12, A13, A14, A15 or A16.

Fits all MCM 8.1L & 8.2L sterndrive engines, except 2012 & newer 8.2L EC engines with single catalyst exhaust manifolds.

EXHAUST RISER CHART - GAS, EMISSIONS CONTROL ENGINES

Exhaust Risers (Gas, Emissions Control engines)

Engine Model	Model Note	Year Range	Serial # Range	Riser Kit	Riser Height	Intermediate Elbow Kit	Hose Kit
MCM 4.3 EC	MPI engines	2011 - 2016	1A637496 - 2A528897	8M0153670(7)	2 in. (51 mm)	879288A35(1)	32-8M0051174(4)
MCM 4.3L EC	MPI engines	2011 - 2016	1A637496 - 2A528897	8M0153671(7)	4 in. (102 mm)	879288A36(1)	32-8M0051175(4)
MCM 4.3L EC	MPI engines	2011 - 2016	1A637496 - 2A528897	8M0153486(7)	6 in. (152 mm)	879288A37(1)	32-8M0051176(4)
MCM 4.5L MPI	EC & Non-EC	2014 - 2023	2A441953 and up	8M0153670(7)	2 in. (51 mm)	879288A35(1)	N/A
MCM 4.5L MPI	EC & Non-EC	2014 - 2023	2A441953 and up	8M0153671(7)	4 in. (102 mm)	879288A36(1)	N/A
MCM 4.5L MPI	EC & Non-EC w/ standard cooling	2014 - 2023	2A441953 and up	8M0153486(7)	6 in. (152 mm)	879288A37(1)	8M0096701(5)
MCM 4.5L MPI	EC & Non-EC w/ closed cooling	2014 - 2023	2A441953 and up	8M0153486(7)	6 in. (152 mm)	879288A37(1)	8M0089504(6)
MCM/MIE V-8 (305, 350 & 377 cid)	MPI engines	2008 - 2015	1A300000 - 2A455878	8M0153670(7)	2 in. (51 mm)	879288A35(1)	N/A
MCM/MIE V-8 (305, 350 & 377 cid)	MPI engines	2008 - 2015	1A300000 - 2A455878	8M0153671(7)	4 in. (102 mm)	879288A36(1)	N/A
MCM/MIE V-8 (305, 350 & 377 cid)	MPI engines	2008 - 2015	1A300000 - 2A455878	8M0153486(2)(3)(7)	6 in. (152 mm)	879288A37(1)	N/A
MCM/MIE V-8 (305, 350 & 377 cid)	MPI engines	2008 - 2015	1A300000 - 2A455878	N.L.A.(2)(3)	8 in. (203 mm)	879288A38(1)	N/A
MCM/MIE/Tow Sports 6.2L MPI	EC & Non-EC	2015 - 2023	2A456613 and up	8M0153670(7)	2 in. (51 mm)	879288A35(1)	N/A
MCM/MIE/Tow Sports 6.2L MPI	EC & Non-EC	2015 - 2023	2A456613 and up	8M0153671(7)	4 in. (102 mm)	879288A36(1)	N/A
MCM/MIE/Tow Sports 6.2L MPI	EC & Non-EC	2015 - 2023	2A456613 and up	8M0153486(7)	6 in. (152 mm)	879288A37(1)	N/A
MIE Tow Sports V-8 (350 & 377 cid)	MPI engines with standard cooling	2008 - 2015	1A090000 - 2A460148	8M0153670	2 in. (51 mm)	N/A	N/A
MCM/MIE V-8 (496 cid)	MPI engines	2008 - 2010	1A066166 - 1A380251	8M0062051	2 in. (52 mm)	44267A05(1)	N/A
MCM/MIE V-8 (496 cid)	MPI engines	2008 - 2010	1A066166 - 1A380251	8M0062052	4in. (102 mm)	44267A06(1)	N/A
MCM/MIE V-8 (496 cid)	MPI engines	2008 - 2010	1A066166 - 1A380251	879288T83	6 in. (152 mm)	44267A07(1)	N/A
MCM/MIE V-8 (496 cid)	MPI engines	2008 - 2010	1A066166 - 1A380251	879288T84	8 in. (203 mm)	44267A08(1)	N/A
MCM/MIE V-8 (502 cid)	MPI engines with 3 catalyst exhaust manifolds	2010 - 2012	1A350340 - 2A041664	8M0062051	2 in. (52 mm)	879288A13(1)	N/A
MCM/MIE V-8 (502 cid)	MPI engines with 3 catalyst exhaust manifolds	2010 - 2012	1A350340 - 2A041664	8M0062052	4 in. (102 mm)	879288A14(1)	N/A
MCM/MIE V-8 (502 cid)	MPI engines with 3 catalyst exhaust manifolds	2010 - 2012	1A350340 - 2A041664	879288T83	6 in. (152 mm)	879288A15(1)	N/A
MCM/MIE V-8 (502 cid)	MPI engines with 3 catalyst exhaust manifolds	2010 - 2012	1A350340 - 2A041664	879288T84	8 in. (203 mm)	N.L.A.(1)	N/A
MCM/MIE V-8 (502 cid)	MPI engines with single catalyst exhaust manifolds	2012 - 2023	2A041665 and up	8M0057574	2 in. (52 mm)	8M0095832(1)	N/A
MCM/MIE V-8 (502 cid)	MPI engines with single catalyst exhaust manifolds	2012 - 2023	2A041665 and up	8M0057575	4 in. (102 mm)	8M0095833(1)	N/A
MCM/MIE V-8 (502 cid)	MPI engines with single catalyst exhaust manifolds	2012 - 2023	2A041665 and up	8M0057576	6 in. (152 mm)	8M0095834(1)	N/A

(1) Only required on sterndrive engines that have the exhaust going thru the prop.

(2) Order Poppet Valve Kit 879288A26 if converting a closed cooled MCM engine having 0 in., 2 in. or 4 in. risers.

(3) Order Poppet Valve Kit 879288A27 if converting a closed cooled MIE engine having 0 in., 2 in. or 4 in. risers.

(4) Hose kit required only if closed cooled engine

(5) Use on standard cooling engines

(6) Use on closed cooling engines

(7) Order FWC elbow gaskets 27-8M2004606 separately if installing on a closed cooled MCM/MIE engine

EXHAUST MANIFOLD FITTINGS

EXHAUST MANIFOLD DRAIN ELBOW



22-**862210A01**

Stainless steel with drain

Fits MCM/MIE V-6 & V-8 engines with center rise exhaust manifolds.

EXHAUST MANIFOLD ELBOW



22- **36305T**

Brass material without drain

Use on big block V-8 engines that have the exhaust manifolds in the closed cooling system.

CARBURETOR WEDGE KIT

CARBURETOR WEDGE KIT



879288T62

Helps eliminate carburetor lean out condition in extremely hard right turns.

Fits MCM 3.0L engines (1998-2016)

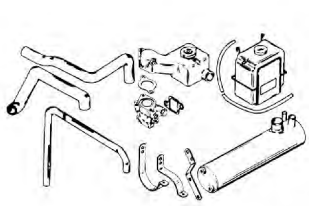
COOL FUEL RELOCATION KITS

These kits are for engines that need the cool fuel system relocated to the front of the engine due to interference with engine plate mounts or other components.

CLOSED COOLING KITS

Some engine models will require a closed cooling kit, a belt kit, and a seawater pump kit. Other models will not require all these kits. A note indicates that there might be a different kit that is required to make the kits fit the engine on which the closed cooling is being installed. N/A = Not Applicable.

CLOSED COOLING KIT



61086A11

Side mounted kit.

This kit fits front mount engines only.

Fits MCM 120, 140, 2.5L & 3.0L/LX (1983-2016)

CLOSED COOLING KIT



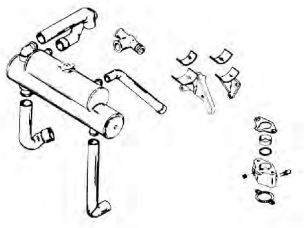
879288A02

Side mounted kit.

This kit fits front mount engines only.

Fits 2008-2016 MCM 3.0 MPI Emissions Control engine.

CLOSED COOLING KIT



860427A 4

Front mounted kit.

Fits 1996-1999 MCM V-6 engines with serpentine belt (s/n 0F803000-0L619083)
Fits 1997 MCM V-8 (350 cid) engines w/ serpentine belt (s/n 0K001506-0K999999)

864920A02

Front mounted kit. Full closed system which also protects the dry joint exhaust manifolds from corrosion.

Fits 2002-2016 MCM V-6 & V-8 (305, 350 & 377) MPI engines (s/n 0M600000 thru 2A506375).
Fits 2002-2015 MIE V-8 (350 cid) MPI engines (s/n 0M317000 thru 2A455523).
See application chart.

CLOSED COOLING KIT

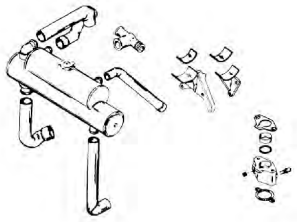


98-**8M0122649**

Front mounted kit.

Fits 2005-2015 MCM V-6 TKS engines (s/n 0W310000 thru 2A454127). See application chart.

CLOSED COOLING KIT



8M0051178

Front mounted kit. Full closed system which also protects the dry joint exhaust manifolds from corrosion.

Fits 2011-2016 MCM 4.3L MPI Emissions Control engines.

CLOSED COOLING KIT



8M0193968

Front mounted kit. Full closed system which also protects the exhaust manifolds from corrosion.

Fits 2014 & newer MCM 4.5L MPI engines (s/n 2A441953 & up)

CLOSED COOLING KIT



98-**8M0112577**

Front mounted kit. Full closed system which also protects the exhaust manifolds from corrosion.

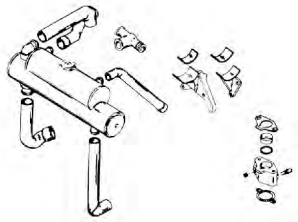
Fits 2015-2016 MCM 6.2L Bravo (s/n 2A456613-2A530775) & TowSport 6.2L (s/n 2A456613-2A530773). NOTE: If installing on 6.2L TowSport V-drive models with the exhaust elbow outlets pointing to the fromt of the engine, this kit can only be used on DTS models only.

98-**8M0123588**

Front mounted kit. Full closed system which also protects the exhaust manifolds from corrosion.

Fits 2016 & newer MCM 6.2L Bravo (s/n 2A530776 & up) & TowSport 6.2L (s/n 2A530774 & up). NOTE: If installing on 6.2L TowSport V-drive models with the exhaust elbow outlets pointing to the fromt of the engine, this kit can only be used on DTS models only.

CLOSED COOLING KIT



860427A 5

Front mounted kit.

Fits 1997-1999 MCM V-8 (305 & 350 cid) engines (s/n 0K001501-0L618999).
Fits 1997-2001 MIE & Tow Sports V-8 (350 & 377 cid) Gen+ engines (s/n 0K040006-0M299999)
Fits 2001-2002 MIE & Tow Sports V-8 (350 cid) carb engines (s/n 0M300000-0M316999). See application chart.

860427A 7

Front mounted kit.

Fits 1999-2001 MCM V-8 (305, 350 & 377 cid) engines (s/n 0L619000-0M299999).
Fits 2001-2002 MCM V-8 (305, 350 & 377 cid) Carb engines (s/n 0M300000-0M590000). See application chart.

CLOSED COOLING KIT

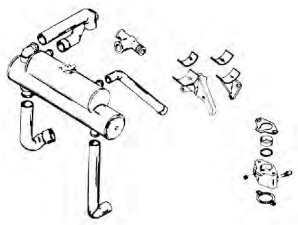


879288A39

Front mounted kit. Full closed system which also protects the dry joint exhaust manifolds from corrosion.

Fits 2008-2016 MCM/MIE V-8 (305, 350 & 377) MPI Emissions Control engines.

CLOSED COOLING KIT



807639A 3

Front mounted kit.

Fits 1996-2001 MCM & MIE V-8 (454 & 502 cid) engines. See application chart.

SERPENTINE BELT & PULLEY KIT



889432A 1

Fits 2002-2003 MCM V-6 & V-8 (305 & 350 cid) Alpha engines with standard cooling that the power steering pump is being removed (s/n 0M343008-0M999999).

SERPENTINE BELT & PULLEY KIT



889433A 1

Fits 2002-2003 MCM V-6 & V-8 (305, 350 & 377 cid) Alpha engines with closed cooling and Bravo engines that the power steering pump is being removed (s/n 0M343008-0M999999).

SERPENTINE BELT KIT



807901T 6

Fits MCM 4.3L Alpha. See application chart for specific engine models.

SERPENTINE BELT KIT



807901A 5

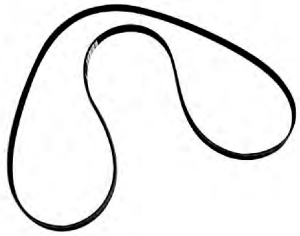
Fits MCM 4.3L Bravo; 5.0L & 5.7L Alpha/Bravo. See application chart for specific engine models.

807901A 3

For dual engine applications where power steering pump is being removed.

Fits MCM V-6 & V-8 (305 & 350 cid) Bravo engines with standard cooling. Also fits MCM 4.3L Bravo; 5.0L & 5.7L Alpha/Bravo with closed cooling. See application chart for specific engine models.

SERPENTINE BELT



57-865615Q03

2704 mm length

Fits 2001-2016 MCM V-6 & V-8 (305 & 350 cid) Alpha engines with closed cooling and Bravo engines with standard cooling (s/n 0M320025 thru 2A455872)

57-865615Q09

1780 mm length

Fits 1999-2001 MCM V-6 & V-8 (305 & 350 cid) Alpha engines with high mounted alternator (s/n 0L619000-0M320024)

57-865615Q08

2535 mm length

Fits 1999-2002 MCM V-6 & V-8 (305, 350 & 377 cid) Bravo engines with high mounted alternator that the power steering pump is being removed (s/n 0L619000-0M343007).

57-865615Q07

2467 mm length

Fits 1998-2001 MCM V-8 (454 & 502 cid) Bravo engines with serpentine belt that the power steering pump is being removed.

SEAWATER PUMP KIT



98-8M0137212

Fits MCM 4.3L EC Alpha engines. Used in conjunction with closed cooling kit. See closed cooling kit application chart.

SEAWATER PUMP KIT



46-8M0122666

Fits 2016 & newer MCM 4.5L MPI engines (s/n 2A441953 & up). Used in conjuction with Closed Cooling Kit

REAR COVER ASSEMBLY



863674A05

Brass housing with stainless steel wear plate
Fits current small block brass seawater pump w/ air fittings

SEAWATER PUMP KIT



46-**807151A 5**

Fits MCM V-8 (305 & 350 cid) Alpha engines. See application chart.

SEAWATER PUMP KIT



46-**807151A25**

Fits 1999-2001 MCM V-8 (305 & 350 cid) Alpha engines (s/n 0L619000-0M299999). See application chart.

SEAWATER PUMP KIT



46-**8M0139983**

Fits 2001-2016 MCM V-6 & V-8 (305 & 350 cid) Alpha engines (s/n 0M300000 thru 2A506375). Use only in conjunction with closed cooling kit. See closed cooling application chart.

HOSE EXTENDER KIT



860315A 1

Required if seawater hose is routed across the intake manifold.
Fits MCM 4.3L Alpha/Bravo & 5.0L Alpha. See application chart.

FUEL LINE KIT



32-**861070T**

Fits MCM 5.7L Alpha/Bravo. See application chart.

HOSE KIT



98-**8M0112578**

Supplemental hose kit used in conjuction with main closed cooling kit 8M0112577.
Fits 2015-2016 MCM 6.2L Bravo (s/n 2A456613-2A530775)

HOSE KIT



98-**8M0123590**

Supplemental hose kit used in conjuction with main closed cooling kit 8M0123588.
Fits 2016 & newer MCM 6.2L Bravo (s/n 2A530776 & up)

HOSE KIT



98-**8M0112579**

Supplemental hose kit used in conjuction with main closed cooling kit 8M0112577.
Fits 2015-2016 TowSport 6.2L in-line engines (s/n 2A456613-2A530773)

HOSE KIT



98-**8M0123592**

Supplemental hose kit used in conjuction with main closed cooling kit 8M0123588.
Fits 2016 & newer TowSport 6.2L in-line engines (s/n 2A530774 & up)

HOSE KIT



98-**8M0112580**

Supplemental hose kit used in conjuction with main closed cooling kit 8M0112577.
Fits 2015-2016 TowSport 6.2L V-drive engines (s/n 2A456613-2A530773).

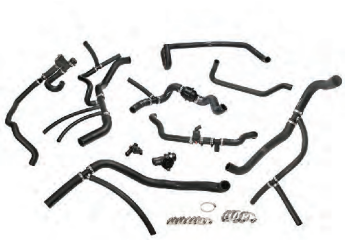
HOSE KIT



98-**8M0123593**

Supplemental hose kit used in conjuction with main closed cooling kit 8M0123588.
Fits 2016 & newer TowSport 6.2L V-drive engines (s/n 2A530774 & up).

HOSE KIT



32-**879172A16**

Supplemental hose kit used in conjuction with main closed cooling kit 879288A39.
Fits 2008-2016 MCM & MIE in-line V-8 (305, 350 & 377 cid) MPI Emissions Control engines

HOSE KIT



32-**879172A17**

Supplemental hose kit used in conjuction with main closed cooling kit 879288A39.
Fits 2008-2016 MIE V-drive V-8 (305, 350 & 377 cid) MPI Emissions Control engines

HOSE KIT



32-**865039A02**

Supplemental hose kit used in conjuction with main closed cooling kit 879288A39.
Fits 2008-2011 MCM Axius V-8 (305, 350 & 377 cid) MPI Emissions Control engines

RISER HOSE KIT



32-**865039A 1**

Used in conjunction with 4.7 in. (119 mm) & 6 in. (152 mm) exhaust risers & CLOSED COOLING

Fits 2002-2016 MCM V-8 (305, 350 & 377 cid) MPI engines (s/n 0M615000 and up) & MIE V-8 (350 & 377 cid) MPI engines with in-line transmission (s/n 0M390000 and up).

RISER HOSE KIT



32-**865090A01**

Fits MCM V-6 MPI engines (s/n 0M600000 thru 2A506375).

RISER HOSE KIT



32-**865998A01**

Used in conjunction with 4.7 in. (119 mm) & 6 in. (152 mm) exhaust risers & CLOSED COOLING

Fits 2004-2016 MCM 4.3L MPI engines (s/n 0W310000 thru 2A506375).

RISER HOSE KIT



32-**8M0082066**

Used in conjunction with 4.7 in. (119 mm) & 6 in. (152 mm) exhaust risers & CLOSED COOLING

Fits 2005-2015 MCM 4.3L TKS engines (s/n 0W310000 thru 2A454127).

HOSE KIT



32-**8M0051174**

Supplemental hose kit required for closed cooling engines.

Fits 2011-2016 MCM 4.3L MPI EC engines w/ 2 in.(51 mm) risers

HOSE KIT



32-**8M0051175**

Supplemental hose kit required for closed cooling engines.

Fits 2011-2016 MCM 4.3L MPI EC engines w/ 4 in.(102 mm) risers

HOSE KIT



32-**8M0051176**

Supplemental hose kit required for closed cooling engines.

Fits 2011-2016 MCM 4.3L MPI EC engines w/ 6 in.(152 mm) risers

BRACKET

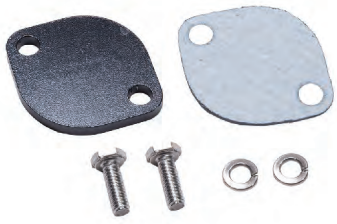


865188T01

Replacement bracket required for specific engine applications when adding closed cooling.

Fits MCM V-8 (305, 350 & 377 cid) MPI engines (s/n 0M600000-0M616622).

BLOCK OFF KIT



8M0095447

Fits Alpha & Bravo transoms to block off the water inlet connector for engines using thru hull water pickups.

CLOSED COOLING KIT CHART (DRY JOINT EXHAUST)

When adding a closed cooling kit to an engine with 6 in. (152 mm) cold exhaust risers, it will be necessary to replace the exhaust risers with 6 in. (152 mm) warm exhaust risers (p/n 864908A 2). The difference between cold & warm exhaust risers can be identified by the location of the riser hose fitting. Cold exhaust risers will have the hose fitting toward the lower part of the exhaust riser close to the exhaust manifold. Warm exhaust risers will have the hose fitting toward the upper part of the exhaust riser close to the exhaust elbow.

Closed Cooling Kits (2002 and newer)

Engine Model	Year Range	Serial # Range	Closed Cooling Kit	Seawater Pump Kit	ECM	Hose Kit
MERCRUISER STERNDRIVE MODELS (MCM)						
MCM 3.0L	2002 - 2016	0M087452 - 2A506300	61086A11(2)	N/A	N/A	N/A
MCM 3.0L MPI EC	2008 - 2011	1A072812 - 1A648622	879288A02	N/A	8M0049841(4)	N/A
MCM 3.0L MPI EC	2011 - 2016	1A648623 - 2A502810	879288A02	N/A	78-8M0059346(4)	N/A
MCM 4.3L	2002 - 2005	0M600000 - 0W309999	(1)	N/A	N/A	N/A
MCM 4.3L	2005 - 2015	0W310000 - 2A454127	98-8M0122649	N/A	N/A	32-8M0082066(18)
MCM 4.3L MPI Alpha	2002 - 2006	0M600000 - 0W649999	864920A02(5)(7)(16)	46-8M0139983(6)	77-865831T07(4)	32-865090A01(11)
MCM 4.3L MPI Alpha	2006 - 2007	0W650000 - 1A063239	864920A02(5)(16)	46-8M0139983(6)	77-865831T06(4)	32-865090A01(11)
MCM 4.3L MPI Alpha	2007 - 2008	1A063240 - 1A343327	864920A02(5)(16)	46-8M0139983(6)	77-865831T08(4)	32-865090A01(11)
MCM 4.3L MPI Alpha	2009 - 2016	1A343328 - 2A506375	864920A02(5)(16)	46-8M0139983(6)	8M0064760(4)	32-865090A01(11)
MCM 4.3L 180 MPI Alpha	2015 - 2016	2A457710 - 2A506375	(1)	N/A	N/A	N/A
MCM 4.3L MPI Alpha EC(12)	2011 - 2011	1A634796 - 1A648622	8M0051178(5)(13)	98-8M0137212(6)	8M0054004(4)	(15)
MCM 4.3L MPI Alpha EC(12)	2011 - 2016	1A648623 - 2A528897	8M0051178(5)(13)	98-8M0137212(6)	78-8M0059348(4)	(15)
MCM 4.3L 180 MPI Alpha EC(12)	2015 - 2016	2A457710 - 2A528897	(1)	N/A	N/A	N/A
MCM 4.3L MPI Bravo	2002 - 2004	0M600000 - 0W029410	864920A02(5)(9)	N/A	77-865001T02(4)	32-865090A01(11)
MCM 4.3L MPI Bravo	2004 - 2006	0W029411 - 0W649999	864920A02(5)(9)	N/A	77-865833T06(4)	32-865090A01(11)
MCM 4.3L MPI Bravo	2006 - 2007	0W650000 - 1A063239	864920A02(5)(9)	N/A	77-865833T05(4)	32-865090A01(11)
MCM 4.3L MPI Bravo	2007 - 2008	1A063240 - 1A343327	864920A02(5)(9)	N/A	77-865833T07(4)	32-865090A01(11)
MCM 4.3L MPI Bravo	2009 - 2016	1A343328 - 2A506375	864920A02(5)(9)	N/A	8M0064759(4)	32-865090A01(11)
MCM 4.3L MPI Bravo EC(12)	2011 - 2011	1A637496 - 1A648622	8M0051178(5)	863674A05(17)	8M0054006(4)	(15)
MCM 4.3L MPI Bravo EC(12)	2011 - 2016	1A648623 - 2A528897	8M0051178(5)	863674A05(17)	78-8M0059350(4)	(15)
MCM 4.5L MPI Alpha	2014 - 2016	2A441953 - 2A530777	8M0193968(5)	46-8M0122666(6)(19)	N/A	N/A
MCM 4.5L MPI Alpha	2016 - 2023	2A530778 and up	8M0193968(5)	46-8M0122666(6)(19)	N/A	N/A
MCM 4.5L MPI Bravo	2014 - 2016	2A441953 - 2A530777	8M0193968	N/A	N/A	N/A
MCM 4.5L MPI Bravo	2016 - 2023	2A530778 and up	8M0193968	N/A	N/A	N/A
MCM 5.0L Alpha	2002 - 2009	0M600000 - 1A607561	N.L.A.(5)	46-8M0139983(6)	N/A	32-865039A 1(8)
MCM 5.0L Bravo	2002 - 2009	0M600000 - 1A607561	N.L.A.(5)(9)	N/A	N/A	32-865039A 1(8)
MCM 5.0L MPI Alpha	2002 - 2004	0M600000 - 0W029410	864920A02(5)(7)	46-8M0139983(6)	77-865835T03(4)	32-865039A 1(8)
MCM 5.0L MPI Alpha	2004	0W029411 - 0W309999	864920A02(5)	46-8M0139983(6)	77-865835T03(4)	32-865039A 1(8)
MCM 5.0L MPI Alpha	2004 - 2006	0W310000 - 0W649999	864920A02(5)	46-8M0139983(6)	77-866190T06(4)	32-865039A 1(8)
MCM 5.0L MPI Alpha	2006 - 2008	0W650000 - 1A343327	864920A02(5)	46-8M0139983(6)	77-866190T07(4)	32-865039A 1(8)
MCM 5.0L MPI Alpha	2009 - 2014	1A343328 - 2A445009	864920A02(5)	46-8M0139983(6)	77-879194T83(4)	32-865039A 1(8)
MCM 5.0L MPI Alpha EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)	46-8M0139983(6)	8M0071875(4)	32-879172A16
MCM 5.0L MPI Alpha EC(12)	2011 - 2014	1A648623 - 2A444777	879288A39(5)	46-8M0139983(6)	78-8M0059352(4)	32-879172A16
MCM 5.0L MPI Bravo	2002 - 2004	0M600000 - 0W029410	864920A02(5)(7)(9)	N/A	77-865003T03(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo	2004	0W029411 - 0W309999	864920A02(5)(9)	N/A	77-865837T02(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo	2004 - 2006	0W310000 - 0W649999	864920A02(5)(9)	N/A	77-866192T06(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo	2006 - 2008	0W650000 - 1A343327	864920A02(5)(9)	N/A	77-866192T05(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo	2009 - 2014	1A343328 - 2A445009	864920A02(5)(9)	N/A	77-879194T85(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0071877(4)	32-879172A16
MCM 5.0L MPI Bravo EC(12)	2011 - 2014	1A648623 - 2A444777	879288A39(5)(9)	N/A	78-8M0059354(4)	32-879172A16
MCM 5.0L MPI Bravo DTS	2004 - 2008	0W310000 - 1A343327	864920A02(5)(9)	N/A	866237T04(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo DTS	2009 - 2014	1A343328 - 2A445009	864920A02(5)(9)	N/A	78-8M0059270(4)	32-865039A 1(8)

Engine Model	Year Range	Serial # Range	Closed Cooling Kit	Seawater Pump Kit	ECM	Hose Kit
MCM 5.0L MPI Bravo Axius DTS	2008	1A300000 - 1A343327	864920A02(5)(9)	N/A	879172T80(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo Axius DTS	2009 - 2010	1A343328 - 1A623184	864920A02(5)(9)	N/A	77-879194T99(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo DTS EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0071884(4)	32-879172A16
MCM 5.0L MPI Bravo DTS EC(12)	2011 - 2014	1A648623 - 2A444777	879288A39(5)(9)	N/A	78-8M0059366(4)	32-879172A16
MCM 5.0L MPI Bravo Axius DTS EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0071888(4)	32-879172A16(14)
MCM 5.7L Alpha	2002 - 2009	0M600000 - 1A600136	N.L.A.(5)	46-8M0139983(6)	N/A	32-865039A 1(8)
MCM 5.7L Bravo	2002 - 2009	0M600000 - 1A600136	N.L.A.(5)(9)	N/A	N/A	32-865039A 1(8)
MCM 350 Mag MPI Alpha	2002 - 2004	0M600000 - 0W309999	864920A02(5)(7)	46-8M0139983(6)	77-865839T03(4)	32-865039A 1(8)
MCM 350 Mag MPI Alpha	2004 - 2006	0W310000 - 0W649999	864920A02(5)	46-8M0139983(6)	77-866123T06(4)	32-865039A 1(8)
MCM 350 Mag MPI Alpha	2006 - 2008	0W650000 - 1A343327	864920A02(5)	46-8M0139983(6)	77-866123T05(4)	32-865039A 1(8)
MCM 350 Mag MPI Alpha	2009 - 2015	1A343328 - 2A455872	864920A02(5)	46-8M0139983(6)	77-879194T87(4)	32-865039A 1(8)
MCM 350 Mag MPI Alpha EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)	46-8M0139983(6)	8M0071878(4)	32-879172A16
MCM 350 Mag MPI Alpha EC(12)	2011 - 2015	1A648623 - 2A455878	879288A39(5)	46-8M0139983(6)	78-8M0059356(4)	32-879172A16
MCM 350 Mag MPI Bravo	2002 - 2004	0M600000 - 0W029410	864920A02(5)(7)(9)	N/A	77-865005T03(4)	32-865039A 1(8)
MCM 350 Mag MPI Bravo	2004	0W029411 - 0W309999	864920A02(5)(9)	N/A	77-865841T02(4)	32-865039A 1(8)
MCM 350 Mag MPI Bravo	2004 - 2006	0W310000 - 0W649999	864920A02(5)(9)	N/A	77-866125T06(4)	32-865039A 1(8)
MCM 350 Mag MPI Bravo	2006 - 2008	0W650000 - 1A343327	864920A02(5)(9)	N/A	77-866125T05(4)	32-865039A 1(8)
MCM 350 Mag MPI Bravo	2009 - 2015	1A343328 - 2A455872	864920A02(5)(9)	N/A	77-879194T89(4)	32-865039A 1(8)
MCM 350 Mag MPI Bravo DTS	2004 - 2008	0W310000 - 1A343327	864920A02(5)(9)	N/A	866239T04(4)	32-865039A 1(8)
MCM 350 Mag MPI Bravo DTS	2009 - 2015	1A343328 - 2A455872	864920A02(5)(9)	N/A	78-8M0059272(4)	32-865039A 1(8)
MCM 350 Mag MPI Axius Bravo DTS	2008	1A300000 - 1A343327	864920A02(5)(9)	N/A	879288T03(4)	32-865039A 1(8)
MCM 350 Mag MPI Axius Bravo DTS	2009 - 2010	1A343328 - 1A623184	864920A02(5)(9)	N/A	77-879288T91(4)	32-865039A 1(8)
MCM 350 Mag MPI Bravo EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0071880(4)	32-879172A16
MCM 350 Mag MPI Bravo EC(12)	2011 - 2015	1A648623 - 2A455878	879288A39(5)(9)	N/A	78-8M0059358(4)	32-879172A16
MCM 350 Mag MPI Bravo DTS EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0071885(4)	32-879172A16
MCM 350 Mag MPI Bravo DTS EC(12)	2011 - 2015	1A648623 - 2A455878	879288A39(5)(9)	N/A	78-8M0059368(4)	32-879172A16
MCM 350 Mag MPI Bravo Axius DTS EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0071889(4)	32-879172A16(14)
MCM 377 Mag MPI Bravo	2008	1A300000 - 1A343327	864920A02(5)(9)	N/A	77-866130T05(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo	2009	1A343328 - 1A345479	864920A02(5)(9)	N/A	77-879194T39(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo	2009	1A345480 - 1A345492	864920A02(5)(9)	N/A	77-879288T93(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo	2009	1A345493 - 1A345765	864920A02(5)(9)	N/A	77-879194T39(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo	2009	1A345766 - 1A345767	864920A02(5)(9)	N/A	77-879288T93(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo	2009	1A345768 - 1A346789	864920A02(5)(9)	N/A	77-879194T39(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo	2009 - 2015	1A346790 - 2A455858	864920A02(5)(9)	N/A	77-879288T93(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo DTS	2008	1A300000 - 1A343327	864920A02(5)(9)	N/A	866243T05(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo DTS	2009	1A343328 - 1A345479	864920A02(5)(9)	N/A	77-879194T44(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo DTS	2009	1A345480 - 1A345492	864920A02(5)(9)	N/A	78-8M0059274(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo DTS	2009	1A345493 - 1A345765	864920A02(5)(9)	N/A	77-879194T44(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo DTS	2009	1A345766 - 1A345767	864920A02(5)(9)	N/A	78-8M0059274(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo DTS	2009	1A345768 - 1A346789	864920A02(5)(9)	N/A	77-879194T44(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo DTS	2009 - 2015	1A346790 - 2A455858	864920A02(5)(9)	N/A	78-8M0059274(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo Axius DTS	2008	1A300000 - 1A343327	864920A02(5)(9)	N/A	879194T73(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo Axius DTS	2009	1A343328 - 1A345479	864920A02(5)(9)	N/A	77-879355T82(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo Axius DTS	2009	1A345480 - 1A345492	864920A02(5)(9)	N/A	77-879194T17(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo Axius DTS	2009	1A345493 - 1A345765	864920A02(5)(9)	N/A	77-879355T82(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo Axius DTS	2009	1A345766 - 1A345767	864920A02(5)(9)	N/A	77-879194T17(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo Axius DTS	2009	1A345768 - 1A346789	864920A02(5)(9)	N/A	77-879355T82(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo Axius DTS	2009 - 2010	1A346790 - 1A623184	864920A02(5)(9)	N/A	77-879194T17(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0052735(4)	32-879172A16
MCM 377 Mag MPI Bravo EC(12)	2011 - 2015	1A648623 - 2A455601	879288A39(5)(9)	N/A	78-8M0059363(4)	32-879172A16
MCM 377 Mag MPI Bravo DTS EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0052739(4)	32-879172A16
MCM 377 Mag MPI Bravo DTS EC(12)	2011 - 2015	1A648623 - 2A455601	879288A39(5)(9)	N/A	78-8M0059257(4)	32-879172A16
MCM 377 Mag MPI Bravo Axius DTS EC(12)	2008 - 2011	1A300000 - 1A623184	879288A39(5)(9)	N/A	8M0071890(4)	32-879172A16(14)
MCM 6.2L MPI Mercury	2015 - 2016	2A456613 - 2A530775	98-8M0112577(5)	N/A	N/A	98-8M0112578

Engine Model	Year Range	Serial # Range	Closed Cooling Kit	Seawater Pump Kit	ECM	Hose Kit
MCM 6.2L MPI Mercury	2016 - 2023	2A530776 and up	98-8M0123588(5)	N/A	N/A	98-8M0123590
MCM MX 6.2 MPI Bravo	2002 - 2004	0M600000 - 0W029410	864920A02(5)(7)(9)	N/A	77-865008T04(4)	32-865039A 1(8)
MCM MX 6.2 MPI Bravo	2004	0W029410 - 0W309999	864920A02(5)(9)	N/A	77-865846T02(4)	32-865039A 1(8)
MCM MX 6.2 MPI Bravo	2004 - 2006	0W310000 - 0W649999	864920A02(5)(9)	N/A	866130T06(4)	32-865039A 1(8)
MCM MX 6.2 MPI Bravo	2006 - 2007	0W650000 - 1A299999	864920A02(5)(9)	N/A	77-866130T05(4)	32-865039A 1(8)
MCM MX 6.2 MPI Bravo DTS	2004 - 2007	0W310000 - 1A299999	864920A02(5)(9)	N/A	866243T05(4)	32-865039A 1(8)
MERCRUISER INBOARD MODELS (MIE)						
MIE 350 Mag MPI	2002 - 2004	0M317000 - 0W389999	864920A02(5)	N/A	77-865006T04(4)	32-865039A 1(10)
MIE 350 Mag MPI	2004 - 2006	0W390000 - 0W689999	864920A02(5)	N/A	77-866127T05(4)	32-865039A 1(10)
MIE 350 Mag MPI	2006 - 2008	0W690000 - 1A089999	864920A02(5)	N/A	866127T04(4)	32-865039A 1(10)
MIE 350 Mag MPI DTS	2004 - 2008	0W390000 - 1A089999	864920A02(5)	N/A	866241T06(4)	32-865039A 1(10)
MIE 5.7L	2002 - 2010	0M317000 - 1A092388	N.L.A.(5)	N/A	N/A	32-865039A 1(10)
MIE 5.7L MPI	2008	1A090000 - 1A091825	864920A02(5)	N/A	866127T04(4)	32-865039A 1(10)
MIE 5.7L MPI	2009 - 2015	1A091826 - 2A455523	864920A02(5)	N/A	77-879194T91(4)	32-865039A 1(10)
MIE 5.7L MPI w/ In-Line EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0071881(4)	32-879172A16
MIE 5.7L MPI w/ In-Line EC(12)	2011 - 2015	1A092818 - 2A455371	879288A39(5)	N/A	78-8M0059360(4)	32-879172A16
MIE 5.7L MPI w/ V-Drive EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0071881(4)	32-879172A17
MIE 5.7L MPI w/ V-Drive EC(12)	2011 - 2015	1A092818 - 2A455371	879288A39(5)	N/A	78-8M0059360(4)	32-879172A17
MIE 5.7L MPI DTS	2008	1A090000 - 1A091825	864920A02(5)	N/A	866241T06(4)	32-865039A 1(10)
MIE 5.7L MPI DTS	2009 - 2015	1A091826 - 2A455523	864920A02(5)	N/A	77-879194T97(4)	32-865039A 1(10)
MIE 5.7L MPI DTS w/ In-Line EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0071886(4)	32-879172A16
MIE 5.7L MPI DTS w/ In-Line EC(12)	2011 - 2015	1A092818 - 2A455371	879288A39(5)	N/A	78-8M0059248(4)	32-879172A16
MIE 5.7L MPI DTS w/ V-Drive EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0071886(4)	32-879172A17
MIE 5.7L MPI DTS w/ V-Drive EC(12)	2011 - 2015	1A092818 - 2A455371	879288A39(5)	N/A	78-8M0059248(4)	32-879172A17
MIE MX 6.2 MPI	2002 - 2004	0M317000 - 0W389999	864920A02(5)	N/A	77-865009T04(4)	32-865039A 1(10)
MIE MX 6.2 MPI	2004 - 2006	0W390000 - 0W689999	864920A02(5)	N/A	77-866132T06(4)	32-865039A 1(10)
MIE MX 6.2 MPI	2006 - 2008	0W690000 - 1A091517	864920A02(5)	N/A	77-866132T05(4)	32-865039A 1(10)
MIE MX 6.2 MPI	2009	1A091518 - 1A091825	864920A02(5)	N/A	77-879194T41(4)	32-865039A 1(10)
MIE MX 6.2 MPI	2009 - 2015	1A091826 - 2A452368	864920A02(5)	N/A	77-879288T95(4)	32-865039A 1(10)
MIE MX 6.2 MPI DTS	2004 - 2008	0W390000 - 1A091517	864920A02(5)	N/A	866245T06(4)	32-865039A 1(10)
MIE MX 6.2 MPI DTS	2009	1A091518 - 1A091825	864920A02(5)	N/A	77-879355T80(4)	32-865039A 1(10)
MIE MX 6.2 MPI DTS	2009 - 2015	1A091826 - 2A452368	864920A02(5)	N/A	77-879288T99(4)	32-865039A 1(10)
MIE 6.2 MPI w/ In-Line EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0052737(4)	32-879172A16
MIE 6.2 MPI w/ In-Line EC(12)	2011 - 2015	1A092818 - 2A455246	879288A39(5)	N/A	78-8M0059364(4)	32-879172A16
MIE 6.2 MPI w/ V-Drive EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0052737(4)	32-879172A17
MIE 6.2 MPI w/ V-Drive EC(12)	2011 - 2015	1A092818 - 2A455246	879288A39(5)	N/A	78-8M0059364(4)	32-879172A17
MIE 6.2 MPI DTS w/ In-Line EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0052742(4)	32-879172A16
MIE 6.2 MPI DTS w/ In-Line EC(12)	2011 - 2015	1A092818 - 2A455246	879288A39(5)	N/A	78-8M0059259(4)	32-879172A16
MIE 6.2 MPI DTS w/ V-Drive EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0052742(4)	32-879172A17
MIE 6.2 MPI DTS w/ V-Drive EC(12)	2011 - 2015	1A092818 - 2A455246	879288A39(5)	N/A	78-8M0059259(4)	32-879172A17
MERCRUISER TOW SPORTS MODELS (SKI)						
Ski 5.7L Carb	2002 - 2011	0M317000 - 1A092837	(1)	N/A	N/A	N/A
Ski 350 Mag MPI	2002 - 2007	0M317000 - 1A089999	(1)	N/A	N/A	N/A
Ski 6.2L MPI In-Line	2015 - 2016	2A456613 - 2A530773	98-8M0112577(5)	N/A	N/A	98-8M0112579
Ski 6.2L MPI In-Line	2016 - 2023	2A530774 and up	98-8M0123588(5)	N/A	N/A	98-8M0123592
Ski 6.2L MPI V-Drive	2015 - 2016	2A456613 - 2A530773	98-8M0112577(5)(20)	N/A	N/A	98-8M0112580
Ski 6.2L MPI V-Drive	2016 - 2023	2A530774 and up	98-8M0123588(5)	N/A	N/A	98-8M0123593
Ski MX 6.2 MPI	2002 - 2007	0M317000 - 0W689999	(1)	N/A	N/A	N/A
Black Scorpion Ski	2002 - 2015	0M317000 - 2A460164	(1)	N/A	N/A	N/A

Engine Model	Year Range	Serial # Range	Closed Cooling Kit	Seawater Pump Kit	ECM	Hose Kit
MX 6.2 Black Scorpion Ski	2002 - 2015	0M317000 - 2A460138	(1)	N/A	N/A	N/A

(1) No Kit Available

(2) This closed cooling kit will not fit 3.0L engines with optional side mounts

(4) The ECM must be replaced when installing a closed cooling kit on this specific engine application. Due to the many updates throughout the year, the ECM listed may not be the appropriate ECM for your engine serial number. Please check the latest Electronic Parts Catalog

(5) Note the additional required kit(s) listed to complete the installation.

(6) Thru hull water pickup is not included with seawater pump kits. Obtain locally.

(7) 865188T01 Front Lift Bracket: Order this replacement bracket if the engine s/n is 0M600000-0M616622 or if a Bravo engine with an air actuated drain system.

(8) This hose kit required only if engine has 6 in. (152 mm) exhaust risers.

(9) Bravo drive applications require the installation of an additional thru-hull or transom mounted water pickup along with the drive unit water pickups. Order these components separately.

(10) This hose kit required only if engine has in-line transmission and 6 in. (152 mm) exhaust risers.

(11) If engine is equipped with 6 in. risers, also order Hose Kit 32-865998A01

(12) Emission Controlled engine

(13) This closed cooling kit will fit Alpha engines with the standard single point drain that incorporates the rod actuated water distribution housing only, and will NOT fit Alpha engines with the special single point drain tee fitting 22-8M2020634 with the blue drain plug which was required in some boats due to the hull design.

(14) Hose kit 32-865039A02 is also required for Axius EC engines

(15) If engine is equipped with risers, 1 of the following hose kits is also required to be ordered separately. Order 32-8M0051174 for engines with 2 in. risers. Order 32-8M0051175 for engines with 4 in. risers. Order 32-8M0051176 for engines with 6 in. risers.

(16) If this kit is being mounted on a 4.3L Alpha engine, also order serpentine belt 57-865615Q03

(17) This air actuated seawater pump rear cover is required to be ordered separately for Bravo applications.

(18) This hose kit only required if engine is equipped with 4.7 in. (119 mm) or 6 in. (152 mm) risers

(19) Alpha models also required a Water Block Off Kit p/n 8M0095447 to be ordered separately

(20) This kit will only fit 6.2L V-Drive Towsport models with DTS. Will not fit V-Drive models with mechanical throttle.

CLOSED COOLING KIT CHART - MCM (PRE-DRY JOINT EXH)

MCM Closed Cooling Kits (2002 and older)

Model	Model Notes	Heat Exchanger Location	Year Range	Serial # Range	Closed Cooling Kit	Belt Kit	Seawater Pump Kit
MCM 4 cyl. (153 cid)		Side	1983 - 1989	6229718 - 0C853255	61086A11	N/A	N/A
MCM 4 cyl. (181cid)	Carb engines	Side	1983 - 2023	6229718 and up	61086A11(19)	N/A	N/A
MCM V-6 (229 cid)		Front	1983 - 1984	6330183 - 6919655	N.L.A.	N/A	N.L.A.(2)
MCM V-6 (262 cid) Alpha	Stamped steel crankshaft pulley	Front	1985 - 1990	0A331455 - 0D445799	N.L.A.(6)	N/A	N.L.A.(2)
MCM V-6 (262 cid) Alpha	Cast crankshaft pulley	Front	1985 - 1990	0A331455 - 0D445799	N.L.A.(6)	N/A	N.L.A.(2)
MCM V-6 (262 cid) Alpha	V-belt	Front	1991 - 1996	0D445800 - 0F802999	N.L.A.(6)	N/A	N.L.A.(2)(3)
MCM V-6 (262 cid) Alpha	Serpentine belt	Front	1996 - 1999	0F803000 - 0L619083	860427A 4(1)(6)(11)	807901T 6(4)(5)	N/A
MCM V-6 (262 cid) Alpha		Front	1999 - 2001	0L619084 - 0M299999	N.L.A.	(21)	N/A
MCM V-6 (262 cid) Alpha	Carb engines	Front	2002	0M300000 - 0M343007	N.L.A.	(21)	N/A
MCM V-6 (262 cid) Alpha	Carb engines	Front	2002	0M343008 - 0M599999	N.L.A.	(22)	N/A
MCM V-6 (262 cid) Alpha	MPI engines	Front	2002	0M300000 - 0M343007	N.L.A.	(21)	46-8M0139983(2)
MCM V-6 (262 cid) Alpha	MPI engines	Front	2002	0M343008 - 0M599999	N.L.A.	(22)	46-8M0139983(2)
MCM V-6 (262 cid) Bravo	Serpentine belt	Front	1996 - 1999	0F803000 - 0L619083	860427A 4(1)(6)(11)	807901A 5(5)(7)	N/A
MCM V-6 (262 cid) Bravo		Front	1999 - 2001	0L619084 - 0M299999	N.L.A.	(20)	N/A
MCM V-6 (262 cid) Bravo	Carb engines	Front	2002	0M300000 - 0M343007	N.L.A.	(20)	N/A
MCM V-6 (262 cid) Bravo	Carb engines	Front	2002	0M343008 - 0M599999	N.L.A.	(23)	N/A
MCM V-6 (262 cid) Bravo	MPI engines	Front	2002	0M300000 - 0M343007	N.L.A.	(20)	N/A
MCM V-6 (262 cid) Bravo	MPI engines	Front	2002	0M343008 - 0M599999	N.L.A.	(23)	N/A
MCM V-8 (305 & 350 cid)		Front	1983 - 1986	6218462 - 0B525981	N.L.A.(6)	N/A	N.L.A.(2)
MCM V-8 (305 & 350 cid) Alpha	Stamped steel crankshaft pulley	Front	1987 - 1990	0B525982 - 0D445799	N.L.A.(6)	N/A	N.L.A.(2)
MCM V-8 (305 & 350 cid) Alpha	Cast crankshaft pulley	Front	1987 - 1990	0B525982 - 0D445799	N.L.A.(6)	N/A	N.L.A.(2)
MCM V-8 (305 & 350 cid) Alpha	V-belt	Front	1991 - 1996	0D445800 - 0F999999	N.L.A.(6)(12)	N/A	N.L.A.(2)
MCM V-8 (305 & 350 cid) Alpha	Serpentine belt	Front	1997	0K001506 - 0K999999	860427A 4(6)(13)	807901A 5(5)(7)	46-807151A 5(2)
MCM V-8 (305 & 350 cid Gen+) Alpha	Serpentine belt	Front	1997 - 1999	0K001506 - 0K999999	860427A 5(6)	807901A 5(5)(7)	46-807151A 5(2)

Model	Model Notes	Heat Exchanger Location	Year Range	Serial # Range	Closed Cooling Kit	Belt Kit	Seawater Pump Kit
MCM V-8 (305 & 350 cid Gen+) Alpha		Front	1998 - 1999	0L010035 - 0L618999	860427A 5(6)(11)	807901A 5(5)(7)	46-807151A 5(2)
MCM V-8 (305 & 350 cid Gen+) Alpha		Front	1999 - 2001	0L619000 - 0M299999	860427A 7(6)	(20)	46-807151A25(2)
MCM V-8 (305 & 350 cid Gen+) Alpha	Carb engines	Front	2002	0M300000 - 0M343007	860427A 7(6)	(20)	46-8M0139983(2)
MCM V-8 (305 & 350 cid Gen+) Alpha	Carb engines	Front	2002	0M343008 - 0M599999	860427A 7(6)	(23)	46-8M0139983(2)
MCM V-8 (305 & 350 cid Gen+) Alpha	MPI engines	Front	2002	0M300000 - 0M343007	N.L.A.	(20)	46-8M0139983(2)
MCM V-8 (305 & 350 cid Gen+) Alpha	MPI engines	Front	2002	0M343008 - 0M599999	N.L.A.	(23)	46-8M0139983(2)
MCM V-8 (305 & 350 cid) Bravo	V-belt	Front	1989 - 1996	0C407810 - 0F999999	N.L.A.(12)(14)	N/A	N/A
MCM V-8 (305 & 350 cid) Bravo	Serpentine belt	Front	1997	0K001506 - 0K999999	860427A 4(6)(13)	807901A 5(5)(7)	N/A
MCM V-8 (305 & 350 cid Gen+) Bravo		Front	1997 - 1999	0K001501 - 0L618999	860427A 5(6)	807901A 5(5)(7)	N/A
MCM V-8 (305, 350 & 377 cid Gen+) Bravo		Front	1999 - 2001	0L619000 - 0M299999	860427A 7	(20)	N/A
MCM V-8 (305, 350 & 377 cid Gen+) Bravo	Carb engines	Front	2002	0M300000 - 0M343007	860427A 7	(20)	N/A
MCM V-8 (305, 350 & 377 cid Gen+) Bravo	Carb engines	Front	2002	0M343008 - 0M599999	860427A 7	(23)	N/A
MCM V-8 (305, 350 & 377 cid Gen+) Bravo	MPI engines	Front	2002	0M300000 - 0M343007	N.L.A.	(20)	N/A
MCM V-8 (305, 350 & 377 cid Gen+) Bravo	MPI engines	Front	2002	0M343008 - 0M599999	N.L.A.	(23)	N/A
MCM V-8 (454 cid) TR/TRS	CEO exhaust manifolds	Rear	1982 - 1987	6083145 - 0B816540	N.L.A.(17)	N/A	N/A
MCM V-8 (454 cid) Alpha		Front	1986 - 1988	0A631894 and up	N/A	N/A	
MCM V-8 (454 cid) Bravo	Carb engines	Front	1988 - 1996	0B721206 - 0F800699	N.L.A.(15)	N/A	N/A
MCM V-8 (454 cid) Bravo	MPI engines	Front	1994 - 1996	0F115700 - 0F602009	N/A	N/A	
MCM V-8 (454 cid) Bravo	TBI & MPI engines & front mounted, vertical oil cooler	Front	1996 - 1997	0F602010 - 0K999999	807639A 3(16)	N/A	N/A
MCM V-8 (454 cid Gen VI) Bravo	Carb engines	Front	1996 - 1997	0F800700 - 0K999999	807639A 3	N/A	N/A
MCM V-8 (454 cid) Bravo	MPI engines & serpentine belt	Front	1998 - 2001	0L010003 - 0M024999	807639A 3	N/A	
MCM V-8 (502 cid) Bravo	Carb engines	Front	1990 - 1993	0C878221 - 0F114528	N.L.A.(15)	N/A	N/A
MCM V-8 (502 cid) Bravo	MPI engines	Front	1993 - 1996	0D840650 - 0F802599	N/A	N/A	
MCM V-8 (502 cid) Bravo	MPI engines & front mounted, vertical oil cooler	Front	1996 - 1997	0F802600 - 0K999999	807639A 3	N/A	N/A
MCM V-8 (502 cid) Bravo	MPIengines & serpentine belt	Front	1998 - 2001	0L017000 - 0M024999	807639A 3	N/A	

(1) This kit will fit all engines except the 1996 262 Mag EFI engines (S/N 0F803800 - 0F999999) with VST fuel system which does not have a kit available for it.

(2) Thru hull water pickup is not included with seawater pump kits

(3) If the seawater temperature that this boat will be operating in does not exceed 80 deg. F {26 deg. C}, a Seawater Pump Kit does not have to be installed. If the seawater temperature exceeds 80 deg. F {26 deg. C} , then a Pump kit is required.

(4) 807901A 4 Belt Kit: Order this belt kit instead of the one listed if the engine is in a dual engine boat and you are going to remove the power steering pump and hoses from this engine.

(5) 861578 P/S Pulley: Order this metal 5-3/4 in. (146 mm) P/S pulley if the engine has a plastic 4-3/4 in. (121 mm) O.D. power steering pulley. Reference MerCruiser Parts Bulletin 98-1

(6) Note the additional required kit(s) listed to complete the installation.

(7) 807901A 3 Belt Kit: Order this belt kit instead of the one listed if the engine is in a dual engine boat and you are going to remove the power steering pump and hoses from this engine.

(10) 57-861050 Belt Kit: Order this belt kit if the engine is in a dual engine boat and you are going to remove the power steering pump and hoses from this engine.

(11) 860315A 2 Extender and Hose Kit: Also order this kit if installing on a V-6 or V-8 (305 CID) with a carburetor

(12) Kit will not fit 1995-1996 (350 CID) EFI engines (S/N 0F225560 - 0F999999) with VST fuel system. No kit available.

(13) 32-861070T Fuel Line: Order this fuel line if the engine is below S/N 0K154018 and has a 2 bbl carburetor

(14) 85152A 2 Oil Cooler: This kit is required if boat will be operated in seawater above 90 Deg. F {32 Deg. C}

(15) 17833A 7 Installation Kit: This kit is required when 3 in. (76 mm) or 6 in. (152 mm) risers are installed.

(16) 32- 62987A 3 Hose Kit: Order this kit if engine is a 7.4LX TBI and is equipped with 5/8 in. (16 mm) I.D. hose and fittings from the back of the intake manifold to the engine water circulating pump

(17) 44443A 3 Installation Kit: This kit is also required

(18) No kit available

(19) Closed cooling kit will not fit 3.0L engines with side mounts

(20) 57-863876 8 Belt Kit: Order this belt kit if the engine is in a dual engine boat and you are going to remove the power steering pump and hoses from this engine.

(21) 57-863876 9 Belt Kit: Order this belt kit if the engine is in a dual engine boat and you are going to remove the power steering pump and hoses from this engine.

(22) 889432A 1 Belt Kit: Order this belt kit if the engine is in a dual engine boat and you are going to remove the power steering pump and hoses from this engine.

(23) 889433A 1 Belt Kit: Order this belt kit if the engine is in a dual engine boat and you are going to remove the power steering pump and hoses from this engine.

CLOSED COOLING KIT CHART - MIE (PRE-DRY JOINT EXH)

MIE Closed Cooling Kits (2002 and older)

Model	Model Notes	Year Range	Serial # Range	Closed Cooling Kit	Installations Kit
	FRONT MOUNTED COOLING KITS				
MIE V-8 (305 & 350 cid)	In-line transmission & CEO exh manifolds	1981 - 1993	5907058 - 0F024999	N.L.A.	N/A
MIE V-8 (305 & 350 cid)	V-drive transmission & CEO exh manifolds	1981 - 1993	5907058 - 0F024999	(3)	N/A
MIE V-8 (350 cid)	All transmissions	1994 - 1996	0F025000 - 0K040306	N.L.A.	N/A
MIE V-8 (350 cid)	Carb engine & serpentine belt	1997	0K040307 - 0K999999		
MIE V-8 (350 & 377 cid Gen+)		1997 - 2001	0K040300 - 0M299999	860427A 5	N/A
MIE V-8 (350 cid Gen+)	Carb engines	2002	0M300000 - 0M316999	860427A 5	N/A
MIE V-8 (350 & 377 cid Gen+)	MPI engines	2002	0M300000 - 0M316999	N.L.A.	N/A
MIE V-8 (454 cid)	Carb engines & B/W 72 series in-line or V-drive	1992 - 1997	0D715494 - 0K999999	N/A	
MIE V-8 (454 cid)	Carb engines & Hurth or B/W 5000 transmission	1992 - 1997	0D715494 - 0K999999	N.L.A.	N.L.A.(1)
MIE V-8 (454 cid Gen V)	MPI & TBI engines	1995 - 1996	0F563052 - 0F820103	N/A	
MIE V-8 (454 cid Gen VI)	MPI & TBI engines	1996 - 2001	0F820104 - 0L674613	807639A 3	N.L.A.(2)
MIE V-8 (502 cid)	Hurth transmission & cast iron exh manifolds	1990 - 1992	0C878221 - 0D857199	N.L.A.	N.L.A.(1)
MIE V-8 (502 cid)	Hurth transmission & stainless steel exh manifolds	1990 - 1992	0C878221 - 0D857199	N.L.A.	N.L.A.(1)
MIE V-8 (502 cid)	Carb engines & B/W 72 series in-line or V-drive	1993 - 1996	0D857200 - 0F819619	N/A	
MIE V-8 (502 cid)	Carb engines & Hurth or B/W 5000 transmission	1993 - 1996	0D857200 - 0F819619	N.L.A.	N.L.A.(1)
MIE V-8 (502 cid Gen VI)	MPI engines	1996 - 2001	0F819620 - 0L674200	807639A 3	N/A
	REAR MOUNTED COOLING KITS				
MIE V-8 (305 & 350 cid)	B/W in-line transmission & CEO exh manifolds	1981 - 1997	5907058 - 0K999999	N.L.A.	N.L.A.
MIE V-8 (305 & 350 cid)	Hurth or V-drive transmission & CEO exh manifolds	1981 - 1997	5907058 - 0K999999	N.L.A.	N.L.A.
MIE V-8 (350 & 377 cid Gen+)		1997 - 2001	0K040300 - 0M299999	N/A	
MIE V-8 (350 cid Gen+)	Carb engines	2002	0M300000 - 0M316999	N/A	
MIE V-8 (350 & 377 cid Gen+)	MPI engines	2002	0M300000 - 0M316999	N/A	
MIE V-8 (454 cid)	Carb engines & B/W 72 in-line series transmission	1981 - 1997	5889914 - 0K999999	N.L.A.	N.L.A.
MIE V-8 (454 cid)	Carb engines & B/W or Hurth V-drive trans.	1981 - 1997	5889914 - 0K999999	N.L.A.	N.L.A.
MIE V-8 (454 cid)	Carb engines & Hurth down-angle or B/W 5000	1989 - 1997	0C391564 - 0K999999	N.L.A.	N.L.A.
MIE V-8 (454 cid)	MPI & TBI engines & all transmissions	1995 - 1996	0F563052 - 0F820141	N/A	
MIE V-8 (454 cid)	MPI & TBI engines & all transmissions	1996 - 2001	0F820142 - 0L674613	N/A	
MIE V-8 (502 cid)	MPI engines & all transmissions	1990 - 2001	0C878221 - 0L674200	N/A	

(1) This installation kit is required when 3 in. (76 mm) or 6 in. (152) risers are installed.

(2) Order this hose kit if engine is equipped with 5/8 in. (16 mm) I.D. hose and fittings from the back of the intake manifold to the engine water circulating pump

(3) Use ONLY rear mounted closed cooling kit

(4) Use ONLY front mounted closed cooling kit

(5) No kit available

CLOSED COOLING KIT CHART - SKI (PRE-DRY JOINT EXH)

SKI Closed Cooling Kits (2002 and older)

Model	Model Notes	Year Range	Serial # Range	Closed Cooling Kit	Installation Kit
	FRONT MOUNTED COOLING KITS				
Black Scorpion Ski		1996 - 2002	0F800000 - 0M316999	N/A	
MX 6.2 MPI Black Scorpion Ski		2001 - 2002	0L680003 - 0M316999	N/A	
Ski V-8 (350 cid)	EFI engines	1994 - 1996	0F215561 - 0K040005	(1)	N/A
Ski V-8 (350 cid)	2 bbl. carb and v-belt	1994 - 1996	0F160285 - 0K040003	N.L.A.	N/A
Ski V-8 (350 cid)	4 bbl. carb and v-belt	1994 - 1996	0F160100 - 0K040399	N.L.A.	N/A
Ski V-8 (350 cid)	2 bbl. carb & serpentine belt	1997	0K040004 - 0K999999	N/A	
Ski V-8 (350 cid)	4 bbl. carb & serpentine belt	1997	0K040400 - 0K999999	860427A 4	N/A
Ski V-8 (350 cid Gen+)		1997 - 2001	0K040006 - 0M299999	860427A 5	N/A
Ski V-8 (350 cid Gen+)	Carb engines	2002	0M300000 - 0M316999	860427A 5	N/A
Ski V-8 (350 cid Gen+)	MPI engines	2002	0M300000 - 0M316999	N.L.A.	
Ski V-8 (454 cid)		1995 - 1996	0F215800 - 0F820099	(1)	N/A
	REAR MOUNTED COOLING KITS				
Black Scorpion Ski		1996 - 2002	0F800000 - 0M316999	(1)	N/A
MX 6.2 MPI Black Scorpion Ski		2001 - 2002	0L680003 - 0M316999	(1)	N/A
Ski V-8 (350 cid)	EFI engines	1994 - 1996	0F215561 - 0K040005	(1)	N/A
Ski V-8 (350 cid)	Carb engines & in-line transmission	1994 - 1997	0F160100 - 0K999999	N.L.A.	N.L.A.
Ski V-8 (350 cid)	Carb engines & V-drive transmission	1994 - 1997	0F160100 - 0K999999	N.L.A.	N.L.A.
Ski V-8 (350 cid Gen+)		1997 - 2001	0K040006 - 0M299999	N/A	
Ski V-8 (350 cid Gen+)	Carb engines	2002	0M300000 - 0M316999	N/A	
Ski V-8 (350 cid Gen+)	MPI engines w/ ECM 555	2002	0M300000 - 0M316999		
				N/A	
Ski V-8 (454 cid)		1995 - 1996	0F215800 - 0F820099	N/A	

(1) No kit available

(2) Use ONLY rear mounted closed cooling kit

(3) Use ONLY front mounted closed cooling kit

SEAWATER HOSE DRAIN KIT

This kit will allow draining of the seawater pump without having to remove the seawater hose. Kit is inserted into the existing seawater hose.

SEAWATER HOSE DRAIN KIT



861505A 1

Fits MCM/MIE engines equipped with a seawater pump.

ENGINE CIRCULATING PUMP DRAIN KIT

This kit will allow draining of the engine circulating water pump without having to remove the hose. Kit contains new circulating pump hose with drain fitting.

CIRCULATING PUMP HOSE



32-**861590A05**

Fits MCM/MIE GM V-6 and V-8 (305, 350 & 377 cid) engines

ENGINE FLUSH CONNECTOR KIT

For use with the engine circulating water pump drain kit (32-861590A2). Kit contains a quick disconnect fitting to attach to garden hose. Kit is designed to flush raw water cooled MIE & Ski engines without running the engine.

ENGINE FLUSH CONNECTOR KIT



22-**861932A 1**

Fits MIE & Tow Sports engines with drainable circulating pump hose.

ENGINE FLUSH KIT

ENGINE FLUSH KIT



898235A01

This kit will allow you to flush the engine while it is running, therefore offering a more complete flush of the raw water cooled components.

Fits 1988 & newer MCM 4.3L, 5.0L, 5.7L & 6.2L non-EC engines with BRAVO drives & MIE's. Also fits 1988-2001 MCM 7.4L & 8.2L non-EC engines with BRAVO drives & MIE's.
NOTE: Mounting bracket in kit will need to be REMOTE MOUNTED on V-6 engines with 1 pc exhaust manifolds or engines with stainless steel exhaust elbows.

ENGINE FLUSH KIT



98-**8M0123083**

This kit will allow you to flush the engine while it is running, therefore offering a more complete flush of the raw water cooled components.

Fits 2011 & newer MCM V6 4.3L MPI EC, Mercury 4.5L & 6.2L engines with BRAVO drives. Also fits Mercury 6.2 Towsports engines.

ENGINE FLUSH KIT



98-**8M0158580**

This kit will allow you to flush the engine while it is running, therefore offering a more complete flush of the raw water cooled components.

Fits 2019 & newer Mercury 6.2L 370HP jet power inboard engines.

ENGINE FLUSH KIT



879288A40

This kit will allow you to flush the engine while it is running, therefore offering a more complete flush of the raw water cooled components.

Fits 2008 & newer MCM 5.0L, 5.7L & 6.2L Emissions Control engines with BRAVO drives & MIE's.

ENGINE FLUSH KIT



898235A02

This kit will allow you to flush the engine while it is running, therefore offering a more complete flush of the raw water cooled components.

Fits 2001 & newer MCM/MIE 8.1L & 8.2L non-EC engines.

ENGINE FLUSH KIT



8M0057577

This kit will allow you to flush the engine while it is running, therefore offering a more complete flush of the raw water cooled components.

Fits 2008 and newer MCM/MIE 8.1L & 8.2L Emissions Control engines.

ENGINE FLUSH KIT



98-**8M0117940**

This kit will allow you to flush the engine while it is running, therefore offering a more complete flush of the raw water cooled components. Designed for engines with a 1.25 in (32 mm) I.D. inlet water hose

Fits MCM/MIE 135 & 150 (6.7L) diesel engines with BRAVO drives.
NOTE: Mounting bracket in kit will need to be REMOTE MOUNTED.

ENGINE FLUSH KIT



98-**8M0117939**

This kit will allow you to flush the engine while it is running, therefore offering a more complete flush of the raw water cooled components. Designed for engines with a 1.50 in (38 mm) I.D. inlet water hose

Fits MCM QSD 2.0L, 2.8L & 4.2L diesel engines with BRAVO drives & MIE's.
NOTE: Mounting bracket in kit will need to be REMOTE MOUNTED.

98-**8M0117938**

This kit will allow you to flush the engine while it is running, therefore offering a more complete flush of the raw water cooled components. Designed for engines with a 1.75 in (44 mm) I.D. inlet water hose

Fits MCM/MIE V-6 & V-8 TDI diesel engines. Also fits MCM/MIE 180, 200, 230, 260 & 280 (6.7L) diesel engines.
NOTE: Mounting bracket in kit will need to be REMOTE MOUNTED.

ENGINE FLUSH KIT



98-**8M0117941**

This kit will allow you to flush the engine while it is running, therefore offering a more complete flush of the raw water cooled components. Designed for engines with a 2.00 in (51 mm) I.D. inlet water hose

Fits MIE 480, 500 & 550 (6.7L) Tier 3 diesel engines.
NOTE: Mounting bracket in kit will need to be REMOTE MOUNTED.

FLUSHING ATTACHMENT

Image not Available.

8M0179906

Used for flushing the Bravo Four S sterndrive

FLUSHING ATTACHMENTS

FLUSHING ATTACHMENT



44357Q 2

Will allow for running at idle speeds. Attaches to the water intakes; provides a fresh water connection when flushing the cooling system or operating the engine.

Fits Mercury/Mariner 20 hp. and higher outboards, 9.9/15 hp. FourStroke (323cc) Bigfoot outboards, all Model Year 2005 and Newer 8/9.9 hp. Four Stroke outboards, 15 hp. FourStroke (351cc) outboards, all MerCruiser Sterndrives (except Bravo One Perf. & Blackhawk) and MHP Torque Master gearcases.
Note: 2000 and newer V-6 outboards and MerCruiser Bravo drives with dual water pick-up also require Dual Water Pick-Up Flush Seal Kit p/n 881150Q 1.

Priced individually, sold @ multiples of 4

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

DUAL WATER PICKUP FLUSH SEAL KIT



881150K 1

Provides a front water pick-up seal for gearcases with dual water pick-ups

Fits 2000 and newer Mercury/Mariner V-6 outboards with dual water pick-ups; and 2000 and newer MerCruiser Bravo One, X, XR & XZ drives with dual water pick-ups.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

FLUSHING KIT



849996T 1

Use for flushing gearcases with low water inlets/pick up.

Fits MCM Bravo I Performance & BlackHawk drives

FLUSHING ATTACHMENT

Image not Available.

8M0179906

Used for flushing the Bravo Four S sterndrive

GEARCASE FILLER PLUGS



22-**8M0163134**

Used to fix gearcase water pressure issues with the dual water inlet gearcase not supplying adequate water prssure and flow to the engine at the high installation "X" dimension heights that were used with the low water inlet gearcase.

Fits O/B & MCM Bravo gearcases with dual water pickups

DRIVESHAFT EXTENSION (JACKSHAFT) KITS

Converts standard sterndrive package to a driveshaft configuration for conventional center console and triple engine high performance applications.

JACKSHAFT MAIN KIT



98634A20

For use with DHB power steering system. Also order driveshaft kit separately to complete the installation.
Note: V-6 & V-8 (305, 350 & 377 cid) engines (s/n 0W650000 thru 2A528847) & 496 Mag engines (s/n 0W310000 thru 1A352731) also require harness 84-866785T01. If DTS, additional harness 84-866784T01 is also required.

Fits 1994 and newer MCM V-6 & V-8 gasoline models with DHB p/s cylinder (except MCM 4.5L & 6.2L - Mercury engines)

JACKSHAFT MAIN KIT



98-**8M0124634**

Order driveshaft kit separately to complete the installation.
Note: If DTS, additional harness 84-866784T01 is also required.

Fits 2014 and newer Mercury 4.5L & 2016 and newer 6.2L engines (s/n 2A530774 and up)

JACKSHAFT MAIN KIT



8M0101387

Primary application is triple engines. (Shaft not included)

Fits MCM 2.0L diesel

JACKSHAFT MAIN KIT



806843A06

Primary application is triple engines. (Shaft not included)
For the 2.8L installation, 2 pcs of 855454 (mount) and 4 pcs of 12-809931094 (washer) are required. For the 4.2L installation, 2 pcs of 896332029 (mount) and 4 pcs of 12-809931094 (washer) are required.

Fits MCM QSD 2.8L & 4.2L.

JACKSHAFT MAIN KIT



98-**8M0120321**

Primary application is triple engines. (Shaft not included)

Fits MCM 3.0L V6 TDI diesel

JACKSHAFT MAIN KIT



8M0085664

Primary application is triple engines. (Shaft not included)

Fits MCM 4.2L V8 TDI diesel

DRIVESHAFT KIT



45- **94819T 5**

34-1/2 in.(876 mm) driveshaft. Primary application is for use with the 2.8L, 4.2L & 7.3L diesel main kits, also triple engines applications.

DRIVESHAFT KIT



45- **86978A 3**

39.64 in.(1 m) optional driveshaft.

DRIVESHAFT KIT



45-**864286A 1**

63 in. (1.6 m) driveshaft. (Optional shaft for use with 2.8L, 4.2L & 7.3L diesel main kits.)

EXHAUST FLANGE KIT



862268A 4

Included with 98634A20 driveshaft Extension Kit
Fits MCM V-6 & V-8 gasoline models with DHB p/s cylinder.

DRIVESHAFT EXTENSION (JACKSHAFT) KIT CHART

MCM Driveshaft Extension Kits

Model	Model Notes	Year Range	Serial # Range	Main Kit	Drive Shaft (Standard)	Drive Shaft (Optional)
MCM V-6 & V-8	For engines w/ Saginaw p/s system	1991 - 1993	0D445877 - 0F114599	N.L.A.	N/A	45- 94819T 5(2)
MCM V-6 & V-8	For DHB p/s system (except 4.3L MPI & 496 Mag)	1994 - 2006	0F114600 - 0W649999	98634A20	N/A	45- 94819T 5(2)
MCM V-6 & V-8	For DHB p/s system (except 4.3L MPI & 496 Mag)	2006 - 2014	0W650000 and up	98634A20(7)(8)(9)	N/A	45- 94819T 5(2)
MCM 4.3L MPI		2002 - 2006	0M300000 - 0W649999	98634A20	N.L.A.	45- 94819T 5(2)
MCM 4.3L MPI		2006 - 2016	0W650000 - 2A528897	98634A20(7)(8)	N.L.A.	45- 94819T 5(2)
MCM 4.5L		2014 - 2016	2A441953 - 2A530777	98-8M0124634	N/A	45- 94819T 5(2)
MCM 4.5L		2016 - 2023	2A530778 and up	98-8M0124634	N/A	45- 94819T 5(2)
MCM 6.2L		2015 - 2016	2A456613 - 2A530777	98-8M0124634	N/A	45- 94819T 5(2)
MCM 6.2L		2016 - 2023	2A530778 and up	98-8M0124634	N/A	45- 94819T 5(2)
MCM 496 Mag		2001 - 2005	0M025000 - 0W309999	98634A20	N/A	45- 94819T 5(2)
MCM 496 Mag		2005 - 2010	0W310000 - 1A352731	98634A20(7)(8)	N/A	45- 94819T 5(2)
MCM 8.2L Mag		2010 - 2023	1A350340 and up	98634A20(7)(8)	N/A	45- 94819T 5(2)

Model	Model Notes	Year Range	Serial # Range	Main Kit	Drive Shaft (Standard)	Drive Shaft (Optional)
MCM D1.7L DTI		2001 - 2009	0M055000 and up	N.L.A.	N.L.A.	N.L.A.
MCM D2.8L ES & EI		1997 - 2005	0K144109 - 88010499	N.L.A.	45- 94819T 5	45-864286A 1
QSD 2.8L		2007 - 2023	88300000 and up	806843A06	45- 94819T 5	45-864286A 1
3.0L V6 TDI		2013 - 2023	All - All	98-8M0120321	45- 94819T 5	N/A
4.2L V8 TDI		2013 - 2023	All - All	8M0085664	45- 94819T 5	N/A
MCM D4.2L		1994 - 1997	0D554732 - 0L668673	N.L.A.	45- 94819T 5	45-864286A 1
MCM D4.2L ES & EI		1997 - 2023	0K144114 and up	N.L.A.	45- 94819T 5	45-864286A 1
QSD 4.2L		2007 - 2023	88400000 and up	806843A06	45- 94819T 5	45-864286A 1
MCM D7.3L		1994 - 1996	0F060000 and up	N.L.A.	45- 94819T 5	45-864286A 1
MCM D7.3L D-Tronic		1997 - 2001	0K095775 and up	N.L.A.	45- 94819T 5	45-864286A 1

(1) Exhaust tube only

(2) For triple engine applications, this shorter driveshaft [34-1/2 in.(876mm)] may be required.

(3) Exhaust extension kit is for use on engines 300 HP and below.

(5) No kit available

(6) Exhaust flange kit

(7) Order transom harness 84-866785T01separately to complete an MPI engine installation.

(8) Order this additional harness 84-866784T01 if engine has DTS

(9) Order transom harness 84-899719T05 separately to complete a carburated engine installation.

TAILSTOCK KITS

TAILSTOCK KIT



98-**8M0106961**

For jet drive applications
Fits QSD 2.0L, 2.8L & 4.2L diesels

TAILSTOCK KIT



8M0098561

For jet drive applications
Fits MCM 3.0L V6 TDI diesels

TAILSTOCK KIT

Image not Available.

8M0202721

For jet drive applications
Fits MCM 3.0L VM V6 diesels

TAILSTOCK KIT



8M0098562

For jet drive applications
Fits 4.2L V8 TDI diesels

TAILSTOCK KITS



98-**8M0106963**

For jet drive applications
Fits Mercury 6.2L and 8.2L engines

REMOTE OIL FILTER KITS

Relocates the oil filter from lower block mount to a higher exhaust elbow mount for ease of servicing.

REMOTE OIL FILTER KIT



807459A 3

Fits 1996-2002 MCM V-6 (Gen+) Carb & TBI engines (s/n 0F803000-0M614999). Also fits the 4.3L Plus-Series engine.

REMOTE OIL FILTER KIT



864990A 2

Fits 2002-2015 MCM V-6 Carb engines (s/n 0M615000 thru 2A454127).

REMOTE OIL FILTER KIT



35-**806329A 1**

Fits 1996-2015 MCM/MIE V-8 (305 & 350 cid) engines with 4 in.(102 mm) O.D. exhaust elbows. Also fits 1997-2002 Tow Sports V-8 (350 & 377 cid) engines (s/n 0K040001-0M316999). See application chart.

REMOTE OIL FILTER KIT



807459A09

Fits 1997-2002 MCM V-8 (305 & 350 cid) carb engines with standard cooling (s/n 0K001501-0M614999).

REMOTE OIL FILTER KIT



864990A 1

Fits 2001-2002 MCM V-8 (305 & 350 cid) carb engines with closed cooling (s/n 0M300000-0M614999). Fits 2002-2009 MCM V-8 (305 & 350 cid) carb engines (s/n 0M615000 thru 1A607561).

REMOTE OIL FILTER KIT CHART

MCM Remote Oil Filter Kits

Model	Model Notes	Year Range	Serial # Range	Remote Oil Filter Kit
MCM 4 cyl. (153 & 181 cid)		1983 - 1995	6229718 and up	(5)
MCM 4 cyl. (181 cid)		1996 - 2015	0F604000 and up	N.L.A.
MCM V-6 (229 cid)		1983 - 1984	6330183 and up	(5)
MCM V-6 (262 cid)	3 in.(76 mm) exhaust elbows	1985 - 1986	0A331455 - 0B527955	(5)
MCM V-6 (262 cid)	4 in.(102 mm) exhaust elbows	1985 - 1990	0A331455 - 0D445799	N.L.A.
MCM V-6 (262 cid)		1991 - 1996	0D445800 - 0F802999	N.L.A.(2)(3)
MCM V-6 (262 cid) (Gen +)	Carb & TBI engines	1996 - 2002	0F803000 - 0M614999	807459A 3

Model	Model Notes	Year Range	Serial # Range	Remote Oil Filter Kit
MCM V-6 (262 cid) (Gen +)	Carb engines	2002 - 2015	0M615000 - 2A454127	864990A 2
MCM V-6 (262 cid) (Gen +)	MPI engines	2002 - 2016	0M300000 - 2A506375	(6)
MCM V-8 (305 & 350 cid)	CEO exhaust manifolds	1983 - 1986	6218462 - 0B525981	N.L.A.(4)
MCM V-8 (305 & 350 cid)	3 in.(76 mm) exhaust elbows	1987 - 1990	0B525982 - 0D445799	N.L.A.(4)
MCM V-8 (305 & 350 cid)	4 in.(102 mm) exhaust elbow	1987 - 1990	0B525982 - 0D445799	35-806329A 1(1)(2)(3)
MCM V-8 (305 & 350 cid) Alpha		1991 - 1996	0D445800 - 0K001500	35-806329A 1(1)(2)(3)
MCM V-8 (305 & 350 cid) Bravo		1991 - 1996	0D445800 - 0K001500	(6)
MCM V-8 (305 & 350 cid)		1997 - 2001	0K001501 - 0M299999	807459A09
MCM V-8 (305 & 350 cid)	Carb engines	2002	0M300000 - 0M614999	807459A09
MCM V-8 (305 & 350 cid)	Carb engines	2002 - 2009	0M615000 - 1A607561	864990A 1
MCM V-8 (305, 350 & 377 cid)	MPI engines	2002 - 2014	0M300000 - 2A445872	(6)
MIE V-8 (305, 350 & 377 cid)	CEO exhaust manifolds	1981 - 2023	5907058 and up	(6)
Ski V-8 (350 cid)	3 in.(76 mm) exhaust elbows	1987 - 1990	0B514627 - 0D434549	N.L.A.(4)
Ski V-8 (350 cid)	4 in.(102 mm) exhaust elbow	1987 - 1996	0B514627 - 0K040000	35-806329A 1(1)(2)(3)
Ski V-8 (350 cid)		1997 - 2002	0K040001 - 0M316999	35-806329A 1(1)(2)(3)
Ski V-8 (350 & 377 cid)		2002 - 2015	0M317000 - 2A455977	(5)
MX 6.2L Black Scorpion Ski		2001 - 2015	0L670015 - 2A460138	(7)
MCM/MIE V-8 (454, 496 & 502 cid)	CEO exhaust manifolds	1982 - 2023	6083145 and up	(6)
Ski V-8 (454 cid)		1995 - 1996	0F215800 and up	(6)

(1) If the engine has stainless steel exhaust elbows on it, order Oil Filter Bracket Kit P/N 817403A 4 also.

(2) If the engine has 6 in.(152 mm) risers installed on it, an Oil Filter Hose Extension Kit may be required.

(3) If the engine has cast iron exhaust elbows and 3 in.(76 mm) risers, order 2 studs P/N 16-11376

(4) If the engine has 3 in.(76 mm) risers, order 2 studs P/N 16-34713

(5) No Kit Available

(6) Standard Equipment

(7) Factory installed option only

REMOTE OIL FILTER BRACKET KIT

Relocates the oil filter when installing 6 in.(152 mm) risers to engines that have the remote oil filter bracket attached to the cast iron exhaust elbows.

REMOTE OIL FILTER BRACKET KIT CHART

MCM Oil Filter Bracket

Model	Year Range	Serial # Range	Oil Filter Bracket Kit
MIE 5.7L (Gen +)	1998 - 2001	0L002003 - 0M299999	N.L.A.
MIE 350 Mag MPI (Gen +)	1998 - 2001	0L002008 - 0M299999	N.L.A.
MIE 350 Horizon (Gen +)	1999 - 2001	0L304700 - 0M299999	N.L.A.
MIE MX 6.2 MPI	2001	0L680003 - 0M299999	N.L.A.
Ski 5.7L	1997	0K040004 - 0K999999	N.L.A.
Ski 5.7L (Gen +)	1998 - 2001	0L002005 - 0M299999	N.L.A.
Ski 350 Mag	1997	0K040400 - 0K999999	N.L.A.
Ski 350 Mag EFI (Gen +)	1997	0K040006 - 0K999999	N.L.A.
Ski 350 Mag MPI (Gen+)	1998 - 2001	0L002600 - 0M299999	N.L.A.
Black Scorpion Ski MIE	1997 - 2003	0K040001 - 0M391599	N.L.A.
MX 6.2 Black Scorpion Ski	2001 - 2003	0L680015 - 0M391599	N.L.A.
MCM 7.4L Bravo (Gen VI)	1996 - 1997	0F800700 - 0K999999	N.L.A.
MIE 7.4L MPI (Gen VI)	1998 - 2001	0L002006 - 0L674613	N.L.A.
MIE 454 Mag MPI Horizon	1998 - 2001	0L002200 - 0L674000	N.L.A.
MIE 8.2L MPI (Gen VI)	1998 - 2001	0L002450 - 0L674200	N.L.A.

OIL DRAIN HOSE KITS

These oil drain kits allow draining of engine oil through the oil pan drain plug.

OIL DRAIN KIT



32-**865277A02**

Includes special tether so oil drain hose can be pulled out through the boat bilge drain hole to drain engine oil. Boat needs to be removed from the water to take advantage of this feature.

Fits 1983 and newer MCM GM 4 cyl, 1995 and older MCM V-6 & V-8 engines (all, except 8.1L) with standard (SAE) 1/2-20 oil drain plug threads.

OIL DRAIN KIT



32-865278A03

Includes special tether so oil drain hose can be pulled out through the boat bilge drain hole to drain engine oil. Boat needs to be removed from the water to take advantage of this feature.

Fits 1997-2000 MCM V-6 (s/n 0K000000-0M000000).

OIL DRAIN KIT



32-865278A04

Includes special tether so oil drain hose can be pulled out through the boat bilge drain hole to drain engine oil. Boat needs to be removed from the water to take advantage of this feature.

Fits 2009-2016 and newer MCM V-6 MPI engines (s/n 1A343329 thru 2A528897).

OIL DRAIN KIT



32-865281A02

Includes special tether so oil drain hose can be pulled out through the boat bilge drain hole to drain engine oil. Boat needs to be removed from the water to take advantage of this feature.

Fits 1996 and up MCM V-8 engines with metric M12 oil pan drain plug threads. Also fits 4.5L V6 engines.

OIL DRAIN HOSE KIT CHART

MCM Oil Drain Hose Kits

Model	Model Notes	Year Range	Serial # Range	Oil Drain Hose Kit with Tether
MCM 4 cyl. (153 & 181 cid)		1983 - 2016	6229718 - 2A506300	32-865277A02
MCM V-6 (229cid)		1983 - 1984	6330183 - 6919655	32-865277A02
MCM V-6 (262cid)		1985 - 1996	0A331455 - 0F802999	32-865277A02
MCM V-6 (262cid)	Cast aluminum oil pan	1996	0F803000 - 0K000000	(1)
MCM V-6 (262cid)		1997 - 2002	0K000001 - 0M614999	32-865278A03
MCM V-6 (262cid)	Jackshaft models	1999 - 2012	0L320000 and up	N.L.A.
MCM V-6 (262cid)	MPI engines	2009 - 2016	1A343329 - 2A528897	32-865278A04
MCM V-6 4.5L	MPI engines	2014 - 2023	2A441953 and up	32-865281A02
MCM V-8 (305 & 350cid)	1/2-20 oil plug threads	1983 - 1995	6218462 - 0F600999	32-865277A02
MCM V-8 (305, 350 & 377cid)	12MM oil plug threads	1996 - 2015	0F601000 - 2A455872	32-865281A02
MCM V-8 (305, 350 & 377cid)	MPI engines	2009 - 2015	1A342186 - 2A455878	32-865281A02
MCM V-8 6.2L Mercury	MPI engines	2016 - 2023	2A456613 and up	32-865281A02
MCM V-8 (454cid)	1/2-20 oil plug threads	1982 - 1996	6083145 - 0F800699	32-865277A02
MCM V-8 (454cid)	12MM oil plug threads	1996 - 2001	0F800700 - 0M024999	32-865281A02
MCM V-8 (496cid)	12MM oil plug threads	2009 - 2012	1A349411 - 1A352731	32-865281A02
MCM V-8 (502cid)	1/2-20 oil plug threads	1990 - 1993	0C878221 - 0F802599	32-865277A02

Model	Model Notes	Year Range	Serial # Range	Oil Drain Hose Kit with Tether
MCM V-8 (502cid)	12MM oil plug threads	1996 - 2023	0F802600 - 0M024999	32-865281A02

(1) Kit not available

WATER ELIMINATOR

Uses polymer crystals encased in a plastic filter to absorb water from the fuel in a fuel tank. Supplied with a 2 ft.(610 mm) lanyard. Sold in counter display box. Approximate dimensions: 3-1/2 in.(89 mm) a 1-1/4 in.(32 mm).

WATER ELIMINATOR



67-808887Q

Contains a drying agent commonly used to keep small, sealed containers dry. It absorbs water that has collected in the fuel tank.
How to use: Attach to the inside fuel cap with the lanyard (included). Adjust the lanyard so the Water Eliminator sits at the bottom of the fuel tank. Replace as needed.
For use in all octane grades of gasoline, including ethanol blended. Not recommended for diesel fuel.
For use in all 2-cycle and 4-cycle gasoline outboard, sterndrive, inboard and jet drive marine engines.
Priced individually, sold @ multiples of 6
Quicksilver Branded, Point of Sale Packaged.

BOOST PUMP KIT

BOOST PUMP KIT



862264A 7

Helps minimize vapor locking
Fits MCM/MIE 4.3L, 5.0L, 5.7L & 6.2L EFI/MPI engines

FUEL FILTER KIT

FUEL FILTER KIT



35-864572A 1

Prevents blockage of the boost pump inlet from debris that may be in the fuel tank. This filter is installed in-line between the fuel tank and boost pump. Standard equipment with all current engines using a boost pump. This filter will backfit older MerCruiser 8.1S/496 Mag engines.
Fits all MCM/MIE gasoline engines using a boost pump.

FUEL FILTER



35-864572

Replacement in-line filter
Fits all MCM/MIE gasoline engines using a boost pump.

HIGH CAPACITY WATER SEPARATING FUEL FILTER - GASOLINE OR DIESEL

WATER SEPARATING FUEL FILTER KIT



35-8M0082290

Kit consisting of our vessel mounted head (without fittings) and our High Capacity water separating fuel filter. Our brass fittings may be used with gas engines but stainless steel fittings p/n 22-8M0058419 are required in diesel applications. Filter features 10 micron, 90% efficiency with a 120 gallon per hour flow rate.
Compatible with most 2-Stroke and 4-Stroke Outboards and most Inboard & Sterndrive Gas and Diesel Engines.

WATER SEPARATING FUEL FILTER



35-8M0079963

High volume replacement filter featuring 10 micron filtration with over 90% efficiency, flowing 120 gallons per hour while separating water from your fuel. The internal epoxy coating protects against corrosion and the low pressure drop reduces fuel flow restriction helping to prevent vapor-locking and stalling. This filter contains 25% more media than comparable aftermarket filters, providing longer life and improved water separation.

Fits remote mounted applications that do not have clearance issues.

WATER SEPARATING FUEL FILTERS -GASOLINE

WATER SEPARATING FUEL FILTER KIT



35-802893A 4

Filter Kit, including filter canister and bracket. All Mercury, Mariner and Force outboards with a pulse driven fuel pump that do not already have a water separating fuel filter can gain benefit from this externally mounted kit. Degree of filtration is 25 micron. minimum.

Used in both outboard and MerCruiser applications (except 1992 MerCruiser 4.3 L Gen II engines equipped with an in-line fuel filter).

Mercury Precision Branded, Box Point of Sale Packaged.

WATER SEPARATING FUEL FILTER KIT



35-802893Q 4

For gasoline use only. Degree of filtration is 25 micron, minimum.

Used in both outboard and MerCruiser applications (except 1992 MerCruiser 4.3 L Gen II engines equipped with an in-line fuel filter).

Quicksilver Branded, Box Point of Sale Packaged.

WATER SEPARATING FUEL FILTER KIT



35-807172A 1

For gasoline use only.

For use on 1992 MCM 4.3L Gen II engines equipped with an in-line fuel filter.

FUEL FILTER



35-866594K01

10 micron

For MerCruiser 1.6L Vazer and 3.0L MPI EC engines

Mercury Precision Branded, Box Point of Sale Packaged.

WATER SEPARATING FUEL FILTER



35-802893Q01

25 micron

Used in both outboard and MerCruiser applications (except 1992 MerCruiser 4.3 L Gen II engines equipped with an in-line fuel filter & 1.6L Vazer and 3.0L MPI engines).

Priced individually, sold @ multiples of 6

Quicksilver Branded, Box Point of Sale Packaged.

WATER SEPARATING FUEL FILTER



35-8M0000202

Fits Mercury Racing 850, 1075 & 1200 SCi engines

WATER SEPARATING FUEL FILTER KIT



35-**8M0000493**

For Mercury Racing 1200 SCi and all QC4V engines

WATER SEPARATING FUEL FILTER



35-**892687A02**

Replacement filter & canister

Fits 2004-2015 MCM/MIE engines with Gen III fuel cooler

WATER SEPARATING FUEL FILTER



35-**8M0093688**

Replacement filter

Fits 2004-2015 MCM/MIE engines with Gen III fuel cooler

WATER SEPARATING FILTER BRACKET



89876A 3

Includes brass fittings. 11/16-16 threads

For vessel mounted applications.

OIL FILTER WRENCH



91-**889277Q01**

Metal wrench, requires a 3/8 in. drive ratchet.

Fits the (877761__) oil filter found on the 75-115 EFI FourStroke outboard (serial number 1B366823-2B094995) and the 150 hp. EFI FourStroke outboard. Also fits the MCM (866340__) oil filter and (802893__) fuel filter found on many MCM engines.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

THREADED HOSE BARB



22- **89771Q 2**

For use with 5/16" (8 mm) I.D. hose and applications requiring a 1/4" NPT thread. Threads into our portable fuel tanks and will also work with our water separating filter bracket.

A .250 inch ID brass fitting for use with gasoline fuel only. This material should not be used with diesel fuels.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

THREADED HOSE BARB



22-**8M0058419**

For use with 5/16" (8 mm) I.D. hose and applications requiring a 1/4" NPT thread. Threads into our portable fuel tanks and will also work with our water separating filter bracket.

A stainless steel fitting for use with both gasoline and diesel fuel.
This fitting has a .300 inch ID.

THREADED HOSE BARB



22-**8M0125175**

For use with 3/8"-18 (9.5MM). Threads into our portable fuel tanks and will also work with our water separating filter bracket.

.375 inch ID stainless steel fitting for use with both gasoline and diesel fuel.

FUEL LINE SNAPPER CLAMP



54- **41582T 7**

Fuel line hose clamp.

For use with our gray color, 5/16 in. (8 mm) I.D. fuel line.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

WATER SEPARATING FUEL FILTERS -DIESEL

WATER SEPARATING FUEL FILTER



35-**8M0150911**

Fits 1.7 MS 120

WATER SEPARATING FUEL FILTER



35-**879172104**

Fits all QSD 2.0, 2.8, & 4.2 engines

WATER SEPARATING FUEL FILTER



35-**8M0103963**

Fits 530D-TA/D183/D3.0L (s/n 0B993002-0D725459), 636D-TA/D219/D3.6L (s/n 0B993002-0F306929), and D254/D4.2L (s/n 0C489461-0F450249) diesel engines

WATER SEPARATING FUEL FILTER



35-**807256T**

Fits 2.8 EI & ES, D3.0L (s/n 0D725460 and up), D3.6L (s/n 0F306930 and up), and D4.2L (s/n 0F450250 and up)

WATER SEPARATING FUEL FILTER



35-**8M0135210**

Replacement element

Fits MCM/MIE 3.0L V6 VM diesel engines.

WATER SEPARATING FUEL FILTER



35-**880830T**

Replacement element

Fits 4.2L MI & MS

WATER SEPARATING FUEL FILTER



35-**808275**

Fits D7.3L (s/n 0F060000 and up)

WATER SEPARATING FUEL FILTER



35-**8M0067337**

Replacement element

Fits MCM/MIE 1.9L, 2.5L, 3.0L V6 amd 4.2L V8 TDI diesel engines.

WATER SEPARATING FUEL FILTER



35-**8M6002390**

Fits MCM/MIE 4.2L V8 TDI 335 & 370 diesel engines (s/n CMC000200 & up)

RACOR WATER SEPARATING FUEL FILTERS -GASOLINE

These unique filters have a reusable bowl at the bottom of the filter. The bowl is made of metal to meet U.S. Coast Guard Regulations. These filters will flow up to 90 gallons (341 L) per hour and spin on existing MerCruiser and Volvo Penta inboards. Note: Clearance problems may occur in some instances. Check filter clearance prior to installation. For gasoline use. Can be mounted to filter bracket 89876A 3.

RACOR WATER SEPARATING FUEL FILTER



35-**809100**

Includes metal bowl.

All MCM/MIE models, except 1992 MCM 4.3L Gen II engines equipped with an in-line fuel filter. Degree of filtration is 10 micron.

RACOR WATER SEPARATING FUEL FILTER



35-**809101**

All MCM/MIE models, except 1992 MCM 4.3L Gen II engines equipped with an in-line fuel filter. Degree of filtration is 10 micron.

RACOR WATER SEPARATING FUEL FILTERS -DIESEL

10 micron filter

RACOR WATER SEPARATING FUEL FILTER



35-**850481**

3/4 in.(19 mm) - 16 SAE thread inlet and outlet

For diesel engines

35-**809867**

14 mm thread inlet and outlet

For diesel engines

RACOR WATER SEPARATING FUEL FILTER



35-**809868T**
Replacement Racor 10 micron element
For diesel engines with Racor water separating fuel filter

SEAWATER PICKUPS

SEAWATER PICKUP



88845A 1
Transom mount, for 1-1/4 in.(32 mm) hose.
Fits any sterndrive engine that has an engine mounted seawater pump.

SEAWATER PICKUP



22-**8M0102849**
Transom mount, for 1-1/2 in.(38 mm) hose.
Primarily used on diesel engines with 1-1/2 in.(38 mm) seawater inlet hose.

SEAWATER PICKUP



22-**818170A 2**
Bronze, thru hull mount with seacock, 1-1/2 in.(38 mm) pipe size.
Primarily used on diesel applications with 1-1/2 in.(38 mm) seawater inlet hose

SEAWATER PICKUP



8M0113313
Bronze, thru hull mount, 2" (51 mm) pipe size
Primarily used on diesel applications with 2" (51 mm) seawater hose

SEAWATER STRAINER

SEAWATER STRAINER



35-**860603**
Primarily used on diesel applications. For use with 1-1/2 in. (38 mm) I.D. seawater inlet hose. Order 1-1/2 in. (38 mm) barb fittings separately p/n 22-816339.

FITTING



22-**816339**
1-1/2 in.(38 mm) barb fitting for use with seawater strainer 35-860603

WATER PRESSURE RELIEF VALVE KIT

WATER PRESSURE RELIEF VALVE KIT



863208A 3
The purpose of this kit is to regulate engine block water pressure to a maximum of 30 psi and vent excess water overboard.
Fits all MCM engines in high performance applications where engine block water pressures are exceeding the maximum 30 psi.

CHECK VALVE KIT

CHECK VALVE KIT



864206A02

Prevents the discharge of engine cooling water through the drive unit during short term storage conditions.

Fits 2005-2015 MCM V-8 (305, 350 & 377 cid) MPI Bravo engines with standard cooling and Gen III fuel cool (s/n 0W060000 thru 2A455878). Not for use with Axius engines.

CHECK VALVE KIT



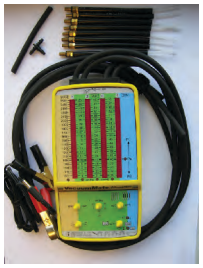
864206A03

Prevents the discharge of engine cooling water through the drive unit during short term storage conditions.

Fits 2005-2015 MCM V-8 (305, 350 & 377 cid) MPI Bravo engines with closed cooling and Gen III fuel cool (s/n 0W060000 thru 2A455872). Not for use with Axius engines.

DIAGNOSTIC TOOLS FOR MULTIPLE CYLINDER APPLICATIONS

VACUUMMATE



91-**889236**

3-in-1 Multi-function tool. Water and shock-resistant. Intake synchroniser / Dynamic fault analyser (valve diagnostics)/ Tachometer. Allweather, can be used outdoors, even floats if dropped into the water.
This Marine model has rechargeable batteries for greater ease of use.
Delivered with the VacuumMate in a nylon case are the unique flexi-rigid 4xM6, 4xM5 & T-piece adapters and a 12V power / charge cable

PROPELLER SHAFT COUPLERS FOR MIE ONLY

Includes set screw and through bolts.

PROPELLER SHAFT COUPLER



79476A 1

5 in.(127 mm) diameter flange, 1 in.(25 mm) diameter bore

Fits Borg Warner 71 series Inline - 1.5:1, 2:1, 2.5:1, or 3:1 ratio; Borg Warner 71 series V-Drives; all 72 series; and all Hurth series transmissions

79476A 4

5 in.(127 mm) diameter flange, 1-3/8 in.(35 mm) diameter bore

Fits Borg Warner 71 series Inline - 1.5:1, 2:1, 2.5:1, or 3:1 ratio; Borg Warner 71 series V-Drives; all 72 series; and all Hurth series transmissions

79476A 5

5 in.(127 mm) diameter flange, 1-1/2 in.(38 mm) diameter bore

Fits Borg Warner 71 series Inline - 1.5:1, 2:1, 2.5:1, or 3:1 ratio; Borg Warner 71 series V-Drives; all 72 series; and all Hurth series transmissions

79476A 6

5 in.(127 mm) diameter flange, 1-3/4 in.(44 mm) diameter bore

Fits Borg Warner 71 series Inline - 1.5:1, 2:1, 2.5:1, or 3:1 ratio; Borg Warner 71 series V-Drives; all 72 series; and all Hurth series transmissions

GEAR HOUSING REPLACEMENT SKEGS

REPLACEMENT SKEG



90185A 1

Will not fit original Alpha One drives

For MCM Alpha One Gen II drives (s/n 0D469859 and above)

REPLACEMENT SKEG



815632A02

For MCM Bravo One & Bravo Three drives

REPLACEMENT SKEG



806688A02

For MCM Bravo Two drives

TRANSOM ADAPTER KIT

For use when replacing a Volvo or BMW sterndrive with a new standard MCM Alpha or Bravo sterndrive. It provides a rugged mounting that seals the competitors" larger transom cutouts and eliminates costly rework to fiberglass, aluminum, or steel transoms.

TRANSOM ADAPTER KIT



827691A 1

For use when replacing a Volvo or BMW sterndrive with a standard MerCrusier Alpha or Bravo sterndrive assembly. This kit provides a rugged mounting support that seals the competitors' larger transom cutouts and eliminates costly rework to fiberglass, aluminum, or steel transoms.

For use with 1970-1987 BMW Z-drives Mark 1 & Mark 2
For use with 1969-1977 Volvo AQ250, 270, 275, 280, 258, 290 & 290DP
For use with 1997 & older Volvo DP sterndrivedrives

MERCATHODE

Automatically protects the sterndrive from galvanic corrosion. A solid state device that operates off a 12 voltThe increased output provides greater protection for underwater aluminum parts. Its reliable, efficient operation requires an insignificant amount of current when protection is needed.

MERCATHODE KIT



98-**8M0122010**

Factory fit
Anode/reference electrode unit mounts in place of zinc anode under the gimbal housing, eliminating the need to drill holes through the transom. The new black Gen III MerCathode controller with the red decal is mounted inside the boat.

Fits 2014 and newer 4.5L V6 with Alpha drives

MERCATHODE KIT



8M0089497

Universal fit.
Anode/reference electrode unit mounts in place of zinc anode under the gimbal housing, eliminating the need to drill holes through the transom. The new black Gen III MerCathode controller with the red decal is mounted inside the boat.

Fits 2014 and newer Bravo drives

MERCATHODE KIT



8M0085693

Anode/reference electrode unit mounts in place of zinc anode under the gimbal housing, eliminating the need to drill holes through the transom. The new black Gen III Mercathode controller with the blue decal is mounted inside the boat.

Fits R, MR, Alpha One & Gen II, and Bravo drives. (2013 and older)

MERCATHODE KIT



42600A14

Kit includes the new black Gen III MerCathode controller with the red decal and 2 transom mounted anodes for boats requiring additional corrosion protection. This kit is used in conjunction with gimbal mounted anode/reference electrode unit p/n 98869A14. The new MerCathode controller replaces the existing blue controller mounted inside the boat.

Fits R, MR, Alpha One, Gen II & Bravo drives

MERCATHODE KIT



88334A 2

Transom mounted system is mounted with the anode and reference electrode on (and through) the transom of the boat on opposite sides of the drive. The new Gen III MerCathode controller with the blue decal is mounted inside the boat.

Fits all boat applications with a 12 volt operating system.

MERCATHODE CONTROL UNIT



8M0100517

Black Gen III controller with red decal.
Fits R, MR, Alpha One & Gen II, and Bravo drives.

MERCATHODE CONTROL UNIT



42600A09

Black Gen III MerCathode controller with blue decal and attaching hardware only. To be connected in parallel with 98869A14 Mercathode systems for certain salt water applications.
Fits R, MR, Alpha One & Gen II, and Bravo drives.

MERCATHODE ANODE



97- **72957A 5**

Replacement anode assembly for 88334 series Mercathode systems.

MERCATHODE ELECTRODE



72958A 5

Replacement electrode assembly for 88334 series Mercathode systems.

MERCATHODE REFERENCE ELECTRODE TESTER



91-**8M0135998**

Use with a digital multimeter to test the function of Mercathode systems. Senses an electrical current in the water when testing the Mercathode system.

ANODE KITS

ANODE KIT



97-**888756K02**

Aluminum anodes - For use in saltwater or freshwater.
Fits 1984-1990 MR & Alpha One drives (s/n 6225577-0D469828)
Mercury Precision Branded, Box Point of Sale Packaged.

97-**888756Q04**

Aluminum anodes - For use in saltwater or freshwater.
Fits 1984-1990 MR & Alpha One drives (s/n 6225577-0D469828)
Quicksilver Branded, Box Point of Sale Packaged.

ANODE KIT



97-**888755K01**

Magnesium anodes - For freshwater use only. Do not use in saltwater applications.
Fits 1991 and newer Alpha One Gen II drives (s/n 0D469829 and up)
Mercury Precision Branded, Box Point of Sale Packaged.

ANODE KIT



97-**888755Q04**
Magnesium anodes - For freshwater use only. Do not use in saltwater applications.
Fits 1984-1990 MR & Alpha One drives (s/n 6225577-0D469828)
Quicksilver Branded, Box Point of Sale Packaged.

ANODE KIT



97-**888756K01**
Aluminum anodes - For use in saltwater or freshwater.
Fits 1991 and newer Alpha One Gen II drives (s/n 0D469829 and up)
Mercury Precision Branded, Box Point of Sale Packaged.

97-**888756Q03**
Aluminum anodes - For use in saltwater or freshwater.
Fits 1991 and newer Alpha One Gen II drives (s/n 0D469829 and up)
Quicksilver Branded, Box Point of Sale Packaged.

ANODE KIT



97-**888755Q03**
Magnesium anodes - For freshwater use only. Do not use in saltwater applications.
Fits 1991 and newer Alpha One Gen II drives (s/n 0D469829 and up)
Quicksilver Branded, Box Point of Sale Packaged.

ANODE KIT



97-**888758K01**
Aluminum anodes - For use in saltwater or freshwater.
Fits 1988 and newer Bravo One drives (s/n 0B664190 and up)
Mercury Precision Branded, Box Point of Sale Packaged.

97-**888757K01**
Magnesium anodes - For freshwater use only. Do not use in saltwater applications.
Fits 1988 and newer Bravo One drives (s/n 0B664190 and up)
Mercury Precision Branded, Box Point of Sale Packaged.

97-**888757Q02**
Magnesium anodes - For freshwater use only. Do not use in saltwater applications.
Fits 1988 and newer Bravo One drives (s/n 0B664190 and up)
Quicksilver Branded, Box Point of Sale Packaged.

ANODE KIT



97-**888761K01**
Aluminum anodes - For use in saltwater or freshwater
Fits 1988 and newer Bravo II drives (s/n 0B664190 and up)
Fits 1995-2002 Bravo III drives (s/n 0F345868-0M179451)
Mercury Precision Branded, Box Point of Sale Packaged.

97-**888761Q03**
Aluminum anodes - For use in saltwater or freshwater.
Fits 1988 and newer Bravo II drives (s/n 0B664190 and up)
Fits 1995-2002 Bravo III drives (s/n 0F345868-0M179451)
Quicksilver Branded, Box Point of Sale Packaged.

97-**888760K01**
Magnesium anodes - For freshwater use only. Do not use in saltwater applications.
Fits 1988 and newer Bravo II drives (s/n 0B664190 and up)
Fits 1995-2002 Bravo III drives (s/n 0F345868-0M179451)
Mercury Precision Branded, Box Point of Sale Packaged.

ANODE KIT



97-**888761K02**
Aluminum anodes - For use in saltwater or freshwater.
Fits 2003 and newer Bravo III drives (s/n 0M179452 and up)
Mercury Precision Branded, Box Point of Sale Packaged.

97-**888761Q04**
Aluminum anodes - For use in saltwater or freshwater.
Fits 2003 and newer Bravo III drives (s/n 0M179452 and up)
Quicksilver Branded, Box Point of Sale Packaged.

97-**888760K02**
Magnesium anodes - For freshwater use only. Do not use in saltwater applications.
Fits 2003 and newer Bravo III drives (s/n 0M179452 and up)
Mercury Precision Branded, Box Point of Sale Packaged.

97-**888760Q04**
Magnesium anodes - For freshwater use only. Do not use in saltwater applications.
Fits 2003 and newer Bravo III drives (s/n 0M179452 and up)
Quicksilver Branded, Box Point of Sale Packaged.

ANODES - TRANSOM

ANODIC PLATE



34762A 1

Zinc

ANODE KIT



97- 55989Q 9

Aluminum

Fits MC-I, R, MR, Alpha and Bravo drives (s/n 0D469828 and below)

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

97- 55989T 3

Magnesium - For freshwater use only. Do not use in saltwater applications.

Fits MC-I drives

GIMBAL HOUSING ANODE



97-821631T 1

Aluminum

Fits R, MR, Alpha One, Gen II, Bravo I, II, III, X, XR & XZ drives.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

97-821631T 3

Magnesium - For freshwater use only. Do not use in saltwater applications.

Fits R, MR, Alpha One, Gen II, Bravo I, II, III, X, XR & XZ drives.

ANODE-HANGING



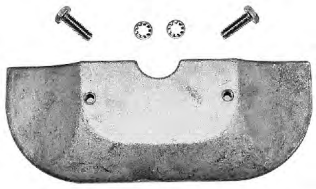
97-809690A 1

Aluminum

Provides additional corrosion protection when boat is at mooring. Fits all applications when hung over side of the boat.

ANODES - DRIVESHAFT HOUSING

DRIVESHAFT HOUSING ANODE



97-821629T 1

Aluminum

Fits Alpha One Gen II drives.

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

97-821629A 2

Magnesium - For freshwater use only. Do not use in saltwater applications.

Fits Alpha One Gen II drives.

DRIVESHAFT HOUSING ANODE



97-821630T 1

Aluminum

Fits Bravo I, II, III, X XR & XZ drives.

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

97-821630A 2

Magnesium - For freshwater use only. Do not use in saltwater applications.

Fits Bravo I, II, III, X, XR & XZ drives

ANODES - PROPELLER

PROP NUT ANODE KIT



809664A 1

1-1/8 in. Shaft, 3/4 in. NF 16

Fits Mercury/Mariner 70 hp and higher outboards (except 225 EFI FourStroke); Also fits MC-I, R, MR, Alpha, Bravo One & TRS sterndrives (1970 & newer)

PROP NUT ANODE KIT



97-809666A02

Aluminum, For use in saltwater or freshwater.
1-3/8 in. Shaft, 1 in. NF 14

Fits Bravo III drives (s/n 0M179451 and below)

97-809666A03

Magnesium, For use in freshwater only.
1-3/8 in. Shaft, 1 in. NF 14

Fits Bravo III drives (s/n 0M179451 and below)

REPLACEMENT PROP NUT ANODE



97-809662T

2 in. Aluminum Anode Shell
Replacement Shell for 809662A 1

REPLACEMENT PROP NUT ANODE



97-809666T

2-5/16 in. Aluminum Anode Shell
Replacement Shell for 809666A 1and 809666A02

97-809666T01

2-5/16 in. Magnesium Anode Shell
Replacement Shell for 809666A03

REPLACEMENT PROP NUT ANODE



97-809670T

2-1/2 in. Aluminum Anode Shell
Replacement Shell for 809670A 1

PROP NUT ANODE



97-865182Q01

Aluminum

Fits Bravo III (s/n 0M179452 and up)

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

97-865182A02

Magnesium - For freshwater use only. Do not use in saltwater applications.

Fits Bravo III (s/n 0M179452 and up)

ANODE CHART - PROPELLER NUT

Prop Nut Anodes

Thread Size/ per inch	Shaft Size	Zinc Size	Outside Diameter	Space Pounds	Space Grams	Complete Pounds	Complete Grams	Anodic Prop Nut Kit	Replacement Prop Nut Anode
1/2 inch NC 13	3/4 inch	A	1-1/4 inch	.20	90.9	.34	154.5	N.L.A.	N.L.A.
5/8 inch NC 11	7/8 inch	B	1-5/8 inch	.50	227.27	.82	372.7	N.L.A.	N.L.A.
3/4 inch NC 10	1 inch	C	2 inch	1.06	481.8	1.55	704.5	N.L.A.	97-809662T
3/4 inch NF 16	1 inch	C	2 inch	1.06	481.8	1.55	704.5	809664A 1	97-809662T
7/8 inch NC 9	1-1/4 inch	D	2-5/16 inch	1.50	681.8	2.20	999.9	N.L.A.	97-809666T

Thread Size/ per inch	Shaft Size	Zinc Size	Outside Diameter	Space Pounds	Space Grams	Complete Pounds	Complete Grams	Anodic Prop Nut Kit	Replacement Prop Nut Anode
7/8 inch NF 14	1-1/4 inch	D	2-5/16 inch	1.50	681.8	2.20	999.9	N.L.A.	97-809666T
1 inch NF 14	1-3/8 inch	E	2-1/2 inch	1.70	772.7	2.55	1159	N.L.A.	97-809670T
1-1/8 inch NC 7	1-1/2 inch	F	2-3/4 inch	2.00	909.0	3.20	1454	N.L.A.	N.L.A.

ANODES - GEAR HOUSING

TRIM TAB



97- 31640Q 4

Aluminum

Fits most Mercury/Mariner outboards 30 hp through 200 hp and all MerCruiser except Bravo. Check for adequate propeller clearance prior to operation.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

97- 31640T 6

Magnesium - For freshwater use only. Do not use in Saltwater applications.

Fits most Mercury/Mariner outboards 35 hp. & above and all MerCruiser except Bravo. Check for adequate propeller clearance prior to operation.

TRIM TAB



34127T 2

Zinc

An optional trim tab for R, MR and Alpha One drives. Provides increased steering torque reduction for non-power steering applications. Will not work with Black Max or other high rake propellers.

ANODIC PLATE



97- 76214Q 5

Aluminum

Provides additional clearance for high rake propellers.

Fits Mercury/Mariner 35-300hp, Force 90 & 120hp 1995 and newer, MerCruiser Alpha One Gen II and Bravo I, II, III, X XR & XZ drives.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

97- 76214A 6

Magnesium - For freshwater use only. Do not use in saltwater applications.

Fits Mercury/Mariner 35-300 HP, Force 90 & 120 HP 1995 and newer, MerCruiser Alpha One Generation II and Bravo I, II and III drives.

TRIM TAB ANODE



97-822777Q 1

Aluminum

For applications where extra clearance is required for high rake propellers.

Fits most Mercury/Mariner 35 hp and above, Force 90/120 (1995 and newer), and all Mercury MerCruiser engines.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

97-822777A 2

Magnesium - For freshwater use only. Do not use in saltwater applications.

Fits most Mercury/Mariner 35 hp and above, Force 90/120 (1995 and newer), and all Mercury MerCruiser engines.

ANODIC PLATE



97- 76214 4

Aluminum

Fits Bravo III with 2 pc. anti-ventilation plate
Fits Bravo III w/ 1 pc housing (s/n 0M179452 and up)
Fits Vazer

97- 76214 6

Magnesium - For freshwater use only. Do not use in saltwater applications.

Fits Bravo III with 2 pc. anti-ventilation plate

ANODE



97-806187A 1

Aluminum

Fits BlackHawk

ANODE



97-**847635**

Aluminum
Fits SSM VI & VII

BEARING CARRIER ANODE



97-**806105T 1**

Aluminum
Fits Alpha One Gen II and Vazer drives
Priced individually, sold @ multiples of 2
Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

BEARING CARRIER ANODE



97-**806188Q01**

Aluminum
Fits Bravo I
Quicksilver Branded, Clamshell Package Point of Sale Packaged.

97-**806188A 2**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Fits Bravo I

PROP NUT ANODE



97-**865182Q01**

Aluminum
Fits Bravo III (s/n 0M179452 and up)
Quicksilver Branded, Clamshell Package Point of Sale Packaged.

97-**865182A02**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Fits Bravo III (s/n 0M179452 and up)

ANODES - TRIM CYLINDER

TRIM CYLINDER ANODE



97-**806189T 1**

Aluminum
Fits Alpha One Gen II drives.
Priced individually, sold @ multiples of 2
Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

ANODE BULK PAK

97-**8M0059341**

40 Aluminum Trim Cylinder Anodes per box. Equivalent to the individually packaged 806189Q1/T1.
NOTE: Does not include the mounting hardware.
Fits Alpha One Gen II drives.

TRIM CYLINDER ANODE

97-**806189A 2**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Fits Alpha One Gen II drives

TRIM CYLINDER ANODE



97-**806190T 1**

Aluminum
Fits Vazer and Bravo I, II, III, X, XR, XZ and Blackhawk drives.
Priced individually, sold @ multiples of 2
Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

ANODE BULK PAK

97-**8M0059342**

10 Aluminum Trim Cylinder Anodes per box. Equivalent to the individually packaged 806190Q1/T1.
NOTE: Does not include the mounting hardware.
Fits Vazer and Bravo I, II, III, X, XR, XZ and Blackhawk drives.

TRIM CYLINDER ANODE

97-**806190A 2**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Fits Vazer and Bravo I, II, III, X, XR, XZ and Blackhawk drives.

ANODE - ENGINE

ENGINE ANODE ASSEMBLY



97-**8M0151541**

M18 x 1.5 Plug w/ thread-in anode (20mm length x 15mm O.D.)
Fits 2.0L, 2.8L, 3.0L & 4.2L in-line diesel engines
Also fits the 1.9L, 2.5L, 3.0L V6 & 4.2L V8 TDI diesel engines

ENGINE ANODE ASSEMBLY



97-**8M0151540**

Longer length for extended corrosion protectionM18 x 1.5 Plug w/ thread-in anode (40mm length x 15mm O.D.)
Fits QSD 2.8L & 4.2L diesel engines. Also fits 3.0L V6 TDI diesel engines

ANODE - HEAT EXCHANGER

HEAT EXCHANGER ANODE



97-**806000**

3/8-18 NPT Plug w/ thread-in anode (32mm length x 13mm O.D.)
Fits 1994-2009 D2.8L, D3.0L, D3.6L & D4.2L in-line diesel engine heat exchangers, Also fits Racing 850 SCi, 1025 SCi, 1075 SCi & 1200SCi oil cooler housing.

ANODE CHART - MERCRUISER

MerCruiser Anodes

Model	Year Range	Serial # Range	Gimbal Anodic Pate	Mat.	Gimbal Anodic Bolt Head	Mat.	Anodic trim Tab/ Plate	Mat.	Anodic Trim Tab (Opt.)	Mat.	D/S Hsg. Anodic Plate	Mat.	Trim Cylinder Anode	Mat.	Bearing Carrier Anode	Mat.	Anodic Prop Nut Kit	Prop Nut Anode Only
60	1965 - 1966	1830753 - 2063740	34762A 1	Zinc	N/A		97- 31640T 4	Alum.	N/A		N/A		N/A		N/A		N.L.A.	N.L.A.
60	1965 - 1966	1830753 - 2063740	34762A 1	Zinc	N/A		97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		N.L.A.	N.L.A.
80	1966 - 1969	2063741 - 2898029	34762A 1	Zinc	N/A		N.L.A.		N/A		N/A		N/A		N/A		N.L.A.	97-809662T
90	1970 - 1972	2898020 - 3225967	34762A 1	Zinc	N/A		N.L.A.		N/A		N/A		N/A		N/A		N.L.A.	97-809662T
I	1963	1534570 - 1684187	34762A 1	Zinc	N/A		34127T 2	Zinc	N/A		N/A		N/A		N/A		N.L.A.	97-809662T
IA/IB/IC	1964	1684188 - 1777798	34762A 1	Zinc	N/A		97- 31640T 4	Alum.	34127T 2	Zinc	N/A		N/A		N/A		N.L.A.	97-809662T
IA/IB/IC	1964	1684188 - 1777798	34762A 1	Zinc	N/A		97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		N.L.A.	97-809662T
IA/IB/IC (EZ-Shift)	1965 - 1966	1776349 - 2065189	34762A 1	Zinc	N/A		97- 31640T 4	Alum.	34127T 2	Zinc	N/A		N/A		N/A		N.L.A.	97-809662T
IA/IB/IC (EZ-Shift)	1965 - 1966	1776349 - 2065189	34762A 1	Zinc	N/A		97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		N.L.A.	97-809662T
120/140	1967 - 1969	2062141 - 2791956	34762A 1	Zinc	N/A		97- 31640T 4	Alum.	N/A		N/A		N/A		N/A		N.L.A.	97-809662T
120/140	1967 - 1969	2062141 - 2791956	34762A 1	Zinc	N/A		97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		N.L.A.	97-809662T
120/140	1970 - 1977	2791957 - 4893634	N/A		97- 55989Q 9	Alum.	97- 31640T 4	Alum.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
120/140	1970 - 1977	2791957 - 4893634	N/A		97- 55989T 3	Magn.	97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
120/140	1978 - 1982	4893635 - 6225576	N/A		97- 55989Q 9	Alum.	97- 31640T 4	Alum.	34127T 2	Zinc	N/A		N/A		N/A		809664A 1	97-809662T
120/140	1978 - 1982	4893635 - 6225576	N/A		97- 55989T 3	Magn.	97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
160	1967 - 1969	2065190 - 2763441	34762A 1	Zinc	N/A		34127T 2	Zinc	N/A		N/A		N/A		N/A		N.L.A.	97-809662T
165	1970 - 1977	2763442 - 4890459	N/A		97- 55989Q 9	Alum.	34127T 2	Zinc	N/A		N/A		N/A		N/A		809664A 1	97-809662T
165	1978 - 1981	4890460 - 6268064	N/A		97- 55989Q 9	Alum.	97- 31640T 4	Alum.	34127T 2	Zinc	N/A		N/A		N/A		809664A 1	97-809662T
165	1978 - 1981	4890460 - 6268064	N/A		97- 55989T 3	Magn.	97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
II	1962 - 1967	1474909 - 2278488	N/A		N/A		97- 31640T 4	Alum.	N/A		N/A		N/A		N/A		N.L.A.	97-809666T
II	1962 - 1967	1474909 - 2278488	N/A		N/A		97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		N.L.A.	97-809666T
II (1.78:1)	1969	2507945 - 2671321	N/A		N/A		97- 31640T 4	Alum.	N/A		N/A		N/A		N/A		N.L.A.	97-809666T
II (1.78:1)	1969	2507945 - 2671321	N/A		N/A		97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		N.L.A.	97-809666T
III	1968 - 1969	2373127 - 3002613	34762A 1	Zinc	N/A		34127T 2	Zinc	N/A		N/A		N/A		N/A		N.L.A.	97-809670T
215E	1970 - 1972	2909035 - 2915034	34762A 1	Zinc	N/A		97- 31640T 4	Alum.	N/A		N/A		N/A		N/A		N.L.A.	97-809670T
215E	1970 - 1972	2909035 - 2915034	34762A 1	Zinc	N/A		97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		N.L.A.	97-809670T
215H	1970	2782203 - 2909034	34762A 1	Zinc	N/A		34127T 2	Zinc	N/A		N/A		N/A		N/A		N.L.A.	97-809670T
225-S	1974	3856268 - 4200499	N/A		97- 55989Q 9	Alum.	97- 31640T 4	Alum.	34127T 2	Zinc	N/A		N/A		N/A		809664A 1	97-809662T
225-S	1974	3856268 - 4200499	N/A		97- 55989T 3	Magn.	97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
228	1977 - 1982	4782330 - 6229157	N/A		97- 55989Q 9	Alum.	97- 31640T 4	Alum.	34127T 2	Zinc	N/A		N/A		N/A		809664A 1	97-809662T
228	1977 - 1982	4782330 - 6229157	N/A		97- 55989T 3	Magn.	97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
233	1975 - 1977	4200500 - 4782329	N/A		97- 55989Q 9	Alum.	97- 31640T 4	Alum.	34127T 2	Zinc	N/A		N/A		N/A		809664A 1	97-809662T
233	1975 - 1977	4200500 - 4782329	N/A		97- 55989T 3	Magn.	97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
250	1977	4791300 - 4898729	N/A		97- 55989Q 9	Alum.	97- 31640T 4	Alum.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
250	1977	4791300 - 4898729	N/A		97- 55989T 3	Magn.	97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T

Not all parts listed are available for the European, C.I.S., Africa and Middle East Markets. For more information, please contact your local Mercury, Mariner, MerCruiser or Quicksilver Office.

MERCRUISER

Model	Year Range	Serial # Range	Gimbal Anodic Pate	Mat.	Gimbal Anodic Bolt Head	Mat.	Anodic trim Tab/ Plate	Mat.	Anodic Trim Tab (Opt.)	Mat.	D/S Hsg. Anodic Plate	Mat.	Trim Cylinder Anode	Mat.	Bearing Carrier Anode	Mat.	Anodic Prop Nut Kit	Prop Nut Anode Only
II-TR	1973 - 1976	3377316 - 4794899	34762A 1	Zinc	N/A		97- 31640T 4	Alum.	N/A		N/A		N/A		N/A		N.L.A.	97-809670T
II-TR	1973 - 1976	3377316 - 4794899	34762A 1	Zinc	N/A		97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		N.L.A.	97-809670T
255-TRS	1973 - 1974	3377316 - 4203749	34762A 1	Zinc	N/A		97- 31640T 4	Alum.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
255-TRS	1973 - 1974	3377316 - 4203749	34762A 1	Zinc	N/A		97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
260	1978 - 1982	4898730 - 6229157	N/A		97- 55989Q 9	Alum.	97- 31640T 4	Alum.	34127T 2	Zinc	N/A		N/A		N/A		809664A 1	97-809662T
260	1978 - 1982	4898730 - 6229157	N/A		97- 55989T 3	Magn.	97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
280-TRS	1975 - 1976	4203750 - 4895399	34762A 1	Zinc	N/A		97- 31640T 4	Alum.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
280-TRS	1975 - 1976	4203750 - 4895399	34762A 1	Zinc	N/A		97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
470	1976 - 1882	4208730 - 6225576	N/A		97- 55989Q 9	Alum.	97- 31640T 4	Alum.	34127T 2	Zinc	N/A		N/A		N/A		809664A 1	97-809662T
470	1976 - 1882	4208730 - 6225576	N/A		97- 55989T 3	Magn.	97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
485	1980 - 1982	5487437 - 6225576	N/A		97- 55989Q 9	Alum.	97- 31640T 4	Alum.	34127T 2	Zinc	N/A		N/A		N/A		809664A 1	97-809662T
485	1980 - 1982	5487437 - 6225576	N/A		97- 55989T 3	Magn.	97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
888	1971 - 1977	3106717 and up	N/A		97- 55989Q 9	Alum.	97- 31640T 4	Alum.	34127T 2	Zinc	N/A		N/A		N/A		809664A 1	97-809662T
888	1971 - 1977	3106717 and up	N/A		97- 55989T 3	Magn.	97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
R/MR/Alpha One	1983 - 1989	6225577 - 0D469858	97-821631T 1	Alum.	97- 55989Q 9	Alum.	97- 31640T 4	Alum.	34127T 2	Zinc	N/A		N/A		N/A		809664A 1	97-809662T
R/MR/Alpha One	1983 - 1989	6225577 - 0D469858	97-821631T 3	Magn.	97- 55989T 3	Magn.	97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
Alpha One (Gen.II)	1991 - 2023	0D469859 and up	97-821631T 1	Alum.	N/A		97- 76214T 5	Alum.	97- 31640T 4	Alum.	97-821629T 1	Alum.	97-806189T 1	Alum.	97-806105T 1	Alum.	809664A 1	97-809662T
Alpha One (Gen.II)	1991 - 2023	0D469859 and up	97-821631T 3	Magn.	N/A		97- 76214A 6	Magn.	97- 31640T 6	Magn.	97-821629A 2	Magn.	97-806189A 2	Magn.	N.L.A.	Magn.	809664A 1	97-809662T
Alpha One SS	1986 - 1989	0A545004 and up	N/A		97- 55989Q 9	Alum.	97-822777T 1	Alum.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
Alpha One SS	1986 - 1989	0A545004 and up	N/A		97- 55989Q 9	Magn.	97-822777A 2	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
Vazer	2007 - 2008	0W995000 and up	N.L.A.	Alum	N/A		97- 76214 4	Alum.	N/A		N.L.A.		97-806190T 1	Alum.	97-806105T 1	Alum.	809664A 1	97-809662T
Bravo One	1988 - 2023	0B664190 and up	97-821631T 1	Alum.	N/A		97- 76214T 5	Alum.	N/A		97-821630T 1	Alum.	97-806190T 1	Alum.	97-806188Q01	Alum.	809664A 1	97-809662T
Bravo One	1988 - 2023	0B664190 and up	97-821631T 3	Magn.	N/A		97- 76214A 6	Magn.	N/A		97-821630A 2	Magn.	97-806190A 2	Magn.	97-806188A 2	Mag.	809664A 1	97-809662T
Bravo Two	1989 - 2023	0C564952 and up	97-821631T 1	Alum.	N/A		97- 76214T 5	Alum.	N/A		97-821630T 1	Alum.	97-806190T 1	Alum.	97-806188Q01		N.L.A.	97-809670T
Bravo Two	1989 - 2023	0C564952 and up	97-821631T 3	Magn.	N/A		97- 76214A 6	Magn.	N/A		97-821630A 2	Magn.	97-806190A 2	Magn.	N/A		N.L.A.	97-809670T
Bravo Three	1993 - 2001	0D763691 - 0M179452	97-821631T 1	Alum.	N/A		97- 76214T 5	Alum.	97- 76214 4	Alum.	97-821630T 1	Alum.	97-806190T 1	Alum.	N/A	Alum.	97-809666A02	97-809666T
Bravo Three	1993 - 2001	0D763691 - 0M179451	97-821631T 3	Magn.	N/A		97- 76214A 6	Magn.	97- 76214 6	Magn.	97-821630A 2	Magn.	97-806190A 2	Magn.	N/A	Magn.	97-809666A03	97-809666T01
Bravo Three	2002 - 2023	0M179453 and up	97-821631T 1	Alum.	N/A		97- 76214T 5	Alum.	97- 76214 4	Alum.	97-821630T 1	Alum.	97-806190T 1	Alum.	N/A	Alum.	N/A	97-865182Q01
Bravo Three	2002 - 2023	0M179453 and up	97-821631T 3	Magn.	N/A		97- 76214A 6	Magn.	97- 76214 6	Magn.	97-821630A 2	Magn.	97-806190A 2	Magn.	N/A	Magn.	N/A	97-865182A02
Blackhawk	1994 - 1995	0F186717 and up	N/A		N/A		97-806187A 1	Alum.	N/A		N/A		97-806190T 1	Alum.	N/A		N/A	N/A
SSM II/III/IV	1982 - 1995		34762A 1	Zinc	N/A		N/A		N/A		N/A		N/A		N/A		N/A	N/A
SSM VI/VII	1990 - 1995		97-848653T	Alum.	N/A		97-847635	Alum.	N/A		N/A		N/A		N/A		N/A	N/A
TR	1977 - 1987	4794900 and up	34762A 1	Zinc	N/A		97- 31640T 4	Alum.	N/A		N/A		N/A		N/A		N.L.A.	97-809670T
TR	1977 - 1987	4794900 and up	34762A 1	Zinc	N/A		97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		N.L.A.	97-809670T
TRS	1977 - 1987	4794900 and up	34762A 1	Zinc	N/A		97- 31640T 4	Alum.	N/A		N/A		N/A		N/A		809664A 1	97-809662T
TRS	1977 - 1987	4794900 and up	34762A 1	Zinc	N/A		97- 31640T 6	Magn.	N/A		N/A		N/A		N/A		809664A 1	97-809662T

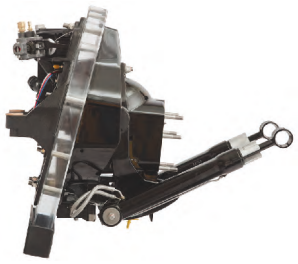
ANODE CHARTS - ACCESSORIES AND INBOARD

Closed Cooling Anodes

Model	Year Range	Anode	Mat.	Size
120/140/165	1972 - 1982	97-808112	Zinc	1-1/2 inch X 1/2 inch anode w/ 3/8 inch pipe plug
888/215/225	1972 - 1977	97-808112	Zinc	1 1/2 inch X 1/2 inch anode w/ 3/8 inch pipe plug
233/255	1973 - 1977	97-808112	Zinc	1 1/2 inch X 1/2 inch anode w/ 3/8 inch pipe plug
255/280 (G.M.)	1975 - 1977	97-808112	Zinc	1 1/2 inch X 1/2 inch anode w/ 3/8 inch pipe plug
325/350	1972 - 1976	97-808112	Zinc	1 1/2 inch X 1/2 inch anode w/ 3/8 inch pipe plug
888/215	1971	N.L.A.	Zinc	1 3/4 inch X 3/8 inch anode w/ 1/4 inch pipe plug
325/350	1971	N.L.A.	Zinc	1 3/4 inch X 3/8 inch anode w/ 1/4 inch pipe plug
7.3L V-8 Diesel	1993 - 1995	97-808112	Zinc	2 inch X 1/2 inch anode with 3/8 inch pipe plug
530/636 Diesel	1989	97-8M0151541	Zinc	3/4 inch X 3/4 inch anode only
D183/D219 Diesel	1990 - 1993	97-8M0151541	Zinc	3/4 inch X 3/4 inch anode only
D254 Diesel	1990 - 1993	97-8M0151541	Zinc	3/4 inch X 3/4 inch anode only
D3.0/D3.6L Diesel	1994 - 1995	97-8M0151541	Zinc	3/4 inch X 3/4 inch anode only
D4.2L Diesel	1994 - 1995	97-8M0151541	Zinc	3/4 inch X 3/4 inch anode only

TRANSOM ASSEMBLY - ALPHA

TRANSOM ASSEMBLY



6-6010000CP
1982-1990 Alpha One

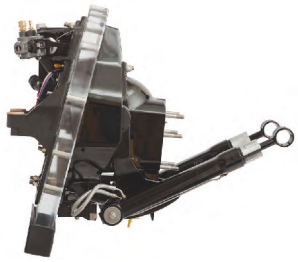
6-6010000DP
1991-1993 Alpha One Gen II

6-61000005P
Includes complete power trim pump
1994-2016 Alpha One Gen II

6-61000002P
Alpha One Gen II - Digital.
Mercury 4.5L V6 Engine

TRANSOM ASSEMBLY - BRAVO

TRANSOM ASSEMBLY



6-6311002NZ
Bravo, Magnum
Used with 4.3L, 5.0L 350, 357, 377, 383, 5.7L, 6.2L non-DTS engines

6-62000010P
Bravo, Digital.
Used with 4.5, 6.2L (2016 and newer), 8.2L, 8.2L H.O. & DTS engines.

6-6315002TP
Bravo, SmartCraft
Used with 496 & 496 H.O.

6-6345002TP
Bravo, Magnum - Axius Gen I
Used with 5.0L, 350 Mag, 377 Mag, 496 & HO MPI engines w/ Axius Gen I steering

TRANSOM ASSEMBLY

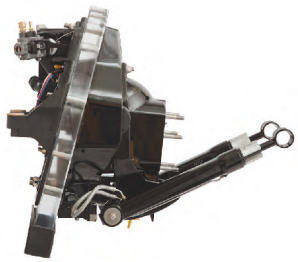


6-6511002NZ
Bravo, Heavy Duty (w/o sender)
Used with Racing Products engines

6-620000091
Bravo, Heavy Duty w/ digital sender
Used with Racing Products engines

TRANSOM ASSEMBLY - BRAVO (SEACORE)

TRANSOM ASSEMBLY



6-6911002TP
Bravo, Magnum - Seacore
Used with SeaCore 4.3L, 5.0L, 350, & 377 non-DTS engines

6-62000012P
Bravo, Digital, SeaCore
Used with SeaCore 4.5L, 6.2L (2016 & newer), 8.2L, 8.2L H.O. & DTS engines

6-6A15002TP
Bravo, SmartCraft - Seacore
Used with SeaCore 496 & 496 H.O. engines

6-**6A45002TP**

Bravo, SmartCraft - SeaCore Axius Gen I

STERNDRIVES - ALPHA ONE

NOTE: When using the Alpha One Sterndrive Assembly as a replacement on earlier (pre 1983) 4 & 6 cylinder inline models, it will be necessary to replace the standard yoke with a short U-joint yoke. This yoke is not included and must be removed from the old unit.

ALPHA ONE STERNDRIVE



5-**5010130CP**

Alpha One
1.30 ratio
Standard Rotation (RH)

5-**5010147CP**

Alpha One
1.47 ratio
Standard Rotation (RH)

5-**5010162CP**

Alpha One
1.62 ratio
Standard Rotation (RH)

5-**5010181CP**

Alpha One
1.81 ratio
Standard Rotation (RH)

5-**5010194CP**

Alpha One
1.94 ratio
Standard Rotation (RH)

STERNDRIVES - ALPHA ONE GEN II

ALPHA ONE GEN II STERNDRIVE



5-**5121200TP**

Alpha One Gen II
1.47 ratio
Standard Rotation (RH)

5-**5111200TP**

Alpha One Gen II
1.47 ratio
Counter Rotation (LH)

5-**5121300TP**

Alpha One Gen II
1.62 ratio
Standard Rotation (RH)

5-**5111300TP**

Alpha One Gen II
1.62 ratio
Counter Rotation (LH)

5-**5121400TP**

Alpha One Gen II
1.81 ratio
Standard Rotation (RH),

5-**5111400TP**

Alpha One Gen II
1.81 ratio
Counter Rotation (LH)

5-**5121600TP**

Alpha One Gen II
2.00 ratio
Standard Rotation (RH)

5-**5111600TP**

Alpha One Gen II
2.00:1 Ratio
Counter Rotation (LH)
(s/n 0W535509 and below)

5-**5121700TP**

Alpha One Gen II
2.40 ratio
Standard Rotation (RH)

STERNDRIVES - BRAVO ONE (CLASSIC)

Brand new and fresh from the factory, the classic Bravo sterndrive look is still available on selected p/n's. They feature all of the latest improvements to the cone clutch and machining improvements that make Bravo sterndrives best in class for shift smoothness and durable performance.
If the specific drive you are looking for is not listed, please refer to MerCruiser Service Bulletin 2005-11 for alternate options.

BRAVO ONE STERNDRIVE



5-**5231200NP**

Bravo One
1.50 ratio
with dual water pickup
(s/n 0W249999 and below)

STERNDRIVES - BRAVO ONE

BRAVO ONE STERNDRIVE



5-**5231100TP**

Bravo One
1.36 ratio with dual water pickup
(s/n 0W250000 & up)

5-**5231200TP**

Bravo One
1.50 ratio with dual water pickup
(s/n 0W250000 and up)

5-**5231300TP**

Bravo One
1.65 ratio with dual water pickup
(s/n 0W250000 and up)

5-**5237100TP**

Bravo One X
1.36 ratio with dual water pickup
(s/n 0W250000 and up)

5-**5237200TP**

Bravo One X
1.50 ratio with dual water pickup
(s/n 0W250000 and up)

5-**5237300TP**

Bravo One X
1.65 ratio with dual water pickup
(s/n 0W250000 and up)

5-**5E31800TP**

Bravo One XR
1.26 ratio with dual water pickup
(s/n 0W240000 and up)

5-**5E31900UP**

Bravo One XR
1.35 ratio with dual water pickup
(s/n 0W240000 and up)

5-**5E31200UP**

Bravo One XR
1.50 ratio with dual water pickup
(s/n 0W240000 and up)

STERNDRIVES - BRAVO ONE (SEACORE)

BRAVO ONE STERNDRIVE



5-**5J31200TP**

Bravo One - SeaCore
1.50 ratio with dual water pickup

5-**5J31300TP**

Bravo One - SeaCore
1.65 ratio with dual water pickup

5-**5J37200TP**

Bravo One X - SeaCore
1.50 ratio with dual water pickup

5-**5J37300TP**

Bravo One X - SeaCore
1.65 ratio with dual water pickup

STERNDRIVES - BRAVO TWO (CLASSIC)

Brand new and fresh from the factory, the classic Bravo sterndrive look is still available on selected p/n's. They feature all of the latest improvements to the cone clutch and machining improvements that make Bravo sterndrives best in class for shift smoothness and durable performance.
If the specific drive you are looking for is not listed, please refer to MerCruiser Service Bulletin 2005-11 for alternate options.

STERNDRIVES - BRAVO TWO

BRAVO TWO STERNDRIVE



5-**5331200TP**

Bravo Two
1.50 ratio
(s/n 0W250000 and up)

5-**5331400TP**

Bravo Two
1.81 ratio
(s/n 0W250000 and up)

5-**5331600TP**

Bravo Two
2.00 ratio
(s/n 0W250000 and up)

5-**5331500TP**

Bravo Two
2.20 ratio
(s/n 0W250000 and up)

5-**5337400TP**

Bravo Two X
1.81 ratio
(s/n 0W250000 and up)

5-**5337600TP**

Bravo Two X
2.00 ratio
(s/n 0W250000 and up)

5-**5337500TP**

Bravo Two X
2.20 ratio
(s/n 0W250000 and up)

STERNDRIVES - BRAVO TWO (SEACORE)

BRAVO TWO STERNDRIVE



5-**5K31600TP**

Bravo Two - SeaCore
2.00 ratio

5-**5K31500TP**
Bravo Two - SeaCore
2.20 ratio

5-**5K37400TP**
Bravo Two X - SeaCore
1.81 ratio

5-**5K37600TP**
Bravo Two X - SeaCore
2.00 ratio

STERNDRIVES - BRAVO THREE (CLASSIC)

Brand new and fresh from the factory, the classic Bravo sterndrive look is still available on selected p/n's. They feature all of the latest improvements to the cone clutch and machining improvements that make Bravo sterndrives best in class for shift smoothness and durable performance.
If the specific drive you are looking for is not listed, please refer to MerCruiser Service Bulletin 2005-11 for alternate options.

BRAVO THREE STERNDRIVE



5-**5441600LP**
Bravo Three
2.00 ratio
(s/n 0W249999 and below)

5-**5441500LP**
Bravo Three
2.20 ratio
(s/n 0W249999 and below)

STERNDRIVES - BRAVO THREE

BRAVO THREE STERNDRIVE



5-**5441200TP**
Bravo Three
1.50 ratio
(s/n 0W250000 and up)

5-**5441400TP**
Bravo Three
1.81 ratio
(s/n 0W250000 and up)

5-**5441600TP**
Bravo Three
2.00 ratio
(s/n 0W250000 and up)

5-**5441500TP**
Bravo Three
2.20 ratio
(s/n 0W250000 and up)

5-**5441700TP**
Bravo Three
2.43 ratio
(s/n 0W250000 and up)

5-**5447400TZ**
Bravo Three X, dual water pickup
1.81 ratio
(s/n 0W250000 and up)

5-**5447600TZ**
Bravo Three X, dual water pickup
2.00 ratio
(s/n 0W250000 and up)

5-**5447500TZ**
Bravo Three X, dual water pickup
2.20 ratio
(s/n 0W250000 and up)

5-**5H41300UP**
Bravo Three XR, dual water pickup
1.65 ratio
(s/n 0W240000 and up)

5-**5H41400UP**
Bravo Three XR, dual water pickup
1.81 ratio
(s/n 0W240000 and up)

5-**5H41600TZ**
Bravo Three XR, dual water pickup
2.00 ratio
(s/n 0W240000 and up)

STERNDRIVES - BRAVO THREE (SEACORE)

BRAVO THREE STERNDRIVE



5-**5L41300TP**
Bravo Three - SeaCore
1.65 ratio

5-**5L41400TP**
Bravo Three - SeaCore
1.81 ratio

5-**5L41600TP**
Bravo Three - SeaCore
2.00 ratio

5-**5L41500TP**
Bravo Three - SeaCore
2.20 ratio

5-**5L41700TP**
Bravo Three - SeaCore
2.43 ratio

5-**5L47400TP**
Bravo Three X - SeaCore
1.81 ratio

5-**5L47600TP**
Bravo Three X - SeaCore
2.00 ratio

5-**5L47500TP**
Bravo Three X - SeaCore
2.20 ratio

5-**5M41600TP**
Bravo Three XR - SeaCore
2.00 ratio

DRIVESHAFT HOUSINGS - COMPLETE

NOTE: When using the Alpha One Driveshaft Housing Assembly as a replacement on earlier (pre 1983) 4 & 6 cylinder inline models, it will be necessary to replace the standard yoke with a short U-joint yoke (p/n 39385A 1). This yoke is not included and must be removed from the old unit or ordered separately.

ALPHA ONE DRIVESHAFT HOUSING - COMPLETE



1547- 9412A19
1.32 ratio
Fits MC-I, R, MR & Alpha One

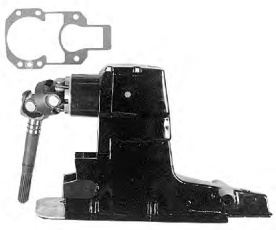
1547- 9412A20
1.50 ratio
Fits MC-I, R, MR & Alpha One

1547- 9412A21
1.65 ratio
Fits MC-I, R, MR & Alpha One

1547- 9412A22
1.84 ratio
Fits MC-I, R, MR & Alpha One

1547- 9412A23
1.98 ratio
Fits MC-I, R, MR & Alpha One

ALPHA ONE GEN II DRIVESHAFT HOUSING - COMPLETE



1547-861063A12
1.47 ratio
Fits Alpha One Gen II

1547-861063A10
1.62 & 2.00 ratios
Fits Alpha One Gen II

1547-861063A 8
1.81 ratio
Fits Alpha One Gen II

1547-861063A 6
1.94 & 2.40 ratio
Fits Alpha One Gen II

BRAVO DRIVESHAFT HOUSING - COMPLETE



1589-863836A50
Fits Bravo I & Perf. (1.36), II (1.50 & 1.81) & III (1.36 & 1.81) (s/n 0D469909-0W249999)

1589-863836A51
Fits Bravo I & Perf. (1.50), II (1.65 & 2.00) & III (1.50, 1.65 & 2.00) (s/n 0D469920-0W249999)

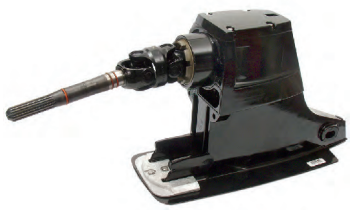
1589-863836A52
Fits Bravo I & Perf. (1.65), II (2.20) & III (2.20 & 2.43 ratio) (s/n 0W249999 & below)

1589-863836A66
Fits Bravo I X & XZ (1.36), II X (1.50 & 1.81) & III X (1.36 & 1.81) (s/n 0M100001-0W249999)

1589-863836A67
Fits Bravo I X & XZ (1.50), II X (1.65 & 2.00) & III X (1.50, 1.65 & 2.00) (s/n 0M100001-0W249999)

1589-863836A56
Fits Bravo I XR (s/n 0M100001-0W239999)

BRAVO DRIVESHAFT HOUSING - COMPLETE



1589-865440H50
Fits Bravo I (1.36), II (1.50) & III (1.36) (s/n 0W250000 and up)

1589-865440H51
Fits Bravo I (1.50), II (1.65 & 2.00) & III (1.65 & 2.00) (s/n 0W250000 and up)

1589-865440H52
Fits Bravo I (1.65), II (2.20) & III (2.20 & 2.43 ratio) (s/n 0W250000 and up)

1589-865440H01
Fits Bravo II (1.81) & III (1.81) (s/n 0W250000 and up)

1589-865440H02
Fits Bravo III (1.50) (s/n 0W250000 and up)

BRAVO SEACORE DRIVESHAFT HOUSING - COMPLETE

1500-866458J01
SeaCore
Fits Bravo I (1.36), II (1.81) & III (1.36)

1500-866458J02
SeaCore
Fits Bravo I (1.50), II (2.00) & III (1.65 & 2.00)

1500-866458J03
SeaCore
Fits Bravo I (1.65), II (2.20) & III (2.20 & 2.43 ratio)

1500-866458J04
SeaCore
Fits Bravo II (1.81) & III (1.81)

BRAVO X DRIVESHAFT HOUSING - COMPLETE



1589-**865440H66**
Fits Bravo I X (1.36), II X (1.50 & 1.81) & III X (1.36 & 1.81) (s/n 0W250000 and up)

1589-**865440H67**
Fits Bravo I X (1.50), II X (1.65 & 2.00) & III X (1.50, 1.65 & 2.00) (s/n 0W250000 and up)

1589-**865440H68**
Fits Bravo I X (1.65), II X (2.20) & III X (2.20 & 2.43) (s/n 0W250000 and up)

1589-**865440H56**
Fits Bravo I XR (s/n 0W240000 and up)

1589-**865440H73**
Fits Bravo I XR with integrated transom (s/n 0W240000 and up)

BRAVO X SEACORE DRIVESHAFT HOUSING - COMPLETE

1500-**866459J01**
SeaCore
Fits Bravo I X (1.36), II X (1.50 & 1.81) & III X (1.36 & 1.81)

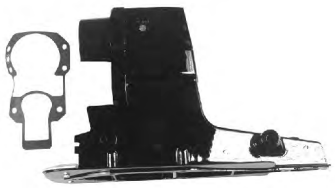
1500-**866459J02**
SeaCore
Fits Bravo I X (1.50), II X (1.65 & 2.00) & III X (1.50, 1.65 & 2.00)

1500-**866459J03**
SeaCore
Fits Bravo I X (1.65), II X (2.20) & III X (2.20)

1500-**866459J04**
SeaCore
Fits Bravo III XR (2.00)

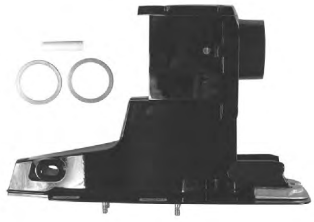
DRIVESHAFT HOUSINGS - BASIC

ALPHA ONE GEN II DRIVESHAFT HOUSING



1547-**861063A 4**
Fits Alpha One Gen II (s/n 0L100040 and up)

BRAVO DRIVESHAFT HOUSING



1589- **8868A15**
Fits Bravo I (s/n 0B664190-0D469908)

1589- **8868G21**
Fits Bravo I (s/n 0D469909 - 0L999999)
Fits Bravo II (s/n 0B664190 - 0L999999)
Fits Bravo III (s/n 0D784124 - 0L999999)

1589-**864571A72**
Fits Bravo I/II/III (s/n 0M100001-0W249999)

1589-**864571A70**
Fits Bravo I/II/III X & XR/XZ (s/n 0M100001-0W239999)

BRAVO DRIVESHAFT HOUSING



1589-**865440H72**
Fits Bravo I/II/III (s/n 0W250000 and up)

1500-**866458J00**
SeaCore
Fits Bravo I/II/III

BRAVO DRIVESHAFT HOUSING



1589-**865440H70**
Fits Bravo I/II/III X & XR (s/n 0W240000 and up)

1500-**866459J00**
SeaCore
Fits Bravo I/II/III X & XR

GEAR HOUSINGS - COMPLETE

ALPHA ONE GEAR HOUSING - COMPLETE



1623- **8951A43**
Standard Rotation (RH)
Fits R, MR & Alpha One

1623- **8951A33**
Counter Rotation (LH)
Fits MR & Alpha One

ALPHA ONE GEN II GEAR HOUSING - COMPLETE



1623-815822A53
1.47, 1.62, 1.81 & 1.94 ratio
Standard Rotation (RH)
Fits Alpha One Gen II

1623-815822A47
1.47, 1.62, 1.81 & 1.94 ratio
Counter Rotation (LH)
Fits Alpha One Gen II

1623-815822A55
2.00 & 2.40 ratio
Standard Rotation (RH)
Fits Alpha One Gen II

1623-815822A52
2.00 ratio
Counter Rotation (LH)
Fits Alpha One Gen II

BRAVO ONE GEAR HOUSING - COMPLETE



1656- 8866A63
With dual water pickup
1.36, 1.50 & 1.65 ratio
Fits Bravo I (s/n 0D649909 & up) & I X drives

1656- 8866J01
SeaCore
With dual water pickup
1.36, 1.50 & 1.65 ratio
Fits Bravo I & I X drives

1656- 8866A83
With heavy duty propshaft and dual water pickup
Fits Bravo I XR (1.35)

1656- 8866A62
With heavy duty propshaft and dual water pickup
Fits Bravo I XR (1.50) & XZ (1.36 & 1.50)

BRAVO TWO GEAR HOUSING - COMPLETE



1641- 8294A19
1.50 & 1.65 ratio
Fits Bravo II (s/n 0D469920 & up) & II X

1641- 8294A16
1.81, 2.00 & 2.20 ratio
Fits Bravo II (s/n 0D469920 & up) & II X

1641- 8294J02
SeaCore
1.65 ratio
Fits Bravo II X

1641- 8294J01
SeaCore
1.81, 2.00 & 2.20 ratio
Fits Bravo II & IIX

BRAVO THREE GEAR HOUSING - COMPLETE



1656-8M0046733
1.36 & 1.50 ratio, dual water pickup
Fits Bravo III (s/n 0D784124 and up) & III X

1656-8M0046733
1.36 & 1.50 ratio, dual water pickup
Fits Bravo III (s/n 0D784124 and up) & III X

1656-8M0046735
1.65 ratio, dual water pickup
Fits Bravo III (s/n 0D784124 and up) & III X. Also fits Bravo III XR - 1.65 ratio (0W240000 & up)

1656-8M0046735
1.65 ratio, dual water pickup
Fits Bravo III (s/n 0D784124 and up) & III X. Also fits Bravo III XR - 1.65 ratio (0W240000 & up)

1656-8M0046738
1.81, 2.00 & 2.20 ratio, dual water pickup
Fits Bravo III X (s/n 0W240000 & up). Also fits Bravo III XR - 2.00 ratio (0W240000 & up)

1656-8M0046682
2.43 ratio, dual water pickup
Fits Bravo III (s/n 0D784124 and up) & III X

1656-8M0046682
2.43 ratio, dual water pickup
Fits Bravo III (s/n 0D784124 and up) & III X

1656-8M0046831
1.81 ratio, dual water pickup
Fits Bravo III XR (s/n 0W240000 and up)

1656- 8866J08
SeaCore
1.36 & 1.50 ratio
Fits Bravo III X

1656- **8866J24**
SeaCore
1.65 ratio
Fits Bravo III & III X

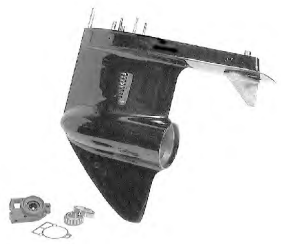
1656- **8866J09**
SeaCore
1.81, 2.00 & 2.20 ratio
Fits Bravo III & III X. Also fits Bravo III XR - 2.00 ratio

1656- **8866J07**
SeaCore
1.81ratio
Fits Bravo III XR - 1.81 ratio

1656- **8866J25**
SeaCore
2.43 ratio
Fits Bravo III

GEAR HOUSINGS - BASIC

MC-I/R GEAR HOUSING



1623- **5356A 4**
Fits MC-I & R drives

ALPHA ONE GEAR HOUSING



1623- **8951A37**
Standard Rotation (RH)
Fits MR & Alpha One

1623- **8951A39**
Counter Rotation (LH)
Fits MR & Alpha One

ALPHA ONE GEN II GEAR HOUSING



1623-**815822A30**
Standard Rotation (RH)
Fits Alpha One Gen II (s/n 0D469859-0F679999)

1623-**815822A28**
Counter Rotation (LH)
Fits Alpha One Gen II (s/n 0D469859-0F679999)

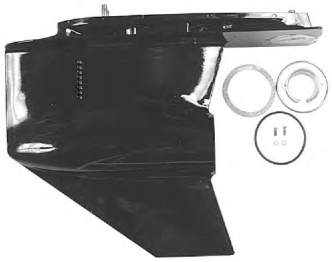
1623-**815822A36**
Standard or Counter Rotation
Fits Alpha One Gen II (s/n 0F680000 and up)

BRAVO ONE GEAR HOUSING



1656- **8866A11**
Fits Bravo I (s/n 0D469908 & below)

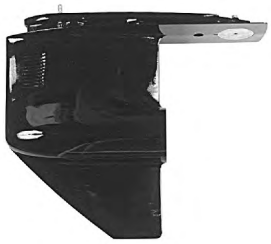
BRAVO ONE GEAR HOUSING



1656- **8866A64**
With dual water pickup
Fits Bravo I (s/n 0D469909 & up) & X/XR/XZ

1656- **8866J00**
SeaCore
With dual water pickup
Fits Bravo I & I X

BRAVO TWO GEAR HOUSING



1641- **8294A14**
Fits Bravo II (s/n 0D469920 & up)

1641- **8294J00**
SeaCore
Fits Bravo II & IIX

BRAVO THREE GEAR HOUSING



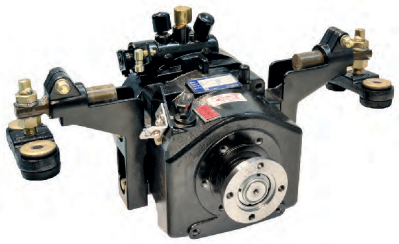
1656-**8M0046683**
Dual water pickup
Fits Bravo III (s/n 0D784124 and up)

1656- **8866J30**

SeaCore
With dual water pickup
Fits Bravo III

ZF/HURTH 45C DIRECT ACROSS

TRANSMISSION ASSEMBLY



8M0188305

Completely dressed. Brand new ZF 45C Coaxial inboard transmission. Includes oil cooler, hoses, and mounting hardware. 4" output flange. Recommended for light boat applications (<5000#) with engines up to 350 HP @ 5000 RPM.
This transmission can be used with STD Rotation or Counter Rotation engine. The pump can be "clocked" to run correct direction for STD and Counter Rotation engines.

Replaces ZF 45C & Borg Warner 71C Series Direct Drive Transmission with 1.00 Gear Ratio on light boats using 5.7L, 6.2L, & 383 small block engines.

ZF/HURTH 630A DOWN ANGLE TRANSMISSION

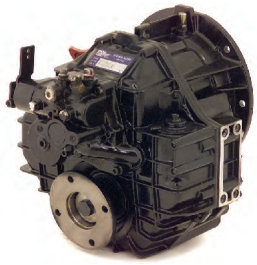
TRANSMISSION ASSEMBLY

8M0163798

Completely dressed, brand new Down-Angle Inboard Transmission. Includes oil cooler, hoses and mounting harware.
Standard (right-hand) Rotation

Replaces ZF / Hurth HSW630A 1 Transmission with 1.50:1 Gear Ratio.

TRANSMISSION ASSEMBLY



8M0163799

Completely dressed, brand new Down-Angle Inboard Transmission. Includes oil cooler, hoses and mounting harware.
Standard (right-hand) Rotation

Replaces ZF / Hurth HSW630A 1 Transmission with 2.00:1 Gear Ratio.

8M0163800

Completely dressed, brand new Down-Angle Inboard Transmission. Includes oil cooler, hoses and mounting harware.
Standard (right-hand) Rotation

Replaces ZF / Hurth HSW630A 1 Transmission with 2.50:1 Gear Ratio.

TRANSMISSION ASSEMBLY

Image not Available.

8M0163801

Completely dressed, brand-new ZF 68A Down-Angle Inboard Transmission. Includes oil cooler, hoses and mounting hardware.
This is a full power reverse transmission.

Replaces ZF / Hurth 63A & 68A transmissions with 2.7:1 Gear Ratio.

ZF/HURTH 630 V-DRIVE TRANSMISSION

TRANSMISSION ASSEMBLY



8M0188312

Completely dressed, brand new V-Drive Inboard Transmission. Includes oil cooler, hoses and mounting hardware.
This is a Full Power Reverse Transmission for use with Standard (Right Hand) Rotation Engines

Replaces ZF / Hurth HSW630V1 Transmission with 1.50:1 Gear Ratio.

896346708

Completely dressed, brand new V-Drive Inboard Transmission. Includes oil cooler, hoses and mounting harware.
Standard (right-hand) Rotation

Replaces ZF / Hurth HSW630V1 Transmission with 2.00:1 Gear Ratio.

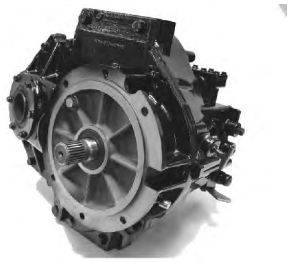
8M0163804

Completely dressed, brand new V-Drive Inboard Transmission. Includes oil cooler, hoses and mounting harware.
Standard (right-hand) Rotation

Replaces ZF / Hurth HSW630V1 Transmission with 2.50:1 Gear Ratio.

BORG WARNER / VELVET DRIVE DIRECT-ACROSS

TRANSMISSION ASSEMBLY



8M0129098

Completely dressed. Brand new Quicksilver exclusive 6-PAK Heavy Duty 71C Coaxial inboard transmission machined for and assembled with 6 forward gear heavy duty clutches and increased clutch pressure. Includes oil cooler, hoses, and mounting hardware. 4" output flange. Recommended for heavy boat applications (5000-15,000#) with engines up to 450 HP @ 6000 RPM.
This transmission can be used with STD Rotation or Counter Rotation engine. The pump can be "clocked" to run correct direction for STD and Counter Rotation engines.

Replaces Borg Warner 71C Series Direct Drive Transmission with 1.00 Gear Ratio where heavy boat loading is required using 5.7L, 6.2L, & 383 small block engines.

RACING

OUTBOARD HD PROPSHAFT KITS

Used to convert a standard outboard prop shaft to a heavy-duty application. Requires seal installation tool 91-840388.

PROPSHAFT KIT



44-**840450A03**

Kits contains new propshaft, washers, lock nut and prop hub assembly.
Fits 2.5L, left hand rotation outboards.

PROPSHAFT KIT



44-**840451A03**

Kits contains new propshaft, washers, lock nut and prop hub assembly.
Fits 2.5L, right hand rotation outboards.

CYLINDER HEADS FOR 2.5 EFI DRAG

DOES NOT include seal (858452--1) or o-ring (859772--1).

27.9CC O-RING CYLINDER HEAD



8M0050396

O-Ring sealed cylinder head replaces traditional head-gasket head. Provides greater head stability.
2.5 EFI Drag Cylinder Head. Equivalent to the 21CC gasketed drag race head.

CYLINDER HEAD WITH O-RINGS

849496T05

32.9CC O-ring sealed cylinder head replaces traditional head-gasket head. Provides greater head stability.
2.5 EFI Drag Cylinder Head. Stock Head.

43.9CC O-RING CYLINDER HEAD

8M0051522

O-ring sealed cylinder head replaces traditional head-gasket head. Provides greater head stability.
Standard 2.5 EFI Drag Cylinder Head. Equivalent to the 2.5 EFI Champ race head.
(Pump Gas)

2.5L DRAG POWERHEADS

These products are sold "as is" with no warranty.

CHAMP/S3000

These products are sold "as is" with no warranty.

CYLINDER HEADS FOR V-6 OUTBOARD

CYLINDER HEAD



18787T 2

26 cc
Fits Mercury/Mariner XR2/SST 120

CYLINDER HEAD



900-**8M0053744**

26 cc
Fits Mercury/Mariner S3000/Drag

CYLINDER HEAD



18787019

36.5 cc
Fits Mercury/Mariner Champ

STATOR

STATOR



398- **9610A27**

40 amp. Not for use with aluminum flywheels.
Fits Mercury Pro-Max and Mariner Super Magnum models only.

HEAVY DUTY BATTERY CABLES FOR V-6 OUTBOARDS

Designed to replace standard battery cables. Includes both positive and negative cable complete with ring terminals.

HEAVY DUTY BATTERY CABLES



84- **61378A 2**

6AWG, 72" inch, 1/4-5/16 engine, 5/16-3/8 battery
For use with Mercury/Mariner V-6 Outboards

PLASTIC REED VALVES

Designed specifically for high performance engines. Will withstand higher engine RPM without chipping.

PLASTIC REED VALVES



34- **14594A 2**

Dual stage - 5 petal reeds. Set contains 2 primary and 2 secondary reeds, 6 sets required per engine

PLASTIC REED VALVES



34-**849484A 1**

Single stage - 7 petal reeds. Set contains 2 reeds, 6 sets required per engine.

PLASTIC REED VALVES



34-**815242A 3**

Dual stage - 7 petal reeds. Set contains 2 primary and 2 secondary reeds, 6 sets required per engine

PLASTIC REED VALVES



34- **14594A 3**

Dual stage - 4 petal reeds. Rubber coated, set contains 2 primary and 2 secondary reeds, 6 sets required per engine

ELECTRIC FUEL PUMPS

ELECTRIC FUEL PUMP



848045A 7

Bosch, pump only, use with 56 PSI regulator
Fits 2.0, S3000, EFI Drag

ELECTRIC FUEL PUMP



18018A 1
Holley pump assembly
Fits SST 120, S2000 and 2.5L carburetor engines

ELECTRIC FUEL PUMP



840368A 1
Weldon pump assembly
Fits 2.5 Drag, S3000,Champ and F1.

FUEL PUMP ASSEMBLY COMPLETE QC4V



8M0058449
Fuel Pump Assembly
To be used on all QC4v engines

FUEL PUMP MOTOR



8M6002740
Motor for fuel pump assembly 8M0058449.
Fuel pump motor for QC4v fuel pump.

FUEL PUMP COUPLER



8M6002741
Couples fuel pump motor to fuel pump body.

FUEL FILTER ASSEMBLY

FUEL FILTER ASSEMBLY



35-**8M0050833**
Includes fuel filter, hose and adapter fitting.
Used on all Mercury Racing EFI engines.

SWITCHES AND ELECTRICAL COMPONENTS

ROCKER TRIM SWITCH



87- **61691**

LANYARD STOP SWITCH



87-**856654A 2**
3-1/2 in. (89 mm) wires, does not include cap. Normally closed switch.
Fits Mercury/Mariner outboards.

LANYARD STOP SWITCH



87-**856654A 1**

Normally open switch

LANYARD STOP SWITCH CAP



75095Q 2

Replacement cap for (65503A__ and 856654A__ series) Lanyard Stop Switches.
Fits Mercury/Mariner outboards and MCM/MIE engines.
Priced individually, sold @ multiples of 2
Quicksilver Branded, Clamshell Package Point of Sale Packaged.

TOGGLE SWITCH - ON/OFF



87- **66581**

TOGGLE SWITCH - MOMENTARY



87- **66582**

TRIM PUMPS

For Hydraulic Up/Down Race Center Sec.

TRIM PUMP KIT



818377A 2

Complete 12 volt horizontal pump with electric's, mounting bracket and attaching hardware.

TRIM HOSES

Steel braided, 3/8-24 UNF, inverted flare/double flare both ends

TRIM HOSE



32- **67032A12**

12 in.(304 mm)

32- **67032A24**

24 in.(610 mm)

32- **67032A36**

36 in.(914 mm)

32- **67032A48**

48 in.(1219 mm)

32- **67032A72**

72 in.(1828 mm)

32- **67032A96**

96 in.(2438 mm)

RIGGING ACCESSORIES

RIGGING TUBE KIT



32-**842756T01**

Mercury Racing version, the cowl fitting bolts firmly into place. Because the 2-1/2 inch tubing threads into the one piece couplers instead of over them, greater clearance is achieved for outboard rigging hardware including throttle cables, electronics cables, steering lines, and fuel lines. The durable hose and one piece couplers provide a complete seal at both the engine and boat ends. Hose length is 5 feet.

Fits all production 3.0 liter V-6 EFI and OptiMax cowls as well as Racing 3.0 liter OptiMax cowls.

350 VERADO SNORKEL KIT



8M8024668

For severe duty offshore applications requiring extra protection from water intrusion into the inlet tract. Attachs to the existing front air inlet scoop with block offs provided for the normal air ingress passages using a flange to attach tubing to the scoop and another flange to a dry air compartment forward of the transom.

Mercury 350 Verado outboards

FLUSHING KITS

FLUSHING KIT



849996T 1

Use for flushing gearcases with low water inlets/pick up.

Fits MCM Bravo I Performance & BlackHawk drives

FLUSHING KIT



843122T01

Designed specifically for the Mercury Racing Sport Master Gearcase. Mounts securely over the crescent-leading shape, providing water up through the low-water pick-ups.

Fits Mercury Racing Bravo I Sport Master. Also will work with the L6 Verado & V8 Sport Master.

FLUSHING ATTACHMENT



848703A 1

Fits Mercury Racing CLE gearcases. Engines may be run at idle speeds.

FLUSHING ATTACHMENT



848998A 1

Fits Mercury Racing Sport Master gearcases. Engines may be run at idle speeds.

FLUSHING ATTACHMENT



44357Q 2

Will allow for running at idle speeds. Attaches to the water intakes; provides a fresh water connection when flushing the cooling system or operating the engine.

Fits Mercury/Mariner 20 hp. and higher outboards, 9.9/15 hp. FourStroke (323cc) Bigfoot outboards, all Model Year 2005 and Newer 8/9.9 hp. Four Stroke outboards, 15 hp. FourStroke (351cc) outboards, all MerCruiser Sterndrives (except Bravo One Perf. & Blackhawk) and MHP Torque Master gearcases. Note: 2000 and newer V-6 outboards and MerCruiser Bravo drives with dual water pick-up also require Dual Water Pick-Up Flush Seal Kit p/n 881150Q 1.

Priced individually, sold @ multiples of 4

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

DUAL WATER PICKUP FLUSH SEAL KIT



881150K 1

Provides a front water pick-up seal for gearcases with dual water pick-ups
Fits 2000 and newer Mercury/Mariner V-6 outboards with dual water pick-ups; and 2000 and newer MerCruiser Bravo One, X, XR & XZ drives with dual water pick-ups.
Priced individually, sold @ multiples of 2
Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

GEARCASE CHARTS - OUTBOARD 2.5L MODEL

2.5L Sport Master Gearcase With Torque Tab

Ratio	Rotation	TorqueTab	Shaft Length	Part Number	Service Housing
1.62:1	RH	Yes	S(15)	1687-840560A27	1600-8M0083306
1.62:1	RH	Yes	L(20)	1687-840560A28	1600-8M0083306
1.62:1	RH	Yes	XL(25)	1687-840560A29	1600-8M0083306
1.75:1	RH	Yes	S(15)		1600-8M0083306
1.75:1	RH	Yes	L(20)		1600-8M0083306
1.75:1	RH	Yes	XL(25)		1600-8M0083306
1.87:1	RH	Yes	S(15)	1687-840560T33	1600-8M0083306
1.87:1	RH	Yes	L(20)	1687-840560T34	1600-8M0083306
1.87:1	RH	Yes	XL(25)	1687-840560T35	1600-8M0083306
2.00:1	RH	Yes	S(15)	1687-8M0081852	1600-8M0083306
2.00:1	RH	Yes	L(20)	1687-840560T37	1600-8M0083306
2.00:1	RH	Yes	XL(25)	1687-840560A38	1600-8M0083306

2.5L Sport Master Gearcase w/o Torque Tab

Ratio	Rotation	Torque Tab	Shaft Length	Part Number	Service Housing
1.62:1	RH	No	S(15)	1687-840561A27	1600-8M0084203
1.62:1	RH	No	L(20)	1687-840561A28	1600-8M0084203
1.62:1	RH	No	XL(25)	1687-840561A29	1600-8M0084203
1.75:1	RH	No	S(15)		1600-8M0084203
1.75:1	RH	No	L(20)		1600-8M0084203
1.75:1	RH	No	XL(25)		1600-8M0084203
1.87:1	RH	No	S(15)	1687-840561T33	1600-8M0084203
1.87:1	RH	No	L(20)	1687-840561T34	1600-8M0084203
1.87:1	RH	No	XL(25)	1687-840561A35	1600-8M0084203
2.00:1	RH	No	S(15)	1687-840561T36	1600-8M0084203
2.00:1	RH	No	L(20)	1687-840561A37	1600-8M0084203
2.00:1	RH	No	XL(25)	1687-840561A38	1600-8M0084203

2.5L Sport Master Gearcase Counter Rotation

Ratio	Rotation	Torque Tab	Shaft Length	Part Number	Service Housing
1.62:1	LH	No	S(15)	1687-840561A63	1600-8M0084203
1.62:1	LH	No	L(20)	1687-840561A64	1600-8M0084203
1.62:1	LH	No	XL(25)	1687-840561A65	1600-8M0084203
1.75:1	LH	No	S(15)		1600-8M0084203
1.75:1	LH	No	L(20)		1600-8M0084203
1.75:1	LH	No	XL(25)		1600-8M0084203
1.87:1	LH	No	S(15)	1687-840561T69	1600-8M0084203
1.87:1	LH	No	L(20)	1687-840561T70	1600-8M0084203
1.87:1	LH	No	XL(25)	1687-840561T71	1600-8M0084203
2.00:1	LH	No	S(15)	NLA	1600-8M0084203
2.00:1	LH	No	L(20)	NLA	1600-8M0084203
2.00:1	LH	No	XL(25)	NLA	1600-8M0084203

2.5L Torque Master Gearcase

Ratio	Rotation	Torque Tab	Shaft Length	Part Number	Service Housing
1.87:1	RH	Yes	L(20)		1686-827214T25
2.00:1	RH	Yes	L(20)		1686-827214T25

OUTBOARD GEARCASES - TORQUE MASTER FOR 2.5L MODELS

GEAR HOUSING



1686-827214T25

Gear housing only - satin finish.
Fits 2.5 L Outboards

OUTBOARD GEAR SET FOR 2.5L MODELS

GEAR CONVERSION KIT



43-849189T 2

To convert a 1.87:1 or 2.00:1 ratio RH rotation gearcase to a 1.75:1 ratio
Fits 2.5L outboards

WATER PRESSURE RELIEF VALVE KIT

WATER PRESSURE RELIEF VALVE KIT



863208A 3

The purpose of this kit is to regulate engine block water pressure to a maximum of 30 psi and vent excess water overboard.

Fits all MCM engines in high performance applications where engine block water pressures are exceeding the maximum 30 psi.

ENGINE MOUNTS

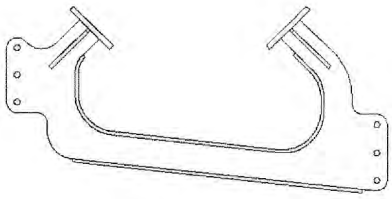
ENGINE MOUNT



849143T

Front - Single

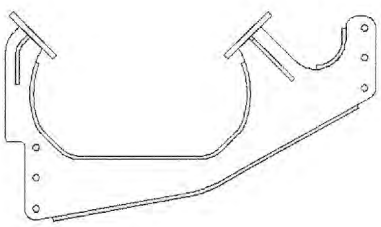
ENGINE MOUNT



849339T

Front Port - Side by Side

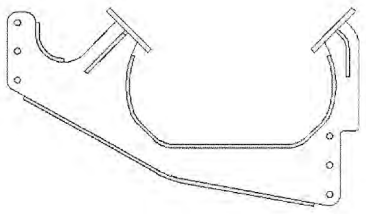
ENGINE MOUNT



849310T

Front Starboard - Staggered

ENGINE MOUNT



849335T

Front Port - Staggered

SPACER KITS

SIX SSM SPACER KIT



846743A 1

.50 inch (12.7 mm) spacer

846562A 1

1 inch (25.4 mm) spacer

846563A 1

1.50 inch (38.1 mm) spacer

846744A 1

2 inch (50.8 mm) spacer

846745A 1

2.50 inch (63.5 mm) spacer

846564A 1

3 inch (76.2 mm) spacer

M8 DRIVE SPACER KIT



8M8025968

.50 inch (12.7 mm)

Lowers M8 drives .50 inch from stock height.

8M8025970

1.50 inch (38.1 mm)

Lowers M8 drives 1.50 inches from stock height.

8M8025969

1 inch (25.4 mm)

Lowers M8 drives 1 inch from stock height.

8M8025971

2 inch (50.8 mm)

Lowers M8 drives 2 inches from stock height.

8M8025972

2.50 inch (63.5 mm)

Lowers M8 drives 2.50 inches from stock height.

8M8025973

3 inch (76.2 mm)

Lowers M8 drives 3 inches from stock height.

NXT1 SPACER KIT



8M8023731

.50 inch (12.7 mm)

Lowers NXT1 .50 inch from stock height.

8M8023733

1 inch (25.4 mm)

Lowers NXT1 drives 1 inch from stock height.

SPACER KIT

8M8023735

1.50 inch (38.1 mm)

Lowers NXT1 drives 1.50 inches from stock height.

8M8023737

2 inch (50.8 mm)

Lowers NXT1 drives 2 inches from stock height.

8M8023739

2.50 inch (63.5 mm)

Lowers NXT1 or NXT1/6 SSM drives 2.50 inches from stock height.

8M8023741

3 inch (76.2mm)

Lowers NXT1 drives 3 inches from stock height.

STERNDRIVE ACCESSORIES

QUICK-CHANGE THRU TRANSOM EXHAUST TIPS



843426A 1

Polished stainless steel tips feature a in.quick change in. anti-backflow valve. 2 outlets per kit.

For 4 in. (102 mm) I.D. exhaust pipe. Fits all Mercury Racing and Mercury MerCruiser consumer sterndrive engine packages.

TRANSOM EXHAUST TIPS REPAIR KIT



843426A 2

This kit is to repair the internal rubber flapper baffle for one 4 in. (102 mm) I.D. exhaust tip 843426A1. Contains components to repair one exhaust tip.

Fits all Mercury Racing and Mercury MerCruiser consumer sterndrive engine packages that have the Quick-Change Thru Transom Exhaust Tips

QUICK-CHANGE THRU TRANSOM EXHAUST TIPS



843434A 1

Polished stainless steel tips feature a in.quick change in. anti-backflow valve. 2 outlets per kit.

For 3 in. (76 mm) I.D. exhaust pipe. Fits all Mercury Racing and Mercury MerCruiser consumer sterndrive engine packages.

TRANSOM EXHAUST TIPS REPAIR KIT



843434A 2

This kit is to repair the internal rubber flapper baffle for one 3 in. (76 mm) I.D. exhaust tip 843434A1. Contains components to repair one exhaust tip.

Fits all Mercury Racing and Mercury MerCruiser consumer sterndrive engine packages that have the Quick-Change Thru Transom Exhaust Tips

TRANSOM EXHAUST TIPS FLAPPER ASSEMBLY



8M0109049

This kit is to repair the internal rubber flapper baffle for one 3 in. (76 mm) I.D. exhaust tip 843434A1. Contains components to repair one exhaust tip.

Fits all Mercury Racing and Mercury MerCruiser consumer sterndrive engine packages that have the Quick-Change Thru Transom Exhaust Tips

TRANSOM EXHAUST TIPS FLAPPER ASSEMBLY



8M0109050

This kit is to repair the internal rubber flapper baffle for one 4 in. (102 mm) I.D. exhaust tip 843426A1. Contains components to repair one exhaust tip.

Fits all Mercury Racing and Mercury MerCruiser consumer sterndrive engine packages that have the Quick-Change Thru Transom Exhaust Tips.

BRAVO ONE SPORT MASTER SPLASH PLATE



843042T03

Designed for extending the upper area of the Bravo One XR drives outfitted with the Sport Master Gearcase. Includes everything needed to mount the plate to a drive.

TAILSTOCK ASSEMBLY



8M8026029

Includes the shift linkage and cable mount required for manual shift transmissions.

For use with the Velvet Drive 72C based transmissions (BAM and Huber). Allows the use of Race M-Series transom plate assemblies and Race NXT1SSM stern drives utilizing those transmissions. Can also be used with Race Six Drive transom plate assemblies and Race NXT1SSM stern drives which require the removal of a spacer plate.

ENGINE HARNESS RIGGING KITS-NON DTS

FUEL TANK HARNESS



84-898289T75

120 inch Harness needed to connect tank senders to the 350 Verado SCI and sterndrive models 565 through 1650. Used with all engines, including 450R and V12.

ANALOG GAUGE INTERFACE (AGI) KIT



892486K07

Includes AGI module assembly, harness and hardware. For installations using analog gauges instead of SmartCraft. Use with analog tachometer, coolant temp, oil pressure or level, trim and fuel level. Enhanced voltage suppression.

Race MerCruiser or outboard engines in single or multiple engine installations plus MerCruiser 496Mag/Mag HO engines.

ANALOG GAUGE INTERFACE (AGI) KIT



892486K04

For installations using analog gauges instead of SmartCraft. Use with analog tachometer, coolant temp, oil temp, oil pressure or fuel pressure gauges. Enhanced voltage suppression.

Race MerCruiser engines with the 14 pin Deutsch connector engine wiring harness. One AGI kit per engine required.

VESSEL ANALOG GAUGE INTERFACE (AGI) KIT



892486K05

For installations using analog gauges instead of SmartCraft. Use with analog tab position (port & starboard), fuel level (two fuel tanks) and trim position gauges. Enhanced voltage suppression.

Race MerCruiser engines with the 14 pin Deutsch connector engine wiring harness. One AGI kit per boat required.

EXTENSION (WING) PLATES

OUTER EXTENSION (WING) PLATE



844342

Bolt on outer wing plate for driveline or close couple engine installations. Mounting hardware is shipped with the engines.

Racing MerCruiser engines with universal engine mounts.

INNER EXTENSION (WING) PLATE



8M0012221

Bolt on inner wing plate for driveline or close couple engine installations. Mounting hardware is shipped with the engines.

Racing MerCruiser engines with universal engine mounts.

SINGLE EXTENSION (WING) PLATE



8M0051209

Bolt on inner wing plate for driveline or close couple engine installations. Mounting hardware is shipped with the engines.

Racing MerCruiser engines with universal engine mounts.

FUEL FILTER

FUEL FILTER ASSEMBLY



35-**8M0050833**

Includes fuel filter, hose and adapter fitting.

Used on all Mercury Racing EFI engines.

MERCATHODE

MERCATHODE KIT



42600A18

Automatically protects the sterndrive from galvanic corrosion. Each Mercathode system is designed to protect one drive unit.

NXT1, NXT1/SSM or Dry Sump Six sterndrives.

FLOOR MOUNT KIT

X-HAUST NOISE REDUCER

Exhaust noise reduction system. Is compatible with both side-by-side (close couple) or staggered (driveline) engine installations depending on specific engine model. The Stage 1 system by itself limits idle noise levels to 88dBA. The Stage 1 system combined with the Stage 2 muffler kit will beat the stringent European Union (EU) Recreational Craft Directive (RCD) noise emission standard. Also provides compliance for most existing state or regional regulations that require a pass by test here in the United States. For use on Race 520, 540, 565, 600 SCi, EU 662 SCi and 700 SCi sterndrive engines.

X-HAUST STAGE 1 TAILPIPE KITS

CLOSE COUPLE TAILPIPE KIT - STAGE 1



8M0094135

520 Port outlet. Kit includes all mounting hardware.

For 520 close couple engines only. Both single and twin engine applications. Can be used with standard steering and all Bravo XR drives. Or the Axius steering system when installed with Bravo 3XR stern drives only.

CLOSE COUPLE TAILPIPE KIT - STAGE 1



8M0094136

520 Starboard outlet. Kit includles all mounting hardware.

For 520 close couple engines only. Both single and twin engine applications. Can be used with standard steering and all Bravo XR drives. Or the Axius steering system when installed with Bravo 3XR stern drives only.

EXHAUST COUPLER ASSEMBLY

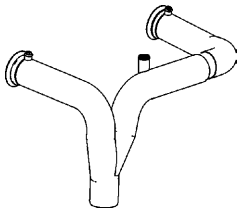


8M0123001

Exhaust coupler 10.5"

To be used when taller exhaust than standard is used on the 520

CLOSE COUPLE TAILPIPE KIT - STAGE 1

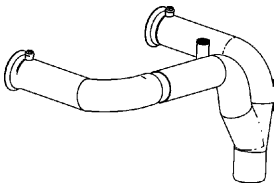


8M8023624

Port outlet. Requires 1 each 8M8023358 hardware kit for each tailpipe kit ordered.

For use on 540, 565, 600 SCi, EU662 SCi and 700 SCi sterndrive engines.

CLOSE COUPLE TAILPIPE KIT - STAGE 1

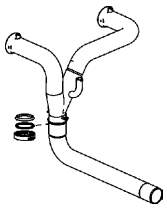


8M8023625

Starboard outlet. Requires 1 each 8M8023358 hardware kit for each tailpipe kit ordered.

For use on 540, 565, 600 SCi, EU662 SCi and 700 SCi sterndrive engines.

DRIVELINE TAILPIPE KIT - STAGE 1

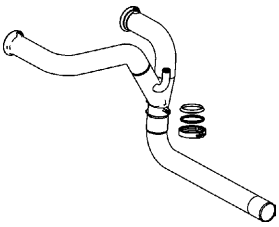


8M8023626

Port outlet. Requires 1 each 8M8023359 hardware kit for each tailpipe kit ordered.

For use on 540, 565, 600 SCi, EU662 SCi and 700 SCi sterndrive engines.

DRIVELINE TAILPIPE KIT - STAGE 1



8M8023627

Starboard outlet. Requires 1 each 8M8023359 hardware kit for each tailpipe kit ordered.

For use on 540, 565, 600 SCi, EU662 SCi and 700 SCi sterndrive engines.

X-HAUST TAILPIPE HARDWARE KITS

X-HAUST HARDWARE KIT



8M8023358

1 required for each X-Haust close couple tailpipe kit (8M8023624 or 8M8023625) ordered.

For use with X-Haust Stage 1 close couple tailpipe kits.

X-HAUST HARDWARE KIT



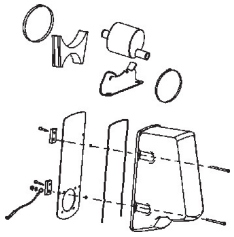
8M8023359

1 required for each X-Haust driveline tailpipe kit (8M8023626 or 8M8023627) ordered.

For use with X-Haust Stage 1 driveline tailpipe kits.

STAGE 2 MUFFLER KIT

X-HAUST STAGE 2 MUFFLER KIT



8M8023320

Transom muffler, idle relief attenuator, brackets and hardware are included in kit. One muffler kit required for each installed Stage 1 tailpipe kit.

For use on 520, 540, 565, 600 SCi, EU662 SCi and 700 SCi sterndrive engines with installed Stage 1 tailpipe kit(s).

X-HAUST ACCESSORIES

IDLE RELIEF OUTLET, TRANSOM DISCHARGE



8M0037021

One required for each engine with installed Stage 1 X-Haust system or Stage 1 and Stage 2 X-Haust systems. For back of boat discharge.

For use on 540, 565, 600 SCi, EU662 SCi and 700 SCi sterndrive engines.

IDLE RELIEF OUTLET, TRANSOM DISCHARGE



8M0092927

One required for each engine with installed Stage 1 X-Haust system or Stage 1 and Stage 2 X-Haust systems. For back of boat discharge.

For use on 520 sterndrive engines.

IDLE RELIEF OUTLET, SIDE DISCHARGE



8M0038928

One required for each engine with installed Stage 1 X-Haust system or Stage 1 and Stage 2 X-Haust systems. For port or starboard side of boat discharge.

For use on 540, 565, 600 SCi, EU662 SCi and 700 SCi sterndrive engines.

X-HAUST TRANSOM DRILL FIXTURE



91-**8M0097143**

X-Haust installation tool

For use on 520 engines

X-HAUST TRANSOM DRILL FIXTURE



91-**8M0036608**

X-Haust installation tool

For use on 600 SCi, EU662 SCi and 700 SCi engines.

X-HAUST TRANSOM DRILL FIXTURE



91-**8M0064794**

X-Haust installation tool

For use on 540 and 565 engines.

M8 DRIVES

TRIM HOSE EXTENSION KIT



8M8027354

Set of two 96 inch hoses with 90 degree bend at one end.

For use with the common M series transom plates and M8 or NXT1 stern drives.

M8 PROP AERATOR KIT



8M8027372

Needed on certain boat hulls to ventilate the propellor(s) and reduce time to plane.

Race M8 stern drives.

NXT1 DRIVELINE KIT

NXT TRANSMISSION DRIVELINE KIT



842064A02

For conversion of a close couple 700SCi to a driveline engine .

Racing sterndrive packages with the NXT transmission only.

NXT1 PROP HUB KITS

HUB KIT



8M8022263

Double nut kit for use with Mercury Racing NXT1 sterndrives adapting Cleaver propellers.

NXT1 STEERING INDICATOR

STEERING POSITION INDICATOR KIT



8M8021162

Provides steering position indication.

For use with the Race NXT1 drive only. Compatible with SmartCraft SC1000 gauges, SC5000 Systemview and Systemview Race Edition.

NXT1 WATER PICKUP KITS

WATER PICK UP KIT



842049A01

(0.1 square inch)
Interchangeable water pick up. For boat speed of 150 to 200 mph.
Race NXT1 sterndrives. One kit per drive required.

842049A02

(0.2 square inch)
Interchangeable water pick up. For boat speed of 110 to 160 mph.
Race NXT1 sterndrives. One kit per drive required.

842049A03

(0.3 square inch)
Interchangeable water pick up. For boat speed of 90 to 130 mph.
Race NXT1 sterndrives. One kit per drive required.

842049A04

(0.4 square inch)
Interchangeable water pick up. For boat speed of 80 to 100 mph.
Race NXT1 sterndrives. One kit per drive required.

842049A06

(0.6 square inch)
Interchangeable water pick up. For boat speed of 60 to 80 mph.
Race NXT1 sterndrives. One kit per drive required.

842049A08

(0.8 square inch)
Interchangeable water pick up. For boat speed of 50 to 70 mph.
Race NXT1 sterndrives. One kit per drive required.

NXT1 TORPEDO BORE COVER ASSEMBLY



8M8022198

To be installed in place of NXT1 water pick ups when hull mounted water pick ups are installed/used.
For use with NXT1 drives only. Not for use with NXT1 SSM drives.

QC4V ENGINES

NON-POWER STEERING ADAPTER KIT



8M8026006

Eliminates the power steering pump from the engine. With the adapter and pulley from the kit installed, the drive belt is re-used in its original routing.
Mercury Racing QC4v 1100 and 1350 hp engines.

CARBON FIBER DRESS KIT



8M8026070

Cosmetic upgrade kit. Includes front cover, port and starboard air intake covers plus installation hardware.
Race QC4v 1100 engines only. Kit comes standard on 1350 engines.

POWER STEERING

POWER VALUE BLOCK ASSEMBLY



844399T01

Used to connect the power steering pump on the engine(s) with the steering helm and the steering cylinders located on the drive(s). Includes air purge bleeder-check valves and pressure relief valves.
NXT1, NXT1/SSM or Dry Sump Six sterndrives.

POWER STEERING RESERVOIR CAP



8M8020356

With threads to fit a -8 ORB fitting. Allows engines to be rigged with a series return line, or with the use of two power steering caps a common boat reservoir can be added between the two engine mounted reservoirs.

Gen. 1 525 EFI and 600 SCI engines. All 700 SCI engines.

POWER STEERING RESERVOIR KIT



8M8026004

External power steering reservoir. For use in applications where a common reservoir is wanted or needed. Comes with two inlet ports and two outlet ports plus an integral bracket that is suitable for mounting to a vertical surface.

For use with all Race 600, 700, 860, and all QC4v engines.

BRAVO GIMBAL RING CONVERSION KIT

GIMBAL RING KIT



8M0061384

Used to convert standard Bravo gimbal ring to heavy duty gimbal ring and bell housings. Trim limit switch cannot be used on HD gimbal ring.

Fits MCM Bravo drives

RACE DTS ACCESSORIES

EXTENSION HARNESS



84-**8M8026041**

7 ft. wiring extension harness for shift function. Labeled lever 1.

For use with Race DTS (digital throttle and shift) 14 pin data harnesses.

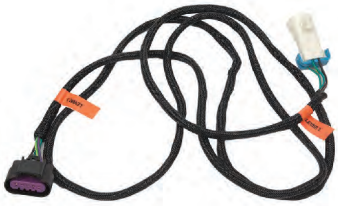
LEVER 2 HARNESS ASSEMBLY



84-**8M0192269**

Lever 2 Harness assembly

EXTENSION HARNESS



84-**8M0192270**

7 ft. length wiring extension harness for throttle function. Labeled lever 3.

For use with Race DTS (digital throttle and shift) 14 pin data harnesses.

EXTENSION HARNESS



84-**8M0192271**

7 ft. length wiring extension harness for throttle function. Labeled lever 4.

For use with Race DTS (digital throttle and shift) 14 pin data harnesses.

BEARING UPGRADE KITS

GIMBAL BEARING KIT



30-**879194A00**

Perma-Lube Bearing Kit required to retrofit the new XR/XZ drives to older Bravo transom plate assemblies to provide enough clearance for the larger u-joint on the new XR/XZ drives.

Fits Bravo transom assemblies

DRIVESHAFT ASSEMBLY

DRIVESHAFT ASSEMBLY



45-**847633A 1**

9 in.(229 mm) 1480 series heavy duty driveline. Adapter may be required for transmission.

Fits Mercury Racing VI and VII stern drives.

BRAVO HD PROPSHAFT KIT

PROPSHAFT KIT



44-**840377A 1**

Used to convert standard Bravo propshaft to a heavy-duty propshaft. A special tool (91-840393A 1) is also required to install the heavy-duty propshaft.

Fits Bravo One drives

RETAINER WRENCH TOOL KIT



91-**840393A 1**

Aids in the installation of the bearing carrier retainer with a heavy-duty propeller shaft installed on the lower unit.

TRANSOM MOUNTED WATER PICKUP

SEAWATER PICKUP



88845A 1

Transom mount, for 1-1/4 in.(32 mm) hose.

Fits any sterndrive engine that has an engine mounted seawater pump.

JET DRIVE

JET DRIVE SHIFT CABLES

SHIFT CABLE



820671A18

30 series cable with 10/32 end threads.

Fits Sport-Jet 90/95/120 (1993-96)

5.5 m (18 ft.)

SHIFT CABLE



64-853951A10

40 series cable with 1/4-28 end threads. Includes shift cable bellows kit.

Fits Sport-Jet 175 (1997 thru 1999) and can also be used for 90/95/120 when used with optional Remote Control and Conversion Kit 850698A 1.

3.0 m (10 ft.)

64-853951A16

40 series cable with 1/4-28 end threads. Includes shift cable bellows kit.

Fits Sport-Jet 175 (1997 thru 1999) and can also be used for 90/95/120 when used with optional Remote Control and Conversion Kit 850698A 1.

4.9 m (16 ft.)

64-853951A18

40 series cable with 1/4-28 end threads. Includes shift cable bellows kit.

Fits Sport-Jet 175 (1997 thru 1999) and can also be used for 90/95/120 when used with optional Remote Control and Conversion Kit 850698A 1.

5.5 m (18 ft.)

SHIFT CABLE



858342A10

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

3.0 m (10 ft.)

858342A12

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

3.7 m (12 ft.)

858342A14

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

4.3 m (14 ft.)

858342A16

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

4.9 m (16 ft.)

858342A18

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

5.5 m (18 ft.)

858342A20

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

6.1 m (20 ft.)

858342A22

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

6.7 m (22 ft.)

BULKHEAD COMPRESSION FITTINGS



820675

Fits Sport-Jet 90/95/120 and 175 with 40 series cables. Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

SHIFT CABLE BELLOWS



877581A 2

For 40 Series cable, installs on cable outside of transom.

Fits Sport-Jet 175 (1999 and older) and 90/95/120 with optional 802755 Remote Control with 40 Series shift cable.

SHIFT CABLE BELLOWS



877581A 5

For 40 series cable, installs on cable outside of transom.

Fits Sport-Jet 120XR2 and 175 (2000 and newer) with 40 series shift cables. Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

BULKHEAD BELLOWS KIT



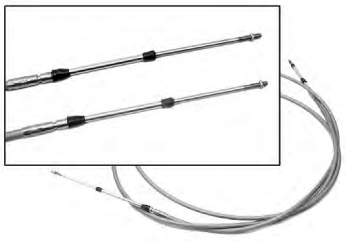
850697A 2

Fits Jet Drive models with 40 series cables

PLATINUM PLUS THROTTLE AND SHIFT CABLE SAE

Platinum Plus Throttle and Shift cable is built for a long life and is designed for maximum performance in all weather conditions – even down to 0 degrees Fahrenheit.
Layered Technology Featuring -
- Tough polypropylene outer jacket is UV and abrasion resistant
- 22 oil-tempered wires for increased compression strength and durability
- Lubricated core liner to stand up to the harsh marine environment while remaining flexible
- Patented hexagonal shape allows for minimal contact with the liner
- Stainless steel core is specially designed to handle tough compression loads, but flexible for severe applications

PLATINUM PLUS THROTTLE AND SHIFT CABLE



8M0082575

3 FT (.92m)
SAE Controls

8M0082576

4 FT (1.2m)
SAE Controls

8M0082577

5 FT (1.5m)
SAE Controls

8M0082578

6 FT (1.8m)
SAE Controls

8M0082579

7 FT (2.1m)
SAE Controls

8M0082580

8 FT (2.4m)
SAE Controls

8M0082581

9 FT (2.7m)
SAE Controls

8M0082582

10 FT (3.0m)
SAE Controls

8M0082583

11 FT (3.4m)
SAE Controls

8M0082584

12 FT (3.7m)
SAE Controls

8M0082585

13 FT (4.0m)
SAE Controls

8M0082586

14 FT (4.3m)
SAE Controls

8M0082587

15 FT (4.6m)
SAE Controls

8M0082588

16 FT (4.9m)
SAE Controls

8M0082589

17 FT (5.2m)
SAE Controls

8M0082590

18 FT (5.5m)
SAE Controls

8M0082591

19 FT (5.8m)
SAE Controls

8M0082592

20 FT (6.1m)
SAE Controls

8M0082593

21 FT (6.4m)
SAE Controls

8M0082594

22 FT (6.7m)
SAE Controls

8M0082595

23 FT (6.7m)
SAE Controls

8M0082596

24 FT (7.0m)
SAE Controls

8M0082597

25 FT (7.3m)
SAE Controls

8M0082598

26 FT (7.6m)
SAE Controls

8M0082599

27 FT (7.9m)
SAE Controls

8M0082600

28 FT (8.5m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

8M0082601

29 FT (8.8m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

8M0082602

30 FT (9.2m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

PLATINUM PLUS THROTTLE AND SHIFT

8M0082603

31 FT (9.5m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

8M0082604

34 FT (10.4m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

8M0082605

36 FT (11.0m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

8M0082606

38 FT (11.6m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

8M0082607

40 FT (12.2m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

JET DRIVE 135 & 270 DEG. STEERING SYSTEM

The 135 deg. system allows 135 degrees rotation of the steering wheel (3/8 turn lock to lock). The 270 deg. system allows 270 degrees rotation of the steering wheel (3/4 turn lock to lock).Order helm, bezel, and steering cable separately. If the size required is not listed, use the next larger size.

STEERING HELM



809486

135 Degree Steering Helm.

Fits all Sport Jet models, except V-6 models.

STEERING HELM



850699

270 Degree Steering Helm.

Fits all Jet Drive models

TILT STEERING HELM



64-**879686**

270 Degree Steering Helm.

Fits all Jet Drive models

BEZEL KIT



809485

Fits all Jet Drive models

STEERING CABLE



64-**835457A11**

11 ft.(3.4 m) 60 series cable with 5/16-24 end threads. Includes steering cable bellows kit.

Fits all Jet Drive models.

64-**835457A13**

13 ft.(4.0 m) 60 series cable with 5/16-24 end threads. Includes steering cable bellows kit.

Fits all Jet Drive models.

64-**835457A15**

15 ft.(4.6 m) 60 series cable with 5/16-24 end threads. Includes steering cable bellows kit.

Fits all Jet Drive models.

64-**835457A17**

17 ft.(5.2 m) 60 series cable with 5/16-24 end threads. Includes steering cable bellows kit.

Fits all Jet Drive models.

64-**835457A19**

19 ft.(5.8 m) 60 series cable with 5/16-24 end threads. Includes steering cable bellows kit.

Fits all Jet Drive models.

64-**835457A21**

21 ft.(6.4 m) 60 series cable with 5/16-24 end threads. Includes steering cable bellows kit.

Fits all Jet Drive models.

64-**835457A23**

23 ft.(7.0 m) 60 series cable with 5/16-24 end threads. Includes steering cable bellows kit.

Fits all Jet Drive models.

STEERING CABLE BELLOWS



877581A 4

Installs on cable outside of transom

Fits Jet Drive models with 270 Degree system and 60 series cables

STEERING CABLE ROD END

STEERING ROD END



883053A 1

For 135 & 540 deg. steering systems. 5/16 in. (7.9 mm)

Fits Sport Jet models with 60 series cables

STEERING CABLE BULKHEAD FITTINGS AND BELLOWS KITS

Hardware used to complete Sport Jet installations. Use either bulkhead fittings or bellows kit. Not for use together.

BULKHEAD COMPRESSION FITTINGS



820675

Fits Sport-Jet 90/95/120 and 175 with 40 series cables. Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

BULKHEAD BELLOWS KIT



850005A 2

For 135 & 270 deg. steering systems and 60 series cables.

Fits Jet Drive models with 60 series cables

BULKHEAD BELLOWS KIT



850697A 2

Fits Jet Drive models with 40 series cables

IGNITION KEY SWITCH WITH HARNESSES

Mounts in a 2-1/8 in.(54 mm) hole. Includes warning horn and electrical connections for instrumentation and lanyard stop switch.

KEY SWITCH W/ HARNESS



84-816626A 2

2 ft. (610 mm) harness with audio warning horn.

Fits Mercury/Mariner 6 hp. and Higher (2 cycle, USA & BEL Origin) outboards, Mariner 30/40 hp. with oil injection (2 cycle, Japanese Origin), all Mercury / Mariner 4-Stroke (USA Origin) outboards, Force 40 hp. and Higher (1993 and Newer) and Mercury Jet Drives. When used with MY2005 and newer 8/9.9 hp. FourStroke outboards an adapter harness 892473A01 is required.

84-816626A15

15 ft. (4.57 m) harness with audio warning horn.

Fits Mercury/Mariner 6 hp. and Higher (2 cycle, USA & BEL Origin) outboards, Mariner 30/40 hp. with oil injection (2 cycle, Japanese Origin), all Mercury/Mariner 4-Stroke (USA Origin) outboards, Force 40 hp. and Higher (1993 and Newer) and Mercury Jet Drives. When used with MY2005 and newer 8/9.9 hp. FourStroke outboards an adapter harness 892473A01 is required.

84-816626A20

20 ft. (6.1 m) harness with audio warning horn.

Fits Mercury/Mariner 6 hp. and Higher (2 cycle, USA & BEL Origin) outboards, Mariner 30/40 hp. with oil injection (2 cycle, Japanese Origin), all Mercury/Mariner 4-Stroke (USA Origin) outboards, Force 40 hp. and Higher (1993 and Newer) and Mercury Jet Drives. When used with MY2005 and newer 8/9.9 hp. FourStroke outboards an adapter harness 892473A01 is required.

84-**816626A24**

25 ft. (7.6 m) harness with audio warning horn.

Fits Mercury / Mariner 6 hp. and Higher (2 cycle, USA & BEL Origin) outboards, Mariner 30/40 hp. with oil injection (2 cycle, Japanese Origin), all Mercury / Mariner 4-Stroke (USA Origin) outboards, Force 40 hp. and Higher (1993 and Newer) and Mercury Jet Drives. When used with MY2005 and newer 8/9.9 hp. FourStroke outboards an adapter harness 892473A01 is required.

FLUSHING KITS

FLUSHING ATTACHMENT



22-**820543A 1**

For consumer use. Only for use while engine is not running.

Fits 90/95/120 Sport-Jet.

FLUSHING ATTACHMENT



22-**820543A 6**

Allows the customer to flush the engines while engine is not running or idling under 1200 RPM.

Fits 200 OptiMax, 210 and 240 EFI Jet Drives.

FLUSHING KIT



22-**820573**

Dealer kit, flushes engine while the engine is running. This kit is not for permanent installation. It is intended as a dealer service tool aid.

Fits Sport-Jet 90/95/120 engines.

REPLACEMENT INLET GRATES

REPLACEMENT INLET GRATE



854810T 1

Stainless steel Rock Grate for shallow rocky conditions.

Fits all V-6 Jet Drives (1997 & newer) and Sport-Jet 120 Jet Drives (1999 and 2000).

REPLACEMENT INLET GRATE



852962T

Inlet Grate - aluminum fixed grate.

Fits all V-6 Jet Drives (1997 & newer) and Sport-Jet 120 Jet Drives (1999 and 2000). Standard grate on the Sport-Jet 175XR2.

REPLACEMENT INLET GRATE



856627T 3

Hydro Surge Grate - automatic weed clean out system

Fits all V-6 Jet Drives (1997 & newer) and Sport-Jet 120 Jet Drives (1999 and 2000).

ANODES - SPORT JET

ANODE ASSY.



97-**856581C**

Aluminum

ANODE KIT



97-**833163A 1**
Aluminum

ANODE



97-**820503 1**
Aluminum

ANODE CHART - SPORT JET

SportJet Pump Anodes

Model	Serial # Range	Nozzle Anode	Mat.	Rudder Anode	Mat.
90 Sport Jet	0E021000 and up	N.L.A.	Zinc	97-820503 1	Alum.
95XR Sport Jet	0E021000 and up	N.L.A.	Zinc	97-820503 1	Alum.
120 Sport Jet	0E080400 - 0E145579	N.L.A.	Zinc	97-820503 1	Alum.
120XR Sport Jet	0E145580 - 0E344999	N.L.A.	Zinc	97-820503 1	Alum.
120XR2 Sport Jet	0E145580 - 0E379999	97-856581C	Alum.	97-820503 1	Alum.
175XR2 Sport Jet	0E151580 - 0E344999	97-833163A 1	Alum.	97-820503 1	Alum.
175XR2 Sport Jet	0F345000 - 0E433153	97-856581C	Alum.	97-820503 1	Alum.
200 DFI	0E379931 - 0E428850	97-856581C	Alum.	97-820503 1	Alum.
200 DFI M2	0E379931 - 0E423075	97-856581C	Alum.	97-820503 1	Alum.
210 Carb	0E379931 - 0E433153	97-833163A 1	Alum.	97-820503 1	Alum.
210 Carb M2	0E370718 - 0E426999	97-856581C	Alum.	97-820503 1	Alum.
240 EFI	0E379931 - 0E406399	97-833163A 1	Alum.	97-820503 1	Alum.
240 EFI	0E406400 and up	97-856581C	Alum.	97-820503 1	Alum.
240 EFI M2	0E370718 and up	97-856581C	Alum.	97-820503 1	Alum.
250 DFI	0E407100 and up	97-856581C	Alum.	97-820503 1	Alum.
250 DFI M2	0E407100 and up	97-856581C	Alum.	97-820503 1	Alum.

MARINE BATTERIES AND ACCESSORIES

MARINE BATTERIES

In AGM batteries, the electrolyte (mixture of water and sulphuric acid) is largely absorbed in glass fibre. This type of battery is entirely maintenance-free and there is no gas formation with normal use. AGM batteries can be installed anywhere.

Their construction gives a very fast discharge at very high currents so AGM batteries are ideal for systems that require high currents (for instance when starting an engine). The battery poles of some models can be unscrewed and this type of battery can be combined with every standard battery terminal.

OPTIMA BLUE TOP DC 4.2



67-**886561**

High power, dual purpose engine start and deep cycle • For use in boats with large accessory loads • Sealed lead acid battery • 12 Volts nominal voltage • Color: light grey case with blue cover • Group size: BCI 34 • Metric dimensions: 254x175x200 mm (length/width/height) • Weight: 19,7 kg • Open circuit voltage (fully charged): 13.1 volts • Internal resistance (fully charged): 0.0028 ohms • Capacity: 55 Ah (C/20) • Reserve capacity: BCI: 120 minutes • Power: 765 amps CCA (EN -18°C), 870 amps MCA (BCI 0°C)

OPTIMA BLUE TOP BT SLI 4.2



67-**886560**

High power marine starting battery only • Sealed lead acid battery • 12 Volts nominal voltage • Color: dark grey case with blue cover • Group size: BCI 34 • Metric dimensions: 254x175x200 mm (length/width/height) • Weight: 17,4 kg • Open circuit voltage (fully charged): 12,8 volts • Internal resistance (fully charged): 0.0030 ohms • Capacity: 50 Ah (C/20) • Reserve capacity: BCI: 100 minutes • Power: 815 amps CCA (EN -18°C), 1000 amps MCA (BCI 0°C)

OPTIMA BLUE TOP DC 5.0



67-**8M9200903**

High power, dual purpose engine start and deep cycle
• For use in boats with large accessory loads
• Sealed lead acid battery
• 12 Volts nominal voltage
• Color: light grey case with blue cover
• Group size: BCI 27
• Metric dimensions: 309x172x221mm length/width/height)
• Weight: 22,7 kg
• Internal resistance (fully charged): 0.0025 ohms
• Capacity: 66 Ah (C/20)
• Reserve capacity: BCI: 140 minutes
• Power: 845 amps CCA (EN -18°C), 1000 amps MCA (BCI 0°C)

OPTIMA BLUE TOP DC 5.5



67-**886562**

High power, dual purpose engine start and deep cycle • For use in boats with large accessory loads • Sealed lead acid battery • 12 Volts nominal voltage • Color: light grey case with blue cover • Group size: BCI 31• Metric dimensions: 325x165x238 mm (length/width/height) • Weight: 26,5 kg • Open circuit voltage (fully charged): 13.1 volts • Internal resistance (fully charged): 0.0025 ohms • Capacity: 75 Ah (C/20) • Reserve capacity: BCI: 155 minutes • Power: 975 amps CCA (EN -18°C), 1125 amps MCA (BCI 0°C)

MARINE BATTERY



67-**8M0109257**

12V Full River AGM HC28 Start battery for outboards with electric starter.
Can be mounted in any orientation except inverted. US DOT and IATA certified non-spillable (sealed).
Performance: PHCA: 925A at 80°F (27°C);for 5 secondsCCA: 410A at 0ºF (-18ºC) - CA/MCA: 530A at 32ºF (0ºC) - HCA: 625A at 80ºF (27ºC) - Reserve capacity: 48 minutes
Short circuit current: 1300A - Operation temperature range: 5°F (-15°C) to 122°F (50°C).

4-stroke: 8HP – 30 HP
2-stroke: 8HP – 60 HP

MASTERVOLT AGM 12V/55AH



8M0178402

Excellent starter function battery for boats, RV's, service and navigation
· Perfect upgrade for flooded lead acid batteries
· Same initial power surge in an AGM 12/90 Ah as 180 Ah flooded lead-acid battery
· Glass-fibre technology ensures low internal resistance
· Use of thicker plates extends lifespan
· Can be combined with every standard battery terminal
· Also for medium cyclical use.
Specifications: 12V
· 55Ah nominal capacity C20
· Max. charge current: 15,3A
· CCA to SAE: 400A
· Terminals M6 A-type
· Outside dimensions incl. handles (LxWxH): 257x132x200mm
· Weight: 17kg

MASTERVOLT AGM BATTERY 12V/70AH



8M0178403

Excellent starter function battery for boats, RV's, service and navigation
· Perfect upgrade for flooded lead acid batteries
· Same initial power surge in an AGM 12/90 Ah as 180 Ah flooded lead-acid battery
· Glass-fibre technology ensures low internal resistance
· Use of thicker plates extends lifespan
· Can be combined with every standard battery terminal
· Also for medium cyclical use.
Specifications: 12V · 70Ah nominal capacity C20
· Max. charge current: 19,5A
· CCA to SAE: 460A
· Terminals M8 A-type
· Outside dimensions incl. handles (LxWxH): 348x167x178mm
· Weight: 21kg

BATTERY ACCESSORIES

OPTIMATE 2 BATTERY CHARGER



8M0072744

Fully automatic battery maintainer. Battery Performance guaranteed !
· Extends battery life
· Safe long term battery care
· Sealed weatherproof enclosure

OptiMateTM2, extends life and improves performance of a 12V battery of a vehicle / water craft or 12V battery operated system that is not in daily use. OptiMate 2 senses the battery condition, recharges and then keeps the battery 100% ready, never overcharging, and provides power to the anti-theft alarm, display, on board computer, etc. OptiMate 2 is ideal for standby power applications, the interactive standby mode during long term maintenance reverts to full charge mode if it senses high current drain from the battery.

OPTIMATE 5 BATTERY CHARGER



8M0072745

Complete 12V battery care for medium to large batteries
· Desulphates and saves neglected batteries
· Optimises battery power and life
· Safe long-term maintenance cycle
· Tests battery every hour
OptiMateTM5, the all-in-one tool for 12V battery care at home. Diagnoses, recovers, charges, tests and optimally maintains, automatically.

Forgot your battery throughout the winter? OptiMate 5 will recover it from deep discharge and optimally recharge it. Then it will check that the charge delivered is the best possible before then checking how well the battery can retain the charge. And tell you its status, at a glance. Of course, it will then maintain your battery at full charge safely for months at a time. And prolong its life by up to 400%. Reducing waste, for a better environment.

BATTERY TESTER AND ELECTRICAL SYSTEM ANALYSER T11



8M0147933

Fully graphical interface, LCD display, integrated printer, and touchpad with sensor technology. WET, AGM, AGM spiral, EFB, GEL, Ca. Complies to Specs: CCA, SAE, EN, IEC, DIN, CA/MCA, JIS, EN1, EN2. Tests the starter, alternator, and grounding, and can transfer the data to PC. Test results memory saving.
Battery tester and electrical system analyser for 12V/24V batteries.

BATTERY DESULFATOR



8M0157844

- 8mm Fork Terminals
- 1500 Ah Conditioning
- Cable Reach 34inch / 850mm
- Compliant to IP65 Rating
- Multi-Mode activation
- Multi-Voltage Activation 6v-48v
- Small to Medium Applications

Benefits:

- Increased Reliability
- Reduced Down-Time
- Reduced Greenhouse Emissions
- Reduced Warranty Costs & Running Costs

Works with all types of batteries (except lithium and NiCad). Tested and proven.

BATTERY CONNECTOR CABLE



84-**8M0111860**

Connect your battery easily with your Optimate charger. Weatherproof permanent battery lead, M6, 5A max,
SAE connection.

VENTED OUTBOARD SPLASH COVERS

A Splash cover protects your Mercury outboard from stones, fishing lures, sinkers and general cowl wear and tear. It is designed to protect your engine outboard cowling during use and is made from UV stabilized, water resistant Polysoft Polyester with felt like backing to avoid scratching the gel coat of the outboard.

Product features:
- Designed to protect outboard engine cowling during use
- Fully functional cover with breathable mesh venting
- Breathable, marine grade fabric and materials
- Increases resale value potential
- Prevents accidental damage
- Further reducing the already low noise values of Mercury engines
- Custom fit and having original signage
- Available in individual horse power rating for the most common categories

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087241**

F40 outboard splashcover with original Mercury -and horsepower signage.
For 4-cylinder engines only.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087242**

F50 outboard splashcover with original Mercury -and horsepower signage.
For 4-cylinder engines only.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087243**

F60 outboard splashcover with original Mercury -and horsepower signage.
For 4-cylinder engines only.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0110408**

F75 Sea Pro outboard splash cover with original Mercury and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087244**

F80 outboard splashcover with original Mercury -and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0097351**

F80 outboard splashcover with original Mercury -and horsepower signage.
Model Year 2014.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0110409**

F90 Sea Pro outboard splashcover with original Mercury and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087245**

F100 outboard splashcover with original Mercury -and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0097352**

F100 outboard splashcover with original Mercury -and horsepower signage. Model Year 2014.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087246**

F115 outboard splashcover with original Mercury -and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0097353**

F115 outboard splashcover with original Mercury -and horsepower signage. Model Year 2014.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0110410**

F115 Sea Pro outboard splashcover with original Mercury and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0136134**

F115 ProXS outboard splashcover with original Mercury and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087247**

F150 outboard splashcover with original Mercury -and horsepower signage. Model Year 2013.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0170455**

F150 ProXS outboard splashcover with original Mercury and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087251**

F225 Verado outboard splashcover with original Mercury -and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087248**

F150 Verado outboard splashcover with original Mercury -and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087252**

F250 Verado outboard splashcover with original Mercury -and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087249**

F175 Verado outboard splashcover with original Mercury -and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087253**

F275 Verado outboard splashcover with original Mercury -and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087250**

F200 Verado outboard splashcover with original Mercury -and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087254**

F300 Verado outboard splashcover with original Mercury -and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0087255**

F350 Sci Verado outboard splashcover with original Mercury -and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0108695**

F350 L6 generation outboard splashcover with original Mercury -and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0108696**

400R generation outboard splash cover with original Mercury Racing and horsepower signage

MERCURY 2-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0136136**

OptiMax ProXS outboard splashcover with original Mercury signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0136137**

Verado L6 (225-300HP) white outboard splashcover with original Mercury signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0136144**

Verado 400R outboard splashcover with original Mercury and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0170456**

Verado 450R outboard splashcover with original Mercury and horsepower signage. Recommended only for single engine applications.

4-STROKE VENTED SPLASH COVERS WITH QUICK PANEL ACCESS

The vented splash covers below include a flap so the quick access panel can be used even with the cover on.



MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0173206**

F175 V6 outboard splash cover with original Mercury and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0152596**

F200 V6 outboard splash cover with original Mercury and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0152598**

F225 V6 outboard splash cover with original Mercury and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0152600**

F250 V8 outboard splash cover with original Mercury and horsepower signage.

MERCURY 4-STROKE VENTED OUTBOARD SPLASH COVER



67-**8M0152601**

F300 V8 outboard splash cover with original Mercury and horsepower signage.

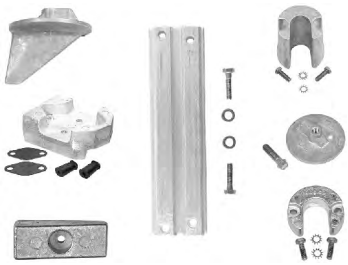
POINT-OF-SALE PRODUCT DISPLAYS

Various groupings of extremely fast moving, high volume products will be offered throughout the near future. They will be designed to fit on this easel, providing constant messaging for your in-store customers.



POINT-OF-SALE PRODUCT KITS

ANODE KIT



97-**8M0052656**

Let your customers know that our Cadmium-Free anodes are good for the environment and get them thinking about having them inspected for replacement. Anodes should always be replaced when 50% deteriorated for maximum protection.

Kit contains:

(2) 31640Q 4

(2) 821631Q 1

(2) 806190Q 1

(2) 76214Q 5

(2) 806189Q 1

(3) 826134Q

(2) 818298Q 1

(1) Cadmium-Free Placard

(1) suggested plan-o-gram for displaying on our easels

Applications are displayed on the back of the individual packages.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

POINT-OF-SALE PRODUCTS AND EASELS

ANODE KIT + QUICKSILVER EASEL



8M0070410

Includes 8M0052656 Anode Kit and Quicksilver Easel.

LOGOS

MERCURY DECAL

37-**8M0046011**

Diecut and furnished on a premask.

1.67 (42mm) inches tall x 13.01 (330mm) inches long.

M-ICON



37-**8M0080152**

Mercury Marine registered trademark icon in a polished chrome, 29mm diameter circle with Black background.

Designed for use on a flat surface.

37-**8M0043701**

Mercury Marine registered trademark icon in a polished chrome, 39mm diameter circle with Black background.

Designed for use on a flat surface.

37-**8M0043702**

Mercury Marine registered trademark icon in a polished chrome, 53mm diameter circle with Black background.

Designed for use on a flat surface.

37-**8M0043705**

Mercury Marine registered trademark icon in a polished chrome, 60mm diameter circle with Black background.

This icon has a more flexible backing and may be installed on a slightly curved surface.

M-ICON



37-**8M0043703**

Mercury Marine registered trademark icon in a polished chrome, 66mm diameter circle with Black background.

Designed for use on a flat surface.

M-ICON



37-**8M0043700**

Mercury Marine registered trademark icon in a polished chrome, 39mm diameter circle with Red background.

Designed for use on a flat surface.

37-**8M0043707**

Mercury Marine registered trademark icon in a polished chrome, 53mm diameter circle with Red background.

Designed for use on a flat surface.

37-**8M0043699**

Mercury Marine registered trademark icon in a polished chrome, 66mm diameter circle with Red background.

Designed for use on a flat surface.

Notes:

TABLE OF CONTENTS

Outboard Maintenance 230

135-150-175-200 (4 Cylinder) Verado 1B311420 and above 235
150 EFI FourStroke 1B905505 and above . . 233
15 HP EFI FourStroke 0R833820 and above 230
15 Hp FourStroke 0R235949 and above . . . 230
175-300HP V6 (3.4L) & V8 (4.6L) 236
2.5-3.5 HP FourStroke 0R131842 and above 230
200-300 (6 Cyl) Verado 1B390143 and above (prior to Gen V) 235
200-300 (6 Cyl) Verado 2B144123 and above (Gen V) 235
20 HP EFI FourStroke 0R833820 and above 231
20 Hp FourStroke 0R235168 and above . . . 231
25-30 Hp EFI FourStroke 0R106999 and above 231
350-400 (6 Cyl) Verado 236
40-50-60 Hp FourStroke 1C050252 and above 232
40 Hp (3 cyl) FourStroke 1C049739 and above 231
450R 238
4-5-6 Hp FourStroke 0R411838 and above . . 230
5.7L V10 350/400 Verado 237
7.6L V12 600HP Verado & 500HP SeaPro . . 237
75-90-115/115 Pro XS Hp FourStroke 2B094996 and above 233
75-90-115 Hp FourStroke 1B366823-2B094995 232
75-90-115 Hp FourStroke 2B094996 and above 232
75-90-115 Optimax (1.5L) 1B227000 and above 233
8-9.9 Hp FourStroke 0R042475 and above . . 230
V-6 Optimax (2.5L, non-Pro models) 1B227000 and above 234
V-6 Optimax (3.0L, non-Pro models) 1B227000 and above 234

Outboard Service Interval Kits 239

Outboard Service Interval Kits 239
Outboard Service Interval Kits - Without Anodes 242

MerCruiser Maintenance 244

3.0L MPI 244
3.0L TKS 244
4.3L MPI Alpha 245
4.3L MPI Bravo 245
4.3L TKS Alpha 244
4.3L TKS Bravo 244
4.5L MPI Alpha 245
4.5L MPI Bravo 245
5.0L/5.7L MPI Alpha 246
5.0L/5.7L MPI Bravo 246
5.0L/5.7L TKS Alpha 245
5.0L/5.7L TKS Bravo 246
5.7 & 6.2 MPI MIE 247
5.7L MPI Towsports 247
5.7L TKS MIE & Towsports 246
6.2L MPI Bravo 247
6.2L MPI Bravo (Mercury) 247
8.1L MCM & MIE 247
8.2L MCM & MIE 248
Alpha Sterndrive 248
Bravo Sterndrive 248

Mercury Diesel Maintenance 249

3.0L V6 TDI Diesel (Tier 3) 249
3.0L V6 VM Diesel 249
4.2L V8 TDI Diesel (Tier 3) 250
6.7L (135/150 NA) Diesel 250
6.7L (180/230/260/280 TCA) Diesel 250
6.7L (220 TC) Diesel 250
6.7L (480/500/550 TCA) Diesel 250
QSD 2.0 Diesel 249
QSD 2.8 Diesel 249
QSD 4.2 Diesel 249

MerCruiser Service Interval Kits 252

MerCruiser Engine Maintenance Kits 252
MerCruiser Sterndrive Maintenance Kits . . . 254

OUTBOARD MAINTENANCE

2.5-3.5 HP FOURSTROKE 0R131842 AND ABOVE

CARBURETOR REPAIR KIT
8M0090764

ANODE
97-**823913Q**

Aluminum

INLINE FUEL FILTER
35-**8M0157133**

An in-line fuel filter located under cowl on outboard engines.

WATER IMPELLER REPAIR KIT
889246A16

Includes impeller, key, face plate and face plate gaskets.

IMPELLER
47-**8M0204676**

IMPELLER

SPARK PLUG
33-**8M0204682**

NGK, DCPR6E, check and set gap per owner's manual or the emissions control information decal if present.

THERMOSTAT
804540

52 degrees Centigrade, 126 degrees Fahrenheit

4-5-6 HP FOURSTROKE 0R411838 AND ABOVE

CARBURETOR REPAIR KIT
8M0044575

Includes new float, float pin, inlet needle, bowl gasket and flange gaskets.

ANODE
97-**823912**

Aluminum, Round style.

97-**875208**

Square style.

INLINE FUEL FILTER
35-**8M0157133**

An in-line fuel filter located under cowl on outboard engines.

WATER IMPELLER REPAIR KIT
8M0155395

IMPELLER
47-**8M0204676**

IMPELLER

SPARK PLUG
33-**8M0204682**

NGK, DCPR6E, check and set gap per owner's manual or the emissions control information decal if present.

THERMOSTAT
804540

52 degrees Centigrade, 126 degrees Fahrenheit

300 HOUR SERVICE KIT
8M0120836

Fuel filter, oil drain seal, 2 - gearcase drain seals, thermostat, thermostat gasket, spark plug, impeller kit, anode.

8-9.9 HP FOURSTROKE 0R042475 AND ABOVE

CARBURETOR REPAIR KIT
8M0044576

Includes new float, float pin, inlet needle, bowl gasket, air box o-ring and flange gaskets.

TRIM TAB ANODE
853762T01

Zinc

ANODE
97-**875208**

Square style.

INLINE FUEL FILTER
35-**8M0157133**

An in-line fuel filter located under cowl on outboard engines.

WATER IMPELLER REPAIR KIT
47-**803748Q01**

Includes new impeller and face plate.

47-**803748Q02**

Includes new impeller and face plate.

WATER PUMP IMPELLER
47-**803748**

47-**803748 1**

SPARK PLUG
33-**8M0204682**

NGK, DCPR6E, check and set gap per owner's manual or the emissions control information decal if present.

300 HOUR SERVICE KIT
8M0120837

Fuel filter, oil drain seal, 2 - gear case drain seals, thermostat, thermostat gasket, 2 - spark plugs, impeller kit, anode

8M0120867

Fuel filter, oil drain seal, 2- gear case drain seals, thermostat, thermostat gasket, 2 - spark plugs, impeller kit, anode

15 HP FOURSTROKE 0R235949 AND ABOVE

CARBURETOR REPAIR KIT
8M0044577

Includes new float, float pin, inlet needle, bowl gasket, air box o-ring and flange gaskets.

TRIM TAB ANODE
853762T01

Zinc

ANODE
97-**875208**

Square style.

INLINE FUEL FILTER
35-**8M0157133**

An in-line fuel filter located under cowl on outboard engines.

FOURSTROKE OUTBOARD OIL FILTER
35-**8M0162832**

FourStroke Outboard replaceable screw-on type canister filters.

WATER IMPELLER REPAIR KIT
46-**8M0122064**

WATER PUMP IMPELLER
47-**803748**

SPARK PLUG
33-**8M0204682**

NGK, DCPR6E, check and set gap per owner's manual or the emissions control information decal if present.

15 HP EFI FOURSTROKE 0R833820 AND ABOVE

FUEL FILTER
35-**8M0134466**

Fits 15-20 EFI FourStroke Outboards

FOURSTROKE OUTBOARD OIL FILTER
35-**8M0162832**

FourStroke Outboard replaceable screw-on type canister filters.

COMPLETE WATER PUMP KIT
46-**8M0135821**

Includes both upper & lower housings, gaskets, plate and impeller.

HEAVY ABRASION RESISTANT WATER PUMP
8M0137849

Heavy duty face plate and housing designed to improve life in highly abrasive water conditions.

WATER PUMP IMPELLER
47-**8M0135803**

SPARK PLUG
33-**8M0204682**

NGK, DCPR6E, check and set gap per owner's manual or the emissions control information decal if present.

THERMOSTAT
8M0139434

125 Degrees

20 HP FOURSTROKE 0R235168 AND ABOVE

TRIM TAB ANODE
853762T01

Zinc

ANODE
97-**875208**

Square style.

INLINE FUEL FILTER
35-**8M0157133**

An in-line fuel filter located under cowl on outboard engines.

FOURSTROKE OUTBOARD OIL FILTER
35-**8M0162832**

FourStroke Outboard replaceable screw-on type canister filters.

WATER IMPELLER REPAIR KIT
46-**8M0122064**

WATER PUMP IMPELLER
47-**803748**

SPARK PLUG
33-**8M0204682**

NGK, DCPR6E, check and set gap per owner's manual or the emissions control information decal if present.

20 HP EFI FOURSTROKE 0R833820 AND ABOVE

FUEL FILTER
35-**8M0134466**

Fits 15-20 EFI FourStroke Outboards

FOURSTROKE OUTBOARD OIL FILTER
35-**8M0162832**

FourStroke Outboard replaceable screw-on type canister filters.

COMPLETE WATER PUMP KIT
46-**8M0135821**

Includes both upper & lower housings, gaskets, plate and impeller.

HEAVY ABRASION RESISTANT WATER PUMP
8M0137849

Heavy duty face plate and housing designed to improve life in highly abrasive water conditions.

WATER PUMP IMPELLER
47-**8M0135803**

SPARK PLUG
33-**8M0204682**

NGK, DCPR6E, check and set gap per owner's manual or the emissions control information decal if present.

THERMOSTAT
8M0139434

125 Degrees

25-30 HP EFI FOURSTROKE 0R106999 AND ABOVE

TRIM TAB ANODE
853762

Zinc

ANODE
97-**804043**

97-**823912002**

Aluminum

FUEL FILTER KIT
35-**8M0088825**

FOURSTROKE OUTBOARD OIL FILTER
35-**8M0162832**

FourStroke Outboard replaceable screw-on type canister filters.

IMPELLER REPAIR KIT
853792A07

WATER PUMP IMPELLER
47- **16154 1**

Various 25-30 Hp. FourStroke and 2-cylinder outboards.

SPARK PLUG
33-**8M0204682**

NGK, DCPR6E, check and set gap per owner's manual or the emissions control information decal if present.

40 HP (3 CYL) FOURSTROKE 1C049739 AND ABOVE

CARBURETOR REPAIR KIT
854256 1

TRIM TAB
822157T03

17264T 2

POWER TRIM ANODE
97-**818298Q 1**

Aluminum
Located on the bottom of the external power trim pump assembly.

97-**818298T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located on the bottom of the external power trim pump assembly.

SIDE POCKET ANODE
97-**826134Q**

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

97-**826134T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located in side pockets on the gearhousing just above the cavitation plate.

FUEL FILTER
35-**879885Q**

In-line, under cowl fuel filter.

INLINE FUEL FILTER
35-**879884T**

A cartridge type fuel filter located under the cowl on outboard engines.

FOURSTROKE OUTBOARD OIL FILTER
35-**8M0162830**

FourStroke Outboard replaceable screw-on type canister filters - Unparalleled oil filtering protection for your Mercury or Mariner FourStroke outboard engine.

OUTBOARD MAINTENANCE

COMPLETE WATER PUMP
46-**812966A12**

Includes both upper and lower housings, gaskets, key, O-ring, plate, and impeller

WATER PUMP IMPELLER
47- **19453T**

Fits various 30hp-60hp FourStroke outboards including 75hp Force outboard.

THERMOSTAT KIT
825212A 1

Includes 120 degree thermostat and gaskets.

TIMING BELT
57-**8M0151040**

Timing belt 8M0151040 is for use on Mercury 30 hp through 60 hp 4-stroke outboards (s/n 1C453840 and above). Reinforced for durability and long service life.

40-50-60 HP FOURSTROKE 1C050252 AND ABOVE

TRIM TAB
31640T07

EDP - Black, this painted tab will not perform an anodic function.

POWER TRIM ANODE
97-**818298Q 1**

Aluminum
Located on the bottom of the external power trim pump assembly.

97-**818298T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located on the bottom of the external power trim pump assembly.

ANODE KIT
97-**8M0107546**

Aluminum anodes - For use in saltwater or freshwater.
This is a complete anode kit to replace all factory installed anodes found on the transom and gearcase. Fasteners are included.

SIDE POCKET ANODE
97-**826134Q**

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

97-**826134T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located in side pockets on the gearhousing just above the cavitation plate.

FUEL FILTER
35-**879885Q**

In-line, under cowl fuel filter.

INLINE FUEL FILTER
35-**879884T**

A cartridge type fuel filter located under the cowl on outboard engines.

FOURSTROKE OUTBOARD OIL FILTER
35-**8M0162830**

FourStroke Outboard replaceable screw-on type canister filters - Unparalleled oil filtering protection for your Mercury or Mariner FourStroke outboard engine.

COMPLETE WATER PUMP
46-**812966A12**

Includes both upper and lower housings, gaskets, key, O-ring, plate, and impeller

46-**8M0113801**

Includes both upper & lower housings, gaskets, plate and impeller.

WATER PUMP IMPELLER
47- **19453T**

Fits various 30hp-60hp FourStroke outboards including 75hp Force outboard.

47- **43026T 2**

THERMOSTAT
8M0168892

120 Degrees F

TIMING BELT
57-**8M0151040**

Timing belt 8M0151040 is for use on Mercury 30 hp through 60 hp 4-stroke outboards (s/n 1C453840 and above). Reinforced for durability and long service life.

75-90-115 HP FOURSTROKE 2B094996 AND ABOVE

TRIM TAB
8M0091534

EDP painted, this tab does not provide anodic protection.

ANODIC PLATE
97- **76214Q 5**

Aluminum
Provides additional clearance for high rake propellers.

POWER TRIM ANODE
97-**818298Q 1**

Aluminum
Located on the bottom of the external power trim pump assembly.

97-**818298T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located on the bottom of the external power trim pump assembly.

SIDE POCKET ANODE
97-**826134Q**

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

97-**826134T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located in side pockets on the gearhousing just above the cavitation plate.

FUEL FILTER
35-**879885Q**

In-line, under cowl fuel filter.

FOURSTROKE OUTBOARD OIL FILTER
35-**8M0162830**

FourStroke Outboard replaceable screw-on type canister filters - Unparalleled oil filtering protection for your Mercury or Mariner FourStroke outboard engine.

COMPLETE WATER PUMP
8M0094529

Includes upper and lower housings, gaskets, plate, seals, key and impeller.

WATER PUMP IMPELLER
47- **43026T 2**

SPARK PLUG
33-**8M0204728**

THERMOSTAT ASSEMBLY
8M0090819

Includes thermostat and housing.

75-90-115 HP FOURSTROKE 1B366823-2B094995

TRIM TAB
31640T07

EDP - Black, this painted tab will not perform an anodic function.

POWER TRIM ANODE
97-**818298Q 1**

Aluminum
Located on the bottom of the external power trim pump assembly.

97-**818298T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located on the bottom of the external power trim pump assembly.

ANODE KIT
97-**8M0107546**

Aluminum anodes - For use in saltwater or freshwater.
This is a complete anode kit to replace all factory installed anodes found on the transom and gearcase. Fasteners are included.

97-**8M0107548**

Aluminum anodes - For use in saltwater or freshwater.
This is a complete anode kit to replace all factory installed anodes found on the transom and gearcase. Fasteners are included.

SIDE POCKET ANODE
97-**826134Q**

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

97-**826134T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located in side pockets on the gearhousing just above the cavitation plate.

FUEL FILTER
35-**879885Q**

In-line, under cowl fuel filter.

FOURSTROKE OUTBOARD OIL FILTER
35-**877761Q01**

Replaceable screw-on type canister filter.

AIR FILTER
35-**8M0082911**

COMPLETE WATER PUMP
46-**8M0113799**

Includes both upper & lower housings, gaskets, plate and impeller.

WATER PUMP IMPELLER
47- **43026T 2**

SPARK PLUG
33-**8M0157328**

NGK, LFR4A-E, check and set gap per owner's manual or the emissions control information decal if present.

THERMOSTAT ASSEMBLY
8M0090819

Includes thermostat and housing.

ALTERNATOR BELT
57-**897574Q01**

75-115 EFI 1.7L FourStroke outboard

75-90-115 OPTIMAX (1.5L) 1B227000 AND ABOVE

TRIM TAB
31640T07

EDP - Black, this painted tab will not perform an anodic function.

97- **31640T 6**

Magnesium - For freshwater use only. Do not use in Saltwater applications.

POWER TRIM ANODE
97-**818298Q 1**

Aluminum
Located on the bottom of the external power trim pump assembly.

97-**818298T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located on the bottom of the external power trim pump assembly.

SIDE POCKET ANODE
97-**826134Q**

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

97-**826134T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located in side pockets on the gearhousing just above the cavitation plate.

IN-LINE OIL FILTER
35-**875284T01**

In-line oil filter

FUEL FILTER ELEMENT
35-**8M0122423**

Under cowl replacement cartridge where applicable.

COMPLETE WATER PUMP
46-**8M0113799**

Includes both upper & lower housings, gaskets, plate and impeller.

WATER PUMP IMPELLER
47- **43026Q02**

SPARK PLUG
33-**892567Q**

NGK IZFR5J, check and set gap per owner's manual or the emissions control information decal if present.

THERMOSTAT
833072004

62 degrees Centigrade, 143 degrees Fahrenheit.

ALTENATOR BELT
57-**8M0026410**

75-125 Hp. 3 cylinder (1.5L) Optimax outboard

75-90-115/115 PRO XS HP FOURSTROKE 2B094996 AND ABOVE

TRIM TAB
8M0091534

EDP painted, this tab does not provide anodic protection.

ANODIC PLATE
97- **76214Q 5**

Aluminum
Provides additional clearance for high rake propellers.

POWER TRIM ANODE
97-**818298Q 1**

Aluminum
Located on the bottom of the external power trim pump assembly.

97-**818298T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located on the bottom of the external power trim pump assembly.

SIDE POCKET ANODE
97-**826134Q**

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

97-**826134T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located in side pockets on the gearhousing just above the cavitation plate.

FUEL FILTER
35-**879885Q**

In-line, under cowl fuel filter.

FUEL FILTER SCREEN
35-**8M0090809**

In-line, under cowl fuel filter

FOURSTROKE OUTBOARD OIL FILTER
35-**8M0162830**

FourStroke Outboard replaceable screw-on type canister filters - Unparalleled oil filtering protection for your Mercury or Mariner FourStroke outboard engine.

COMPLETE WATER PUMP
8M0094529

Includes upper and lower housings, gaskets, plate, seals, key and impeller.

WATER PUMP IMPELLER
47- **43026T 2**

SPARK PLUG
33-**8M0204728**

THERMOSTAT ASSEMBLY
8M0090819

Includes thermostat and housing.

150 EFI FOURSTROKE 1B905505 AND ABOVE

ANODIC PLATE
97- **76214Q 5**

Aluminum
Provides additional clearance for high rake propellers.

97- **76214A 6**

Magnesium - For freshwater use only. Do not use in saltwater applications.

ANODE KIT
97-**8M0107548**

Aluminum anodes - For use in saltwater or freshwater.
This is a complete anode kit to replace all factory installed anodes found on the transom and gearcase. Fasteners are included.

POWER TRIM ANODE
97-**8M0057772**

Aluminum. Located on the bottom of the external power trim assembly.

SIDE POCKET ANODE
97-**826134Q**

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

97-**826134T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located in side pockets on the gearhousing just above the cavitation plate.

FUEL FILTER
35-**879885Q**

In-line, under cowl fuel filter.

FUEL FILTER SCREEN
35-**8M0090809**

In-line, under cowl fuel filter

FOURSTROKE OUTBOARD OIL FILTER
35-**877761Q01**

Replaceable screw-on type canister filter.

COMPLETE WATER PUMP
8M0094529

Includes upper and lower housings, gaskets, plate, seals, key and impeller.

WATER PUMP IMPELLER
47- **43026T 2**

SPARK PLUG
33-**8M0204728**

THERMOSTAT ASSEMBLY
8M0090819

Includes thermostat and housing.

ALTERNATOR BELT
57-**8M0031641**

V-6 OPTIMAX (2.5L, NON-PRO MODELS) 1B227000 AND ABOVE

ANODIC PLATE
97- **76214Q 5**

Aluminum
Provides additional clearance for high rake propellers.

97- **76214A 6**

Magnesium - For freshwater use only. Do not use in saltwater applications.

POWER TRIM ANODE
97-**818298Q 1**

Aluminum
Located on the bottom of the external power trim pump assembly.

97-**818298T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located on the bottom of the external power trim pump assembly.

SIDE POCKET ANODE
97-**826134Q**

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

97-**826134T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located in side pockets on the gearhousing just above the cavitation plate.

IN-LINE OIL FILTER
35-**875284T01**

In-line oil filter

WATER SEPARATING FUEL FILTER
35- **18458Q 4**

Water separating fuel filter with the blue screw-in sensor.

WATER PUMP UPPER REPAIR KIT
46- **96148Q 8**

Includes plastic pump housing assembly, impeller, face plate, gaskets, drive key or pin, water tube guide sleeve, "O" rings and gearlube fill & vent screw seals. (Base not included)

WATER PUMP IMPELLER
47- **89984T 4**

SPARK PLUG
33-**889597Q**

NGK, IZFR5G, check and set gap per owner's manual or the emissions control information decal if present.

THERMOSTAT
833072003

62 degrees Centigrade,143 degrees Fahrenheit

ALTERNATOR BELT
57-**828507Q 4**

135/150/175 Optimax, 2.5L DFI outboard

V-6 OPTIMAX (3.0L, NON-PRO MODELS) 1B227000 AND ABOVE

ANODIC PLATE
97- **76214Q 5**

Aluminum
Provides additional clearance for high rake propellers.

97- **76214A 6**

Magnesium - For freshwater use only. Do not use in saltwater applications.

POWER TRIM ANODE
97-**818298Q 1**

Aluminum
Located on the bottom of the external power trim pump assembly.

97-**818298T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located on the bottom of the external power trim pump assembly.

SIDE POCKET ANODE
97-**826134Q**

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

97-**826134T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located in side pockets on the gearhousing just above the cavitation plate.

IN-LINE OIL FILTER
35-**875284T01**

In-line oil filter

FUEL FILTER ELEMENT
35-**8M0122423**

Under cowl replacement cartridge where applicable.

WATER PUMP IMPELLER
47- **43026T 2**

SPARK PLUG
33-**843220Q**

NGK, LZFR6J, check and set gap per owner's manual or the emissions control information decal if present.

THERMOSTAT
8M0057307

54 Degrees Centigrade, 130 Degrees Fahrenheit

BELT - ALTERNATOR
57-**828507Q 5**

135-150-175-200 (4 CYLINDER) VERADO 1B311420 AND ABOVE

ANODIC PLATE
97- **76214Q 5**

Aluminum
Provides additional clearance for high rake propellers.

97- **76214A 6**

Magnesium - For freshwater use only. Do not use in saltwater applications.

POWER TRIM ANODE
97-**818298Q 1**

Aluminum
Located on the bottom of the external power trim pump assembly.

97-**818298T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located on the bottom of the external power trim pump assembly.

SIDE POCKET ANODE
97-**826134Q**

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

97-**826134T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located in side pockets on the gearhousing just above the cavitation plate.

FUEL FILTER
35-**879885Q**

In-line, under cowl fuel filter.

FUEL FILTER ELEMENT
35-**8M0122423**

Under cowl replacement cartridge where applicable.

FOURSTROKE OUTBOARD OIL FILTER
35-**877767Q01**

Replaceable screw-on type canister filter. Replaces the production 896546_ series oil filter.

AIR FILTER
35-**896247**

COMPLETE WATER PUMP
817275A09

Includes both upper and lower housings, gaskets, seals, key, Oil-carrier, retaining ring, plate, and impeller.

WATER PUMP IMPELLER
47- **43026T 2**

SPARK PLUG
33-**889246Q39**

NGK, ILFR6GE, check and set gap per owner's manual or the emissions control information decal if present.

THERMOSTAT ASSEMBLY
892864T04

Includes thermostat and housing.

ALTERNATOR BELT
57-**880566Q14**

6 cylinder Verado

200-300 (6 CYL) VERADO 1B390143 AND ABOVE (PRIOR TO GEN V)

ANODIC PLATE
97- **76214Q 5**

Aluminum
Provides additional clearance for high rake propellers.

97- **76214A 6**

Magnesium - For freshwater use only. Do not use in saltwater applications.

POWER TRIM ANODE
97-**880653**

Aluminum, Power Trim

97-**893404**

Multiple pieces may be required per engine application.

SIDE POCKET ANODE
97-**826134Q**

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

97-**826134T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located in side pockets on the gearhousing just above the cavitation plate.

FUEL FILTER
35-**879885Q**

In-line, under cowl fuel filter.

FUEL FILTER ELEMENT
35-**8M0122423**

Under cowl replacement cartridge where applicable.

FOURSTROKE OUTBOARD OIL FILTER
35-**877769Q01**

Replaceable screw-on type canister filter. Replaces the production 883701_ series oil filter.

AIR FILTER
35-**893318T02**

COMPLETE WATER PUMP
817275A09

Includes both upper and lower housings, gaskets, seals, key, Oil-carrier, retaining ring, plate, and impeller.

8M0078858

Includes water impeller, upper and lower housings, face plate, gaskets, drive key, face seal and water tube coupling.

WATER PUMP IMPELLER
47- **43026T 2**

SPARK PLUG
33-**889246Q39**

NGK, ILFR6GE, check and set gap per owner's manual or the emissions control information decal if present.

THERMOSTAT ASSEMBLY
892864T04

Includes thermostat and housing.

ALTERNATOR BELT
57-**880566Q14**

6 cylinder Verado

200-300 (6 CYL) VERADO 2B144123 AND ABOVE (GEN V)

ANODIC PLATE
97- **76214Q 5**

Aluminum
Provides additional clearance for high rake propellers.

97- **76214A 6**

Magnesium - For freshwater use only. Do not use in saltwater applications.

POWER TRIM ANODE
97-**880653**

Aluminum, Power Trim

97-**893404**

Multiple pieces may be required per engine application.

SIDE POCKET ANODE
97-**826134T**

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

97-**826134T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located in side pockets on the gearhousing just above the cavitation plate.

FUEL FILTER SCREEN
35-**8M0090809**

In-line, under cowl fuel filter

OUTBOARD MAINTENANCE

FUEL FILTER
35-**879885Q**

In-line, under cowl fuel filter.

FUEL FILTER SCREEN
35-**8M0090809**

In-line, under cowl fuel filter

WATER SEPARATING FUEL FILTER
8M0157616

NEW design to be smaller to better fit the hand, the internal holding capacity of this filter is as great as our standard filter. A new o-ring for the water sensor is included with each filter. This new filter when used with the new water-in-fuel sensor 8M0157779, meets U.S. Coast Guard and ABYC H-24 fuel-system requirements. Designed to meet 33 CFR 183.590 or ISO 10088 fire test.

FOURSTROKE OUTBOARD OIL FILTER
35-**877769Q01**

Replaceable screw-on type canister filter. Replaces the production 883701_ series oil filter.

AIR FILTER
35-**893318T02**

COMPLETE WATER PUMP
817275A09

Includes both upper and lower housings, gaskets, seals, key, Oil-carrier, retaining ring, plate, and impeller.

8M0078858

Includes water impeller, upper and lower housings, face plate, gaskets, drive key, face seal and water tube coupling.

WATER PUMP IMPELLER
47- **43026T 2**

SPARK PLUG
33-**889246Q39**

NGK, ILFR6GE, check and set gap per owner's manual or the emissions control information decal if present.

THERMOSTAT ASSEMBLY
892864T04

Includes thermostat and housing.

ALTERNATOR BELT
57-**880566Q14**

6 cylinder Verado

100 HOUR SERVICE KIT
8M0120657

Oil filter, fuel filter, oil drain seal and 2-gearcase drain seals.

300 HOUR SERVICE KIT
8M0133617

Oil filter, spin-on fuel filter, high pressure fuel filter screen, oil drain seal, 2-gearcase drain seals, 6-spark plugs, thermostat kit, water impeller kit, belt and anode kit.

300 HOUR SERVICE KIT - NO ANODES
8M0149428

This kit was designed for the heavy hour customer that does not need to replace anodes every 300 hours. Kit includes: Oil filter, fuel filter, 2-oil drain seals, spark plugs, thermostat, alternator belt, water impeller repair kit. NO ANODES INCLUDED

350-400 (6 CYL) VERADO

ANODIC PLATE
97- **76214Q 5**

Aluminum
Provides additional clearance for high rake propellers.

97- **76214A 6**

Magnesium - For freshwater use only. Do not use in saltwater applications.

ANODE
97-**8M0012083**

Helps protect your Verado from corrosion

POWER TRIM ANODE
97-**893404**

Multiple pieces may be required per engine application.

SIDE POCKET ANODE
97-**826134Q**

Aluminum
Located in side pockets on the gearhousing just above the cavitation plate.

97-**826134T 3**

Magnesium - For freshwater use only. Do not use in saltwater applications.
Located in side pockets on the gearhousing just above the cavitation plate.

FUEL FILTER
35-**879885Q**

In-line, under cowl fuel filter.

FUEL FILTER SCREEN
35-**8M0090809**

In-line, under cowl fuel filter

35-**8M0090809**

In-line, under cowl fuel filter

FUEL FILTER ELEMENT
35-**8M0122423**

Under cowl replacement cartridge where applicable.

FOURSTROKE OUTBOARD OIL FILTER
35-**877769Q01**

Replaceable screw-on type canister filter. Replaces the production 883701_ series oil filter.

AIR FILTER
35-**893318T02**

COMPLETE WATER PUMP
8M0078858

Includes water impeller, upper and lower housings, face plate, gaskets, drive key, face seal and water tube coupling.

WATER PUMP IMPELLER
47- **43026T 2**

SPARK PLUG
33-**889246Q39**

NGK, ILFR6GE, check and set gap per owner's manual or the emissions control information decal if present.

THERMOSTAT ASSEMBLY
892864T04

Includes thermostat and housing.

ALTERNATOR BELT
57-**880566Q14**

6 cylinder Verado

175-300HP V6 (3.4L) & V8 (4.6L)

ANTI VENT PLATE
97-**8M0137814**

Aluminum

POWER TRIM ANODE
97-**818298Q 1**

Aluminum
Located on the bottom of the external power trim pump assembly.

97-**893404**

Multiple pieces may be required per engine application.

97-**880653**

Aluminum, Power Trim

WATER SEPARATING FUEL FILTER - ON ENGINE
35-**8M0106635**

This filter separates water from fuel as it removes other impurities. Fuel contaminated water can result in poor engine performance, stalling and damage to the fuel system.10 Micron filtration.

WATER SEPARATING FUEL FILTER - BOAT MOUNTED
35-**8M0126144**

Removes 99% of water and other impurities from gasoline. 10 Micron filtration over 95% efficiency.

FOURSTROKE OUTBOARD OIL FILTER
35-**8M0123025**

Replaces screw-on canister filters. Requires filter wrench #889277

WATER PUMP IMPELLER
47- **43026Q02**

WATER PUMP REPAIR KIT
47-**8M0142980**

Includes: Water pump gasket, face plate, face plate gasket, key, impeller, face seal, drain plug seal, water pump gasket, o-ring, actuator seal and face seal tool.

SPARK PLUG
33-**8M0135348**

NGK non-Iridium IX - LKAR7C-9, check and set gap per owner's manual or the emissions control information decal if present.

THERMOSTAT ASSEMBLY
8M0162139

Replacement Thermostat Assembly

ALTERNATOR BELT
57-**8M0142251**

Replace every 300hrs. or every 3 years.

5.7L V10 350/400 VERADO

100 AND 300 HOUR SERVICE KIT
8M0207807

Includes oil filter, fuel filter, and 2-drain plug seals.

OIL FILTER
35-**8M0205848**

Replaces screw-on canister oil filter for 5.7L V10 350HP and 400HP Verado and 350HP SeaPro serial No. 3B266064 and above.

WATER SEPARATING FUEL FILTER
8M0157616

NEW design to be smaller to better fit the hand, the internal holding capacity of this filter is as great as our standard filter. A new o-ring for the water sensor is included with each filter. This new filter when used with the new water-in-fuel sensor 8M0157779, meets U.S. Coast Guard and ABYC H-24 fuel-system requirements. Designed to meet 33 CFR 183.590 or ISO 10088 fire test.

26-**8M0204693**

ALUMINUM ANODE KIT
97-**8M0207809**

Includes two power trim anodes and hardware.

SPARK PLUG
33-**8M0135348**

NGK non-Iridium IX - LKAR7C-9, check and set gap per owner's manual or the emissions control information decal if present.

ALTERNATOR BELT
57-**8M0178243**

Replacement alternator belt

WATER IMPELLER REPAIR KIT
47-**8M0200136**

Complete water impeller repair kit

UPPER THERMOSTAT ASSEMBLY
8M0205186

For 5.7L V10 350hp and 400hp Verado Outboards

LOWER THERMOSTAT ASSEMBLY
8M0205215

For 5.7L V10 350hp and 400hp Verado Outboards

OETIKER CLAMP
54-**8M0143696**

Qty. 2

ANTI VENT PLATE
97-**8M0137814**

Aluminum

ALUMINUM TRIM ANODE
97-**8M0204939**

For 5.7L V10 350hp and 400hp Verado Outboard

ANODE
97-**8M0012083**

Helps protect your Verado from corrosion

5" DRIVESHAFT EXTENSION KIT
8M0200168

Kit includes all necessary parts to perform the driveshaft extension

10" DRIVESHAFT EXTENSION KIT
8M0200172

Kit includes all necessary parts to perform the driveshaft extension

15" DRIVESHAFT EXTENSION KIT
8M0200174

Kit includes all necessary parts to perform the driveshaft extension

5.5" BOLT KIT (6-BOLT ONLY)
10-**8M0185652**

Qty. 6

6.5" BOLT KIT (6-BOLT ONLY)
10-**8M0185653**

Qty. 6

7.5" BOLT KIT (6-BOLT ONLY)
10-**8M0185654**

Qty. 6

8" BOLT KIT (6-BOLT ONLY)
10-**8M0185655**

Qty. 6

DOUBLE NUT KIT
8M0182202

Kit contains: 12 nuts & washers

7.6L V12 600HP VERADO & 500HP SEAPRO

FOURSTROKE OUTBOARD OIL FILTER
35-**8M0168366**

Replaceable screw-on type canister filter.

WATER SEPARATING FUEL FILTER - BOAT MOUNTED
8M0166596

Removes 99% of water and other impurities from gasoline for optimum fuel system performance. 10 Micron filtration over 90% efficiency

26-**8M0204693**

ANODE KIT - ALUMINUM
97-**8M0179981**

Aluminum anode kit - For use in saltwater and freshwater. This is a complete kit to replace all factory installed anodes found on the outboard.

EXHAUST SEAL
8M0177471

Silicone exhaust seal

O-RING
25-**8M0177478**

Replaceable O-ring.

EXHAUST MANIFOLD GASKET
27-**8M0177479**

Replaceable exhaust manifold gasket.

TRANSMISSION FILTER
35-**8M0177646**

Includes 2 NBR O-rings.50-micron stainless steel oil suction filter

OUTBOARD MAINTENANCE

SPARK PLUG
33-**8M0178257**

NGK-ILKAR7G-9. Check and set gaps per the owner's manual or the emissions control information on the cowling decal.

SPARK PLUG WIRES
84-**8M0178258**

Includes 12 spark plug wires for complete service.

ALTERNATOR BELT
57-**8M0178243**

Replacement alternator belt

WATER PUMP REPAIR KIT
46-**8M0177997**

Includes: water inlet plate, water pump impeller, stainless steel housing, transmission carrier seal (PTO), O-ring, clamp, and hardware.

THERMOSTAT ASSEMBLY
8M0177662

Includes top and bottom housing, 160 degree thermostat, 140 degree thermostat, spring, retainer, gasket, O-ring, plate, and hardware.

FUEL FILTER SCREEN
35-**8M0090809**

In-line, under cowl fuel filter

450R

Mercury Racing maintenance kits for 100hr and 300hr service intervals for 450R outboards

450R 100HR MAINTENANCE KIT
8M0172447

Contains oil and fuel filters, belt, and seals

450R 300HR MAINTENANCE KIT
8M0172448

Contains oil and fuel filters, belts, spark plugs, water pump kit, anodes, drain plug, and clamp

OUTBOARD SERVICE INTERVAL KITS

OUTBOARD SERVICE INTERVAL KITS

300 HOUR SERVICE KIT



8M0120836

Fuel filter, oil drain seal, 2 - gearcase drain seals, thermostat, thermostat gasket, spark plug, impeller kit, anode.

4/5/6 HP EFI 0R411838 and above

300 HOUR SERVICE KIT



8M0120837

Fuel filter, oil drain seal, 2 - gear case drain seals, thermostat, thermostat gasket, 2 - spark plugs, impeller kit, anode

8/9.9 HP Standard gearcase only 0R042475 and above

300 HOUR SERVICE KIT



8M0120867

Fuel filter, oil drain seal, 2- gear case drain seals, thermostat, thermostat gasket, 2 - spark plugs, impeller kit, anode

8/9.9 HP Command Thrust only 0R042475 and above

300 HOUR SERVICE KIT



8M0120838

Oil Filter, fuel filter, oil drain seal, 3- gearcase drain seals, thermostat, thermostat gasket, 2- spark plugs, impeller kit, anode

15/20 HP 0R235949 - 0R833819

100 HOUR SERVICE KIT



8M0151469

Oil filter, fuel filter, oil drain seal, 2 gearcase drain seals

15/20 EFI FourStroke S/N: 0R833820 & above

Mercury Precision Branded, Box Point of Sale Packaged.

300 HOUR SERVICE KIT



8M0151470

Oil filter, fuel filter, oil drain seal, 2 gearcase drain seals, thermostat and gasket, impeller kit, 2 spark plugs, anodes

15/20 EFI FourStrokes S/N: 0R833820 & above

300 HOUR SERVICE KIT



8M0120839

Oil filter, fuel filter, oil drain seal, 2- gearcase drain seals, thermostat, thermostat gasket, 3- spark plugs, impeller kit, anode

25/30 HP 0R106999 and above

100 HOUR SERVICE KIT



8M0090558

Oil filter, low & high pressure fuel filter, oil drain seal, 2-gearcase drain seals, thermostat and 2-thermostat gaskets

40-60 EFI 4Cyl. 4 Stroke

300 HOUR SERVICE KIT



8M0090559

Oil filter, low & high pressure fuel filter, oil drain seal, 2-gearcase drain seals, thermostat, 2-thermostat gaskets, 4-spark plugs, water impeller kit, power trim adode and lower unit anode.

40-60 EFI 4Cyl. 4 Stroke (BigFoot and CT gearcases only)

300 HOUR SERVICE KIT



8M0113483

Oil filter, low & high pressure fuel filter, oil drain seal, 2-gearcase drain seals, thermostat, 2-thermostat gaskets, 4-spark plugs, water impeller kit, power trim anode and lower unit anode.

40-60HP 4Cyl.EFI Fourstroke (standard gearcase only)

100 HOUR SERVICE KIT



8M0097856

Oil filter, fuel filter, oil drain seal and 2-gearcase drain seals

75-115HP FourStroke (1.7L) S/N:1B366823 - 2B094995

300 HOUR SERVICE KIT



8M0097857

Oil filter, fuel filters, oil drain seal, 2-gearcase drain seals, 4-spark plugs, thermostat kit, water impeller kit, belt, power trim and lower unit anode.

75-115HP FourStroke (1.7L) S/N:1B366823 - 2B094995

100 HOUR SERVICE KIT



8M0097854

Oil filter, fuel filter and gearcase drain seal

75-115HP FourStroke (2.1L) S/N:2B094996 and Up

300 HOUR SERVICE KIT



8M0097855

Oil filter, fuel filters, gearcase drain seal, 4-spark plugs, thermostat kit, water impeller kit, power trim and lower unit anode.

75-115HP FourStroke (2.1L) S/N:2B094996 and Up

100 HOUR SERVICE KIT



8M0094232

Oil filter, low & fuel filter, gearcase drain seal.

150HP EFI 4 Stroke

300 HOUR SERVICE KIT



8M0094233

Oil filter, low & high pressure fuel filter, gearcase drain seal, 4-spark plugs, thermostat kit, water impeller kit, belt, 2-lower unit anodes and power trim anode

150HP EFI 4 Stroke

300 HOUR SERVICE KIT



8M0130835

Oil filter, 2-fuel filters, oil drain seal, 2-gearcase drain seals, thermostat, spark plugs, water impeller kit, drive belt, and anode kit.

L4 Verado FourStroke

100 HOUR SERVICE KIT



8M0097858

Oil filter, fuel filter, oil drain seal and 2-gearcase drain seals

L6 Verado FourStroke (2B144122 and below)

300 HOUR SERVICE KIT



8M0097859

Oil filter, low & high pressure fuel filter, oil drain seal, 2-gearcase drain seals, 6-spark plugs, thermostat kit, water impeller kit, belt and anode kit.

L6 Verado FourStroke (2B144122 & Below)

100 HOUR SERVICE KIT



8M0120657

Oil filter, fuel filter, oil drain seal and 2-gearcase drain seals.

L6 Verado (2B144123 & above)

300 HOUR SERVICE KIT



8M0133617

Oil filter, spin-on fuel filter, high pressure fuel filter screen, oil drain seal, 2-gearcase drain seals, 6-spark plugs, thermostat kit, water impeller kit, belt and anode kit.

L6 Verado FourStroke (2B144123 and above)

100 HR SERVICE KIT



8M0149929

Oil filter, fuel filter and 2-gearcase drain seals.

Fits: 'NEW" 175-300HP V6 (3.4L) & V8 (4.6L) FourStroke outboards.

300 HOUR SERVICE KIT



8M0149930

Oil filter, fuel filter, 2-oil drain seals, spark plugs, thermostat, alternator belt, water pump repair kit and anodes.

V6 (3.4L) FourStroke outboards

OUTBOARD SERVICE INTERVAL KITS

300 HOUR SERVICE KIT



8M0149931

Oil filter, fuel filter, 2-oil drain seals, spark plugs, thermostat, alternator belt, water pump repair kit and anodes.

V8 (4.6L) CMS/ SeaPro & ProXS FourStroke outboards

300 HOUR SERVICE KIT



8M0149932

Oil filter, fuel filter, 2-oil drain seals, spark plugs, thermostat, alternator belt, water pump repair kit and anodes.

V8 (4.6L) Verado & Verado SeaPro

450R 100HR MAINTENANCE KIT



8M0172447

Contains oil and fuel filters, belt, and seals

450R Outboard

450R 300HR MAINTENANCE KIT

Image not Available.

8M0172448

Contains oil and fuel filters, belts, spark plugs, water pump kit, anodes, drain plug, and clamp

450R Outboard

200 HOUR SERVICE KIT



8M0179987

Kit includes - Oil filter, water separating fuel filter, fuel filter screen, and 2-gearcase drain seals.

Fits: 7.6L V12 600hp Verado and 500hp SeaPro FourStroke Outboards

1000 HOUR SERVICE KIT

Image not Available.

8M0179988

The kit includes - Oil filter, fuel filter, fuel filter screen, 2-gearcase drain seals, aluminum anode kit (includes all anodes and hardware), transmission filter, 12-spark plugs, spark plug wire set, alternator belt, water pump repair kit, thermostat assembly, powersteering filter, exhaust manifold gasket, and miscellaneous hardware. The kit does not include oils or lubricants.

Mercury 7.6L V12 600hp Verado and 500hp SeaPro FourStroke outboards

OUTBOARD SERVICE INTERVAL KITS - WITHOUT ANODES

300 HOUR SERVICE KIT - NO ANODES



8M0149427

This kit was designed for the heavy hour customer that does not need to replace anodes every 300 hours. Kit includes: Oil filter, fuel filter, 2-oil drain seals, spark plugs, thermostat, alternator belt, water impeller repair kit. NO ANODES INCLUDED

L6 Verado FourStroke (2B144122 and below)

300 HOUR SERVICE KIT - NO ANODES



8M0149428

This kit was designed for the heavy hour customer that does not need to replace anodes every 300 hours. Kit includes: Oil filter, fuel filter, 2-oil drain seals, spark plugs, thermostat, alternator belt, water impeller repair kit. NO ANODES INCLUDED

L6 Verado (2B144123 & above)

300 HOUR SERVICE KIT - NO ANODES



8M0163132

This kit was designed for the heavy hour customer that does not need to replace anodes every 300 hours. Kit includes: Oil filter, fuel filters, drain seals, spark plugs, thermostat, alternator belt, water impeller repair kits. NO ANODES INCLUDED

150HP EFI 4 Stoke

MERCRUISER MAINTENANCE

3.0L TKS

CAP AND ROTOR KIT
811635K 2

SPARK PLUG
33-**816336Q**
NGK, BPR6EFS

CARBURETOR FUEL FILTER
35- **53336Q**

CARBURETOR REPAIR KIT
3302-**804844002**

FUEL PUMP FILTER
35-**8M0046751**

THERMOSTAT KIT
807252T 5
160 degree

V-BELT
57-**862054Q**
39-1/2 in. (1003 mm) length
57- **65607Q**
37 in. (940 mm) length

OIL FILTER
35-**866340K01**

3.0L MPI

CAP AND ROTOR KIT
811635K 2

SPARK PLUG
33-**816336Q**
NGK, BPR6EFS

FUEL FILTER
35-**866594K01**
10 micron

THERMOSTAT KIT
807252T 5
160 degree

V-BELT
57-**862054Q**
39-1/2 in. (1003 mm) length
57- **65607Q**
37 in. (940 mm) length

OIL FILTER
35-**866340K01**

4.3L TKS ALPHA

CAP AND ROTOR KIT
815407T 5

SPARK PLUG
33-**862029**
AC, MR43LTS

CARBURETOR FUEL FILTER
35- **53336Q**

CARBURETOR REPAIR KIT
3302-**804844002**

WATER SEPARATING FUEL FILTER
35-**802893T**
25 micron

PCV VALVE
8M0065285

THERMOSTAT KIT
807252T 5
160 degree

THERMOSTAT
864493
170 degree, FWC

SERPENTINE BELT
57-**865615Q04**
1941 mm length
57-**865615Q09**
1780 mm length
57-**865615Q03**
2704 mm length

OIL FILTER
35-**883702K**
w/o remote oil
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47-**8M0104229**

4.3L TKS BRAVO

CAP AND ROTOR KIT
815407T 5

SPARK PLUG
33-**862029**
AC, MR43LTS

CARBURETOR FUEL FILTER
35- **53336Q**

CARBURETOR REPAIR KIT
3302-**804844002**

WATER SEPARATING FUEL FILTER
35-**802893T**
25 micron

PCV VALVE
8M0065285

THERMOSTAT KIT
807252T 5
160 degree

THERMOSTAT
864493
170 degree, FWC

SERPENTINE BELT
57-**865615Q03**
2704 mm length
57-**865615Q08**
2535 mm length

OIL FILTER
35-**883702K**
w/o remote oil
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47-**8M0104229**

4.3L MPI ALPHA

CAP AND ROTOR KIT
898253T28

SPARK PLUG
33-**8M0204739**
NGK, ITR4A15 (Iridium)

WATER SEPARATING FUEL FILTER
35-**802893T**
25 micron

PCV VALVE
8M0065285

THERMOSTAT KIT
807252T 5
160 degree

THERMOSTAT
864493
170 degree, FWC

SERPENTINE BELT
57-**865615Q04**
1941 mm length
57-**865615Q09**
1780 mm length
57-**865615Q03**
2704 mm length

OIL FILTER
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47-**8M0104229**

4.3L MPI BRAVO

CAP AND ROTOR KIT
898253T28

SPARK PLUG
33-**8M0204739**
NGK, ITR4A15 (Iridium)

WATER SEPARATING FUEL FILTER
35-**802893T**
25 micron

PCV VALVE
8M0065285

THERMOSTAT KIT
807252T 5
160 degree

THERMOSTAT
864493
170 degree, FWC

SERPENTINE BELT
57-**865615Q03**
2704 mm length
57-**865615Q08**
2535 mm length

OIL FILTER
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47-**8M0104229**

4.5L MPI ALPHA

SPARK PLUG
33-**8M0095454**
NGK, BPR5EFS-13

FUEL FILTER ELEMENT
35-**8M0122423**
Under cowl replacement cartridge where applicable.

PCV VALVE
21-**8M2017060**

THERMOSTAT
8M0089715
140 degree
864493
170 degree, FWC

SERPENTINE BELT
57-**8M0087881**
1409 mm Length
57-**8M0088876**
1687 mm length

OIL FILTER
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47-**8M0104229**

4.5L MPI BRAVO

SPARK PLUG
33-**8M0095454**
NGK, BPR5EFS-13

FUEL FILTER ELEMENT
35-**8M0122423**
Under cowl replacement cartridge where applicable.

PCV VALVE
21-**8M2017060**

THERMOSTAT
8M0089715
140 degree
864493
170 degree, FWC

SERPENTINE BELT
57-**8M0097728**
1713 mm length
57-**8M0088876**
1687 mm length

OIL FILTER
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47-**8M0104229**

5.0L/5.7L TKS ALPHA

CAP AND ROTOR KIT
805759T 3

SPARK PLUG
33-**816336Q**
NGK, BPR6EFS

CARBURETOR FUEL FILTER
35- **53336Q**

CARBURETOR REPAIR KIT
3302-**804844002**

WATER SEPARATING FUEL FILTER
35-**802893T**
25 micron

PCV VALVE
21-**8M2017060**

THERMOSTAT KIT
807252T 5
160 degree

SERPENTINE BELT
57-**865615Q04**
1941 mm length
57-**865615Q09**
1780 mm length

OIL FILTER
35-**866340K01**

5.0L/5.7L TKS BRAVO

CAP AND ROTOR KIT
805759T 3

SPARK PLUG
33-**816336Q**
NGK, BPR6EFS

CARBURETOR FUEL FILTER
35- **53336Q**

CARBURETOR REPAIR KIT
3302-**804844002**

WATER SEPARATING FUEL FILTER
35-**802893T**
25 micron

PCV VALVE
21-**8M2017060**

THERMOSTAT KIT
807252T 5
160 degree

SERPENTINE BELT
57-**865615Q03**
2704 mm length
57-**865615Q08**
2535 mm length

OIL FILTER
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47- **59362T 6**

5.0L/5.7L MPI ALPHA

CAP AND ROTOR KIT
8M0061335

SPARK PLUG
33-**8M0204739**
NGK, ITR4A15 (Iridium)

WATER SEPARATING FUEL FILTER
35-**802893T**
25 micron

PCV VALVE
21-**8M2017060**

THERMOSTAT KIT
807252T 5
160 degree

SERPENTINE BELT
57-**865615Q04**
1941 mm length
57-**865615Q09**
1780 mm length
57-**865615Q08**
2535 mm length

OIL FILTER
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47-**8M0104229**

5.0L/5.7L MPI BRAVO

CAP AND ROTOR KIT
8M0061335

SPARK PLUG
33-**8M0204739**
NGK, ITR4A15 (Iridium)

WATER SEPARATING FUEL FILTER
35-**8M0093688**
Replacement filter

PCV VALVE
21-**8M2017060**

THERMOSTAT KIT
807252T 5
160 degree

THERMOSTAT
864493
170 degree, FWC

SERPENTINE BELT
57-**865615Q03**
2704 mm length
57-**865615Q06**
2667 mm length
57-**865615Q08**
2535 mm length

OIL FILTER
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47-**8M0104229**

5.7L TKS MIE & TOWSPORTS

CAP AND ROTOR KIT
805759T 3

SPARK PLUG
33-**816336Q**
NGK, BPR6EFS

CARBURETOR FUEL FILTER
35- **53336Q**

CARBURETOR REPAIR KIT
3302-**804844002**

WATER SEPARATING FUEL FILTER
35-**802893T**
25 micron

PCV VALVE
21-**8M2017060**

THERMOSTAT KIT
807252T 5
160 degree

SERPENTINE BELT
57-**865615Q05**
2233 mm length

OIL FILTER
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47- **59362T 6**

5.7L MPI TOWSPORTS

CAP AND ROTOR KIT
8M0061335

SPARK PLUG
33-**8M0204739**
NGK, ITR4A15 (Iridium)

WATER SEPARATING FUEL FILTER
35-**802893T**
25 micron

PCV VALVE
21-**8M2017060**

THERMOSTAT KIT
807252T 5
160 degree

SERPENTINE BELT
57-**865615Q05**
2233 mm length

OIL FILTER
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47-**8M0104229**

5.7 & 6.2 MPI MIE

CAP AND ROTOR KIT
8M0061335

SPARK PLUG
33-**8M0204739**
NGK, ITR4A15 (Iridium)

WATER SEPARATING FUEL FILTER
35-**8M0093688**
Replacement filter

PCV VALVE
21-**8M2017060**

THERMOSTAT KIT
807252T 5
160 degree

THERMOSTAT
864493
170 degree, FWC

SERPENTINE BELT
57-**865615Q05**
2233 mm length
57-**865615Q10**
2195 mm length

OIL FILTER
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47-**8M0104229**

6.2L MPI BRAVO

CAP AND ROTOR KIT
8M0061335

SPARK PLUG
33-**8M0204739**
NGK, ITR4A15 (Iridium)

WATER SEPARATING FUEL FILTER
35-**8M0093688**
Replacement filter

PCV VALVE
21-**8M2017060**

THERMOSTAT KIT
807252T 5
160 degree

THERMOSTAT
864493
170 degree, FWC

SERPENTINE BELT
57-**865615Q03**
2704 mm length
57-**865615Q06**
2667 mm length
57-**865615Q08**
2535 mm length

OIL FILTER
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47-**8M0104229**

6.2L MPI BRAVO (MERCURY)

SPARK PLUG
33-**8M0095454**
NGK, BPR5EFS-13

FUEL FILTER ELEMENT
35-**8M0122423**
Under cowl replacement cartridge where applicable.

PCV VALVE
21-**8M2017060**

THERMOSTAT
8M0089715
140 degree
864493
170 degree, FWC

SERPENTINE BELT
57-**8M0097728**
1713 mm length
57-**8M0088876**
1687 mm length

OIL FILTER
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47-**8M0104229**

8.1L MCM & MIE

SPARK PLUG
33-**8M0129146**
AC, 41-983 (Platinum)

WATER SEPARATING FUEL FILTER
35-**8M0093688**
Replacement filter

THERMOSTAT
8M0076464
160 Degree

SERPENTINE BELT
57-**865635Q01**
2519 mm length

57-**865635Q02**
2111 mm length

OIL FILTER
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47-**8M0104229**

8.2L MCM & MIE

SPARK PLUG
33-**8M0114747**
NGK, BPR6ES

WATER SEPARATING FUEL FILTER
35-**8M0093688**
Replacement filter

PCV VALVE
8M0099429

THERMOSTAT
8M0045990
170 degree

SERPENTINE BELT
57-**8M0045227**
3157 mm

57-**8M0045986**
2287 mm

OIL FILTER
35-**866340K01**

SEA WATER PUMP IMPELLER KIT
47-**8M0104229**

ALPHA STERNDRIVE

WATER IMPELLER REPAIR KIT
47-**8M0100527**

SEAL KIT
26- **88397A 1**
Driveshaft Hsg

26-**816575A 4**
Gear Housing

ANODE KIT
97-**888756K01**
Aluminum anodes - For use in saltwater or freshwater.

97-**888755K01**
Magnesium anodes - For freshwater use only. Do not use in saltwater applications.

DRIVE INSTALLATION KIT
27- **94996T 2**

SHIFT CABLE BELLOWS
74639A 2
Includes clamps

U-JOINT BELLOWS
816431A 1

EXHAUST BELLOWS - BELL HOUSING
8M0124227

SHIFT CABLE KIT
8M0176525

BRAVO STERNDRIVE

SEAL KIT
26- **16709A 2**
Driveshaft Hsg

26- **76868A04**
Gearcase

ANODE KIT
97-**888758K01**
Aluminum anodes - For use in saltwater or freshwater.

97-**888761K01**
Aluminum anodes - For use in saltwater or freshwater

97-**888761K02**
Aluminum anodes - For use in saltwater or freshwater.

DRIVE INSTALLATION KIT
16755T 1

SHIFT CABLE BELLOWS
74639A 2
Includes clamps

U-JOINT BELLOWS
8M0062406

EXHAUST BELLOWS - BELL HOUSING
8M0124227

SHIFT CABLE KIT
8M0176522

MERCURY DIESEL MAINTENANCE

QSD 2.0 DIESEL

AIR FILTER
35-**8M0047848**
Design II
35-**879172143**
Design I

WATER SEPARATING FUEL FILTER
35-**879172104**

THERMOSTAT
879150054

SERPENTINE BELT
57-**879172120**
Replacement belt

ENGINE ANODE ASSEMBLY
97-**8M0151541**
M18 x 1.5 Plug w/ thread-in anode (20mm length x 15mm O.D.)

OIL FILTER ELEMENT
35-**895207**
3.25 in. (83 mm) diameter
35-**879312041**
2.625 in. (67 mm) diameter

SEAWATER PUMP IMPELLER KIT
47-**896332063**
Jabsco
47-**879312025**
Sherwood

QSD 2.8 DIESEL

AIR FILTER
35-**855514002**

WATER SEPARATING FUEL FILTER
35-**879172104**

THERMOSTAT
8M0093561

SERPENTINE BELT
57-**879194425**
Replacement Belt

ENGINE ANODE ASSEMBLY
97-**8M0151541**
M18 x 1.5 Plug w/ thread-in anode (20mm length x 15mm O.D.)

OIL FILTER ELEMENT
35-**895207**
3.25 in. (83 mm) diameter

SEAWATER PUMP IMPELLER KIT
47-**896332063**
Jabsco
47-**879312025**
Sherwood

QSD 4.2 DIESEL

AIR FILTER
35-**898272048**
Foam

WATER SEPARATING FUEL FILTER
35-**879172104**

THERMOSTAT
879150054

SERPENTINE BELT
57-**898101579**
Replacement Belt

ENGINE ANODE ASSEMBLY
97-**8M0151541**
M18 x 1.5 Plug w/ thread-in anode (20mm length x 15mm O.D.)

SEAWATER IMPELLER KIT
47-**879194186**
Jabsco

SEAWATER PUMP IMPELLER KIT
8M0056956
Sherwood

3.0L V6 TDI DIESEL (TIER 3)

AIR FILTER
35-**8M6002131**

WATER SEPARATING FUEL FILTER
35-**8M0067337**
Replacement element

FUEL FILTER
35-**8M0067597**
Element, Square

THERMOSTAT
8M0093480

SERPENTINE BELT
57-**8M0093495**
Alternator & Power steering

ANODE KIT
8M6002274
Block

OIL FILTER
35-**8M0066483**
Element

SEAWATER PUMP IMPELLER KIT
47-**816814T**

3.0L V6 VM DIESEL

AIR FILTER
35-**8M6004711**

WATER SEPARATING FUEL FILTER
35-**8M0135210**
Replacement element

THERMOSTAT
896309

SERPENTINE BELT
57-**8M0129918**
Alternator, Seawater pump & Power steering - MCM
57-**8M0148883**
Alternator & Seawater pump - MIE

ENGINE ANODE ASSEMBLY
97-**8M0151541**
M18 x 1.5 Plug w/ thread-in anode (20mm length x 15mm O.D.)

OIL FILTER
35-**8M0183282**
Element

SEAWATER PUMP IMPELLER KIT
8M0056956
Sherwood

4.2L V8 TDI DIESEL (TIER 3)

AIR FILTER
35-8M6002552

WATER SEPARATING FUEL FILTER
35-8M6002390

THERMOSTAT
8M0086400

SERPENTINE BELT
57-8M0093513
Alternator

ANODE KIT
8M6002274
Block

OIL FILTER
35-8M0066483
Element

SEAWATER PUMP IMPELLER KIT
47-816814T

6.7L (135/150 NA) DIESEL

AIR FILTER
35-8M0106323
Replacement cartridge

WATER SEPARATING FUEL FILTER
35-8M0105781
Replacement element

FUEL FILTER
35-8M0106015
Replacement cartridge

THERMOSTAT
8M0106193

SERPENTINE BELT
57-8M0153039
Alternator

V-BELT
57-8M0110926
Power Steering

ANODE
97-8M0112332

OIL FILTER
35-8M0106058
Replacement cartridge

SEAWATER PUMP IMPELLER
8M0106368

6.7L (220 TC) DIESEL

AIR FILTER
35-8M0106324
Replacement cartridge

WATER SEPARATING FUEL FILTER
35-8M0145281
Replacement Element

FUEL FILTER
35-8M0106015
Replacement cartridge

THERMOSTAT
8M0106193

SERPENTINE BELT
57-8M0153039
Alternator

V-BELT
57-8M0110926
Power Steering

ANODE
97-8M0112332

OIL FILTER
35-8M0106058
Replacement cartridge

SEAWATER PUMP IMPELLER KIT
47-816814T

6.7L (180/230/260/280 TCA) DIESEL

AIR FILTER
35-8M0106324
Replacement cartridge

WATER SEPARATING FUEL FILTER
35-8M0105781
Replacement element

FUEL FILTER
35-8M0106015
Replacement cartridge

THERMOSTAT
8M0106193

SERPENTINE BELT
57-8M0153039
Alternator

V-BELT
57-8M0110926
Power Steering

ANODE
97-8M0112332

OIL FILTER
35-8M0106058
Replacement cartridge

SEAWATER PUMP IMPELLER KIT
47-816814T

6.7L (480/500/550 TCA) DIESEL

AIR FILTER
8M0138979

WATER SEPARATING FUEL FILTER
35-8M0140873
Replacement element

FUEL FILTER
35-8M0131726
Replacement cartridge

THERMOSTAT
8M0131497

SERPENTINE BELT
57-8M0153039
Alternator

ANODE
97-8M0112332

OIL FILTER

35-**8M0131725**

Replacement cartridge

SEAWATER PUMP IMPELLER KIT

47-**8M0151113**

MERCRUISER SERVICE INTERVAL KITS

MERCRUISER ENGINE MAINTENANCE KITS

100 HOUR SERVICE KIT



8M0147048

Contains Oil filter, fuel filters, gearcase drain seals.

For 2.5L & 3.0L Carb engines (1987 and newer)

300 HOUR SERVICE KIT



8M0147061

Contains Oil filter, fuel filters, gearcase drain seals, spark plugs, thermostat & gasket & V-Belts

For 3.0L Carb engines with std cooling (2000 & newer)

100 HOUR SERVICE KIT



8M0147049

Contains Oil filter, fuel filter, gearcase drain seals.

For 3.0L MPI engines (2008 and newer)

300 HOUR SERVICE KIT



8M0147062

Contains Oil filter, fuel filter, gearcase drain seals, spark plugs, thermostat & gasket, IAC filter & V-Belts

For 3.0L MPI engines with std cooling (2008 & newer)

100 HOUR SERVICE KIT



8M0147050

Contains Oil filter, fuel filter, gearcase drain seals.

For 4.3L Carb engines w/o remote oil (1993 and newer)

300 HOUR SERVICE KIT



8M0147063

Contains Oil filter, fuel filter, gearcase drain seals, spark plugs, thermostat & gasket & serpentine belt

For 4.3L carb Alpha engines with std cooling and w/o remote oil (1996 & newer)

100 HOUR SERVICE KIT



8M0147051

Contains Oil filter, fuel filter, gearcase drain seals.

For all GM V6 & V8 engines with spin on fuel filter, except V6 w/o remote oil (1977 and newer)

300 HOUR SERVICE KIT



8M0147064

Contains Oil filter, fuel filter, gearcase drain seals, spark plugs, thermostat & gasket, IAC filter & serpentine belt

For 4.3L MPI Alpha engines with std cooling (2002 & newer)

300 HOUR SERVICE KIT



8M0147065

Contains Oil filter, fuel filter, gearcase drain seals, spark plugs, thermostat & gasket, IAC filter, serpentine belt & seawater pump impeller kit

For 4.3L MPI Bravo engines with std cooling (2002 & newer)

300 HOUR SERVICE KIT



8M0147068

Contains Oil filter, fuel filter, gearcase drain seals, spark plugs, thermostat & gasket & serpentine belt

For 5.0L & 5.7L MPI Alpha engines with std cooling (2002 & newer)

100 HOUR SERVICE KIT



8M0147052

Contains Oil filter, fuel filter, gearcase drain seals.

For 4.5L & 6.2L (Mercury) engines (2014 and newer)

100 HOUR SERVICE KIT



8M0147053

Contains Oil filter, fuel filter, gearcase drain seals.

For all GM V8 MPI engines w/Gen III cool fuel (2002 and newer)

300 HOUR SERVICE KIT



8M0147066

Contains Oil filter, fuel filter, gearcase drain seals, spark plugs, thermostat & gasket, PCV valve & serpentine belt

For 4.5L MPI Alpha engines with std cooling (2014 & newer)

300 HOUR SERVICE KIT



8M0147069

Contains Oil filter, fuel filter, gearcase drain seals, spark plugs, thermostat & gasket, serpentine belt & seawater pump impeller kit

For 5.0L, 5.7L & 6.2L (GM) MPI Bravo engines with std cooling (2002 & newer)

300 HOUR SERVICE KIT



8M0147067

Contains Oil filter, fuel filter, gearcase drain seals, spark plugs, thermostat & gasket, PCV valve, serpentine belt & seawater pump impeller kit

For 4.5L MPI Bravo engines with std cooling (2014 & newer)

300 HOUR SERVICE KIT



8M0147070

Contains Oil filter, fuel filter, gearcase drain seals, spark plugs, thermostat & gasket, PCV valve, serpentine belt & seawater pump impeller kit

For 6.2L (Mercury) MPI Bravo engines with std cooling (2015 & newer)

MERCRUISER SERVICE INTERVAL KITS

300 HOUR SERVICE KIT



8M0147071

Contains Oil filter, fuel filter, gearcase drain seals, spark plugs, thermostat & seal, PCV valve, serpentine belt & seawater pump impeller kit

For 8.2L MPI Bravo engines (2010 & newer)

MERCRUISER STERNDRIVE MAINTENANCE KITS

100 HOUR SERVICE KIT



8M0147054

Contains Drive Install Gasket Kit, Aluminum Anode Kit & Gearcase Drains seals

For Alpha One drives (1984-1990)

300 HOUR SERVICE KIT



8M0147072

Contains drive install gasket kit, aluminum anode kit, gearcase drains seals, transom repair kit, shift cable kit water pump impeller kit, fill & drain screws

For Alpha One drives (1984-1990)

100 HOUR SERVICE KIT



8M0147055

Contains drive install gasket kit, aluminum anode kit & gearcase drains seals

For Alpha One Gen II drives (1991 and newer)

300 HOUR SERVICE KIT



8M0147073

Contains drive install gasket kit, aluminum anode kit, gearcase drains seals, transom repair kit, shift cable kit, water pump impeller kit, fill & drain screws

For Alpha One Gen II drives (1991 and newer)

100 HOUR SERVICE KIT



8M0147056

Contains drive install o-ring kit, aluminum anode kit & gearcase drains seals

For Bravo One drives (1988 and newer)

300 HOUR SERVICE KIT



8M0147074

Contains drive install gasket kit, aluminum anode kit, gearcase drains seals, transom repair kit, shift cable kit, fill & drain screws

For 1988-2016 Bravo One drives (s/n 2A514802 & below)

300 HOUR SERVICE KIT

Image not Available.

8M0215915

Contains drive install gasket kit, aluminum anode kit, gearcase drains seals, transom repair kit, shift cable kit, fill & drain screws

For 2017 and newer Bravo One drives (s/n 2A514803 & up)

100 HOUR SERVICE KIT



8M0147057

Contains drive install o-ring kit, aluminum anode kit & gearcase drains seals

For Bravo Two drives (1988 and newer) & Bravo Three drives (1995-2002)

300 HOUR SERVICE KIT



8M0147075

Contains drive install gasket kit, aluminum anode kit, gearcase drains seals, transom repair kit, shift cable kit, fill & drain screws

For Bravo Two drives (1988 - 2016) (s/n 2A514802 and below) & Bravo Three drives (1995-2002) (s/n 0F345868 - 0M179451)

300 HOUR SERVICE KIT

Image not Available.

8M0215916

Contains drive install gasket kit, aluminum anode kit, gearcase drains seals, transom repair kit, shift cable kit, fill & drain screws

For 2017 and newer Bravo Two drives (s/n 2A514803 and up)

100 HOUR SERVICE KIT



8M0147058

Contains drive install o-ring kit, aluminum anode kit & gearcase drains seals

For Bravo Three drives (2003 and newer)

300 HOUR SERVICE KIT



8M0147076

Contains drive install gasket kit, aluminum anode kit, gearcase drains seals, transom repair kit, shift cable kit, fill & drain screws

For 2003-2016 Bravo Three (s/n 0M179452 - 2A514802)

300 HOUR SERVICE KIT

Image not Available.

8M0215917

Contains drive install gasket kit, aluminum anode kit, gearcase drains seals, transom repair kit, shift cable kit, fill & drain screws

For 2017 and newer Bravo Three (s/n 2A514803 & up)

Notes:

TABLE OF CONTENTS

Mercury 2-Stroke Oil 259

2-Stroke Multi-Fuel Outboards 260
DIRECT INJECTION (DI) ENGINE OIL 260
Performance Blend for 2-Cycle Race Outboards 260
PREMIUM PLUS TCW3 259
PREMIUM TCW3 OIL 259

Mercury 4-Stroke Marine Engine Oil and Oil Filters 261

Application and SKU Chart 263
FCW® 10W30 FULL SYNTHETIC MARINE OIL 264
FCW® 10W30 MARINE OIL 263
FCW® 10W30 SYNTHETIC BLEND MARINE OIL 263
FCW® 25W40 MINERAL MARINE OIL 264
FCW® 25W40 SYNTHETIC BLEND MARINE OIL 264
MerCruiser Oil Filters - Gasoline 265
Mercury 4-Stroke Oils 261
Mercury High Performance 4-Stroke Oil 265

Mercury Diesel Sterndrive/Inboard Oil . . 266

SAE 15W40 266

Mercury Corrosion Protection 267

Mercury Engine Coolant 268

Mercury Gearcase Lubricants 269

HIGH PERFORMANCE GEAR LUBE - SAE 90 269
Mercury Extreme Performance Gear Lube . . 270
PREMIUM GEAR LUBE - SAE 80W90 269

Mercury Greases 271

Marine Grease 271
Multi-purpose Grease 271

Mercury Paints and Finish 272

Mercury Colors 272
Propeller Paint 272
Surface Prep and Finish 272

Mercury Steering Fluid 273

Quicksilver 2-Stroke Oil 274

Application and SKU Chart 274
Direct Injection (DI) Engine Oil 275
Performance Blend for 2-Cycle Race Outboards 276
Premium Plus TCW3 275
Premium TCW3 Oil 274
Quicksilver Premium Ultra 277

Quicksilver 4-Stroke Marine Engine Oil and Oil Filters 278

Application and SKU Chart 280
FCW® 10W30 Full Synthetic Marine Oil . . . 282
FCW® 10W30 Mineral Marine Oil 281
FCW® 10W30 Synthetic Blend Marine Oil . . 281
FCW® 10W40 Marine Oil 282
FCW® 25W40 Mineral Marine Oil 283
FCW® 25W40 Synthetic Blend Marine Oil . . 283
FCW® 25W50 Synthetic Blend Marine Oil . . 284
FCW® 5W30 Marine Oil 280
MerCruiser Oil Filters - Gasoline 290
Oil Capacity Chart - 4-Stroke Outboards . . 285
Oil Capacity Chart - Gasoline Sterndrive/ Inboard Engines 287
Oil Capacity Chart - Hi-Perf Gasoline Engine 289
Quicksilver/Mercury 4-Stroke Outboard Oil Filters 286
Quicksilver 4-Stroke Oils 278

Quicksilver Diesel Sterndrive/Inboard Oil 292

Oil Capacity Chart - Diesel Engine 293
Oil Filters for MerCruiser Diesel Engines . . . 293

SAE 15W40 292
SAE 5W30 292
SKU Chart 292

Quicksilver Powersports Lubricants . . . 295

Personal Watercraft (PWC) 295

Quicksilver Corrosion Protection 296

Quicksilver Engine Coolant and Water System Antifreeze 297

Quicksilver Fuel System Care and Maintenance 298

Engine and Fuel System Cleaner 298
Fuel Stabilizer 298
Fuel Treatment 298

Quicksilver Gearcase Lubricant 300

High Performance Gear Lube Capacity Chart 302
High Performance Gear Lube - SAE 90 301
Premium Gear Lube Capacity Chart 301
Premium Gear Lube - SAE 80W90 300
SKU Chart 300

Quicksilver Gearcase Lubricant Accessories 304

Quicksilver Greases 305

Engine Assembly Grease 306
Grease Application Charts 306
Marine Grease 305
Multi-Purpose Grease 306

Quicksilver Paints and Finish 308

Force Colors 308
Mariner Colors 308
Propeller Paint 308
Surface Preparation and Finish 308

Quicksilver Steering Fluid 310

Quicksilver Transmission Fluid 311

Shop Products for Engine Assembly and Maintenance 312

Adhesives and Sealants 312
Specialty 312

Shop Tools and Accessories 313

Barrel Pump 313
Crankcase Oil Pump and Adapter 313
Grease Guns 314
Oil Filter Wrenches 314

MERCURY 2-STROKE OIL

Mercury 2-Stroke Oil SKU Chart

Item Number	Qty per Case	Container Size	Pallet Qty	Btl Length (in)	Btl Depth (in)	Btl Height (in)	Btl Weight (lb)	Case Length (in)	Case Width (in)	Case Height (in)	Case Weight (lb)	Pallet Weight (lb)
PREMIUM TCW-3® FOR 2-CYCLE OUTBOARDS (EXCEPT OPTIMAX & DFI)												
92-8M0207813	6	LITER	468	4.2	2.375	9.25	2.083	8.9	7.7	10.1	12.5	1040
92-8M0207814	3	4 LITER	180	7.5	5.1	11.8	8.167	15.875	8	12.875	24.5	1520
PREMIUM PLUS TCW-3® FOR 2-CYCLE OUTBOARDS												
92-8M0206940	6	LITER	468	4.2	2.375	9.25	2.083	8.9	7.7	10.1	12.5	1040
92-8M0206948	3	4 LITER	180	7.5	5.1	11.8	8.167	15.875	8	12.875	24.5	1520
DIRECT INJECTED (DI) OUTBOARDS												
92-8M0207037	3	4 LITER	180	7.5	5.1	11.8	8.167	15.875	8	12.875	24.5	1520

PREMIUM TCW3 OIL

Mercury's exclusive formulation provides superior protection to help extend the life of small horsepower, outboard engines. Continued use of Mercury® Premium 2-Cycle oil also helps:
• Prevent corrosion of internal components
• Maintain peak engine performance and reliability

This all weather formula provides protection in temperatures down to -13° F (-25° C).

Recommended for use in pre-mix applications for low-horsepower, carbureted engines such as, outboards, personal watercraft, snowmobiles, motorcycles and chainsaws

Meets all outboard and personal watercraft manufacturers' warranty requirements and recommendations for use of a TCW3® oil

PREMIUM TCW3 OIL



92-**8M0207813**

This all weather formula provides protection in temperatures down to -13° F (-25° C).

Availability: Q4 2023

1 L plastic bottle

PREMIUM TCW3 OIL



92-**8M0207814**

Availability: Q4 2023

4 L plastic bottle

PREMIUM PLUS TCW3

Mercury's exclusive formulation offers extreme protection for mid- to high-horsepower outboard engines. Continued use of this oil will:
• Provide outstanding wear and corrosion protection which help extend engine life
• Minimize performance-robbing carbon deposits
• Maintain peak engine performance and reliability

Recommended for use in oil-injected, carbureted or electronic fuel injected (EFI) mid- to high-horsepower engines such as Mercury®, Mariner® and Force® outboards and Mercury Sport Jet® engines

Meets or exceeds all outboard and personal watercraft manufacturers' warranty requirements and recommendations for use of a TC-W3® oil

PREMIUM PLUS TCW3 OIL



92-**8M0206940**

Extreme protection. Exceptional marine fomulation for high horsepower and heavy-duty applicatons.

Availability: Q4 2023

1 L plastic bottle

PREMIUM PLUS TCW3 OIL



92-**8M0206948**

Availability: Q4 2023

4 L plastic bottle

DIRECT INJECTION (DI) ENGINE OIL

Mercury's exclusive formulation offers the maximum protection for DI (direct injection) outboard engines. Continued use of this oil will:
• Provide outstanding wear and corrosion protection which help extend engine life
• Minimize performance-robbing carbon deposits
• Maintain peak engine performance and reliability
• Reduce smoke

Recommended for use in direct injection two-cycle engines such as Mercury OptiMax®

Exceeds all outboard manufacturers' warranty requirements and recommendations for use in direct injection applications

DIRECT INJECTION ENGINE OIL



92-**8M0207037**
Availability: Q4 2023
4 L plastic bottle

2-STROKE MULTI-FUEL OUTBOARDS

Specialty oil for multi-fuel engines such as JP OptiMax

JP OPTIMAX OIL



92-**8M0133953**
JP OptiMax Multi-Fuel
9.46 L (2.5 gallons) bottle

PERFORMANCE BLEND FOR 2-CYCLE RACE OUTBOARDS

Specifically formulated for hi-performance and racing engines. Gives added protection at high operating temperatures which occur when engines are run at high rpm's for extended periods of time.

HIGH PERFORMANCE TWO-STROKE OIL



92-**8M0133993**
3.78 liters (1 US Gal) bottle

MERCURY 4-STROKE MARINE ENGINE OIL AND OIL FILTERS

MERCURY 4-STROKE OILS

MERCURY GO BOLDLY.®



FourStroke

Marine Engine Oil

Mercury Marine's FC-W 10W30, 25W40 and 25W50 Mineral and Synthetic Oil outperforms automotive oils in marine applications due to its specialized additive packages designed for marine engines.

- Industry leading wear, shear, and corrosion protection.
- Ultimate wear protection keeps cams and other engine parts looking and operating as new for longer.
- Auto oils break down quickly due to heavier loads and higher engine speeds compared to marine engines.
- Additional shear protection for ultimate high temperature / maximum output performance and protection.
- New advanced corrosion inhibitors outperform competition and FC-W standards.
- Protects in harsh marine environments, as well as during intermittent use and off-season storage.
- Specifically designed for marine engines. Should not be used in automotive applications.

The recommended brand by Mercury engineers.
Available only through Mercury dealers.

NMMA FC-W CATALYST COMPATIBLE



33% greater camshaft wear protection compared to other marine oils!*

*Based on - ASTM D-6891 Test Sequence IV A cam wear limits

Learn more at MercuryMarine.com

©2023 MERCURY MARINE. All rights reserved. Reproduction in whole or in part without permission is prohibited.

Flagship protection for all fourstroke marine engines

All New FourStroke Oil Technology

Brand new FourStroke oil formulations provide the best protection and performance.

3 things to know:

FOR USE IN ALL FOURSTROKE MARINE ENGINES

New formula FourStroke oils for use in all brands of FourStroke outboard, sterndrive and inboard engines and exceeds all marine industry FourStroke oil requirements including FC-W® and FC-W® Catalyst Compatible.

FLAGSHIP ENGINE AND CORROSION PROTECTION

- Industry leading strength and viscosity retention
- Ultimate corrosion and wear protection

THE MOST RECOMMENDED MARINE OIL

Over 5 years of engineering and development by the largest marine engine manufacturer in the world.

	Low HP 2.5 HP to 9.9 HP	Low HP 15 HP to 60 HP	Mid HP 80 HP to 115 HP (1.7L)	Mid HP 80 HP to 115 HP (2.1L)	150 HP	V6/V8 175 HP to 300 HP	L6 200 HP to 400 HP	V10 350 HP to 400 HP	V12 600 HP	Part Number
FourStroke Outboards										
10W30 Mineral	Good*	Good*	Good*	Good	Good	Good	N/A	N/A	Good	1L: **8M0206950** 4L: **8M0206952** 60L: **8M0165791** 208L: **8M0086222**
10W30 Synthetic Blend	Better*	Better*	Better*	Better	Better	Better	N/A	N/A	Better	1L: **8M0206995** 4L: **8M0206996** 208L: **8M0152565**
10W30 Full Synthetic	BEST*	BEST*	BEST*	BEST	BEST	BEST	N/A	N/A	BEST	1L: **8M0206997** 4L: **8M0206998** 208L: **8M0180938**
25W40 Mineral	Optional *(when operating temperatures are only above 4,5 °C)*			Good	Good	N/A	Good	Good	N/A	1L: **8M0206953** 4L: **8M0206954** 60L: **8M0121914** 208L: **8M0086225**
25W40 Synthetic Blend	Optional *(when operating temperatures are only above 4,5 °C)*			Good	Good	N/A	Better	BEST	N/A	1L: **8M0206955** 4L: **8M0206956** 60L: **8M0165792** 208L: **8M0086228**
25W50 Synthetic Blend	N/A	N/A	N/A	N/A	N/A	N/A	BEST	BEST	N/A	4L: **8M0096727** 208L: **858119QE1**

	15 HP to 150 HP	200 HP to 300 HP	350 HP to 500 HP	Non-Catalyzed Engine	CatalyzedEngine	Part Number
SeaPro				**Gas Sterndrives/Inboards**		
10W30 Mineral	Optional *(when temperature < 0 °C)*			N/A	N/A	**1L: 8M0206950** **4L: 8M0206952** **60L: 8M0165791** **208L: 8M0086222**
10W30 Synthetic Blend	Optional *(when temperature < 0°C)*			N/A	N/A	**1L: 8M0206995** **4L: 8M0206996** **208L: 8M0152565**
10W30 Full Synthetic	Optional *(when temperature < 0 °C)*			N/A	N/A	**1L: 8M0206997** **4L: 8M0206998** **208L: 8M0180938**
25W40 Mineral	Good	Good	Good	Good	Good	**1L: 8M0206953** **4L: 8M0206954** **60L: 8M0121914** **208L: 8M0086225**
25W40 Synthetic Blend	BEST	BEST	BEST	BEST	BEST	**1L: 8M0206955** **4L: 8M0206956** **60L: 8M0165792** **208L: 8M0086228**

*10W30 is recommended in all operating temperature conditions.

Learn more at MercuryMarine.com

©2023 MERCURY MARINE. All rights reserved. Reproduction in whole or in part without permission is prohibited.

PN 8M0218458

APPLICATION AND SKU CHART

Mercury 4-Stroke Oil SKU Chart

Item Number	Qty per Case	Container Size	Pallet Qty	Btl Length (in)	Btl Depth (in)	Btl Height (in)	Btl Weight (lb)	Case Length (in)	Case Width (in)	Case Height (in)	Case Weight (lb)	Pallet Weight (lb)
FC-W® SAE 10W30 FOR 4-STROKE MARINE ENGINES												
92-8M0206950	6	LITER	468	4.2	2.375	9.25	2.083	8.9	7.7	10.1	12.5	1040
92-8M0206952	3	4 LITER	180	7.5	5.1	11.8	8.167	15.875	8	12.875	24.5	1520
FC-W® SAE 25W40 FOR 4-STROKE MARINE ENGINES												
92-8M0206953	6	LITER	468	4.2	2.375	9.25	2.083	8.9	7.7	10.1	12.5	1040
92-8M0206954	3	4 LITER	180	7.5	5.4	11.8	8.167	15.875	8	12.875	24.5	1520
FC-W® SAE 25W40 SYNTHETIC BLEND FOR 4-STROKE MARINE ENGINES												
92-8M0206955	6	LITER	468	4.2	2.375	9.25	2.083	8.9	7.7	10.1	12.5	1040
92-8M0206956	3	4 LITER	180	7.5	5.4	11.8	8.167	15.875	8	12.875	24.5	1520
FC-W® SAE 10W30 SYNTHETIC BLEND FOR 4-STROKE MARINE ENGINES												
92-8M0206995	6	LITER	468	4.2	2.375	9.25	2.083	8.9	7.7	10.1	12.5	1040
92-8M0206996	3	4 LITER	180	7.5	5.4	11.8	8.167	15.875	8	12.875	24.5	1520

FCW® 10W30 MARINE OIL

Mercury's 4-Stroke oil technology outperforms automotive oils in marine applications because of its specialized additive package designed for marine engines. The mineral 4-Stroke oil is also now approved for use in all Outboard Engines; previously only our synthetic blend could make this claim.
3 things to know:
• For use in all 4-Stroke marine engines - New formula 4-Stroke oils are engineering approved for use in certain marine 4-Stroke Outboard applications and exceeds all Marine industry 4-Stroke oil requirements including FC-W and FC-W Catalyst Compatible. In addition, all 10W30 & 25W40 oils are now fully FC-W Catalyst Compatible.
• Flagship Engine and Corrosion Protection - Industry leading strength and viscosity retention and ultimate corrosion and wear protection
• The most recommended Marine Oil - Over 5 years of engineering and development by the largest marine engine manufacturer in the world.

10W30 is recommended for certain operating temperatures and manual start applications.

10W30 MARINE ENGINE OIL



92-8M0206950
1 L (32.0 fl oz) plastic bottle

10W30 MARINE ENGINE OIL



92-8M0206952
4 L (1.06 US gal) plastic bottle

FCW® 10W30 SYNTHETIC BLEND MARINE OIL

10W30 SYNTHETIC BLEND MARINE OIL



92-8M0206995
10W30 4-Stroke synthetic marine oil
1 L plastic bottle

10W30 SYNTHETIC BLEND MARINE OIL



92-**8M0206996**
10W30 Synthetic blend 4-stroke marine oil
4 L plastic bottle

FCW® 10W30 FULL SYNTHETIC MARINE OIL

10W30 FULL SYNTHETIC MARINE OIL



92-**8M0206997**
Release in 2024
Priced individually, sold @ multiples of 6
1L plastic bottle

10W30 FULL SYNTHETIC 4-STROKE MARINE OIL



92-**8M0206998**
Release in 2024
Priced individually, sold @ multiples of 3
4L plastic bottle

FCW® 25W40 MINERAL MARINE OIL

Mercury's 4-Stroke oil technology outperforms automotive oils in marine applications because of its specialized additive package designed for marine engines.

3 things to know:

• For use in all 4-Stroke marine engines - New formula 4-Stroke oils are engineering approved for all marine 4-Stroke applications, including: Outboard, MerCruiser, High Performance, stern drive/Inboard, and exceeds all Marine industry 4-Stroke oil requirements including FC-W and FC-W Catalyst Compatible.
• Flagship Engine and Corrosion Protection - Industry leading strength and viscosity retention and ultimate corrosion and wear protection.
• The most recommended Marine Oil - Over 5 years of engineering and development by the largest marine engine manufacturer in the world.

25W40 recommended in all marine engines.

25W40 MARINE ENGINE OIL



92-**8M0206953**
1L (32 fl oz) plastic bottle

25W40 MARINE ENGINE OIL



92-**8M0206954**
4 L (1.06 US gal) plastic bottle

FCW® 25W40 SYNTHETIC BLEND MARINE OIL

25W40 SYNTHETIC BLEND MARINE ENGINE OIL



92-**8M0206955**
1 L (32 oz) plastic bottle

25W40 SYNTHETIC BLEND MARINE ENGINE OIL



92-**8M0206956**
4 L (1.06 US gal)

MERCURY HIGH PERFORMANCE 4-STROKE OIL

Maximum protection is essential when pushing your engine to the limit. Racing, tow sports and fishing applications require your engine to operate under extreme conditions. Operating at high engine output and high temperatures or alternating between periods of high RPMs and throttling down to low RPMs or idle puts serious pressure on engine oil. Mercury Racing Four Stroke oil will not break down under these conditions. It maintains its viscosity, protects against varnish buildup and sludge formation and exceeds the rust protection requirements for NMMA® certification.

Recommended for use in all Mercury Racing four-stroke engines including: FormulaRace and Verado outboards and 525 EFI through 1650 sterndrives

Meets or exceeds manufacturers' warranty requirements for use of an FC-W® marine engine oil

25W50 SYNTHETIC BLEND HIGH PERFORMANCE OIL



92-**8M0096727**
4-Stroke 25W50 Synthetic blend engine oil.
4 L (1.06 US Gal) bottle

MERCRUISER OIL FILTERS - GASOLINE

This engineered marine filter provides outstanding durability through a more robust design, heavier gauge materials and a superior paint process inside and out. Designed for a marine environment, this filter provides benefits not found in a standard automotive filter.

OIL FILTER



35-**883702K**
w/o remote oil
Fits MCM V-6 models that have the oil filter mounted on the engine block. Not for use with V-6 engines that have a remote oil filter.
Mercury Precision Branded, Box Point of Sale Packaged.

OIL FILTER



35-**866340Q03**
Fits all MCM/MIE GM engines, except V-6 models that have the oil filter mounted on the engine block. Also fits the 4.5L and 6.2L Mercury engine.
Quicksilver Branded, Box Point of Sale Packaged.

MERCURY DIESEL STERNDRIVE/INBOARD OIL

SAE 15W40

15W40 DIESEL ENGINE OIL



92-**8M0207036**

Superior performance in marine diesel applications.
Not recommended for use in Mercury TDI or 3.0L V6 VM diesel applications
4 L plastic bottle

MERCURY CORROSION PROTECTION

CORROSION GUARD HEAVY DUTY



92-**8M0207815**

Corrosion Guard Heavy Duty is a rust inhibitor that forms an insulating, waxy film for long-term corrosion protection on non-painted and painted surfaces. The water resistant barrier seals out air, salt and moisture for maximum protection.
Availability: Q4 2023

Use to prevent rust from forming on out drives, lower units and power trim motors and components or other metal surfaces. Can also be used to prevent further paint damage in areas where undercutting and blistering have occurred. Do not spray on surfaces coated with antifouling or biocide paint. Do no spray on drive belts. Not for sale in California.

312 g (11 oz) spray can

MERCURY ENGINE COOLANT

EXTENDED LIFE COOLANT/ANTIFREEZE



92-**8M0207010**

Provides extended life protection for closed cooling systems. This 5 year, 1000 hour protection is ethylene glycol based and pre-diluted 50/50 with de-ionized water. It is silicate and phosphate free and will not cause gelling. Provides freeze protection down to -34 deg. F and boiling protection to 265 deg. F. It is also compatible with conventional anti-freeze, but dilution will reduce extended life benefits.
Meets ASTM D-3306, ATSM D-4340
Availability: Q4 2023

For use in all MCM/MIE gasoline engines with closed cooling systems.
Also recommended for the following applications:
- ANFOR R 15-601
- BS 6580 (British standard)
- Chrysler® MS7170
- Chrysler® MS9769
- Ford® ESE-M97B44-A
- Ford® WSS-M97B44-D
- Ford® WSS-M97B51-A1
- FVV HEFT R443 (Germany)
- GM® 1825M
- GM® 6277M (DEX-COOL® specification)
- JASO M325 (Japan)
- JIS K 2234 (Japan)
- SAE J1034
- Mercedes Benz® DBL 7700

4 L plastic bottle

MERCURY GEARCASE LUBRICANTS

Mercury outperforms automotive gear oil in marine applications because of its specialized additive package designed for marine gear cases. Continued use of this gear case lubricant will:
- Provide maximum protection against excessive wear—even in the presence of water
- Prevent corrosion and pitting
- Help extend gear life

PREMIUM GEAR LUBE - SAE 80W90

SAE 80W90 GEAR LUBE



92-**8M0207034**

Availability: Q4 2023
237 ml (8 fl oz) tube

SAE 80W90 GEAR LUBE



92-**8M0207011**

Availability: Q4 2023
For use in all outboard lower units and jet pumps below 75 hp.
1 L plastic bottle

HIGH PERFORMANCE GEAR LUBE - SAE 90

SAE 90 GEAR LUBE



92-**8M0207031**

Availability: Q4 2023
1 L (33.8 fl oz) plastic bottle

SAE 90 GEAR LUBE QUART & GEAR LUBE PUMP



92-**8M0207032**

Gear lube pump and a one liter of Hi Performance gear lube conveniently packaged together. Use the pump to replace your gear case oil with ease. Fits all quart and liter bottles.

Gear lube pump: Fits all MerCruiser sterndrives and Mercury/Mariner outboards (except models of Japanese origin) with a .375 in-16 drain/fill screw. Adapter available.
Availability: Q4 2023

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

SAE 90 GEAR LUBE



92-**8M0207033**

Availability: Q4 2023
237 ml (8 fl oz) tube

SAE 90 GEAR LUBE



92-**8M0206992**

Availability: Q4 2023
10 L (2.64 gal) plastic bottle

MERCURY EXTREME PERFORMANCE GEAR LUBE

Mercury Racing Gear Lube was designed for outboard and sterndrive racing applications. This gear lube provides maximum protection against:
• Water intrusion – advanced emulsifiers protect gears if water enters the gear housing
• Wear – tackifiers and pressure additives improve oil film adhesion and protect against excessive wear
• Horsepower loss - prevents horsepower loss and won't break down when gears reach high temperatures

Recommended for use in Mercury Racing outboard gear cases including: Sport Master, Torque Master, Fleet Master, VI SSM and IV SSM and Mercury Racing sterndrive applications including Dry Sump Six,NXT6, SSM, NXT, Bravo XR, Bravo XR Sport Master drives and NXT transmission assemblies.

SAE 85W90 EXTREME PERFORMANCE GEAR OIL



92-**8M0133995**

Used in high-performance gearcases
946 ml (32 oz) bottle

SAE 85W90 EXTREME PERFORMANCE GEAR OIL



92-**8M0133997**

Used in high-performance gearcases
18.9 liters (5 US Gal) plastic pail

MERCURY GREASES

Mercury Grease Product Line Simplified

Mercury greases have gone through a makeover. The product line has been simplified to eliminate confusion about which grease to use in what application. The line has been reduced from six types of grease to three. Below is a summary of the consolidation:

2-4-C Marine Grease – No change

Special 101 – Replaced by 2-4-C Marine Grease
Engine Coupler/Spline Grease - Replaced by Extreme Grease

MARINE GREASE

2-4-C MARINE LUBRICANT



92-**8M0207039**

2-4C grease with Teflon
Availability: Q4 2023
227 g (8 oz) tube

2-4-C MARINE LUBRICANT



92-**8M0207040**

Availability: Q4 2023
Fits standard 14 oz grease guns
397 g (14 oz) cartridge

MULTI-PURPOSE GREASE

EXTREME GREASE



92-**8M0207035**

Formulated for high-temperature and high-load applications.
Availability: Q4 2023
397 g (14 oz) cartridge

MERCURY PAINTS AND FINISH

MERCURY COLORS

PHANTOM BLACK



92-**8M0133921**

Paint pen for touch-up in Phantom Black. For all Mercury outboards and MCM/MIE engines and drives.

9 mL paint pen

VERADO SILVER



92-**8M0132061**

Authentic silver paint for Mercury and Mariner outboards. Fast drying and high gloss.

340 g (12 oz) can

WARM FUSION PAINT



8M0133999

Authentic white paint for Mercury Outboards.

340 g (12 oz) spray can

COLD FUSION PAINT



92-**8M0134001**

Authentic white paint for Mercury Outboards.

340 g (12 oz) spray can

PROPELLER PAINT

PHANTOM BLACK PAINT



92-**8M0207817**

Availability: Q4 2023

For all Mercury outboards and MCM/MIE engines and drives.

340 g (12 oz) spray can

SURFACE PREP AND FINISH

LIGHT GRAY PRIMER



92-**8M0207816**

Availability: Q4 2023

340 g (12 oz) spray can

MERCURY STEERING FLUID

POWER TRIM AND STEERING FLUID



92-**8M0207038**

A universal hydraulic fluid designed to mix with all hydraulic fluids, protect seals and hoses, and prevent foaming, oxidation and corrosion.

Recommended for all outboard and sterndrive applications except electric power steering systems (use Synthetic Power Steering Fluid SAE 0W30) and non-power hydraulic steering systems (use Hydraulic Helm Steering Fluid)

Recommended for all applications that require a Type F Transmission Fluid

1L (33.8 fl oz) plastic bottle

POWER TRIM AND STEERING FLUID



92-**8M0206994**

A universal hydraulic fluid designed to mix with all hydraulic fluids, protect seals and hoses, and prevent foaming, oxidation and corrosion.

Recommended for all outboard and sterndrive applications except electric power steering systems (use Synthetic Power Steering Fluid SAE 0W30) and non-power hydraulic steering systems (use Hydraulic Helm Steering Fluid)

Recommended for all applications that require a Type F Transmission Fluid

237 ml (8 fl oz) plastic bottle

QUICKSILVER 2-STROKE OIL

APPLICATION AND SKU CHART

2-Stroke Outboard Oil Application Chart

PRODUCT	Low HP: 2.5HP to 30HP	Mid HP: 40 HP to 115HP	High HP: Above 115HP	All HP
	Carubureted or EFI	Carbureted or EFI	Carbureted or EFI	Direct Injection
Premium	*Good	Good	Not recommended	Not recommended
Premium Plus	Better	*Better	*Better	Better
DI Engine Oil	Best	Best	Best	*Best

Premium TCW3

Part Number	Description	Price/Packaging
92-858021QB1	1 L (33.8 oz.) plastic bottles	Priced individually, sold @ 6 bottles / case.
92-858022QB1	4 L (1.06 gal.) plastic bottles	Priced individually, sold @ 3 bottles / case.
92-858023QB1	10L (2.64 gal.) plastic bottles	Priced individually, sold @ 2 bottles / case.
92-858024QB1	55 gallon (208 L) drum	

Premium Plus TCW3

Part Number	Description	Price/Packaging
92-858026QB1	1 L (33.8 oz.) plastic bottles	Priced individually, sold @ 6 bottles / case.
92-858027QB1	4 L (1.06 gal.) plastic bottles	Priced individually, sold @ 3 bottles / case.
92-858028QB1	10 L (2.64 gal.) plastic bottles	Priced individually, sold @ 2 bottles / case.
92-858029QB1	55 gallon (208 L) drum	

Direct Injection (DI) Engine Oil

Part Number	Description	Price/Packaging
92-858037QB1	4 L (1.06 gal.) plastic bottles	Priced individually, sold @ 6 bottles / case.
92-858038QB1	10 L (2.64 gal.) plastic bottles	Priced individually, sold @ 2 bottles / case.
92-858039Q01	55 gallon (208 L) drum	

Performance Blend for 2-Cycle Outboards

Part Number	Description	Price/Packaging
92-8M0133993	3.78 L (1 US gal) plastic bottles	Priced individually, sold @3 bottles / case

PREMIUM TCW3 OIL

Quicksilver's exclusive formulation provides superior protection to help extend the life of small horsepower, outboard engines. Continued use of Quicksilver® Premium 2-Cycle oil also helps:
• Prevent corrosion of internal components
• Maintain peak engine performance and reliability

This all weather formula provides protection in temperatures down to -13° F (-25° C).

Recommended for use in pre-mix applications for low-horsepower, carbureted engines such as, outboards, personal watercraft, snowmobiles, motorcycles and chainsaws

Meets all outboard and personal watercraft manufacturers' warranty requirements and recommendations for use of a TC-W3® oil

PREMIUM 2-CYCLE TC-W3 OUTBOARD OIL



92-858021QB1
1 L plastic bottle

PREMIUM TCW3 OIL



92-8M0205371
4 L plastic bottle

PREMIUM TCW3 OIL



92-858023QB1
10 L plastic bottle

PREMIUM TCW3 OIL



92-858024QB1
208 L drum

PREMIUM PLUS TCW3 OIL



92-858029QB1
208 L drum

PREMIUM PLUS TCW3

Quicksilver's exclusive formulation offers extreme protection for mid- to high-horsepower outboard engines. Continued use this oil will:
• Provide outstanding wear and corrosion protection which help extend engine life
• Minimize performance-robbing carbon deposits
• Maintain peak engine performance and reliability

Recommended for use in oil-injected, carbureted or electronic fuel injected (EFI) mid- to high-horsepower engines such as Mercury®, Mariner® and Force® outboards, Mercury Jet Drives® and Mercury Sport Jet® engines

Meets or exceeds all outboard and personal watercraft manufacturers' warranty requirements and recommendations for use of a TC-W3® oil

PREMIUM PLUS TCW3 OIL



92-858026QB1
Extreme protection. Exceptional marine fomulation for high horsepower and heavy-duty applicatons.
1 L (33.8 fl oz) plastic bottle

PREMIUM PLUS TCW3 OIL

92-858027QB1
4 L plastic bottle

PREMIUM PLUS TCW3 OIL



92-858028QB1
10 L plastic bottle

DIRECT INJECTION (DI) ENGINE OIL

Quicksilver's exclusive formulation offers the maximum protection for DI (direct injection) outboard engines. Continued use this oil will:
• Provide outstanding wear and corrosion protection which help extend engine life
• Minimize performance-robbing carbon deposits
• Maintain peak engine performance and reliability
• Reduce smoke

Recommended for use in direct injection two-cycle engines such as Mercury OptiMax®

Exceeds all outboard manufacturer's warranty requirements and recommendations for use in direct injection applications

DIRECT INJECTION ENGINE OIL



92-858037QB1
4 L plastic bottle

DIRECT INJECTION ENGINE OIL



92-858038QB1
10 L plastic bottle

DIRECT INJECTION ENGINE OIL



92-**858039Q01**
208 L (55 Gal) drum

PERFORMANCE BLEND FOR 2-CYCLE RACE OUTBOARDS

Specifically formulated for hi-performance and racing engines. Gives added protection at high operating temperatures which occur when engines are run at high rpm's for extended periods of time.

HIGH PERFORMANCE TWO-STROKE OIL



92-**8M0133993**
3.78 liters (1 US Gal) bottle

QUICKSILVER PREMIUM ULTRA

This 2-stroke oil blend is specifically produced to meet a high flash point. Can only be sold in CIS.

QUICKSILVER®
Marine Parts & Accessories

Quicksilver Premium Ultra
Масло для двухтактных моторов

- усовершенствованная запатентованная формула предназначена для всех двухтактных лодочных моторов, в том числе высокой мощности. Подходит для двигателей с прямым впрыском топлива, таких как Mercury Optimax и Evinrude Etec.
- усовершенствованная формула с пакетом высококачественных присадок обеспечивает максимальную эффективность двигателя в самых суровых условиях, таких как продолжительная работа на полном ходу, большая нагрузка и интенсивное ускорение. Использование масла Quicksilver Premium Ultra защитит двигатель от коррозии и образования нагара, обеспечивая при этом полноценное смазывание внутренних компонентов.
- Соответствует требованиям стандартов NMMA TC-WII и TC-W3®, рекомендациям всех производителей двухтактных лодочных моторов и гидроциклов с системами предварительного смешивания и впрыска масла.



8M0170003	2-STROKE PREMIUM ULTRA 1L
8M0170005	2-STROKE PREMIUM ULTRA 4L
8M0170007	2-STROKE PREMIUM ULTRA 10L
8M0170008	2-STROKE PREMIUM ULTRA 208L

© 2020 Mercury Marine. Все права защищены. Полное или частичное воспроизведение материалов без разрешения запрещено. Все зарегистрированные торговые марки принадлежат Brunswick Corporation

QUICKSILVER 4-STROKE MARINE ENGINE OIL AND OIL FILTERS

QUICKSILVER 4-STROKE OILS

QUICKSILVER Marine Lubricants

The Quicksilver 4-Stroke Lineup Has You Covered

All New 4-Stroke Oil Technology

Brand-new 4-Stroke oil formulations provide the best protection and performance for all your marine engine needs and applications. Whether participating in high-performance racing, fishing with your Mercury engine, cruising with your Yamaha engine or riding the waves with your personal watercraft — with Quicksilver you can trust you're getting the best experience on the water.

3 Things to Know:

For Use in All 4-Stroke Marine Engines

Exceeds all marine industry 4-Stroke oil requirements, including FC-W® and FC-W® Catalyst Compatible. **See product photos for commonly recommended applications. Always refer to the owner's manual for specific model oil weight specifications.*

Superior Corrosion Protection

- **Industry-leading strength and viscosity retention**
- **Ultimate corrosion and wear protection**
- **4-Stroke oil formula additives offer superior corrosion performance in damp environments as compared to passenger-car motor oil.**



Automotive Oil | *Aftermarket Marine Oil* | *Quicksilver Oil*

Photo shows NMMA FC-W Corrosion Test performance on Mercury cylinder strips.

The Most Recommended Marine Oil

Quicksilver is a trusted marine brand, delivering superior engine performance since 1950. Quicksilver oils are expertly engineered and rigorously tested in harsh marine environments.



10W-30 Mineral
- *Mercury*
- *Yamaha*
- *Honda*
- *Suzuki*

10W-30 Synthetic Blend
- *Mercury*
- *Yamaha*
- *Honda*
- *Suzuki*
- *Volvo Penta*

10W-30 Full Synthetic
- *Mercury*



25W-40 Mineral
- *Mercury*

25W-40 Synthetic Blend
- *Mercury*

10W-40 Mineral
- *Suzuki*
- *Volvo*
- *Yamaha PWC*

5W-30 Full Synthetic
- *Yamaha*
- *Honda*
- *Suzuki*

High Performance 25W-50 Synthetic Blend
- *Mercury and race applications*

**5W-30 is not NMMA certified.*

© 2021 Brunswick Marine EMEA. All Rights Reserved. Reproduction in whole or in part without permission is prohibited.

QUICKSILVER®
Marine Lubricants

Good, Better, Best Comparisons for Four-stroke Mercury Marine® Engines

	FourStroke Outboards							Gas Sterndrives/Inboards		
	Non-SeaPro Engines					SeaPro 15 - 150 hp	Verado L6 200 - 400 hp	Non-Catalyzed Engine	Catalyzed Engine	Part Number
	Low hp 2.5 - 9.9 hp	Low hp 15 - 60 hp	Mid hp 75 - 115 hp (1.7L)	Mid hp 75 - 115 hp (2.1L)	150 hp					
10W30 Mineral	Good*	Good*	Good*	Good	Good	❶	N/A	N/A		1 L: 8M0086220 4 L: 8M0086221 60 L: 8M0165791 208 L: 8M0086222
10W30 Synthetic Blend	Better	Better*	Good*	Better	Better	❶	N/A	N/A		1 L: 8M0152563 4 L: 8M0152564 208 L: 8M0152565
10W30 Full Synthetic	BEST	BEST*	Good*	BEST	BEST	❶	N/A	N/A		1 L: 8M0180936 4 L: 8M0180937 208 L: 8M0180938
25W40 Mineral	❷	❷	❷	Good	Good	Good	Good	Good**	Good**	1 L: 8M0086223 4 L: 8M0086224 60 L: 8M0121914 208 L: 8M0086225
25W40 Synthetic Blend	❷	❷	❷	Good	Good	BEST	Better	BEST**	BEST**	1 L: 8M0086226 4 L: 8M0086227 60 L: 8M0165792 208 L: 8M0086228

	3.4 L V6 Outboards			4.6L V8 Outboards			7.6L V12 Outboards		Part Number
	FourStroke	ProXS	SeaPro	Verado	ProXS	SeaPro	Verado	SeaPro	
10W30 Mineral	Good	Good	Optional when temp. ≤ 0 C°	Good	Good	Optional when temp. ≤ 0 C°	Good	❶	1 L: 8M0086220 4 L: 8M0086221 60 L: 8M0165791 208 L: 8M0086222
10W30 Synthetic Blend	Better	Better	Optional when temp. ≤ 0 C°	Better	Better	Optional when temp. ≤ 0 C°	Better	❶	1 L: 8M0152563 4 L: 8M0152564 208 L: 8M0152565
10W30 Full Synthetic	BEST	BEST	❶	BEST	BEST	❶	BEST	❶	1 L: 8M0180936 4 L: 8M0180937 208 L: 8M0180938
25W40 Mineral	N/A	N/A	Good	N/A	N/A	Good	N/A	Good	1 L: 8M0086223 4 L: 8M0086224 60 L: 8M0121914 208 L: 8M0086225
25W40 Synthetic Blend	N/A	N/A	BEST	N/A	N/A	BEST	N/A	BEST	1 L: 8M0086226 4 L: 8M0086227 60 L: 8M0165792 208 L: 8M0086228

Additional 4-Stroke Oils

5W-30 Full Synthetic	8M0180930 (1L)	8M0180931 (4L)	8M0180932 (208L)
10W-40 Mineral	8M0180933 (1L)	8M0180934 (4L)	8M0180935 (208L)
25W-50 High Performance Synthetic Blend *BEST option for Verado L6 200-400HP and 450R outboards*	8M0096256 (1L)	858084QE1 (4L)	858119QE1 (208L)

**10W30 is recommended for certain operating temperatures and manual start applications; consult owners manual.*
***25W-50 is recommended in certain operating conditions and high-performance applications; consult owners manual. Contains the highest levels of ZDDP in the QS lineup and for high-performance applications.*

❶ *Optional when the temperature is less than or equal to 0 °C*
❷ *Optional when the operating temperatures are only above 5 °C*

Note: Oil recommendation chart is only a guide, consult owner's manual to be assured of exact oil recommendation.
Generally, synthetic blend oils are preferred over the mineral oil of equivalent viscosity due to increased corrosion protection properties.
For simplicity sake, 25W40 oils are generally approved for use in all engines types while 10W30 and 25W50 oils are not suitable for certain engines or operating conditions.

**5W-30 is not NMMA certified.*

© 2021 Brunswick Marine EMEA. All Rights Reserved. Reproduction in whole or in part without permission is prohibited.

APPLICATION AND SKU CHART

FCW® 10W30 Mineral Marine Oil

Part Number	Description	Price/Packaging
92-8M0086220	1 L (33.8 oz.) plastic bottles	Priced individually, sold @ 6 bottles / case.
92-8M0086221	4 L (1.06 gal.) plastic bottles	Priced individually, sold @ 3 bottles / case.
92-8M0086222	55 gallon (208 L) drum	

FCW® 10W30 Synthetic Blend Marine Oil

Part Number	Description	Price/Packaging
92-8M0152563	1 L (33.8 oz.) plastic bottles	Priced individually, sold @ 6 bottles / case.
92-8M0152564	4 L (1.06 gal.) plastic bottles	Priced individually, sold @ 3 bottles / case.
92-8M0152565	55 gallon (208 L) drum	

FCW® 25W40 Mineral Marine Oil

Part Number	Description	Price/Packaging
92-8M0086223	1 L (33.8 oz.) plastic bottles	Priced individually, sold @ 6 bottles / case.
92-8M0086224	4 L (1.06 gal.) plastic bottles	Priced individually, sold @ 3 bottles / case.
92-8M0086225	55 gallon (208 L) drum	

FCW® 25W40 Synthetic Blend Marine Oil

Part Number	Description	Price/Packaging
92-8M0086226	1 L (33.8 oz.) plastic bottles	Priced individually, sold @ 6 bottles / case.
92-8M0086227	4 L (1.06 gal.) plastic bottles	Priced individually, sold @ 3 bottles / case.
92-8M0086228	55 gallon (208 L) drum	

FCW® 25W50 Synthetic Blend Marine Oil

Part Number	Description	Price/Packaging
92-8M0096256	1 L (1.06 qt) plastic bottles	Priced individually, sold @6 bottles / case.
92-858084QE1	4 L (1.06 gal.) plastic bottles	Priced individually, sold @ 3 bottles / case.
92-858119QE1	55 gallon (208 L) drum	

FCW® 5W30 MARINE OIL

Quicksilver's 4-Stroke oil technology outperforms automotive oils in marine applications because of its specialized additive package designed for marine engines.

3 things to know:

• For use in all 4-Stroke Marine Engines - New formula 4-Stroke oils are engineering approved for all marine 4-Stroke applications, including: Outboard, MerCruiser, High Performance, Stern Drive/Inboard, and exceeds all Marine industry 4-Stroke oil requirements.
• Flagship Engine and Corrosion Protection - Industry leading strength and viscosity retention and ultimate corrosion and wear protection
• The most recommended Marine Oil - Over 5 years of engineering and development by the largest marine engine manufacturer in the world.

5W30 Full Synthetic meets the requirements of the API SN Engine Oil Service Category(BEST Choice).

5W30 FULL SYNTHETIC MARINE OIL



92-8M0180930
Priced individually, sold @ multiples of 6
1L plastic bottle

5W30 FULL SYNTHETIC MARINE OIL



92-8M0180931
Priced individually, sold @ multiples of 3
4L plastic bottle

5W30 FULL SYNTHETIC MARINE OIL



92-8M0180932
208 L drum

FCW® 10W30 MINERAL MARINE OIL

Quicksilver's 4-Stroke oil technology outperforms automotive oils in marine applications because of its specialized additive package designed for marine engines. The mineral 4-Stroke oil is also now approved for use in all Outboard Engines; previously only our synthetic blend could make this claim. A new full synthetic option is available in 10W30 for 2021; designed for maximum engine protection and performance, complete with no viscosity modifiers. The full synthetic 10W30 has the highest quantity of anti-oxidant and detergent addititives available in the 10W30 oil line-up.

3 things to know:

• For use in all 4-Stroke Marine Engines - New formula 4-Stroke oils are engineering approved for use in certain marine 4-Stroke Outboard applications and exceeds all Marine industry 4-Stroke oil requirements including FC-W or FC-W Catalyst Compatible.

• Flagship Engine and Corrosion Protection - Industry leading strength and viscosity retention and ultimate corrosion and wear protection

• The most recommended Marine Oil - Over 5 years of engineering and development by the largest marine engine manufacturer in the world. 10W30 is recommended for certain operating temperatures and manual start applications.

10W30 MARINE ENGINE OIL



92-**8M0086220**
1 L (32.0 fl oz) plastic bottle

10W30 MARINE ENGINE OIL



92-**8M0086221**
4 L (1.06 US gal) plastic bottle

10W30 MINERAL MARINE 4-STROKE ENGINE OIL



92-**8M0165791**
60 L (15.85 US Gal) drum

10W30 MARINE ENGINE OIL



92-**8M0086222**
208 L (55 US gal) drum

FCW® 10W30 SYNTHETIC BLEND MARINE OIL

10W30 SYNTHETIC BLEND MARINE OIL



92-**8M0152563**
10W30 4-Stroke synthetic marine oil
1 L plastic bottle

10W30 SYNTHETIC BLEND MARINE OIL



92-**8M0152564**
10W30 Synthetic blend 4-stroke marine oil
4 L plastic bottle

10W30 SYNTHETIC BLEND 4-STROKE OIL



92-**8M0152565**
10W30 synthetic blend marine oil for 4-Stroke engines.
208 L drum

FCW® 10W30 FULL SYNTHETIC MARINE OIL

10W30 FULL SYNTHETIC MARINE OIL



92-**8M0180936**
Priced individually, sold @ multiples of 6
1L plastic bottle

10W30 FULL SYNTHETIC 4-STROKE MARINE OIL



92-**8M0180937**
Priced individually, sold @ multiples of 3
4L plastic bottle

10W30 FULL SYNTHETIC 4-STROKE OIL



92-**8M0180938**
208 L drum

FCW® 10W40 MARINE OIL

Quicksilver's 4-Stroke oil technology outperforms automotive oils in marine applications because of its specialized additive package designed for marine engines. The mineral 4-Stroke oil is also now approved for use in all Outboard Engines; previously only our synthetic blend could make this claim.
3 things to know:
• For use in all 4-Stroke marine engines - New formula 4-Stroke oils are engineering approved for use in certain marine 4-Stroke Outboard applications and exceeds all Marine industry 4-Stroke oil requirements.
• Flagship Engine and Corrosion Protection - Industry leading strength and viscosity retention and ultimate corrosion and wear protection

• The most recommended Marine Oil - Over 5 years of engineering and development by the largest marine engine manufacturer in the world.

10W40 is recommended for certain operating temperatures and manual start applications.

10W40 4-STROKE MARINE OIL



92-**8M0180933**
Priced individually, sold @ multiples of 6
1L plastic bottle

10W40 4-STROKE MARINE OIL



92-**8M0180934**
Priced individually, sold @ multiples of 3
4L plastic bottle

10W40 MARINE OIL



92-**8M0180935**
208 L drum

FCW® 25W40 MINERAL MARINE OIL

Quicksilver's all new 4-Stroke oil technology outperforms automotive oils in marine applications because of its specialized additive package designed for marine engines.

3 things to know:

• For use in all 4-Stroke Marine Engines - New formula 4-Stroke oils are engineering approved for all marine 4-Stroke applications, including: Outboard, MerCruiser, High Performance, Stern Drive/Inboard, and exceeds all Marine industry 4-Stroke oil requirements including FC-W and FC-W Catalyst Compatible.
• Flagship Engine and Corrosion Protection - Industry leading strength and viscosity retention and ultimate corrosion and wear protection.
• The most recommended Marine Oil - Over 5 years of engineering and development by the largest marine engine manufacture in the world.

25W40 recommended in all Marine Engines.

25W40 MARINE ENGINE OIL



92-**8M0086223**
1L (32 fl oz) plastic bottle

25W40 MARINE ENGINE OIL



92-**8M0086224**
4 L (1.06 US gal) plastic bottle

25W40 MARINE ENGINE OIL



92-**8M0121914**
25W40 Marine 4-Stroke Engine Oil
60L (15.85 US gal) drum

25W40 MARINE ENGINE OIL



92-**8M0086225**
208 L (55 US gal) drum

FCW® 25W40 SYNTHETIC BLEND MARINE OIL

Quicksilver's all new 4-Stroke oil technology outperforms automotive oils in marine applications because of its specialized additive package designed for marine engines.

3 things to know:

• For use in all 4-Stroke Marine Engines - New formula 4-Stroke oils are engineering approved for all marine 4-Stroke applications, including: Outboard, MerCruiser, High Performance, Stern Drive/Inboard, and exceeds all Marine industry 4-Stroke oil requirements including FC-W and FC-W Catalyst Compatible.
• Flagship Engine and Corrosion Protection - Industry leading strength and viscosity retention and ultimate corrosion and wear protection
• The most recommended Marine Oil - Over 5 years of engineering and development by the largest marine engine manufacture in the world.

25W40 Synthetic Blend recommended in all Marine Engines (BEST Choice).

25W40 SYNTHETIC BLEND MARINE ENGINE OIL



92-**8M0086226**
1 L (32 oz) plastic bottle

25W40 SYNTHETIC BLEND MARINE ENGINE OIL



92-**8M0086227**
4 L (1.06 US gal)

25W40 SYNTHETIC MARINE 4-STROKE ENGINE OIL



92-**8M0165792**
60 L (15.85 US Gal) drum

25W40 SYNTHETIC BLEND MARINE ENGINE OIL



92-**8M0086228**
208 L (55 US gal) drum

FCW® 25W50 SYNTHETIC BLEND MARINE OIL

25W50 oil is often recommended for engines used in racing. This high performance oil provides maximum lubrication for your marine engine. This oil:
• Maintains viscosity under the most extreme operating conditions such as
• Racing: Operating engine at maximum output and high temperatures
• Tow sports and fishing: Alternating between periods of high RPM's and throttling down to low RPMs or idle
• Protects against varnish buildup and sludge formation
• Exceeds the rust protection requirements for NMMA certification

Recommended for use in Verado® outboards and other high-performance marine engines

Exceeds manufacturers' warranty requirements and recommendations for use of an FCW® 25W50 oil

25W50 SYNTHETIC BLEND OUTBOARD OIL



92-**8M0096256**
High Performance 4-Stroke Marine Engine oil.
1 Liter (1.06 Quarts) plastic bottle

25W50 SYNTHETIC BLEND OUTBOARD OIL



92-**858084QE1**
4 L plastic bottle

SYNTHETIC BLEND SAE 25W50 OIL



92-**858119QE1**
208 L drum

OIL CAPACITY CHART - 4-STROKE OUTBOARDS

Crankcase Oil Capacity Chart & Quicksilver Filters

Model	Model Note	Year Range	Metric Crankcase Capacity	US Crankcase Capacity	Canister Filter
2.5/3.5 FourStroke		2006 - 2023	0.30 liter (300ml)	0.31 QT. (10 oz.)	N/A
4/5/6 FourStroke		1999 - 2023	0.45 liter (450ml)	0.48 QT. (15.2 oz.)	N/A
8 FourStroke	232cc	1995 - 2000	1.0 liter (1,000ml)	1.05 QT. (35 oz.)	N/A
8 FourStroke	323cc	2001 - 2004	1.0 liter (1,000ml)	1.05 QT. (35 oz.)	35-8M0162832
8 FourStroke	209cc	2005 - 2023	0.80 liter (800ml)	0.85 QT. (27 oz.)	N/A
9.9 FourStroke	232cc	1995 - 1998	1.0 liter (1,000ml)	1.05 QT. (35 oz.)	N/A
9.9 FourStroke	323cc	1999 - 2004	1.0 liter (1,000ml)	1.05 QT. (35 oz.)	35-8M0162832
9.9 FourStroke	209cc	2005 - 2023	0.80 liter (800ml)	0.85 QT. (27 oz.)	N/A
15 FourStroke	323cc	1998 - 2008	1.0 liter (1,000ml)	1.05 QT. (35 oz.)	35-8M0162832
15 Carb and EFI FourStroke		2008 - 2023	1.0 liter (1,000ml)	1.05 QT. (35 oz.)	35-8M0162832
20 Carb and EFI FourStroke		2008 - 2023	1.0 liter (1,000ml)	1.05 QT. (35 oz.)	35-8M0162832
25 FourStroke	498cc, Carb Models	1998 - 2006	3.0 liter (3,000ml)	3.17 QT. (106 oz.)	35-8M0162830
25 FourStroke	492cc, EFI Models	2006 - 2023	1.8 liter (1,800ml)	1.90 QT. (63 oz.)	35-8M0162832
30 FourStroke	747cc	1999 - 2005	3.0 liter (3,000ml)	3.17 QT. (106 oz.)	35-8M0162830
30 FourStroke	492cc	2006 - 2023	1.8 liter (1,800ml)	1.90 QT. (63 oz.)	35-8M0162832
40 FourStroke	747cc, 3 cylinder	1999 - 2023	3.0 liter (3,000ml)	3.17 QT. (106 oz.)	35-8M0162830
40 FourStroke	996cc, 4 cylinder	2001 - 2023	3.0 liter (3,000ml)	3.17 QT. (106 oz.)	35-8M0162830
50 FourStroke	935cc, 4 cylinder	1995 - 2000	3.0 liter (3,000ml)	3.17 QT. (106 oz.)	35-8M0162830
50 FourStroke	996cc, 4 cylinder	2001 - 2023	3.0 liter (3,000ml)	3.17 QT. (106 oz.)	35-8M0162830
60 FourStroke	996cc, 4 cylinder	2001 - 2023	3.0 liter (3,000ml)	3.17 QT. (106 oz.)	35-8M0162830
75 FourStroke	Carbureted	2000 - 2005	5.0 liter (5,000ml)	5.28 QT. (176 oz.)	35-8M0162830
75 FourStroke	EFI, s/n 1B366822 & below	2006	4.5 liter (4,500ml)	4.80 QT. (160 oz.)	35-8M0162830
75 FourStroke	EFI, 1B366823-2B094995, 1.7L	2006 - 2014	5.0 liter (5,000ml)	5.28 QT. (176 oz.)	35-877761Q01
75/80 FourStroke	EFI, 2B094996 & UP, 2.1L	2014 - 2023	5.2 Liter (5,200ml)	5.5 QT. (176 oz.)	35-8M0162830
90 FourStroke	Carbureted	2000 - 2005	5.0 liter (5,000ml)	5.28 QT. (176 oz.)	35-8M0162830
90 FourStroke	EFI, s/n 1B366822 & below	2006	4.5 liter (4,500ml)	4.80 QT. (160 oz.)	35-8M0162830
90 FourStroke	EFI, 1B366823-2B094995, 1.7L	2006 - 2014	5.0 liter (5,000ml)	5.28 QT. (176 oz.)	35-877761Q01
90/100 FourStroke	EFI, 2B094996 & Up, 2.1L	2014 - 2023	5.2 liter (5,200ml)	5.5 QT. (176 oz.)	35-8M0162830
115 FourStroke	EFI, s/n 1B366822 & below	2001 - 2006	5.0 liter (5,000ml)	5.28 QT. (176 oz.)	35-8M0162830
115 FourStroke	EFI, 1B366823-2B094995, 1.7L	2006 - 2014	5.0 liter (5,000ml)	5.28 QT. (176 oz.)	35-877761Q01
115 FourStroke	EFI, 2B094996 & Up, 2.1L	2014 - 2023	5.2 liter (5,200ml)	5.5 QT. (176 oz.)	35-8M0162830
150 FourStroke	EFI	2011 - 2023	6.0 liter (6,000ml)	6.34 QT. (211 oz.)	35-877761Q01
135 Verado	4 cylinder	2006 - 2023	6.0 liter (6,000ml)	6.34 QT. (211 oz.)	35-877767Q01
150 Verado	4 cylinder	2006 - 2023	6.0 liter (6,000ml)	6.34 QT. (211 oz.)	35-877767Q01
175 Verado	4 cylinder	2006 - 2023	6.0 liter (6,000ml)	6.34 QT. (211 oz.)	35-877767Q01
200 Verado	4 cylinder	2007 - 2023	6.0 liter (6,000ml)	6.34 QT. (211 oz.)	35-877767Q01

QUICKSILVER 4-STROKE MARINE ENGINE OIL AND OIL FILTERS

Model	Model Note	Year Range	Metric Crankcase Capacity	US Crankcase Capacity	Canister Filter
225 FourStroke	EFI	2003 - 2006	6.0 liter (6,000ml)	6.34 QT. (211 oz.)	35-822626Q15
200 Verado	6 cylinder	2005 - 2023	7.0 liter (7,000ml)	7.40 QT. (246 oz.)	35-877769Q01
225 Verado	6 cylinder	2005 - 2023	7.0 liter (7,000ml)	7.40 QT. (246 oz.)	35-877769Q01
250 Verado	6 cylinder	2005 - 2023	7.0 liter (7,000ml)	7.40 QT. (246 oz.)	35-877769Q01
275 Verado	6 cylinder	2005 - 2023	7.0 liter (7,000ml)	7.40 QT. (246 oz.)	35-877769Q01
300 Verado	6 cylinder	2007 - 2023	7.0 liter (7,000ml)	7.40 QT. (246 oz.)	35-877769Q01
350/400R Verado	6 cylinder	2015 - 2023	7.0 liter (7,000ml)	7.40 QT. (246 oz.)	35-877769Q01

QUICKSILVER/MERCURY 4-STROKE OUTBOARD OIL FILTERS

FOURSTROKE OUTBOARD OIL FILTER



35-8M0162832

FourStroke Outboard replaceable screw-on type canister filters.

Fits Mercury/Mariner 8/9.9 hp. FourStroke outboards (323cc) , 15/20 hp. FourStroke carbureted outboards, 15/20 EFI FourStroke outboards, 0R833820 and above and the 25/30 hp. EFI FourStroke outboard (MY2006 & newer).

Quicksilver Branded, Box Point of Sale Packaged.

FOURSTROKE OUTBOARD OIL FILTER



35-8M0162830

FourStroke Outboard replaceable screw-on type canister filters - Unparalleled oil filtering protection for your Mercury or Mariner FourStroke outboard engine.

Fits Mercury/Mariner 25 hp. FourStroke (Carb, MY2006 & prior), 30 hp. FourStroke (3 cyl., MY2005 & prior), all 40-60 hp. FourStroke outboards (MY 1998 & newer), all 75-115 hp. FourStroke outboards (USA 1B366822 & prior), and all 75-115 hp. FourStroke outboards (USA 2B094996 and above).

Quicksilver Branded, Box Point of Sale Packaged.

FOURSTROKE OUTBOARD OIL FILTER



35-877761Q01

Replaceable screw-on type canister filter.

Fits the 75/90/115 hp. FourStroke outboard (USA 1B366823-2B094995, 1731 cc.) and the 150 hp. EFI FourStroke outboard.

Quicksilver Branded, Box Point of Sale Packaged.

FOURSTROKE OUTBOARD OIL FILTER



35-877767Q01

Replaceable screw-on type canister filter. Replaces the production 896546_ series oil filter.

Fits the 135/150/175/200 hp. Verado In-line 4 cylinder outboard.

Quicksilver Branded, Box Point of Sale Packaged.

FOURSTROKE OUTBOARD OIL FILTER



35-877769Q01

Replaceable screw-on type canister filter. Replaces the production 883701_ series oil filter.

Fits the 200/225/250/275/300/350/400R hp. Verado In-line 6 cylinder outboard. s/n [1B517424 & above]

Quicksilver Branded, Box Point of Sale Packaged.

FOURSTROKE OUTBOARD OIL FILTER



35-822626Q15

Replaceable screw-on type canister filters.
Fits Mercury/Mariner V-225 hp. (V-6) FourStroke outboard and also replaces Yamaha 225 hp. four stroke outboard filter 69J-13440-00-00.

OIL DRAIN FUNNEL KIT



91-892866A01

Helps to direct draining crankcase oil past the cavitation plate.
Fits the XL version of the L6 Verado outboard.

OIL CAPACITY CHART - GASOLINE STERNDRIVE/INBOARD ENGINES

The engine oil capacity is only an Approximate, ALWAYS use dipstick to determine exact quantity of oil required.

MerCruiser Gas Engine Oil Capacity

Model	Make	CID/Litre	Cyl.	Year Range	Serial # Range	Approx. Oil Pan Capacity w/ New Filter(1)
MCM 60	Renault	68/1.1L	I/L 4	1965 - 1968	1887079 - 2049044	2-3/4 US qt (2.6 L)
MCM 80	Renault	80/1.3L	I/L 4	1966 - 1969	2049045 - 2851423	5 US qt (4.7 L)
MCM 90	Renault	96/1.6L	I/L 4	1970 - 1972	2851424 - 3226957	5 US qt (4.7 L)
MCM 110/120/ 2.5L	GM	153/2.5L	I/L 4	1963 - 1989	1537370 - 0C853255	4 US qt (3.8 L)
MCM 140/ 3.0L/LX	GM	181/3.0L	I/L 4	1968 - 2023	2508261 and up	4 US qt (3.8 L)
MCM 470/165/170/ 3.7L	Mercury	224/3.7L	I/L 4	1976 - 1989	4208730 and up	5-1/2 US qt (5.2 L)
MCM 485	Mercury	224/3.7L	I/L 4	1980 - 1982	5685394 - 6218036	5-3/4 US qt (5.4 L)
MCM 488/180/190/ 3.7LX	Mercury	224/3.7L	I/L 4	1983 - 1989	6170297 and up	6-1/2 US qt (6.1 L)
MCM 140	GM	194/3.2L	I/L 6	1963	1538930 - 1725960	5 US qt (4.7 L)
MCM 160/165	GM	250/4.1L	I/L 6	1967 - 1981	2048022 - 5813433	5 US qt (4.7 L)
MCM 200	GM	292/4.8L	I/L 6	1969	2453769 - 2712072	6 US qt (5.7 L)
MCM 185 (4 bbl)	GM	229/3.8L	V-6	1983 - 1984	6330183 - 6919655	4-1/2 US qt (4.3 L)
MCM 175/185/205	GM	262/4.3L	V-6	1985 - 1987	0A331455 - 0B773242	4-1/2 US qt (4.3 L)
MCM 262 Mag EFI	GM	262/4.3L	V-6	1996 - 1997	0F803800 - 0K999999	4-1/2 US qt (4.3 L)
MCM 4.3L/LX/LH/LXH	GM	262/4.3L	V-6	1988 - 2001	0B773243 - 0M299999	4-1/2 US qt (4.3 L)
MCM 4.3L EFI	GM	262/4.3L	V-6	1998 - 2001	0L012009 - 0M299999	4-1/2 US qt (4.3 L)
MCM 4.3L & MPI	GM	262/4.3L	V-6	2002 - 2023	0M300000 and up	4 US qt (3.8 L)
MCM 888	Ford	302/4.9L	V-8	1971 - 1977	3108723 - 4887829	6 US qt (5.7 L)
MCM/MIE 225	Ford	302/4.9L	V-8	1973 - 1974	3385721 - 4176999	6 US qt (5.7 L)
MCM/MIE 215	Ford	302/4.9L	V-8	1970 - 1972	2781153 - 3563181	7 US qt (6.6 L)
MCM 190	GM	283/4.6L	V-8	1963 - 1964	1564539 - 1730903	5 US qt (4.7 L)
MCM 228	GM	305/5.0L	V-8	1977 - 1978	4765100 - 5170008	5 US qt (4.7 L)
MCM 200/ 5.0L/898	GM	305/5.0L	V-8	1977 - 1995	4762210 - 0F600999	5 US qt (4.7 L)
MCM 228/230/ 5.0LX	GM	305/5.0L	V-8	1979 - 1995	5170009 - 0F600999	5-1/2 US qt (5.2 L)
MCM 5.0L & EFI	GM	305/5.0L	V-8	1998 - 2002	0L012052 - 0M299999	5-1/2 US qt (5.2 L)
MCM 5.0L & MPI	GM	305/5.0L	V-8	2002 - 2023	0M300000 and up	4-1/2 US qt (4.25 L)
MIE 198/228/230/ 5.0L	GM	305/5.0L	V-8	1977 - 1988	4762210 - 0B788151	6 US qt (5.7 L)
MCM 225	GM	327/5.4L	V-8	1963 - 1966	1539620 - 2278646	5 US qt (4.7 L)

QUICKSILVER 4-STROKE MARINE ENGINE OIL AND OIL FILTERS

Model	Make	CID/Litre	Cyl.	Year Range	Serial # Range	Approx. Oil Pan Capacity w/ New Filter(1)
MCM 225/250	GM	327/5.4L	V-8	1967 - 1969	2278647 - 2694014	7 US qt (6.6 L)
MIE 225/250	GM	327/5.4L	V-8	1968	2278647 - 2694014	6 US qt (5.7 L)
MCM 250/ 255	GM	350/5.7L	V-8	1975 - 1977	4175500 - 4908849	5 US qt (4.7 L)
MCM 260/ 5.7L/LX & EFI	GM	350/5.7L	V-8	1978 - 2002	4908850 - 0M299999	5-1/2 US qt (5.2 L)
MCM 350 Mag, EFI & MPI	GM	350/5.7L	V-8	1986 - 2002	0A635178 - 0M299999	5-1/2 US qt (5.2 L)
MCM 350 Mag & MPI	GM	350/5.7L	V-8	2002 - 2023	0M300000 and up	4-1/2 US qt (4.25 L)
MCM 5.7L	GM	350/5.7L	V-8	2002 - 2023	0M300000 and up	4-1/2 US qt (4.25 L)
MIE 255/260/ 5.7L	GM	350/5.7L	V-8	1975 - 1993	4175500 - 0D839999	6 US qt (5.7 L)
MIE 5.7L & EFI	GM	350/5.7L	V-8	1993 - 1997	0D840000 - 0K999999	4 US qt (3.8 L)
MIE 5.7L/ 350 Mag MPI	GM	350/5.7L	V-8	1998 - 2002	0L002003 - 0M299999	5-1/2 US qt (5.2 L)
MIE 5.7L/ 350 Mag MPI	GM	350/5.7L	V-8	2002 - 2023	0M300000 and up	4-1/2 US qt (4.25 L)
Ski 5.7L	GM	350/5.7L	V-8	1985 - 1989	0A338553 - 0C756666	4 US qt (3.8 L)
Ski 5.7L/ 350 Mag & MPI	GM	350/5.7L	V-8	1990 - 1997	0C756667 - 0K999999	5 US qt (4.7 L)
Ski 5.7L/ 350 Mag MPI	GM	350/5.7L	V-8	1998 - 2002	0L002005 - 0M299999	5-1/2 US qt (5.2 L)
Ski 5.7L/ 350 Mag MPI	GM	350/5.7L	V-8	2002 - 2023	0M300000 and up	4-1/2 US qt (4.25 L)
Black Scorpion Ski (Gen+)	GM	350/5.7L	V-8	1996 - 1997	0F800000 - 0K999999	5 US qt (4.7 L)
Black Scorpion Ski (Gen+)	GM	350/5.7L	V-8	1998 - 2001	0L002500 - 0M391599	5-1/2 US qt (5.2 L)
Black Scorpion Ski (Gen+)	GM	350/5.7L	V-8	2003 - 2023	0M391600 and up	4-1/2 US qt (4.25 L)
MCM 233/255	Ford	351/5.8L	V-8	1973 - 1977	3258728 - 4902304	5 US qt (4.7 L)
MIE 233/255	Ford	351/5.8L	V-8	1973 - 1976	3258728 - 4775784	7 US qt (6.6 L)
MX 6.2L MPI	GM/Mercury	377/6.2L	V-8	2000 - 2002	0L680003 - 0M299999	5-1/2 US qt (5.2 L)
MX 6.2L MPI	GM/Mercury	377/6.2L	V-8	2002 - 2023	0M300000 and up	4-1/2 US qt (4.25 L)
MX 6.2L MPI MIE	GM/Mercury	377/6.2L	V-8	1999 - 2002	0L670000 - 0M299999	5-1/2 US qt (5.2 L)
MX 6.2L MPI MIE & Ski	GM/Mercury	377/6.2L	V-8	2002 - 2023	0M300000 and up	4-1/2 US qt (4.25 L)
MX 6.2L Blk Scorpion Ski	GM/Mercury	377/6.2L	V-8	2001 - 2003	0L670015 - 0M391599	5-1/2 US qt (5.2 L)
MX 6.2L Blk Scorpion Ski	GM/Mercury	377/6.2L	V-8	2003 - 2023	0M391750 and up	4-1/2 US qt (4.25 L)
MCM 325	GM	427/7.0L	V-8	1969 - 1972	2278747 - 3780449	8 US qt (7.6 L)
MIE 325	GM	427/7.0L	V-8	1968 - 1974	2278747 - 3780449	7 US qt (6.6 L)
MCM 330	GM	454/7.4L	V-8	1977 - 1981	4623115 - 6083144	6 US qt (5.7 L)
MCM 330 & 454 Mag Alpha	GM	454/7.4L	V-8	1982 - 1988	6083145 - 0B785148	7 US qt (6.6 L)
MCM 7.4L & 454 Mag	GM	454/7.4L	V-8	1988 - 1991	0B771113 - 0D603117	8 US qt (7.6 L)
MCM 7.4L/LX & 454 Mag, EFI & MPI	GM	454/7.4L	V-8	1992 - 2001	0D603118 - 0M024999	7 US qt (6.6 L)
MIE 330	GM	454/7.4L	V-8	1977 - 1980	4623115 - 5889913	7 US qt (6.6 L)
MIE 340/ 7.4L w/ Borg Warner trans.	GM	454/7.4L	V-8	1981 - 1992	5889914 - 0D715493	7 US qt (6.6 L)
MIE 7.4L w/Hurth trans.	GM	454/7.4L	V-8	1988 - 1992	0C391564 - 0D715493	8 US qt (7.6 L)
MIE 7.4L & 454 Mag MPI	GM	454/7.4L	V-8	1992 - 2001	0D715494 - 0L674613	7 US qt (6.6 L)
Ski 454 Mag EFI & MPI	GM	454/7.4L	V-8	1995 - 1997	0F215800 - 0K999999	7 US qt (6.6 L)
MCM 390	GM	482/7.9L	V-8	1969 - 1970	2781129 - 3042731	8 US qt (7.6 L)
MIE 390	GM	482/7.9L	V-8	1969 - 1970	2781129 - 2825059	7 US qt (6.6 L)
MCM 496 Mag & HO	GM	496/8.1L	V-8	2001 - 2023	0M025000 and up	9 US qt (8.5L)
MIE 8.1S Horizon & HO	GM	496/8.1L	V-8	2001 - 2023	0M026000 and up	9 US qt (8.5L)
MCM 502 Mag	GM	502/8.2L	V-8	1990 - 1992	0C878221 - 0D824588	8 US qt (7.6 L)
MCM 502 Mag, EFI & MPI	GM	502/8.2L	V-8	1992 - 2001	0D824589 - 0M024999	7 US qt (6.6 L)
MCM 8.2 Mag	GM	502/8.2L	V-8	2010 - 2023	1A350340 and up	7 US qt (6.6 L)
MIE 8.2L	GM	502/8.2L	V-8	1990 - 1996	0C878221 - 0F819619	8 US qt (7.6 L)
MIE 8.2L MPI	GM	502/8.2L	V-8	1996 - 2001	0F819620 - 0L674200	7 US qt (6.6 L)

Model	Make	CID/Litre	Cyl.	Year Range	Serial # Range	Approx. Oil Pan Capacity w/ New Filter(1)
MIE 8.2	GM	502/8.2L	V-8	2010 - 2023	1A350802 and up	7 US qt (6.6 L)

(1) Approximate, ALWAYS use dipstick to determine exact quantity of oil required

OIL CAPACITY CHART - HI-PERF GASOLINE ENGINE

The engine oil capacity is only an Approximate, ALWAYS use dipstick to determine exact quantity of oil required.

MerCruiser Hp Gas Engine Oil Capacity

Model	CID/Litre	Cyl.	Year Range	Serial # Range	Approx. Oil System Capacity w/ New Filter (1)
270	350/5.7L	V-8	1969 - 1972	2851074 - 3385720	7 US qt (6.6 L)
270 MIE	350/5.7L	V-8	1969 - 1972	2851074 - 3077735	6 US qt (5.7 L)
280 TRS	350/5.7L	V-8	1975 - 1976	4176250 - 4770199	6-1/2 US qt (6 L)
300 Tempest	350/5.7L	V-8	1985 - 1986	6668677 - 0B430367	6-1/2 US qt (6 L)
320 (EFI)	350/5.7L	V-8	1987 - 1989	0A543604 - 0C622418	6-1/2 US qt (6 L)
377 Scorpion (Sterndrive)	377/6.2L	V-8	2000 - 2023	0L416146 and up	5 US qt (4.7 L)
377 Scorpion Ski	377/6.2L	V-8	1997 - 1998	0K000656 - 0L600314	5 US qt (4.7 L)
370 TRS	454/7.4L	V-8	1978 - 1987	4179554 - 0B714586	6 US qt (5.7 L)
400 TRS (Cyclone)	454/7.4L	V-8	1980 - 1986	4179554 - 0B457644	7 US qt (6.6 L)
420	454/7.4L	V-8	1987 - 1989	0A398941 - 0B622418	6 US qt (5.7 L)
425	454/7.4L	V-8	1990 - 1992	0B622419 - 0D725499	8 US qt (7.6 L)
425 (Gen. V)	454/7.4L	V-8	1992 - 1993	0D725500 - 0D937011	8 US qt (7.6 L)
440 TRS (Cyclone)	454/7.4L	V-8	1983 - 1986	4179554 - 0B485220	7 US qt (6.6 L)
450 (Gen. V)	454/7.4L	V-8	1995 - 1996	0F347100 - 0F347277	8 US qt (7.6 L)
525 SC	454/7.4L	V-8	1991 - 1992	0D456000 - 0D725808	8 US qt (7.6 L)
525 SC (Gen. V)	454/7.4L	V-8	1992 - 1999	0D763746 - 0L415623	8 US qt (7.6 L)
460 TRS (Cyclone)	482/7.9L	V-8	1983 - 1986	4179554 - 6181046	10 US qt (9.4L)
465	502/8.2L	V-8	1990 - 1992	0C849992 - 0D725646	8 US qt (7.6 L)
465 (Gen. V)	502/8.2L	V-8	1992 - 1994	0D725647 - 0F213244	8 US qt (7.6 L)
500 (Gen. V)	502/8.2L	V-8	1994 - 1996	0F213293 - 0F745159	8 US qt (7.6 L)
500 (Gen VI)	502/8.2L	V-8	1997 - 1998	0F745195 - 0L001772	8 US qt (7.6 L)
500 (Gen +)	502/8.2L	V-8	1999	0L414639 - 0L601036	8 US qt (7.6 L)
500 EFI	502/8.2L	V-8	1999 - 2005	0L001477 and up	7 US qt (6.6 L)
575 SCi	502/8.2L	V-8	2001	0L306696 - 0L307026	8 US qt (7.6 L)
575 SCi	502/8.2L	V-8	2000	0L601000 - 0L602090	8 US qt (7.6 L)
575 SCi	502/8.2L	V-8	2001 - 2005	0M050000 - 0M950526	8 US qt (7.6 L)
600 SC	502/8.2L	V-8	1991 - 1992	0D456489 - 0D456768	8 US qt (7.6 L)
600 SC (Gen. V)	502/8.2L	V-8	1992 - 2000	0D725676 and up	8 US qt (7.6 L)
500 Bulldog	540/8.9L	V-8	1990 - 2001	0C577254 - 0M050281	12 US qt (11.3 L)
575	540/8.9L	V-8	1986 - 1992	0A677429 - 0D763716	7 US qt (6.6 L)
800 SC (Gen. V)	572/9.4L	V-8	1993 - 1998	0D763836 and up	9 US qt (8.5L)
900 SC	542/8.9L	V-8	1998 - 2000	0K999856 - 0L602069	11 US qt (10.5 L)
900 SC (Dry Sump)	542/8.9L	V-8	2001 - 2023	0L306805 and up	16 US qt (15.2 L)

(1) Approximate, ALWAYS use dipstick to determine exact quantity of oil required

MERCRUISER OIL FILTERS - GASOLINE

This engineered marine filter provides outstanding durability through a more robust design, heavier gauge materials and a superior paint process inside and out. Designed for a marine environment, this filter provides benefits not found in a standard automotive filter.

OIL FILTER



35-883702Q

Fits MCM V-6 models that have the oil filter mounted on the engine block. Not for use with V-6 engines that have a remote oil filter.

Quicksilver Branded, Box Point of Sale Packaged.

OIL FILTER



35-866340Q03

Fits all MCM/MIE GM engines, except V-6 models that have the oil filter mounted on the engine block. Also fits the 4.5L and 6.2L Mercury engine.

Quicksilver Branded, Box Point of Sale Packaged.

OIL FILTER



35-858004K

High efficiency, High performance synthetic media removes over 97% of oil contaminants versus 78% for conventional paper element filters.

Fits all MCM/MIE GM engines, except V-6 models that have the oil filter mounted on the engine block. Also fits the 4.5L and 6.2L Mercury engine.

Mercury Precision Branded, Box Point of Sale Packaged.

OIL FILTER



35-8M0116379

Fits all MCM/MIE Ford engines

Mercury Precision Branded, Box Point of Sale Packaged.

OIL FILTER



35- 16595Q

Fits 2006 & older MCM Hi-Performance GM V-8 engines.

Quicksilver Branded, Box Point of Sale Packaged.

OIL FILTER



35-881126K01

10 micro, synthetic media

Fits 2007 and newer MCM Hi-Performance GM V-8 engines, except the following SCi engines: 600, 662, & 700 (s/n 0M953905-0M962240) and all 850, 1075 & 1200

Mercury Precision Branded, Box Point of Sale Packaged.

OIL FILTER



35-840634K01

Fits MCM Racing SCi engines.
600, 662, & 700 (s/n 0M953905-0M962240) and all 850, 1075 & 1200

AXIUS HYDRAULIC OIL FILTER



35-**8M0138697**

Axius Power Steering Oil Filter
Fits MCM engines w/ Axius steering

TRANSMISSION OIL FILTER



35-**879312T25**

Fits Scorpion 350 EC w/ ZF 45C transmission

OIL FILTER WRENCH



91-**889277Q01**

Metal wrench, requires a 3/8 in. drive ratchet.
Fits the (877761__) oil filter found on the 75-115 EFI FourStroke outboard (serial number 1B366823-2B094995) and the 150 hp. EFI FourStroke outboard. Also fits the MCM (866340__) oil filter and (802893__) fuel filter found on many MCM engines.
Quicksilver Branded, Clamshell Package Point of Sale Packaged.

QUICKSILVER DIESEL STERNDRIVE/INBOARD OIL

QUICKSILVER DIESEL STERNDRIVE/INBOARD OIL

SKU CHART

Quicksilver Diesel Engine Oil

Part Number	Description	Price/Packaging
92-8M0096794	4 L (1.06 gal) plastic bottles	Priced individually, sold @ 3 bottles / case.
92-8M0096795	208 L (55 gal.) drum	
92-8M0089690	1 L (33.8 oz. plastic bottles	Priced individually, sold @ 6 bottles / case.
92-8M0089691	4 L (1.06 gal) plastic bottles	Priced individually, sold @ 3 bottles / case.
92-8M0089692	208 L (55 gal) drum	

SAE 5W30

Optimizes engine performance in marine applications because this stable, stay-in-grade formula resists thermal breakdown and oxidation under extreme conditions. Use of this oil will:
• Protect anti-pollution systems
• Increase the life of diesel particulate filters (DPF)
• Provide outstanding wear and corrosion protection which help extend engine life

Meets international ACEA C3 specifications
Meets OEM approvals for:
• Volkswagen® VW 501.00/507.00
• BMW® LL-04
• Mercedes-Benz® MB-Approval 229.51
• Porsche® C30

For use in Turbocharged Direct Injection (TDI) engines

5W30 FULL SYNTHETIC TDI ENGINE OIL



92-8M0089690

For use in Mercury 3.0L and 4.2L TDI diesel engines. Also used in Mercury 3.0L V6 VM diesel engines
1L (33.8 oz) plastic bottle

5W30 FULL SYNTHETIC TDI ENGINE OIL



92-8M0089691

For use in Mercury 3.0L and 4.2L TDI diesel engines. Also used in Mercury 3.0L V6 VM diesel engines
4 L (1.06 gal) plastic bottle

5W30 FULL SYNTHETIC TDI ENGINE OIL



92-8M0089692

For use in Mercury 3.0L and 4.2L TDI diesel engines. Also used in Mercury 3.0L V6 VM diesel engines
208 L (55 gal) drum

SAE 15W40

Protects better than standard fleet oils. Use of this oil will:
• Provide outstanding wear and corrosion protection which help extend engine life
• Control soot, deposits and oil thickening
• Prevent sludge and varnish deposits

Meets or exceeds API CH-4/CF-4/SJ

Meets or exceeds OEM approvals for:
• Mercury® non-TDI diesel applications
• Volvo® VDS®
• Caterpillar® CD/TO-2
• Cummins®
• Detroit Diesel®
• And other diesel engines

15W40 DIESEL ENGINE OIL



92-8M0096794

Superior performance in marine diesel applications.
Not recommended for use in Mercury TDI or 3.0L V6 VM diesel applications
4 L plastic bottle

15W40 DIESEL ENGINE OIL



92-8M0096795

Superior performance in marine diesel applications.
Not recommended for use in Mercury TDI or 3.0L V6 VM diesel applications
208 L drum

OIL CAPACITY CHART - DIESEL ENGINE

The engine oil capacity is only an Approximate, ALWAYS use dipstick to determine exact quantity of oil required.

MerCruiser Diesel Engine Oil Capacity

Model	CID/Litre	Cyl.	Year Range	Serial # Range	Approx. Oil Pan Capacity w/ New Filter
D1.7L DTI (Alpha)	103/1.7L	I/L 4	2001 - 2023	0M055000 and up	4.75 US qt (4.5 L)
SDI 40/50/60	116/1.9L	I/L 4	2003 - 2012	All - All	4.75 US qt (4.5 L)
TDI 45/75	116/1.9L	I/L 4	2003 - 2012	All - All	4.75 US qt (4.5 L)
QSD 2.0L 115/130/150/170	2.0L	I/L4	All	All - All	5.5 US qt (5.2L)
SDI 55/75	153/2.5L	I/L 5	2002 - 2023	All - All	6.34 US qt (6 L)
TDI 100/120/140/150/165	153/2.5L	I/L 5	2002 - 2023	All - All	6.34 US qt (6 L)
D2.8L D-Tronic (Bravo & MIE)	169/2.8L	I/L 4	1997 - 2023	0K144109 and up	8.45 US qt (8 L)
TDI 100/225/230/260/265	181/3.0L	V-6	2006 - 2023	All - All	8.45 US qt (8 L)
D183 Turbo AC (Bravo & MIE)	183/3.0L	I/L 5	1990 - 1993	0B993002 - 0D725151	9.5 US qt (9 L)
530 D-TA (Bravo & MIE)	183/3.0L	I/L 5	1989 - 1993	0B993002 - 0D725151	9.5 US qt (9 L)
D3.0L (Bravo & MIE)	183/3.0L	I/L 5	1994 - 1997	0D725152 and up	9.5 US qt (9 L)
3.0L VM - 150/230/270	183/3.0L	V-6	2018 - 2023	70380001 and up	9 US qt (8.5 L)
D219 Turbo AC (Bravo & MIE)	219/3.6L	I/L 6	1990 - 1993	0B993002 - 0D850127	10.56 US qt (10 L)
636 D-TA (Bravo & MIE)	219/3.6L	I/L 6	1989 - 1993	0B993002 - 0D850127	10.56 US qt (10 L)
D3.6L (Bravo & MIE)	219/3.6L	I/L 6	1994 - 1997	0D850128 and up	10.56 US qt (10 L)
D3.6L W (Bravo)(MCM)(Intl.)	219/3.6L	I/L 6	1997	0K000001 and up	10.56 US qt (10 L)
TDI 335/350/370	254/4.2L	V-8	2009 - 2023	All - All	10 US qt (9.5 L)
D254 Turbo AC (Bravo & MIE)	254/4.2L	I/L 6	1990 - 1993	0C849461 - 0D554731	12.68 US qt (12 L)
D4.2L (Bravo & MIE)	254/4.2L	I/L 6	1994 - 1997	0D554732 and up	12.68 US qt (12 L)
D4.2L D-Tronic (Bravo & MIE)	254/4.2L	I/L 6	1997 - 2023	0K144114 and up	12.68 US qt (12 L)
D4.2L LD	254/4.2L	I/L6	1999 - 2023	0L344381 and up	12.68 US qt (12 L)
7.3L (Bravo & MIE)	444/7.3L	V-8	1994 - 1996	0F060000 and up	12 US qt (11.3 L)
D7.3L D-Tronic	444/7.3L	V-8	1996 - 2001	0K095775 and up	16-1/2 US qt (15.6 L)

(1) Approximate, ALWAYS use dipstick to determine exact quantity of oil required

OIL FILTERS FOR MERCRUISER DIESEL ENGINES

OIL FILTER ELEMENT



35-**8M0150917**

Fits 1.7L MS 120 diesel.

OIL FILTER ELEMENT



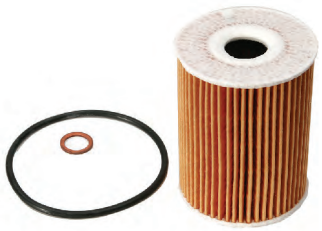
35-**895207**

3.25 in. (83 mm) diameter

Fits CMD diesel engines D2.8L (170 & 200) (s/n 88010001 and up). Also fits QSD 2.0 (early version), 2.8 & 4.2 engines

QUICKSILVER DIESEL STERNDRIVE/INBOARD OIL

OIL FILTER ELEMENT



35-**879312041**

2.625 in. (67 mm) diameter

Fits 2008 & newer QSD 2.0 engines.
MCM ES 130 (s/n 88206399 and up)
MCM ES 150 (s/n 88221799 and up)
MCM ES 170 (s/n 88231000 and up)
MIE EI 115 (s/n 88200499 and up)
MIE EI 130 (s/n 88205099 and up)
MIE EI 150 (s/n 88220299 and up)
MIE EI 170 (s/n 88230000 and up)

OIL FILTER



35- **19485**

Fits diesel engines D2.8L E models (s/n 88010000 and below), D3.0L (s/n 0D725460 and up), D3.6L (s/n 0F306930 and up), D4.2L (s/n 0F450250 and up), D4.2L E models, D183, D219, 530D-TA & 636D-TA.

OIL FILTER



35-**816168**

Fits diesel engines D3.0L (s/n 0D725152-0D725459), D3.6L (s/n 0D850128-0F306929) & D4.2L (s/n 0D554732-0F450249).

OIL FILTER



35-**8M0183282**

Element

Fits 3.0L V6 VM Diesel engine

OIL FILTER



35-**8M0066483**

Element

Fits 3.0L V6 & 4.2L V8 TDI diesel engine

OIL FILTER



35-**805809T**

5.5 in. (139.7 mm) length

Fits D7.3L diesel engines

OIL FILTER



35-**862889**

7.5 in (190.5 mm) long

Fits MCM D7.3L D-tronic diesel engines (s/n 0L050050-0L391832)

QUICKSILVER POWERSPORTS LUBRICANTS

PERSONAL WATERCRAFT (PWC)

Quicksilver Full Synthetic 2-Stroke Personal Watercraft Oil meets the needs of all 2-Stroke PWC and sport boat engines. This low smoke/low odor formula keeps your engine cleaner. Continued use of this oil will:
• Provide outstanding wear and corrosion protection which helps extend engine life
• Minimize performance-robbing carbon deposits
• Maintain peak engine performance and reliability

Meets or exceeds manufacturers' warranty requirements. Using this product will not void manufacturer warranties.

Exceeds JASO FD and ISO EGD

Recommended for use in all 2-Stroke personal watercraft engines. Can be used in oil-injected or pre-mix applications.

2-STROKE FULL SYNTHETIC PWC OIL



92-**8M0133977**
946 mL (32 Fl Oz) plastic bottle

2-STROKE FULL SYNTHETIC PWC OIL



92-**8M0133979**
3.78 L (1 US Gal) plastic bottle

QUICKSILVER CORROSION PROTECTION

CORROSION GUARD



92-**8M0184794**

Corrosion Guard is a rust inhibitor that forms an insulating, waxy film for long-term corrosion protection on non-painted and painted surfaces. The water resistant barrier seals out air, salt and moisture for maximum protection.

Use to prevent rust from forming on out drives, lower units and power trim motors and components or other metal surfaces. Can also be used to prevent further paint damage in areas where undercutting and blistering have occurred. Do not spray on surfaces coated with antifouling or biocide paint. Do no spray on drive belts.

312 g spray can

STORAGE SEAL FOGGING OIL



92-**8M0215162**

Quicksilver Storage Seal forms a protective barrier that prevents rust on internal metal surfaces. It also keeps cylinders lubricated to prevent cylinder or piston damage when starting your engine after storage.

Use in all 2- and 4-cycle carbureted and fuel-injected gasoline engines including cars, trucks, motorcycles, ATVs, snowmobiles, marine engines, lawn mowers, chain saws, string trimmers and snow blowers.
Safe for catalyzed engines.

400 mL spray can

STORAGE SEAL FOGGING OIL



92-**8M0133941**

3.78 L (1 US gal) plastic bottle

QUICKSILVER ENGINE COOLANT AND WATER SYSTEM ANTIFREEZE

MARINE ENGINE COOLANT



92-**8M0117687**

Additives provide protection against corrosion and scale buildup. Premixed formula with low silicate content prevents silicate gelling. Protects down to -33 deg.F (-38 deg.C).

For MCM/MIE gas and diesel engines with closed cooling systems.

4 L (1.057 US gal) plastic bottle

EXTENDED LIFE COOLANT/ANTIFREEZE



92-**8M0133963**

Provides extended life protection for closed cooling systems. This 5 year, 1000 hour protection is ethylene glycol based and pre-diluted 50/50 with de-ionized water. It is silicate and phosphate free and will not cause gelling. Provides freeze protection down to -34 deg. F and boiling protection to 265 deg. F. It is also compatible with conventional anti-freeze, but dilution will reduce extended life benefits.

Meets ASTM D-3306, ATSM D-4340

For use in all MCM/MIE gasoline engines with closed cooling systems.
Also recommended for the following applications:

- ANFOR R 15-601
- BS 6580 (British standard)
- Chrysler® MS7170
- Chrysler® MS9769
- Ford® ESE-M97B44-A
- Ford® WSS-M97B44-D
- Ford® WSS-M97B51-A1
- FVV HEFT R443 (Germany)
- GM® 1825M
- GM® 6277M (DEX-COOL® specification)
- JASO M325 (Japan)
- JIS K 2234 (Japan)
- SAE J1034
- Mercedes Benz® DBL 7700

3.78 L (1 US gal) plastic bottle

LONG LIFE COOLANT/ANTIFREEZE



92-**8M0134003**

Long Life Coolant/Antifreeze Premixed 50/50.

Pre-diluted anti-freeze - Do not add water. Provides extended life protection for closed cooling systems. It is silicate and phosphate free and will not cause gelling. It is also compatible with conventional antifreeze.

Meets or Exceeds G12++ Performance Requirements
Meets ASTM D-3306, ATSM D-4340

Recommended for the following applications:

- ANFOR R 15-601
- BS 6580 (British standard)
- Chrysler® MS7170
- Chrysler® MS9769
- Ford® ESE-M97B44-A
- Ford® WSS-M97B44-D
- Ford® WSS-M97B51-A1
- FVV HEFT R443 (Germany)
- GM® 1825M
- GM® 6277M (DEX-COOL® specification)
- JASO M325 (Japan)
- JIS K 2234 (Japan)
- SAE J1034
- Mercedes Benz® DBL 7700
- VW® TL774-D
- VW® TL774-F
- VW® TL774-G

3.78L (1 Gallon) plastic bottle

QUICKSILVER FUEL SYSTEM CARE AND MAINTENANCE

FUEL TREATMENT

Quickare is a fuel treatment that can be used at every fill-up to:
• Maximize engine performance with all grades of gasoline
• Help control corrosion, gum and varnish build-up and phase separation associated with ethanol-blended fuel
• Help control moisture and corrosion problems associated with non-ethanol-blended fuel
• Clean up existing varnish and gum deposits from fuel lines, tanks, carburetors and injectors, intake valves and spark plugs
• Keep fuel fresh between fill-ups - up to 3 months

20 ml treats 25 liters of fuel
Use in all 2- and 4-cycle carbureted and fuel-injected gasoline engines including cars, trucks, motorcycles, ATVs, snowmobiles, marine engines, lawn mowers, chain saws, string trimmers and snow blowers.
Safe for catalyzed engines.

QUICKARE FUEL TREATMENT



92-**8M0079743**

20 ml treats 25 liters of fuel - 355 ml bottle treats 454 liters of fuel
355 mL (12 oz) plastic bottle

ENGINE AND FUEL SYSTEM CLEANER

Quickleen should be used throughout the boating season to:
• Quickly and thoroughly remove carbon deposits from carburetors and injectors, intake valves, spark plugs, piston crowns and cylinder heads
• Prevent engine knocking and piston seize-up
• Extend spark plug life
40 ml treats 25 liters of fuel

Note: This product does not contain fuel stabilizers. use Quickare to prevent fuel breakdown and oxidation.

Use in all 2- and 4-cycle carbureted and fuel-injected gasoline engines including cars, trucks, motorcycles, ATVs, snowmobiles, marine engines, lawn mowers, chain saws, string trimmers and snow blowers.
Safe for catalyzed engines.

QUICKLEEN ENGINE & FUEL SYSTEM CLEANER



92-**8M0079744**

40 ml treats 25 liters of fuel - 355 ml treats 227 liters of fuel
355 mL (12 oz.) plastic bottle

POWER TUNE INTERNAL ENGINE CLEANER



92-**8M0121969**

Quicksilver Power Tune© is recommended to assist in restoring lost power due to carbon, gum and varnish deposits that accumulate in the combustion chambers of gasoline engines. These deposits are the result of normal engine use, low temperature operation and the use of some fuels. Removing these deposits helps improve fuel/air flow and overall engine performance.

Use in all 2- and 4-cycle carbureted and fuel-injected gasoline engines including cars, trucks, motorcycles, ATVs, snowmobiles, marine engines, lawn mowers, chain saws, string trimmers and snow blowers.
Safe for catalyzed engines.

340 g (12 oz) spray can

FUEL STABILIZER

Add Quickstor Fuel System Treatment & Stabilizer to fuel before long-term boat storage to:
• Prevent regular and ethanol-blended fuel from breaking down and oxidizing
• Stabilize fuel for up to a year
• Prevent fuel system corrosion
• Prevent gum and varnish from forming in the fuel and settling in fuel lines and tanks, carburetors and injectors
• Keep injectors and carburetors lubricated

1 ounce treats 5 gallons - 12 ounce bottle treats 60 gallons

Use in all 2- and 4-cycle carbureted and fuel-injected gasoline engines including cars, trucks, motorcycles, ATVs, snowmobiles, marine engines, lawn mowers, chain saws, string trimmers and snow blowers.
Safe for catalyzed engines.

QUICKSTOR FUEL STABILIZER



92-**8M0079745**

40 ml treats 25 liters of fuel - 355 ml bottle treats 227 liters of fuel
355 mL (12 oz.) plastic bottle

WATER ELIMINATOR



67-808887Q

Contains a drying agent commonly used to keep small, sealed containers dry. It absorbs water that has collected in the fuel tank.
How to use: Attach to the inside fuel cap with the lanyard (included). Adjust the lanyard so the Water Eliminator sits at the bottom of the fuel tank. Replace as needed.
For use in all octane grades of gasoline, including ethanol blended. Not recommended for diesel fuel.

For use in all 2-cycle and 4-cycle gasoline outboard, sterndrive, inboard and jet drive marine engines.

Priced individually, sold @ multiples of 6

Quicksilver Branded, Point of Sale Packaged.

ALCOHOL TESTER



91-879172T28

Test Tube used to find the ethanol/alcohol percentage in gasoline.

Directions:
Step 1: Add water to the water line.
Step 2: Add gasoline to the gasoline line.
Step 3: Replace cap and shake vigorously
Step 4: Stand vial vertically with cap upright for 10 minutes.
Step 5: Locate the gasoline/water separation line and read scale. The separation line will indicate the percentage of alcohol, if present.

QUICKSILVER GEARCASE LUBRICANT

Quicksilver outperforms automotive gear oil in marine applications because of its specialized additive package designed for marine gear cases. Continued use of this gear case lubricant will:
• Provide maximum protection against excessive wear—even in the presence of water
• Prevent corrosion and pitting
• Help extend gear life

SKU CHART

Quicksilver Gearcase Lubricant SKU Chart

Item Number	Qty per Case	Container Size	Pallet Qty	Btl Length (in)	Btl Depth (in)	Btl Height (in)	Btl Weight (lb)	Case Length (in)	Case Width (in)	Case Height (in)	Case Weight (lb)	Pallet Weight (lb)
SAE 80W90 PREMIUM GEAR LUBE FOR OUTBOARDS & JET PUMPS BELOW 75HP												
92-8M0121963	12	237 ML (8 FL OZ) TUBE										
92-858058QB1	6	QUART	468	4.2	2.375	9.25	2.083	8.9	7.7	10.1	12.5	1040
92-858059QB1	2	2.5 GAL.	72	9.1	6.8	14.5	20	9.78	14.5	14.5	40	1490
92-858007Q01	1	5 GAL.	36	12	12	14.75	39	12	12	14.75	39	1454
92-858061QB1	1	16 GAL.	9	14.25	14.25	27	136	14.25	14.25	27	136	1274
92-858062QB1	1	55 GAL.	4	23	23	34	434	23	23	34	434	1786
SAE 90 HIGH PERFORMANCE GEAR LUBE FOR OUTBOARDS, JET PUMPS & SPORT JETS ABOVE 75HP AND ALL STERNDRIVES												
92-8M0121960	12	237 ML (8 FL OZ) TUBE										
92-858064QB1	6	QUART	468	4.2	2.375	9.25	2.083	8.9	7.7	10.1	12.5	1040
92-858065QB1	2	2.5 GAL.	72	9.1	6.8	14.5	20	9.78	14.5	14.5	40	1490
92-858008Q01	1	5 GAL.	36	12	12	14.75	39	12	12	14.75	39	1454
92-858067QB1	1	16 GAL.	9	14.25	14.25	27	136	14.25	14.25	27	136	1274
92-858068QB1	1	55 GAL.	4	23	23	34	434	23	23	34	434	1786

PREMIUM GEAR LUBE - SAE 80W90

Quicksilver Premium Gear Lube is recommended in lower units for outboards below 75HP.

SAE 80W90 GEAR LUBE



92-8M0121963
237 ml (8 fl oz) tube

SAE 80W90 GEAR LUBE



92-858058QB1
For use in all outboard lower units and jet pumps below 75 hp.
1 L plastic bottle

80W90 GEAR LUBE



92-858059QB1
10 L plastic bottle

SAE 80W90 GEAR LUBE



92-**858061QB1**
60 L drum

SAE 80W90 GEAR LUBE



92-**858062QB1**
208 L drum

PREMIUM GEAR LUBE CAPACITY CHART

This gearlube capacity chart is limited to recent models and has been developed to aid in determining how much gearlube to have on hand when servicing a particular gearhousing. Changing and servicing of gearlube should always be performed in accordance with techniques and procedures as outlined in the appropriate service or owner manuals. The quantities shown here are to be regarded as reference only. Any variation from the quantities shown may indicate an incorrect model selection, the wrong service technique or a more serious problem. Contact your local dealer prior to running if this should occur.

For outboards less than 75 hp

Mercury or Quicksilver SAE 80W90 Premium Gear Lube is recommended

Brand	Model	Cycle	Model Description	Oz.	mL.
Mercury/Mariner	2.2, 2.5, 3.3	2 cycle		4.5	135
Mercury/Mariner	4, 5	2 cycle		6.8	200
Mercury/Mariner	6, 8, 9.9, 15	2 cycle		6.8	200
Mercury/Mariner	20, 25	2 cycle		8.8	260
Mercury/Mariner	30, 40	2 cycle	2 cylinder	14.9	440
Mercury/Mariner	40, 50	2 cycle	3 cylinder, std. Gearcase	14.9	440
Mercury/Mariner	60	2 cycle	Big Foot	22.5	665
Force	5	2 cycle		4.0	120
Force	9.9, 15	2 cycle		6.8	200
Force	25	2 cycle		8.8	260
Force	40, 50	2 cycle		14.9	440
Mercury/Mariner	2.5, 3.5	FourStroke		6.1	180
Mercury/Mariner	4, 5	FourStroke		6.8	200
Mercury/Mariner	8/9.9	FourStroke	MY 2004 & prior Standard gearcase	6.8	200
Mercury/Mariner	8/9.9	FourStroke	MY 2005 & newer Standard gearcase	10.8	320
Mercury/Mariner	9.9	FourStroke	MY 2004 & prior BigFoot	8.8	260
Mercury/Mariner	9.9	FourStroke	MY 2005 & newer BigFoot	12.5	370
Mercury/Mariner	15 (323cc)	FourStroke	Standard Gearcase	6.8	200
Mercury/Mariner	15 (323cc)	FourStroke	Big Foot	8.8	260
Mercury/Mariner	15 (351cc)	FourStroke		12.5	370
Mercury/Mariner	15 EFI	FourStroke	EFI	15.6	460
Mercury/Mariner	20 (351cc)	FourStroke		12.5	370
Mercury/Mariner	20 EFI	c)FourStroke	EFI	15.6	460
Mercury/Mariner	25	FourStroke	Big Foot, Carb	14.9	440
Mercury/Mariner	25	FourStroke	EFI	11.8	350
Mercury/Mariner	30	FourStroke	MY 2005 & prior Standard gearcase	14.9	440
Mercury/Mariner	30	FourStroke	MY 2006 & newer EFI	11.8	350
Mercury/Mariner	30	FourStroke	MY 2005 & prior Big Foot	22.5	665
Mercury/Mariner	40	FourStroke	3 cylinder, std. Gearcase	14.9	440
Mercury/Mariner	40	FourStroke	3 cylinder, Big Foot	22.5	665
Mercury/Mariner	40, 45, 50	FourStroke	4 cylinder, 935 cc, std. Gearcase	14.9	440
Mercury/Mariner	40, 45, 50	FourStroke	4 cylinder, 935 cc, Big Foot	22.5	655
Mercury/Mariner	40	FourStroke	4 cylinder, 996 cc, Big Foot	24.0	710
Mercury/Mariner	50, 60	FourStroke	4 cylinder, 996 cc, std. Gearcase	11.5	340
Mercury/Mariner	50, 60	FourStroke	4 cylinder, 996 cc, Big Foot	24.0	710

HIGH PERFORMANCE GEAR LUBE - SAE 90

Quicksilver High Performance Gear Lube is recommended for use in marine gear cases with marine engines above 75HP.

SAE 90 GEAR LUBE



92-**8M0121960**
237 ml (8 fl oz) tube

SAE 90 GEAR LUBE



92-**858064QB1**
1 L (33.8 fl oz) plastic bottle

SAE 90 GEAR LUBE QUART & GEAR LUBE PUMP



91-8M0050053

Gear lube pump and a one liter of Hi Performance gear lube conveniently packaged together. Use the pump to replace your gear case oil with ease. Fits all quart and liter bottles.

Gear lube pump: Fits all MerCruiser sterndrives and Mercury/Mariner outboards (except models of Japanese origin) with a .375 in-16 drain/fill screw. Adapter available

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

SAE 90 GEAR LUBE



92-858065QB1

10 L (2.64 gal) plastic bottle

SAE 90 GEAR LUBE



92-858067QB1

60 L drum

SAE 90 GEAR LUBE



92-858068QB1

208 L drum

HIGH PERFORMANCE GEAR LUBE CAPACITY CHART

This gear lube capacity chart is limited to recent models and has been developed to aid in determining how much gearlube to have on hand when servicing a particular gearhousing. Changing and servicing of gearlube should always be performed in accordance with techniques and procedures as outlined in the appropriate service or owner manuals. The quantities shown here are to be regarded as reference only. Any variation from the quantities shown may indicate an incorrect model selection, the wrong service technique or a more serious problem. Contact your local dealer prior to running if this should occur.

For outboards 75 hp and up and all sterndrives

Mercury or Quicksilver SAE 90 High Performance Gear Lube is recommended

Brand	Model	Cycle	Model Description	Oz.	mL.
Mercury/Mariner	75, 90	2 cycle	3 cylinder	22.5	665
Mercury/Mariner	100, 115, 125	2 cycle	4 cylinder	22.5	665
Mercury/Mariner	115	2 cycle	3 cylinder Optimax	22.5	665
Mercury/Mariner	135, 150	2 cycle	2.0L	22.5	665
Mercury/Mariner	150, 175, 200	2 cycle	2.5L Carb/EFI/Optimax	22.5	665
Mercury/Mariner	200, 225, 250	2 cycle	3.0L Carb/EFI/Optimax	27.0	798
Force	75	2 cycle		12.0	355
Force	90, 120	2 cycle		22.5	655
Mercury/Mariner	75-90	FourStroke	S/N 1B366822 & below	22.5	665
Mercury/Mariner	75-90	FourStroke	S/N 1B366823 & above	24.0	710
Mercury/Mariner	115	FourStroke		24.0	710
Mercury/Mariner	135/150/175	FourStroke	Verado (RH rotation)	32.8	970
Mercury/Mariner	150 EFI	FourStroke	RH rotation	26.4	780
Mercury/Mariner	200	FourStroke	Verado (RH rotation)	32.8	970
Mercury/Mariner	225 EFI	FourStroke	Standard gearcase	39.0	1.15L
Mercury/Mariner	225/250/275/300	FourStroke	Verado (RH rotation)		
			4.8 Diameter	32.8	970
			5.44 Dia. Sportmaster	20.9	620
			5.44 Dia. HD	17.2	510
			5.44 non-HD	28.7	850
MerCruiser	Alpha One Gen II	4 cycle	without Gear lube Monitor	1.22 US Quarts	1.16L
MerCruiser	Alpha One Gen II	4 cycle	with Round Gear lube Monitor	2.0 US Quarts	1.9L
MerCruiser	Alpha One Gen II	4 cycle	with Rectangular Gear lube Monitor	1.75 US Quarts	1.66L
MerCruiser	Bravo One	4 cycle	without Gear lube Monitor	2.0 US Quarts	1.9L
MerCruiser	Bravo One	4 cycle	with Round Gear lube Monitor	3.25 US Quarts	3.07L
MerCruiser	Bravo One	4 cycle	with Rectangular Gear lube Monitor	2.75 US Quarts	2.6L
MerCruiser	Bravo Two	4 cycle	without Gear lube Monitor	2.5 US Quarts	2.4L
MerCruiser	Bravo Two	4 cycle	with Round Gear lube Monitor	3.75 US Quarts	3.55L
MerCruiser	Bravo Two	4 cycle	with Rectangular Gear lube Monitor	3.25 US Quarts	3.07L
MerCruiser	Bravo Three	4 cycle	without Gear lube Monitor	2.0 US Quarts	1.9L
MerCruiser	Bravo Three	4 cycle	with Rectangular Gear lube Monitor	3.0 US Quarts	2.84L

Brand	Model	Cycle	Model Description	Oz.	mL.
MerCruiser	Blackhawk	4 cycle	without Gear lube Monitor	1.75 US Quarts	1.66L
MerCruiser	Blackhawk	4 cycle	with Rectangular Gear lube Monitor	2.25 US Quarts	2.1L

QUICKSILVER GEARCASE LUBRICANT ACCESSORIES

GEAR LUBE PUMP



91-8M0072133

Easily replace your lower unit oil with this pump. Fits all quart and liter bottles.

Fits any outboard or stern drive with a 3/8"-16 drain plug. Use adapter (included) for gear cases with an M8x1.25 drain plug.

Priced individually, sold @ multiples of 6

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

GEAR LUBE PUMP



91-850730Q 1

For all 2-1/2 US gal (10 L) plastic oil bottles. May be used with any outboard which uses a 3/8"-16 drain/fill screw.

Fits all MerCruiser sterndrives and Mercury/Mariner Outboards except those models of Japanese origin.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

GEAR LUBE PUMP ADAPTER



91-883704Q03

Adapts our 3/8-16 threaded quart, liter and 2-1/2 gallon gearlube pumps for filling the gearcase.

Fits Mercury/Mariner 4/5 HP (1987 and newer), 4/5/6 HP FourStroke, 225 EFI FourStroke, MY2005 & newer 8/9.9 HP FourStroke, MY2006 & newer 25/30 EFI FourStroke, the 15/20 HP FourStroke (351cc), all Mercury/Mariner outboards of Japanese origin and all Nissan/Yamaha/Tohatsu/Honda outboards with an 8x1.25 metric threaded gear lube fill hole.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

DRAIN SCREW GASKET

Image not Available.

26-8M0183616

Keep spares on hand to assure placement after changing gear lube in gearcase.

Used with the 3/8-16 drain/fill screw found on all MerCruiser and most Mercury/Mariner outboard gearcases except those of Japanese origin.

2 p,

GEARCASE DRAIN SCREW



22-8M0058389

Magnetic screw with premium drain screw seal.

Fits Mercury MerCruiser I, R, MR, Alpha One, TR, TRS, and all outboards with Magnetic gear lube fill or vent 3/8-16 UNC threaded screws.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

GEARCASE DRAIN SCREW



10- 79953Q04

For use on MerCruiser I, R, MR, Alpha One, TR, TRS and all outboards with 3/8-16 non-magnetic gear lube fill or vent screws.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

QUICKSILVER GREASES

Quicksilver Grease Product Line Simplified

Quicksilver greases have gone through a makeover. The product line has been simplified to eliminate confusion about which grease to use in what application. The line has been reduced from six types of grease to three. Below is a summary of the consolidation:

2-4-C Marine Grease – No change
Needle Bearing Assembly Grease – Now called Assembly Grease. The formula has not changed but the packaging has. Instead of 8 oz tubes, the product now comes in 1lb tubs.
Special 101 – Replaced by 2-4-C Marine Grease
U-Joint and Gimbal Bearing Lubricant – Replaced by Extreme Grease
Anti-Corrosion Grease - Replaced by Extreme Grease
Engine Coupler/Spline Grease - Replaced by Extreme Grease

MARINE GREASE

Quicksilver 2-4-C Marine Grease with PTFE is a high quality, extremely versatile lithium-based, NLGI 2 grease that won't break down when mixed with water. It also has:
• Excellent resistance to oxidation and degradation
• Extreme pressure additives to withstand friction in a wide variety of operations and temperatures
Replaces Quicksilver Special 101 Lubricant part number 92-802865Q02

For use in the following marine applications:
• Steering systems/cable linkages
• Throttle and shift cables and linkages
• Remote controls
• Prop shafts
• Swivel pins
• Tilt lock mechanisms/tilt tube
• Hinge pins
• Boat trailer wheel bearings

2-4-C MARINE LUBRICANT



92-**8M0208464**
85 g (3 oz) tube

2-4-C MARINE LUBRICANT & CARTRIDGE GUN



92-**8M0213123**
Cartridge gun and one 3 oz.(85 g) cartridge.

2-4-C MARINE LUBRICANT



92-**8M0208465**
2-4C grease with Teflon
227 g (8 oz) tube

2-4-C MARINE LUBRICANT



92-**8M0208463**
Fits standard 14 oz grease guns
397 g (14 oz) cartridge

MULTI-PURPOSE GREASE

Quicksilver Extreme Grease is a formulated for high-temperature and high-load applications.
• Calcium sulfonate-based NLGI 2 grease
• Meets GC-LB requirements
• Excellent rust and corrosion protection
• Formulated for high-temperature and high load applications
• 100% compatible with lithium-based greases

Replaces:
• Quicksilver Engine Coupler Spline Grease part number 92-802869Q1
• Quicksilver U-Joint & Gimbal Bearing Lubricant part numbers 92-802870Q1 and 92-802871Q1
• Quicksilver Anti-Corrosion Grease part number 92-802867Q1

For use in the following applications for automobiles, light trucks, campers, marine engines, utility trailers, ATV/UTVs, motorcycles and snowmobiles:
• Steering systems/cable linkages
• Throttle and shift cables and linkages
• Drive shaft splines
• Gimbal bearings
• U-Joints
• Suspension systems
• Chassis
• Ball joints
• Disc brakes and ABS applications
• Trailer wheel bearings

See the Non-Marine Application Grease Chart for more information.

EXTREME GREASE



92-8M0208805
85 g (3 oz) 3-pack cartridges

EXTREME GREASE



92-8M0208806
For use in the following applications:
*Steering systems/cable linkages and linkages
*Drive shaft splines
*Gimbal bearings
*U-joints
*Suspension systems
*Chassis
*Ball joints
*disc brakes and ABS applications
*Trailer wheel bearings
227 g (8 oz) tube

EXTREME GREASE



92-8M0208462
Formulated for high-temperature and high-load applications
397 g (14 oz) cartridge

ENGINE ASSEMBLY GREASE

ASSEMBLY GREASE



92-8M0133985
Use to protect newly repaired or rebuilt engines. Will not contaminate engine lubricants and dissolves completely after initial engine startup.

Recommended for engine components that are susceptible to wear at startup such as:
* Bearings
* Camshaft lobes
* Lifters
* Rocker arms
* Wrist pins

For use in the assembly and repair of two and four stroke engines.
454 g (16 oz)

GREASE APPLICATION CHARTS

Marine Application Grease Chart

This chart is a general maintenance guide for applying either 2-4-C Marine Grease or Extreme Grease in marine applications. Maintenance schedules for specific models are included in each engine owner's manual and should be followed as such.

	Outboards	Sterndrives	Freshwater Lubrication Intervals	Saltwater Lubrication Intervals
Steering systems/ cable, linkages	2-4-C	2-4-C	100 hrs./ at least once a year	50 hrs./at least once a year
Throttle and shift cables and linkages	2-4-C	2-4-C	100 hrs.	50 hrs.
Remote controls	2-4-C	2-4-C	100 hrs./or once a year	50 hrs./or once a year
Prop shaft	2-4-C	2-4-C	100 hrs./120 days	50 hrs./60 days
Swivel pins	2-4-C	2-4-C	100 hrs./120 days	50 hrs./60 days
Tilt lock mechanism/tilt tube	2-4-C		100 days	50 days
Hinge pins		2-4-C	100 hrs./or once a year	50 hrs./or once a year

	Outboards	Sterndrives	Freshwater Lubrication Intervals	Saltwater Lubrication Intervals
Drive shaft splines (engine couplers)	Extreme	Extreme	100 hrs./or once a year	50 hrs./or once a year
Gimbal bearings		Extreme	100 hrs./or once a year	50 hrs./or once a year
U-Joint (1)		Extreme	100 hrs./or once a year	50 hrs./or once a year
(1) 1993 and newer Alpha One models have a Perma-lube U-joint which requires no lubrication.				

Non-Marine Application Grease Chart

This chart is a general maintenance guide for applying Extreme Grease in non-marine applications. Maintenance schedules for specific equipment and models are included in your owner's manual and should be followed as such.

Application	ATV/UTV/Motorcycle	Snowmobile	Auto
Steering systems/ cable, linkages	X	X	X
Throttle and shift cables and linkages	X	X	X
Drive shaft splines (engine couplers)			X
U Joint	X		X
Suspension systems	X	X	X
Chassis	X		X
Ball joints			X
Disc brakes and ABS apps	X	X	X

QUICKSILVER PAINTS AND FINISH

FORCE COLORS

FORCE BLACK PAINT



92-**8M0133927**
340 g (12 oz) spray can

MARINER COLORS

MARINER LIGHT GRAY PAINT



92-**8M0133917**
For 1985 and newer Mariner outboards (except 1994 and newer top cowls, 1994 and newer lower cowls on 8/9.9/15, 75 hp and larger models and 1997 3.0L Offshore models) also for Tracker outboards with silver hoods.
340 g (12 oz) spray can

MARINER SILVER PAINT



92-**8M0133915**
For Mariner outboard top cowls - 1994 and newer (except 1997 3.0L Offshore models) and Tracker outboards with silver hoods.
340 g (12 oz) spray can

PROPELLER PAINT

EDP PROPELLER BLACK PAINT



92-**8M0133931**
340 g (12 oz) spray can

PHANTOM BLACK PAINT



92-**8M0185749**
For all Mercury outboards and MCM/MIE engines and drives.
400 mL spray can

SURFACE PREPARATION AND FINISH

LIGHT GRAY PRIMER



92-**8M0185748**
400 mL spray can

CLEAR COAT



92-**8M0133935**
For cowls on Mercury, Mariner and Force outboards.
340 g (12 oz) spray can

LEVELER



92-**8M0133937**

Used to smooth the finish of painted objects.
340 g (12 oz) spray can

COWL FINISH COMPOUND



92-**8M0133957**

Removes minor scratches while providing a high gloss finish
For all Mercury and Mariner cowls
250 mL (8.4 oz) bottle

COWL COVER

Image not
Available.

56-**8M0162160**

Soft protective cowl cover that can be used for storage or winterization.
For use with 40 horsepower and above outboard engines.
Priced individually, sold @ multiples of 10

QUICKSILVER STEERING FLUID

POWER TRIM AND STEERING FLUID



92-**858074QB1**

A universal hydraulic fluid designed to mix with all hydraulic fluids, protect seals and hoses, and prevent foaming, oxidation and corrosion.

Recommended for all outboard and sterndrive applications except electric power steering systems (use Synthetic Power Steering Fluid SAE 0W30) and non-power hydraulic steering systems (use Hydraulic Helm Steering Fluid)

Recommended for all applications that require a Type F Transmission Fluid

237 ml (8 fl oz) plastic bottle

POWER TRIM AND STEERING FLUID



92-**858075QB1**

A universal hydraulic fluid designed to mix with all hydraulic fluids, protect seals and hoses, and prevent foaming, oxidation and corrosion.

Recommended for all outboard and sterndrive applications except electric power steering systems (use Synthetic Power Steering Fluid SAE 0W30) and non-power hydraulic steering systems (use Hydraulic Helm Steering Fluid)

Recommended for all applications that require a Type F Transmission Fluid

1L (33.8 fl oz) plastic bottle

HYDRAULIC HELM STEERING FLUID



92-**858078QB1**

For use in MCM compact hydraulic helm steering systems.
Also used on Mercury Hydraulic Steering - Verado 135-175 and bolt-on steering system.

1 L (33.8 fl oz) plastic bottle

SYNTHETIC POWER STEERING FLUID SAE 0W-30



92-**8M0133951**

Recommended for electric power steering systems such as Verado, JPO and Axius Gen I only. Recommended for transmission and steering and actuator systems for Zeus drives

946 ml (32 fl oz) plastic bottle

PREMIUM FULL SYNTHETIC POWER STEERING FLUID



92-**8M0181584**

Specifically formulated and recommended for use in steering systems where a full synthetic fluid is required. Engineered to withstand the rigorous demands of the marine environment and delivers full performance from -40°F to over 266°F. Comparable/compatible with Pentosin CHF.

946 ml plastic bottle

QUICKSILVER TRANSMISSION FLUID

QUICKSILVER AUTOMATIC TRANSMISSION FLUID



92-**8M0181583**

Meets DEXRON-III requirements. Resists breakdown from heat, and loss of proper lubricity. Engineered to withstand the rigorous demands of the marine environment.

Specifically formulated, tested and recommended for use in outboards, inboards, and tow sport transmissions requiring DEXRON-III fluid.

1L plastic bottle

QUICKSILVER AUTOMATIC TRANSMISSION FLUID



92-**8M0181585**

Meets DEXRON-III requirements. Resists breakdown from heat, and loss of proper lubricity. Engineered to withstand the rigorous demands of the marine environment.

Specifically formulated, tested and recommended for use in outboards, inboards, and tow sport transmissions requiring DEXRON-III fluid.

208L drum

SHOP PRODUCTS FOR ENGINE ASSEMBLY AND MAINTENANCE

ADHESIVES AND SEALANTS

SEALING COMPOUND



92-8M0133898

Slow-drying, non-hardening brush-top sealant.

Temperature range -65°F to 400°F (-54°C to 204°C); resists gasoline, oil and grease.

473ml (16 oz) bottle with applicator brush

HEAT TRANSFER COMPOUND



92-8M0119689

Helps transfer heat from the electric fuel pump to the mounting plate and cooler on all MCM cool fuel systems, also helps transfer heat from ignition modules to the distributor bodies.

9.5 g (.33 oz) tube

BELLOWS ADHESIVE



92-8M0133959

Securely seals universal and exhaust bellows.

For all MCM sterndrives.

42.5 g (1.5 oz) tube

Quicksilver Branded, Box Point of Sale Packaged.

SPECIALTY

FUEL INJECTION CLEANER TOOL



91-898263A01

- Connects directly to your shop air supply. When used with recommended solvent, will clean injectors more effectively than aerosol methods.
- Includes gauge, hose, instructions, and Tools & Techniques manual.

SHOP TOOLS AND ACCESSORIES

BARREL PUMP

BARREL PUMP



91-**850438 1**

Professional barrel pump with non-drip spout, 360 degree swivel handle and telescopic tube. Delivers approximately 10 oz. per stroke, equipped with standard 2" bung assembly.

Adjusts to fit 15 to 55 gallon drums.

BARREL PUMP



91-**878373**

Heavy duty barrel pump of rugged die cast and steel assembly, standard 2" bung assembly and discharge spout threads which can fit a garden hose fitting. Long lasting Buna-N seals for superior suction.

Telescoping pick-up tube accommodates varying barrel sizes.

BARREL PUMP



91-**878375**

Aluminum rotary hand pump includes bung adapter, 4 ft. polyethylene discharge hose and two piece steel suction pipe.

For use with gasoline, diesel and similar light petroleum products including 2 and 4 cycle oils.

CRANKCASE OIL PUMP AND ADAPTER

OIL DRAIN PUMP



802889Q 1

8/9.9 4-stroke outboards require additional adapter 828369

Fits all MCM/MIE engines with threaded fitting on dipstick tube, and Mercury/ Mariner 8/9.9 FourStroke outboards MY2004 and prior.

Quicksilver Branded, Hanging Box Point of Sale Packaged.

CRANKCASE OIL PUMP



802889A 1

8/9.9 4-stroke outboards require additional adapter 828369

Fits all MCM/MIE engines with threaded fitting on dipstick tube, and Mercury/ Mariner 8/9.9 (4-stroke) outboards.

Mercury Precision Branded, Hanging Box Point of Sale Packaged.

OIL PUMP EXTRACTION TUBE



32-**859717A 2**

.375 in O.D. tube, 19.5 in. long

Connects to the crankcase oil pump for use on the Zeus drive and various Mercury/ Mariner FourStroke outboards.

SHOP TOOLS AND ACCESSORIES

ADAPTER



828369

Adapts the standard threaded style MerCruiser crankcase pump for use on the Mercury/Mariner 8/9.9 hp. FourStroke outboards (MY2004 & prior) and the 15hp. FourStroke outboard (323cc).

OIL PUMP ADAPTER HOSE



32-**863642**

Fits MCM/MIE D1.7L DTI diesel engines.

GREASE GUNS

GREASE GUN



91- **37299Q 2**

Pistol grip gun. Aids in the lubrication of key areas on the drive and transom. Allows easy access to grease fittings.

For use with 8 oz.(227 g) tubes.

Priced individually, sold @ multiples of 4

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

GREASE GUN



91- **30500**

Plunger type gun

for use with 8 oz.(227 g) tubes

GREASE GUN



91- **74057Q 6**

for 3 oz.(85 g) cartridges

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

OIL FILTER WRENCHES

OIL FILTER WRENCH



91-**802653Q02**

This is a formed metal tool for strength and durability.

Fits replaceable screw-on type canister oil filters wherever found on current Mercury/Mariner FourStroke outboards 9.9 thru 60 hp., the 75-115 hp. s/n 1B366822 & below, and the 75-115 hp. s/n 2B094996 and above..

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

OIL FILTER WRENCH



91-**889277**

Made of metal. Requires a 3/8" drive.

Fits the Quicksilver 35-822626Q15 screw-on type canister oil filter found on the V-225 hp. FourStroke outboard and the new 877767__ & 877769__ series filters for the 135-300 Verado.

OIL FILTER WRENCH



91-**889277002**

Made of metal. Requires a 3/8" drive.

Fits the Mercury 35-822626T 7 screw-on type canister oil filter found on the V-225 hp. FourStroke outboard.

OIL FILTER WRENCH



91-**889277Q01**

Metal wrench, requires a 3/8 in. drive ratchet.

Fits the (877761__) oil filter found on the 75-115 EFI FourStroke outboard (serial number 1B366823-2B094995) and the 150 hp. EFI FourStroke outboard. Also fits the MCM (866340__) oil filter and (802893__) fuel filter found on many MCM engines.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

OIL FILTER WRENCH



91-**889277Q03**

Metal wrench, requires a .375 in. drive ratchet.

Removes the 896546_ series and 883701_ series production oil filters found on the early Verado 135-275 hp. FourStroke outboards.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

OIL DRIP TRAY



8M0052100

After the oil resevoir has been properly drained, this tray when in place will help to prevent oil from dripping into the lower cowl when removing the side mounted engine filters listed in the application.

Fits the F25/30hp. EFI FourStroke Outboards and the F40-60hp. FourStroke outboards.

Notes:

TABLE OF CONTENTS

Quick Reference Guide-Outboard 318

Quick Reference FourStroke Charts 325
Quick Reference TwoStroke Charts 318

Quick Reference Guide-MerCruiser 363

Quick Reference MerCruiser Charts- Gas Models 363

QUICK REFERENCE GUIDE-OUTBOARD

QUICK REFERENCE TWOSTROKE CHARTS

75–90–115 Optimax 1B227000 & above

Description		Part Number	Page
	Controls		
Side Mount - MSC 4000 Series - Electric w/trim	15 ft. (4.6 m) harness	8M0083666	
	20 ft. (6.1 m) harness	8M0083667	
Dual Engine Remote Control Kit	(for side mount control stacking)	16909A 2	467
Panel Mount (with trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011213	461
	Finger Release - Chrome Handle	8M0030550	461
	Lock Bar	883710A02	462
Console Mount (single eng. with trim) - Commander		88688A25	468
Console Mount (single eng. with trim) - MCC 4500	Gen II	8M0059686	
Console Mount (dual eng. with trim) - Commander	Twin trim switches in handle	88688A22	468
Console Mount (dual eng. with trim) - MCC 4500	(Gen II) - single trim switch in handle	8M0075245	463
Throttle/Shift Cables (two per engine) - (Gen I)	(Premium Series)	897977A03 thru 897977A50	
Throttle/Shift Cables (two per engine) - (Gen II)	(Premium Series)	897978A03 thru 897978A50	
	Instrumentation		
All Models Max WOT Range = 5,000-5,750 RPM's			
Tachometer - 8000 RPM - Flagship	Black Face	79-895283A06	423
	White Face	79-895283A26	427
Tachometer - 8000 RPM - Admiral	Black Face	79-895283Q06	435
	White Face	79-895283Q26	
Tachometer - 7000 RPM - Flagship	Black Face	79-895283A05	423
	White Face	79-895283A25	427
Tachometer - 7000 RPM - Admiral	Black Face	79-895283Q05	434
	White Face	79-895283Q25	441
Tachometer - 6000 RPM - Flagship	Black Face	79-895283A03	423
	White Face	79-895283A23	427
Tachometer - 6000 RPM - Admiral	Black Face	79-895283Q03	434
	White Face	79-895283Q23	441
Tachometer Harness - Analog	5 ft. length x 14 pin	84-892990T01	544
	10 ft. length x 14 pin	84-892990T10	544
	15 ft. length x 14 pin	84-892990T15	544
Speedometer - 65 MPH - Flagship	Black Face	79-895285A03	424
	White Face	79-895285A23	428
Speedometer - 65 MPH - Admiral	Black Face	79-895285Q03	435
	White Face	79-895285Q23	441
Battery Meter - Flagship	Black Face	79-895286A01	424
	White Face	79-895286A21	428

Description		Part Number	Page
Battery Meter - Admiral	Black Face	79-895286Q01	435
	White Face	79-895286Q21	442
Fuel Gauge - Flagship	Black Face	79-895291A01	426
	White Face	79-895291A21	430
Fuel Gauge - Admiral	Black Face	79-895291Q01	437
	White Face	79-895291Q21	443
Cruiselog (hour meter) - Flagship	Black Face	79-895295A01	426
	White Face	79-895295A21	430
Cruiselog (hour meter) - Admiral	Black Face	79-895295Q01	437
	White Face	79-895295Q21	444
Power Trim - Flagship - Analog	Black Face	79-895292A01	426
	White Face	79-895292A21	430
Power Trim - Admiral - Analog	Black Face	79-895292Q01	437
	White Face	79-895292Q21	443
Power Trim Sender Kit		8M0098264	449
Water Pressure Gauge - 15 PSI - Flagship	Black Face - Analog - (requires hose kit)	79-895288A01	425
	White Face - Analog - (requires hose kit)	79-895288A21	429
Water Pressure Gauge - 15 PSI - Admiral	Black Face - Analog - (requires hose kit)	79-895288Q01	436
	White Face - Analog - (requires hose kit)	79-895288Q21	442
Water Pressure Gauge Hose Kit	(required for analog gauge use)	32-892156A01	
Service Monitor	Apply 3 wraps for proper operation	79-8M0050399	453
	Electrical		
Ignition/Choke Assembly - 11 ft. (3.35 m) harness		84-896537K11	557
Ignition/Choke Assembly - 15 ft. (4.6 m) harness		84-896537K15	557
Ignition/Choke Assembly - 20 ft. (6.1 m) harness		84-896537K20	558
Ignition/Choke Assembly - 25 ft. (7.62 m) harness		84-896537K24	558
Ignition/Choke Assembly - 30 ft. (9.14 m) harness		84-896537K29	558
Power Trim Switch Kit - 10 ft. (3.0 m)	Transom Mounted	87- 18286A18	27, 580
Power Trim Switch Kit - 25 ft. (7.6 m)	Transom Mounted	87- 18286A19	580
Lanyard Stop Switch, single outboard	Flush mounted	87- 19674A07	565
	Chrome bezel mounted	87- 19674A08	565
Lanyard Stop Switch, dual outboards	Flush mounted	87- 19674A12	565
	Chrome bezel mounted	87- 19674A13	565
	Fuel Line Assemblies, Tanks & Hardware (Low Permeation hoses shown below)		
Fuel Filter	Located on VST	35-8M0122423	247
Fuel Line 9 ft. (2.74m) - (US-EPA)	5/16 ID - Primer Bulb - No Ends	32-8M0061899	68
Fuel Line 12 ft. (3.7m) - Q/S - (US-EPA)	5/16 ID - Primer Bulb - No Ends	32-8M0061887	
Fuel Line 12 ft. (3.7m) - MPP - (US-EPA)	5/16 ID - Primer Bulb - No Ends	32-8M0061896	
Fuel Line 9 ft. (2.74m) - (non-EPA)	5/16 ID - Primer Bulb - No Ends	32-8M8026967	
Fuel Line 12 ft. (3.7m) - Q/S - (non-EPA)	5/16 ID - Primer Bulb - No Ends	32-8M0054326	
Fuel Line 12 ft. (3.7m) - MPP - (non-EPA)	5/16 ID - Primer Bulb - No Ends	32-8M0054331	

Description		Part Number	Page
Bulk Fuel Line - (low permeation)	5/16 ID - no bulb or ends - 100 ft.	32-8M0038500	69
	3/8 ID - no bulb oe ends - 100 ft.	32-8M0038563	69
Fuel Line Connector	3/8 to 5/16	22-8M0001721	73
Primer Bulb - MPP (US-EPA)	Used with 5/16 or 3/8 ID fuel lines	8M0061876	69
Primer Bulb - QS (US-EPA)	Used with 5/16 or 3/8 ID fuel lines	8M0061875	
Primer Bulb - MPP (non-EPA)	Used with 5/16 or 3/8 ID fuel lines	8M0054314	69
Primer Bulb - QS (non-EPA)	Used with 5/16 or 3/8 ID fuel lines	8M0054313	69
Fuel Tank (US-EPA) 6.6 gal. Box Style	US-EPA 2011 Compliant	1200-8M0054600	
Fuel Tank (US-EPA) 6.6 gal. - Suitcase Style	US-EPA 2011 Compliant	1200-8M0045691	
Fuel Tank (non-US) 6.6 gal. (25 L) - Plastic Box Style	Quick connect fuel line connection/integral gauge	1200-8M0083451	65
Fuel Tank (non-US) 6.6 gal. - Plastic Suitcase Style	Quick connect fuel line connection/integral gauge	1200-8M0083452	65
	Miscellaneous Accessories		
Remote Oil Tank Kit		1257- 8742A25	412
Tilt Limit Switch Kit	Analog device	899625K02	579
	Digital device	899625K04	579
Coastal Flushing Kit	(allows engine flushing while in water)	858566A02	62
Tiller Handle Kit - Traditional		NLA	
Big Tiller	Mechanical Non-Power Steering Version	NLA	
Big Tiller	Mechanical Power Steering Version	NLA	
Big Tiller thottle/shift cable kit	Required for either version	8M0082352	42
Big Tiller Auxiliary Light	Optional	87-897978T02	42, 595
RPM Adjuster	Optional	87-8M0083437	42, 581
Flushing Attachment - allows running engine - Q/S	(not for use with Jet 65)	44357Q 2	200
Flushing Attachment - allows running engine - MPP	(not for use with Jet 65)	44357T 2	61
	Steering		
Ride Guide Attaching Kit - 75/90	Single Engine - Single Cable	92876A12	628
	Single Engine - Two Cable	92876A 8	630
	Dual Engine - Two Cable	92876A 9	630
	Hydraulic Steering - Optional		
Hydraulic Helms	Standard 1.4L Helm w/fluid & mtg. hdwe.	8M0050098	610
	Tilt Helm w/fluid & mtg. hdwe.	8M0050099	610
Remote Fill Kit	Use with Tilt Helm Kit	64-889934A05	613
Hydraulic Hoses	Cylinder to helm	32-8M0053474 thru 8M0053491	612
Hydraulic Cylinder - Standard Rotation	Single engines	8M0054993	

V-6 Optimax (Non DTS) 1B227000 & above

Description		Part Number			Page
	V-6 Optimax SmartCraft Riging Kits				
Single Engine Data Kit with Oil Sender	System Monitor or VesselView not included (will accommodate System Tach/Speed) (will accommodate System Link gauges) (requires 84-896537_ Series Harness)	8M0056277			
Dual Engine Data Kit with Oil Sender	System Monitor or VesselView not included (will accommodate System Tach/Speed) (will accommodate System Link gauges) (requires 84-896537_ Series Harness)	8M0056279			
	Controls				
Side Mount - MSC 4000 Series - Electric w/trim	15 ft. (4.6 m) harness 20 ft. (6.1 m) harness	8M0083666 8M0083667			
Dual Engine Remote Control Kit	(for side mount control stacking)	16909A 2			467
Panel Mount (with trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle Finger Release - Chrome Handle Lock Bar	8M0011213 8M0030550 883710A02			461 461 462
Console Mount (single eng. with trim) - Commander Console Mount (single eng. with trim) - MCC 4500	 Gen II	88688A25 8M0059686			468
Console Mount (dual eng. with trim) - Commander Console Mount (dual eng. with trim) - MCC 4500	Twin trim switches in handle (Gen II) - single trim switch in handle	88688A22 8M0075245			468 463
Throttle/Shift Cables (two per engine) - (Gen I) Throttle/Shift Cables (two per engine) - (Gen II)	(Premium Series) (Premium Series)	897977A03 897978A03	thru thru	897977A50 897978A50	
	Instrumentation - Analog Gauges				
135 HP. Max WOT Range = 5,000-5,600 RPM's 150/175 HP. Max WOT Range = 5,250-5,750 RPM's 200/225 HP. Max WOT Range = 5,000-5,750 RPM's 250 HP. Max WOT Range = 5,500-6,000 RPM's					
Service Monitor	Apply 3 wraps for proper operation	79-8M0050399			453
Tachometer - 8000 RPM - Flagship Tachometer - 8000 RPM - Admiral 	Black Face White Face Black Face White Face	79-895283A06 79-895283A26 79-895283Q06 79-895283Q26			423 427 435
Tachometer - 7000 RPM - Flagship Tachometer - 7000 RPM - Admiral 	Black Face White Face Black Face White Face	79-895283A05 79-895283A25 79-895283Q05 79-895283Q25			423 427 434 441
Tachometer - 6000 RPM - Flagship Tachometer - 6000 RPM - Admiral	Black Face White Face Black Face	79-895283A03 79-895283A23 79-895283Q03			423 427 434

Description		Part Number	Page
	White Face	79-895283Q23	441
Tachometer Harness - Analog	5 ft. length x 14 pin	84-892990T01	544
	10 ft. length x 14 pin	84-892990T10	544
	15 ft. length x 14 pin	84-892990T15	544
Speedometer - 80 MPH - Flagship	Black Face	79-895285A04	424
	White Face	79-895285A24	428
Speedometer - 80 MPH - Admiral	Black Face	79-895285Q04	435
	White Face	79-895285Q24	441
Speedometer - 65 MPH - Flagship	Black Face	79-895285A03	424
	White Face	79-895285A23	428
Speedometer - 65 MPH - Admiral	Black Face	79-895285Q03	435
	White Face	79-895285Q23	441
Battery Meter - Flagship	Black Face	79-895286A01	424
	White Face	79-895286A21	428
Battery Meter - Admiral	Black Face	79-895286Q01	435
	White Face	79-895286Q21	442
Fuel Gauge - Flagship	Black Face	79-895291A01	426
	White Face	79-895291A21	430
Fuel Gauge - Admiral	Black Face	79-895291Q01	437
	White Face	79-895291Q21	443
Cruiselog (hour meter) - Flagship	Black Face	79-895295A01	426
	White Face	79-895295A21	430
Cruiselog (hour meter) - Admiral	Black Face	79-895295Q01	437
	White Face	79-895295Q21	444
Power Trim - Flagship - Analog	Black Face	79-895292A01	426
	White Face	79-895292A21	430
Power Trim - Admiral - Analog	Black Face	79-895292Q01	437
	White Face	79-895292Q21	443
Water Pressure Gauge - 30 PSI - Flagship	Black Face	79-895288A03	425
	White Face	79-895288A23	429
Water Pressure Gauge - 30 PSI - Admiral	Black Face	79-895288Q03	436
	White Face	79-895288Q23	442
Water Temperature Gauge (100-240 deg. F) - Flagshi	Black Face	79-895287A01	424
	White Face	79-895287A21	428
Water Temperature Gauge (100-240 deg. F) - Admiral	Black Face	79-895287Q01	435
	White Face	79-895287Q21	442
Dual Engine Synchronizer - Flagship	Black Face	79-895294A01	426
	White Face	79-895294A21	
Dual Engine Synchronizer - Admiral	Black Face	79-895294Q01	437
	White Face	79-895294Q21	443
Oil Level (for tanks w/quick connect)	Flagship - Black Face	79-895290A01	426
	Flagship - White Face	79-895290A21	429
	Admiral - Black Face	79-895290Q01	437
Oil Level (for tanks w/o quick connect)	Admiral - White Face	879346A58	

Description		Part Number	Page
(Verify engine for suitability of product.)	Instrumentation - SmartCraft Gauges		
SC1000 System Monitor - Front Mount	Rectangular	79-879896K21	403
SC1000 System Monitor - Rear Mount	Rectangular	79-879896K19	
SC1000 System Monitor - Front Mount	Round - Black	79-892219K19	403
	Round - White	79-892219K20	403
MercMonitor - NMEA 2000	Gateway Level 1 Data	79-8M0135536	402
	Gateway Level 2 Data and SmartTow RPM	79-8M0135617	402
	Gateway Level 3 Data and SmartTow Pro	79-8M0135618	403
	Gateway Level 3 Data and SmartTow Pro w/GPS puck	79-8M0135619	403
	MercMonitor - no NMEA2000	79-8M0119406	403
SC1000 Black - Glass Lens	Bezels must be ordered separately.		
	Glass Lens 7,000 Tach	79-8M0135641	390
	Glass Lens, Single Engine Kit	79-8M0135633	
	Glass Lens, Dual Engine Kit	79-8M0135632	
SC1000 White - Glass Lens	Bezels must be ordered separately.		
	Glass Lens 7,000 Tach	79-8M0135634	388
	Glass Lens, Single Engine Kit	79-8M0135688	
	Glass Lens, Dual Engine kit	79-8M0135626	
SC1000 Gray - Glass Lens	Bezels must be ordered separately.		
	Glass Lens 7,000 Tach	79-8M0135645	391
	Glass Lens, Single Engine Kit	79-8M0135648	
	Glass Lens, Dual Engine kit	79-8M0135649	
VesselView Mobile		84-8M0115080	
VesselView403		8M0124498	383
VesselView502 Single Engine		8M0110643	383
VesselView502 Multi Engine		8M0110646	383
VesselView703 Single Engine		8M0124495	383
VesselView703 Multi Engine		8M0124496	383
VesselView903 Single Engine		8M0129543	382
VesselView903 Multi Engine		8M0129545	382
	Electrical		
Ignition/Choke Assembly - 2 ft. (609 mm) harness		84-896537K02	557
Ignition/Choke Assembly - 8 ft. (2.44 m) harness		84-896537K08	557
Ignition/Choke Assembly - 11 ft. (3.35 m) harness		84-896537K11	557
Ignition/Choke Assembly - 15 ft. (4.6 m) harness		84-896537K15	557
Ignition/Choke Assembly - 20 ft. (6.1 m) harness		84-896537K20	558
Ignition/Choke Assembly - 25 ft. (7.62 m) harness	Single harness	84-896537K24	558
Ignition/Choke Assembly - 25 ft. (7.62 m) harnesses	Two harnesses	84-896537K25	558
Ignition/Choke Assembly - 30 ft. (9.14 m) harness	Single harness	84-896537K29	558
Ignition/Choke Assembly - 30 ft. (9.14 m) harnesses	Two harnesses	84-896537K30	558
Lanyard Stop Switch, single engine	Flush mounted	87- 19674A07	565
	Chrome bezel mounted	87- 19674A08	565
Lanyard Stop Switch, dual engine	Flush mounted	87- 19674A12	565
	Chrome bezel mounted	87- 19674A13	565

Description		Part Number	Page
Lanyard Stop Switch, triple or quad	Flush mounted	87- 19674A14	
	Chrome bezel mounted	87- 19674A15	
Diode Assembly - dual engine	(required to use a single lanyard)	84-898289A72	566
	Fuel Line Assemblies, Tanks & Hardware (new Low Permeation hoses shown below)		
Water Separating Fuel Filter - canister style	Located on 3.0L EFI and all 2.5L	35- 18458Q 4	234
Fuel Filter - Element Style	Located on 3.0L DFI and DTS	35-8M0122423	247
Fuel Line 9 ft. (2.74m) - (US-EPA)	5/16 ID - Primer Bulb - No Ends	32-8M0061899	68
Fuel Line 12 ft. (3.7m) - Q/S - (US-EPA)	5/16 ID - Primer Bulb - No Ends	32-8M0061887	
Fuel Line 12 ft. (3.7m) - MPP - (US-EPA)	5/16 ID - Primer Bulb - No Ends	32-8M0061896	
Fuel Line 9 ft. (2.74m) - (non-EPA)	5/16 ID - Primer Bulb - No Ends	32-8M8026967	
Fuel Line 12 ft. (3.7m) - Q/S - (non-EPA)	5/16 ID - Primer Bulb - No Ends	32-8M0054326	
Fuel Line 12 ft. (3.7m) - MPP - (non-EPA)	5/16 ID - Primer Bulb - No Ends	32-8M0054331	
Bulk Fuel Line - (low permeation)	5/16 ID - no bulb or ends - 100 ft.	32-8M0038500	69
	3/8 ID - no bulb or ends - 100 ft.	32-8M0038563	69
Fuel Line Connector	3/8 to 5/16	22-8M0001721	73
Primer Bulb - MPP (US-EPA)	Used with 5/16 or 3/8 ID fuel lines	8M0061876	69
Primer Bulb - QS (US-EPA)	Used with 5/16 or 3/8 ID fuel lines	8M0061875	
Primer Bulb - MPP (non-EPA)	Used with 5/16 or 3/8 ID fuel lines	8M0054314	69
Primer Bulb - QS (non-EPA)	Used with 5/16 or 3/8 ID fuel lines	8M0054313	69
Fuel Tank (US-EPA) 6.6 gal. Box Style	US-EPA 2011 Compliant	1200-8M0054600	
Fuel Tank (US-EPA) 6.6 gal. Suitcase Style	US-EPA 2011 Compliant	1200-8M0045691	
Fuel Tank (non-US) 6.6 gal. (25 L) - Plastic Box Style	Quick connect fuel line connection/integral gauge	1200-8M0083451	65
Fuel Tank (non-US) 6.6 gal. - Plastic Suitcase Style	Quick connect fuel line connection/integral gauge	1200-8M0083452	65
	Miscellaneous Accessories		
Oil Tank Extension Kit	(includes 30 ft. of double oil hose)	41729A 3	87
Oil Tank Hold Down Kit	For optional 1.8 gallon tank	824954A 1	86
	For 3 gallon tank - floor or wall mount	12335A 1	86
	For 3 gallon tank - floor mount only	884481A 1	86
Optional Oil Tank System	1.8 gallon (6.8 L)	15943A 1	86
Deck Oil Fill	Straight filler neck	15969A09	87
	80 degree filler neck	15969A10	87
Rigging Hose Kit		32-825191A03	48, 472
High Altitude Gear Kit	Converts 1.87:1 to 2:1 gear ratio	43- 44102A 2	
Trim Limit Switch Kit - mercury switch style	Model Year 2003 & newer 3.0L Optimax	87-887979A 2	31
Trim Limit Switch Kit - electronic switch style	Analog device	899625K02	579
Trim Limit Switch Kit - electronic switch style	Digital device	899625K04	579
Trim Reducer Kit		858915A 1	31
Trailering Clip		833006A 1	32

Description		Part Number			Page
Big Tiller	Mechanical Power Steering Version	NLA			
Big Tiller throttle/shift cable kit	Required	8M0082353			42, 594
Big Tiller Auxiliary Light	Optional	87-897978T02			42, 595
RPM Adjuster	Optional	87-8M0083437			42, 581
Flushing Attachment - allows running engine - Q/S	(not for use with Jet)	44357Q 2			200
Flushing Attachment - allows running engine - MPP	(not for use with Jet)	44357T 2			61
Dual Water Pickup Flush Seal Kit - Q/S		881150Q 1			
Dual Water Pickup Flush Seal Kit - MPP		881150K 1			201
	Steering				
Ride Guide Attaching Kit - Mechanical	Single Engine - Two Cable	92876A 8			630
	Dual Engine - Two Cable	92876A 9			630
Hydraulic Steering - bolt on	Standard 1.5 Helm without hoses	8M0056139			611
	Tilit Helm w/remote fill (no hoses)	8M0056140			611
	Port Cylinder	8M0056145			611
	Starboard Cylinder	8M0050097			611
Hydraulic Hoses	Cylinder to Helm	32-8M0053474	thru	8M0053491	612
Dual Engine Tie Bars	Dual engine with single cylinder	64-8M0063473	thru	8M0063477	607
	Dual engine with two cylinders	64-892789Q22	thru	892789Q27	608
Kicker Tie Bar	Port engine mount	898370A03			608
	Starboard engine mount	898966A02			608

QUICK REFERENCE FOURSTROKE CHARTS

4-5-6 Hp FourStroke 0R411838 & above

Description		Part Number			Page
	Controls				
Remote Control Conversion Kit	Converts Tiller model to RC model	8M0062241			471
Throttle/Shift Cables (two required)		8M0085937	thru	8M0085963	478
	Instrumentation				
Service Monitor	Apply 3 wraps for proper operation	79-8M0050399			453
	Fuel Line Assemblies, Tanks & Hardware				
Fuel Tank (US-EPA) 3.2 gal. (12 L) - Plastic	US-EPA 2011 Compliant, without gauge	1200-8M0045692			
Fuel Tank (US-EPA) 3.2 gal. (12 L) - Plastic	US-EPA 2011 Compliant, with fuel gauge	1200-8M0047598			
Primer Bulb Assembly (US-EPA)	MPP Branded	8M0061876			69
	QS Branded	8M0061875			

Description		Part Number	Page
	Miscellaneous Accessories		
Flushing Attachment - static flush	Serial number 0R411838 and above	8M0057047	61
Flushing Attachment - allows running engine - Q/S		12612Q 2	
	Steering		
Clevis Kit		70599A 5	

8-9.9 Hp FourStroke 0R192772 & above

Description		Part Number	Page
	Controls		
Panel Mount Controls - General Information	May only be used above s/n 0R052327		
Panel Mount (non-trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011212	461
	Lock Bar	883710A01	462
Panel Mount (with trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011213	461
	Finger Release - Chrome Handle	8M0030550	461
	Lock Bar	883710A02	462
Console Mount - General Information	May only be used above s/n 0R052327		
Console Mount (single eng. w/o-trim) - MCC 4500	Gen II	8M0060782	
Console Mount (single eng. with trim) - MCC 4500	Gen II	8M0059686	
Throttle/Shift Cables (two required) - GEN I		897977A03 thru 897977A04	
Throttle/Shift Cables (two required) - GEN II		8M0082526 thru 8M0082553	477
	Instrumentation		
8/9.9 Hp. Max WOT Range = 5,000-6,000 RPM's			
Tachometer - 6000 RPM - Flagship	White Face	79-895283A43	430
Tachometer - 6000 RPM - Admiral	Black Face	79-895283Q03	434
	White Face	79-895283Q23	441
Digital Depth Gauge Kit	White Face/White Bezel	79-879292A02	
	Black Face/Black Bezel	79-879292A01	
Service Monitor	Apply 3 wraps for proper operation	79-8M0050399	453
	Ignition/Charging Electrical		
14 pin x 2 ft. (.61 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T02	543
14 pin x 8 ft. (2.44 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T08	543
14 pin x 11 ft. (3.35 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T11	543
14 pin x 15 ft. (4.6 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T15	543
14 pin x 20 ft. (6.1 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T20	543
14 pin x 25 ft. (4.6 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T24	543
14 pin x 30 ft. (4.6 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T29	543
Keyswitch	Required for above harnesses	87- 88107A13	554
Ignition/Choke Assembly - Transom Mounted	14 pin, requires adapter harness & choke harness	15000A14	36, 559

Description		Part Number	Page
Ignition/Choke Assembly - 2 ft. (.61 m) harness	8 pin, requires adapter harness	84-816626A 2	215, 556
Ignition/Choke Assembly - 8 ft. (2.44 m) harness	8 pin, requires adapter harness	84-816626A 8	556
Ignition/Choke Assembly - 11 ft. (3.35 m) harness	8 pin, requires adapter harness	84-816626A11	556
Ignition/Choke Assembly - 15 ft. (4.6 m) harness	8 pin, requires adapter harness	84-816626A15	215, 556
Ignition/Choke Assembly - 20 ft. (6.1 m) harness	8 pin, requires adapter harness	84-816626A20	215, 557
Ignition/Choke Assembly - 25 ft. (4.6 m) harness	8 pin, requires adapter harness	84-816626A24	216, 557
Ignition/Choke Assembly - 30 ft. (4.6 m) harness	8 pin, requires adapter harness	84-816626A29	557
Ignition/Choke Assembly - Transom Mounted	8 pin, requires adapter harness	15000A 7	36, 559
Adapter Harness	Adapts 14 pin control harness to engine Amp connector	84-896541T01	551
Adapter Harness	Adapts 8 pin control harness to engine Amp connector	84-892473A01	465
Choke Harness with gauge connections	Use if gauges are to be hooked up	84-892990T01	544
Choke Harness without gauge connections	Use for choke only, no gauges	84-896537T99	544
	Fuel Line Assemblies, Tanks & Hardware		
Fuel Tank (US-EPA) 3.2 gal. (12 L) - Plastic	US-EPA 2011 Compliant, without gauge	1200-8M0045692	
Fuel Tank (US-EPA) 3.2 gal. (12 L) - Plastic	US-EPA 2011 Compliant, with fuel gauge	1200-8M0047598	
Fuel Tank (US-EPA) 6.6 gal. (25 L) Box Style	US-EPA 2011 Compliant	1200-8M0054600	
Fuel Tank (US-EPA) 6.6 gal. Suitcase Style	US-EPA 2011 Compliant	1200-8M0045691	
Primer Bulb Assembly (US-EPA)	MPP Branded	8M0061876	69
	QS Branded	8M0061875	
	Miscellaneous Accessories		
Pro-Kicker Strap Kit	Fits ELPT & EXLPT, Pro-Kicker models	896297A01	94
Flushing Attachment - static flush - Q/S		16841Q02	
Flushing Attachment - allows running engine - Q/S	Used with BigFoot gearcase	12612Q 2	
Flushing Attachment - allows running engine - Q/S	Used with Standard & BigFoot gearcase	44357Q 2	200
Mounting Hardware Kit	2 screws, washers & nuts	56- 92729A49	58

15 Hp (351cc) FourStroke 0R235949 & above

Description		Part Number	Page
	Controls		
Panel Mount (non-trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011212	461
	Lock Bar	883710A01	462
Panel Mount (with trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011213	461
	Finger Release - Chrome Handle	8M0030550	461
	Lock Bar	883710A02	462
Console Mount (single eng. w/o-trim) - MCC 4500	Gen II	8M0060782	
Console Mount (single eng. with trim) - MCC 4500	Gen II	8M0059686	
Throttle/Shift Cables (two per engine) - (Gen I)	Premium Series	897977A03 thru 897977A04	

Description		Part Number			Page
Throttle/Shift Cables (two per engine) - (Gen II)	Premium Series	8M0082526	thru	8M0082553	477
	Instrumentation				
15 Hp. maximum WOT range = 5,000-6,000 RPM's					
Tachometer - 6000 RPM - Flagship	White Face	79-895283A43			430
Tachometer - 6000 RPM - Admiral	Black Face	79-895283Q03			434
	White Face	79-895283Q23			441
Tachometer Harness	Use with 8 or 10 pin Side Mount controls or harness	84- 86396A 8			575
Tachometer Harness - Analog - 5 ft.	Use with 14 pin Side Mount controls or harness	84-892990T01			544
Tachometer Harness - Analog - 10 ft.	Use with 14 pin Side Mount controls or harness	84-892990T10			544
Tachometer Harness - Analog - 15 ft.	Use with 14 pin Side Mount controls or harness	84-892990T15			544
Speedometer - 10/45 MPH - Flagship	White Face	79-895285A41			431
Speedometer - 10/45 MPH - Admiral	Black Face	79-895285Q01			435
	White	79-895285Q21			441
Battery Meter - Flagship	White Face	79-895286A41			432
Battery Meter - Admiral	Black Face	79-895286Q01			435
	White Face	79-895286Q21			442
Fuel Gauge - Flagship	White Face	79-895291A41			433
Fuel Gauge - Admiral	Black Face	79-895291Q01			437
	White Face	79-895291Q21			443
Cruiselog (hour meter) - Flagship	White Face	79-895295A41			434
Cruiselog (hour meter) - Admiral	Black Face	79-895295Q01			437
	White Face	79-895295Q21			444
Digital Depth Gauge Kit	Black Face/Black Bezel	79-879292A01			
	White Face/White Bezel	79-879292A02			
Low Oil Warning Light Kit	Dash Mounted - ERC Models only	8M0031424			
Service Monitor	Apply 3 wraps for proper operation	79-8M0050399			453
	Electrical				
14 pin x 2 ft. (.61 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T02			543
14 pin x 8 ft. (2.44 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T08			543
14 pin x 11 ft. (3.35 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T11			543
14 pin x 15 ft. (4.6 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T15			543
14 pin x 20 ft. (6.1 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T20			543
14 pin x 25 ft. (7.62 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T24			543
14 pin x 30 ft. (9.14 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T29			543
Keyswitch	Required for harnesses above	87- 88107A13			554
Ignition/Choke Assembly - Transom Mounted	14 pin, requires adapter harness & choke harness	15000A14			36, 559
Ignition/Choke Assembly - 2 ft. (.61 m) harness	8 pin, requires adapter harness	84-816626A 2			215, 556
Ignition/Choke Assembly - 8 ft. (2.44 m) harness	8 pin, requires adapter harness	84-816626A 8			556
Ignition/Choke Assembly - 11 ft. (3.35 m) harness	8 pin, requires adapter harness	84-816626A11			556
Ignition/Choke Assembly - 15 ft. (4.6 m) harness	8 pin, requires adapter harness	84-816626A15			215, 556
Ignition/Choke Assembly - 20 ft. (6.1 m) harness	8 pin, requires adapter harness	84-816626A20			215, 557
Ignition/Choke Assembly - 25 ft. (7.62 m) harness	8 pin, requires adapter harness	84-816626A24			216, 557

Description		Part Number	Page
Ignition/Choke Assembly - 30 ft. (9.14 m) harness	8 pin, requires adapter harness	84-816626A29	557
Ignition/Choke Assembly - Transom Mounted	8 pin, requires adapter harness	15000A 7	36, 559
Adapter Harness	Adapts 8 pin control harness to engine Amp connector	84-892473A01	465
Adapter Harness	Adapts 14 pin control harness to engine Amp connector	84-896541T01	551
Choke Harness with gauge connections	Use if gauges are to be hooked up	84-892990T01	544
Choke Harness without gauge connections	Use for choke only, no gauges	84-896537T99	544
	Fuel Line Assemblies, Tanks & Hardware		
Fuel Tank (US-EPA) 3.2 gal. (12 L) - Plastic	US-EPA 2011 Compliant, without gauge	1200-8M0045692	
Fuel Tank (US-EPA) 3.2 gal. (12 L) - Plastic	US-EPA 2011 Compliant, with fuel gauge	1200-8M0047598	
Fuel Tank (US-EPA) 6.6 gal. (25 L) Box Style	US-EPA 2011 Compliant	1200-8M0054600	
Fuel Tank (US-EPA) 6.6 gal. Suitcase Style	US-EPA 2011 Compliant	1200-8M0045691	
Primer Bulb Assembly (US-EPA)	MPP Branded	8M0061876	69
	QS Branded	8M0061875	
	Miscellaneous Accessories		
Oil Filter - QS		35-8M0162832	286
Oil Filter Wrench - QS		91-802653Q02	314
Flushing Attachment - allows running engine - Q/S		44357Q 2	200

20 Hp (351cc) FourStroke 0R235168 & above

Description		Part Number			Page
	Controls				
Panel Mount (non-trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011212			461
	Lock Bar	883710A01			462
Panel Mount (with trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011213			461
	Finger Release - Chrome Handle	8M0030550			461
	Lock Bar	883710A02			462
Console Mount (single eng. w/o-trim) - MCC 4500	Gen II	8M0060782			
Console Mount (single eng. with trim) - MCC 4500	Gen II	8M0059686			
Throttle/Shift Cables (two per engine) - (Gen I)	Premium Series	897977A03	thru	897977A50	
Throttle/Shift Cables (two per engine) - (Gen II)	Premium Series	8M0082526	thru	8M0082553	477
	Instrumentation				
20 Hp. maximum WOT range = 5,100-6,100 RPM's					
Tachometer - 6000 RPM - Flagship	White Face	79-895283A43			430
Tachometer - 6000 RPM - Admiral	Black Face	79-895283Q03			434
	White Face	79-895283Q25			441

Description		Part Number	Page
Tachometer Harness	Use with 8 or 10 pin Side Mount controls or harness	84- 86396A 8	575
Tachometer Harness - Analog - 5 ft.	Use with 14 pin Side Mount controls or harness	84-892990T01	544
Tachometer Harness - Analog - 10 ft.	Use with 14 pin Side Mount controls or harness	84-892990T10	544
Tachometer Harness - Analog - 15 ft.	Use with 14 pin Side Mount controls or harness	84-892990T15	544
Speedometer - 10/45 MPH - Flagship	White Face	79-895285A41	431
Speedometer - 10/45 MPH - Admiral	Black Face	79-895285Q01	435
	White	79-895285Q21	441
Battery Meter - Flagship	White Face	79-895286A41	432
Battery Meter - Admiral	Black Face	79-895286Q01	435
	White Face	79-895286Q21	442
Fuel Gauge - Flagship	White Face	79-895291A41	433
Fuel Gauge - Admiral	Black Face	79-895291Q01	437
	White Face	79-895291Q21	443
Cruiselog (hour meter) - Flagship	White Face	79-895295A41	434
Cruiselog (hour meter) - Admiral	Black Face	79-895295Q01	437
	White Face	79-895295Q21	444
Digital Depth Gauge Kit	Black Face	79-879292A01	
	White Face	79-879292A02	
Low Oil Warning Light Kit	Dash Mounted - ERC Models only	8M0031424	
Service Monitor	Apply 3 wraps for proper operation	79-8M0050399	453
	Electrical		
14 pin x 2 ft. (.61 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T02	543
14 pin x 8 ft. (2.44 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T08	543
14 pin x 11 ft. (3.35 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T11	543
14 pin x 15 ft. (4.6 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T15	543
14 pin x 20 ft. (6.1 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T20	543
14 pin x 25 ft. (7.62 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T24	543
14 pin x 30 ft. (9.14 m) harness	Requires adapter harness, choke harness & keyswitch	84-896537T29	543
Keyswitch	Required for harnesses above	87- 88107A13	554
Ignition/Choke Assembly - Transom Mounted	14 pin, requires adapter harness & choke harness	15000A14	36, 559
Ignition/Choke Assembly - 2 ft. (.61 m) harness	8 pin, requires adapter harness	84-816626A 2	215, 556
Ignition/Choke Assembly - 8 ft. (2.44 m) harness	8 pin, requires adapter harness	84-816626A 8	556
Ignition/Choke Assembly - 11 ft. (3.35 m) harness	8 pin, requires adapter harness	84-816626A11	556
Ignition/Choke Assembly - 15 ft. (4.6 m) harness	8 pin, requires adapter harness	84-816626A15	215, 556
Ignition/Choke Assembly - 20 ft. (6.1 m) harness	8 pin, requires adapter harness	84-816626A20	215, 557
Ignition/Choke Assembly - 25 ft. (7.62 m) harness	8 pin, requires adapter harness	84-816626A24	216, 557
Ignition/Choke Assembly - 30 ft. (9.14 m) harness	8 pin, requires adapter harness	84-816626A29	557
Ignition/Choke Assembly - Transom Mounted	8 pin, requires adapter harness	15000A 7	36, 559
Adapter Harness	Adapts 8 pin control harness to engine Amp connector	84-892473A01	465
Adapter Harness	Adapts 14 pin control harness to engine Amp connector	84-896541T01	551
Choke Harness with gauge connections	Use if gauges are to be hooked up	84-892990T01	544
Choke Harness without gauge connections	Use for choke only, no gauges	84-896537T99	544

Description		Part Number	Page
	Fuel Line Assemblies, Tanks & Hardware		
Fuel Tank (US-EPA) 3.2 gal. (12 L) - Plastic	US-EPA 2011 Compliant, without gauge	1200-8M0045692	
Fuel Tank (US-EPA) 3.2 gal. (12 L) - Plastic	US-EPA 2011 Compliant, with fuel gauge	1200-8M0047598	
Fuel Tank (US-EPA) 6.6 gal. (25 L) Box Style	US-EPA 2011 Compliant	1200-8M0054600	
Fuel Tank (US-EPA) 6.6 gal. Suitcase Style	US-EPA 2011 Compliant	1200-8M0045691	
Primer Bulb Assembly (US-EPA)	MPP Branded	8M0061876	69
	QS Branded	8M0061875	
	Miscellaneous Accessories		
Oil Filter - QS		35-8M0162832	286
Oil Filter Wrench - QS		91-802653Q02	314
Flushing Attachment - allows running engine - Q/S		44357Q 2	200

25-30 Hp EFI FourStroke 0R106999 & above

Description		Part Number	Page
	Controls		
Side Mount - MSC 4000 Series - Electric w/trim	15 ft. (4.6 m) harness, Gen II	8M0083666	
	20 ft. (6.1 m) harness, Gen II	8M0083667	
	Extra 6 ft. Extension (10 pin)	84-8M0058668	465
Dual Engine Remote Control Kit	(for side mount control stacking)	16909A 2	467
Panel Mount (non-trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011212	461
	Lock Bar	883710A01	462
Panel Mount (with trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011213	461
	Finger Release - Chrome Handle	8M0030550	461
	Lock Bar	883710A02	462
Console Mount (single eng. w/o-trim) - MCC 4500	Gen II	8M0060782	
Console Mount (single eng. with trim) - MCC 4500	Gen II	8M0059686	
Console Mount (dual eng. w/o-trim) - MCC 4500	Gen II	8M0075244	463
Console Mount (dual eng. with trim) - MCC 4500	(Gen II) - single trim switch in handle	8M0075245	463
Throttle/Shift Cables (two per engine) - (Gen I)	(Premium Series)	897977A03 thru 897977A04	
Throttle/Shift Cables (two per engine) - (Gen II)	(Premium Series)	8M0082526 thru 8M0082553	477
	Instrumentation		
25 Hp. Max WOT range = 5,000-6,000 RPM's 30 Hp. Max WOT range = 5,250-6,250 RPM's			
Tachometer - 6000 RPM - Flagship	White Face	79-895283A43	430
Tachometer - 6000 RPM - Admiral	Black Face	79-895283Q03	434

Description		Part Number	Page
	White Face	79-895283Q23	441
Tachometer Harness - Analog - 5ft.	Use with 14 pin Side Mount Controls or harnesses.	84-892990T01	544
Tachometer Harness - Analog - 10 ft.	Use with 14 pin Side Mount Controls or harnesses.	84-892990T10	544
Tachometer Harness - Analog - 15 ft.	Use with 14 pin Side Mount Controls or harnesses.	84-892990T15	544
Speedometer - 10/45 MPH - Flagship	White Face	79-895285A41	431
Speedometer - 10/45 MPH - Admiral	Black Face	79-895285Q01	435
	White Face	79-895285Q21	441
Battery Meter - Flagship	White Face	79-895286A41	432
Battery Meter - Admiral	Black Face	79-895286Q01	435
	White Face	79-895286Q21	442
Fuel Gauge - Flagship	White Face	79-895291A41	433
Fuel Gauge - Admiral	Black Face	79-895291Q01	437
	White Face	79-895291Q21	443
Cruiselog (hour meter) - Flagship	White Face	79-895295A41	434
Cruiselog (hour meter) - Admiral	Black Face	79-895295Q01	437
	White Face	79-895295Q21	444
Power Trim - Flagship	White Face	79-895292A41	433
Power Trim - Admiral	Black Face	79-895292Q01	437
	White Face	79-895292Q21	443
Power Trim Sender Kit		822573A12	450
Water Pressure Gauge - 30 PSI - Admiral	Black Face	79-895288Q03	436
	White Face	79-895288Q23	442
	White Face/White Bezel	79-879292A02	
Low Oil Warning Light Kit	Dash Mounted - ERC Models only	8M0031424	
	Ignition/Charging		
	Electrical		
Ignition/Choke Assembly - 11 ft. (3.35 m) harness		84-896537K11	557
Ignition/Choke Assembly - 15 ft. (4.6 m) harness		84-896537K15	557
Ignition/Choke Assembly - 20 ft. (6.1 m) harness		84-896537K20	558
Ignition/Choke Assembly - 30 ft. (9.14 m) harness		84-896537K29	558
Ignition/Choke Assembly - Transom Mounted	14 pin connector	15000A14	36, 559
MerCathode		88334A 2	177
	Fuel Line Assemblies, Tanks & Hardware		
Fuel Tank (US-EPA) 3.2 gal. (12 L) - Plastic	US-EPA 2011 Compliant, without gauge	1200-8M0045692	
Fuel Tank (US-EPA) 3.2 gal. (12 L) - Plastic	US-EPA 2011 Compliant, with fuel gauge	1200-8M0047598	
Fuel Tank (US-EPA) 6.6 gal. (25 L) Box Style	US-EPA 2011 Compliant	1200-8M0054600	
Fuel Tank (US-EPA) 6.6 gal. Suitcase Style	US-EPA 2011 Compliant	1200-8M0045691	

Description		Part Number	Page
Primer Bulb Assembly (US-EPA)	MPP Branded	8M0061876	69
	QS Branded	8M0061875	
	Miscellaneous Accessories		
Oil Filter - QS		35-8M0162832	286
Oil Filter Wrench - QS		91-802653Q02	314
Flushing Attachment - allows running engine - Q/S		44357Q 2	200
Prop Hardware Kit	Nut, thrust hub, washer & cotter pin	13914Q03	858
	Steering		
Steering Link Rod with engine bracket	Starboard Entry, thru-tilt tube mechanical	898101A45	628

40 Hp (3 cyl) FourStroke 1C049739 & above

Description	Application	Part Number	Thru	P/N	Page
	Controls				
Side Mount - MSC 4000 Series - Electric (non-trim)	15 ft. (4.6 m) harness, Gen II	8M0083860			
Side Mount - MSC 4000 Series - Electric w/trim	15 ft. (4.6 m) harness, Gen II	8M0083666			
	20 ft. (6.1 m) harness, Gen II	8M0083667			
	Extra 6 ft. Extension (10 pin)	84-8M0058668			465
Dual Engine Remote Control Kit	(for side mount control stacking)	16909A 2			467
Panel Mount (non-trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011212			461
	Lock Bar	883710A01			462
Panel Mount (with trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011213			461
	Finger Release - Chrome Handle	8M0030550			461
	Lock Bar	883710A02			462
Console Mount (single eng. w/o-trim) - Commander		88688A27			468
Console Mount (single eng. w/o-trim) - MCC 4500	Gen II	8M0060782			
Console Mount (single eng. with trim) - Commander		88688A25			468
Console Mount (single eng. with trim) - MCC 4500	Gen II	8M0059686			
Console Mount (dual eng. w/o-trim) - Commander		88688A24			469
Console Mount (dual eng. w/o-trim) - MCC 4500	Gen II	8M0075244			463
Console Mount (dual eng. with trim) - Commander	Twin trim switches in handle	88688A22			468
Console Mount (dual eng. with trim) - MCC 4500	(Gen II) - single trim switch in handle	8M0075245			463
Remote Control Attaching Kit	Converts EH (tiller) to ERC (remote)	880095A08			471
Throttle/Shift Cables (two per engine) - (Gen I)	(Premium Series)	897977A03	thru	897977A50	
Throttle/Shift Cables (two per engine) - (Gen II)	(Premium Series)	897978A03	thru	897978A50	
	Instrumentation				
40 Hp. Max. WOT Range = 5,500-6,000 RPM's					

Description	Application	Part Number	Thru P/N	Page
Tachometer - 6000 RPM - Flagship	Black Face	79-895283A03		423
	White Face	79-895283A23		427
Tachometer - 6000 RPM - Admiral	Black Face	79-895283Q03		434
	White Face	79-895283Q23		441
Tachometer Harness - Analog - 5 ft.	Use with 14 pin Side Mount Controls or harnesses.	84-892990T01		544
Tachometer Harness - Analog - 10 ft.	Use with 14 pin Side Mount Controls or harnesses.	84-892990T10		544
Tachometer Harness - Analog - 15 ft.	Use with 14 pin Side Mount Controls or harnesses.	84-892990T15		544
Speedometer - 45/50 MPH - Flagship	Black Face	79-895285A01		423
	White Face	79-895285A21		427
Speedometer - 45/50 MPH - Admiral	Black Face	79-895285Q01		435
	White Face	79-895285Q21		441
Speedometer - 65 MPH - Flagship	Black Face	79-895285A03		424
	White Face	79-895285A23		428
Speedometer - 65 MPH - Admiral	Black Face	79-895285Q03		435
	White Face	79-895285Q23		441
Battery Meter - Flagship	Black Face	79-895286A01		424
	White Face	79-895286A21		428
Battery Meter - Admiral	Black Face	79-895286Q01		435
	White Face	79-895286Q21		442
Fuel Gauge - Flagship	Black Face	79-895291A01		426
	White Face	79-895291A21		430
Fuel Gauge - Admiral	Black Face	79-895291Q01		437
	White Face	79-895291Q21		443
Cruiselog (hour meter) - Flagship	Black Face	79-895295A01		426
	White Face	79-895295A21		430
Cruiselog (hour meter) - Admiral	Black Face	79-895295Q01		437
	White Face	79-895295Q21		444
Power Trim - Flagship	Black Face	79-895292A01		426
	White Face	79-895292A21		430
Power Trim - Admiral	Black Face	79-895292Q01		437
	White Face	79-895292Q21		443
Power Trim Sender Kit		8M0098264		449
Water Pressure Gauge - 30 PSI - Flagship	Black Face	79-895288A03		425
	White Face	79-895288A23		429
Water Pressure Gauge - 30 PSI - Admiral	Black Face	79-895288Q03		436
	White Face	79-895288Q23		442
Service Monitor	Apply 3 wraps for proper operation	79-8M0050399		453
	Electrical			
Ignition/Choke Assembly - 15 ft. (4.6 m) harness		84-896537K15		557
Ignition/Choke Assembly - 20 ft. (6.1 m) harness		84-896537K20		558
Ignition/Choke Assembly - Transom Mounted		15000A14		36, 559
Power Trim Switch Kit - 10 ft. (3.0 m)		87- 18286A18		27, 580

Description	Application	Part Number	Thru P/N	Page
Power Trim Switch Kit - 25 ft. (7.6 m)		87- 18286A19		580
Lanyard Stop Switch, single engine	Flush mounted	87- 19674A07		565
	Chrome bezel mounted	87- 19674A08		565
Lanyard Stop Switch, dual engines	Flush mounted	87- 19674A12		565
	Chrome bezel mounted	87- 19674A13		565
MerCathode		88334A 2		177
	Fuel Line Assemblies, Tanks & Hardware (new Low Permeation hoses shown below)			
Fuel Filter - EFI Models	In-Line	35-879885Q		236
Fuel Line 100 ft. (30.5m) - (low permeation)	3/8 ID	32-8M0038563		69
	5/16 ID	32-8M0038500		69
Fuel Line Coupler	Barbed ends, couples 3/8 ID line to 5/16 ID Line	22-8M0001721		73
Fuel Tank (US-EPA) 6.6 gal. (25 L) Box Style	US-EPA 2011 Compliant	1200-8M0054600		
Fuel Tank (non-US) 6.6 gal. (25 L) Box Style	Threaded fuel line connection	1200-8M0057256		
Fuel Tank (non-US) 6.6 gal. (25 L) Box Style	Threaded fuel line connection & integral gauge	1200-8M0047607		66
Fuel Tank (non-US) 6.6 gal. (25 L) Box Style	Quick connect fuel line connection/integral gauge	1200-8M0083451		65
Fuel Tank (US-EPA) 6.6 gal. Suitcase Style	US-EPA 2011 Compliant	1200-8M0045691		
Fuel Tank (non-US) 6.6 gal. Suitcase Style	Threaded fuel line connection	1200-8M0057254		66
Fuel Tank (non-US) 6.6 gal. Suitcase Style	Threaded fuel line connection & integral gauge	1200-8M0047603		66
Fuel Tank (non-US) 6.6 gal. Suitcase Style	Quick connect fuel line connection/integral gauge	1200-8M0083452		65
Primer Bulb Assembly (US-EPA)	MPP Branded	8M0061876		69
	Quicksilver Branded	8M0061875		
Primer Bulb Assembly (non-EPA)	MPP Branded	8M0054314		69
	Quicksilver Branded	8M0054313		69
	Miscellaneous Accessories			
Oil Filter - QS		35-8M0162830		286
Oil Filter - MPP		35-8M0162829		89
Oil Filter Wrench - QS		91-802653Q02		314
Oil Filter Wrench - MPP		91-802653K02		
Crankcase Oil Pump		802889Q 1		313
Thermostat Kit		825212A 1		232
Tiller Handle Kit	Converts ERC (remote) to EH (tiller)	880093A03		40
Flushing Attachment - allows running engine - Q/S		44357Q 2		200
Flushing Attachment - allows running engine - MPP		44357T 2		61
	Steering			
Steering Bracket w/o carrying handle		816667A 2		48, 629
Ride Guide Attaching Kit	Starboard Cable Entry	19608A14		628

Description	Application	Part Number	Thru P/N	Page
	Port Cable Entry	19609A 6		628

40-50-60 Hp FourStroke 1C050252 & above

Description	Application	Part Number	Thru P/N	Page
	Controls			
Side Mount - MSC 4000 Series - Electric w/trim	15 ft. (4.6 m) harness, Gen I	8M0083666		
	20 ft. (6.1 m) harness, Gen I	8M0083667		
	Extra 6 ft. extension (10 pin)	84-8M0058668		465
Dual Engine Remote Control Kit	Used with side mount controls	16909A 2		467
Panel Mount (with trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011213		461
	Finger Release - Chrome Handle	8M0030550		461
	Lock Bar	883710A02		462
Console Mount (single eng. with trim) - Commander		88688A25		468
Console Mount (single eng. with trim) - MCC 4500	Gen II	8M0059686		
Console Mount (dual eng. with trim) - Commander	Twin trim switches in handle	88688A22		468
Console Mount (dual eng. with trim) - MCC 4500	(Gen II) - single trim switch in handle	8M0075245		463
Remote Control Conversion Kit	40 BigFoot, 50 & 60	880095A08		471
	Converts EH (tiller) to ERC (remote)			
Remote Control Extension Harness - 10 ft. (3.0 m)		84- 17829A10		545
Remote Control Extension Harness - 20 ft. (6.1 m)		84- 17829A20		546
Throttle/Shift Cables (two per engine) - (Gen I)	(Premium Series)	897977A03	thru 897977A50	
Throttle/Shift Cables (two per engine) - (Gen II)	(Premium Series)	897978A03	thru 897978A50	
	Instrumentation - Analog Gauges			
40/50/60 Hp. Max WOT Range = 5,500-6,000 RPM's				
Tachometer - 7000 RPM - Flagship	Black Face	79-895283A05		423
	White Face	79-895283A25		427
Tachometer - 7000 RPM - Admiral	Black Face	79-895283Q05		434
	White Face	79-895283Q25		441
Tachometer - 6000 RPM - Flagship	Black Face	79-895283A03		423
	White Face	79-895283A23		427
Tachometer - 6000 RPM - Admiral	Black Face	79-895283Q03		434
	White Face	79-895283Q23		441
Tachometer Harness - Analog - 5 ft.	Use with 14 pin Side Mount Controls or harnesses.	84-892990T01		544
Tachometer Harness - Analog - 10 ft.	Use with 14 pin Side Mount Controls or harnesses	84-892990T10		544
Tachometer Harness - Analog - 15 ft.	Use with 14 pin Side Mount Controls or harnesses	84-892990T15		544
Speedometer - 45/50 MPH - Flagship	Black Face	79-895285A01		423
	White Face	79-895285A21		427
Speedometer - 45/50 MPH - Admiral	Black Face	79-895285Q01		435
	White Face	79-895285Q21		441

Description	Application	Part Number	Thru P/N	Page
Speedometer - 65 MPH - Flagship	Black Face	79-895285A03		424
	White Face	79-895285A23		428
Speedometer - 65 MPH - Admiral	Black Face	79-895285Q03		435
	White Face	79-895285Q23		441
Battery Meter - Flagship	Black Face	79-895286A01		424
	White Face	79-895286A21		428
Battery Meter - Admiral	Black Face	79-895286Q01		435
	White Face	79-895286Q21		442
Fuel Gauge - Flagship	Black Face	79-895291A01		426
	White Face	79-895291A21		430
Fuel Gauge - Admiral	Black Face	79-895291Q01		437
	White Face	79-895291Q21		443
Cruiselog (hour meter) - Flagship	Black Face	79-895295A01		426
	White Face	79-895295A21		430
Cruiselog (hour meter) - Admiral	Black Face	79-895295Q01		437
	White Face	79-895295Q21		444
Power Trim - Flagship	Black Face	79-895292A01		426
	White Face	79-895292A21		430
Power Trim - Admiral	Black Face	79-895292Q01		437
	White Face	79-895292Q21		443
Water Pressure Gauge - 30 PSI - Flagship	Black Face	79-895288A03		425
	White Face	79-895288A23		429
Water Pressure Gauge - 30 PSI - Admiral	Black Face	79-895288Q03		436
	White Face	79-895288Q23		442
Service Monitor	Apply 3 wraps for proper operation	79-8M0050399		453
(Verify engine for suitability of product)	Instrumentation - SmartCraft Gauges			
SC1000 System Monitor - Front Mount	Rectangular	79-879896K21		403
SC1000 System Monitor - Rear Mount	Rectangular	79-879896K19		
SC1000 System Monitor - Front Mount	Round - Black	79-892219K19		403
	Round - White	79-892219K20		403
MercMonitor - NMEA 2000	Gateway Level 1 Data	79-8M0135536		402
	Gateway Level 2 Data and SmartTow RPM	79-8M0135617		402
	Gateway Level 3 Data and SmartTow Pro w/GPS puck	79-8M0135618		403
	Gateway Level 3 Data and SmartTow Premier	79-8M0135619		403
	MercMonitor - No NMEA2000 Data	79-8M0119406		403
SC1000 Black - Glass Lens	Bezels must be ordered separately			
	Glass Lens 7,000 Tach	79-8M0135641		390
	Glass Lens, Single Engine Kit	79-8M0135633		
	Glass Lens, Dual Engine Kit	79-8M0135632		
SC1000 White - Glass Lens	Bezels must be ordered separately			
	Glass Lens 7,000 Tach	79-8M0135634		388
	Glass Lens, Single Engine Kit	79-8M0135688		

Description	Application	Part Number	Thru P/N	Page
	Glass Lens, Dual Engine Kit	79-8M0135626		
SC1000 - Gray Lens	Bezels must be ordered separately			
	Glass Lens 7,000 Tach	79-8M0135645		391
	Glass Lens, Single Engine Kit	79-8M0135648		
	Glass Lens, Dual Engine Kit	79-8M0135649		
VesselView Mobile		84-8M0115080		
VesselView403		8M0124498		383
VesselView502 Single Engine		8M0110643		383
VesselView502 Multi Engine		8M0110646		383
VesselView703 Single Engine		8M0124495		383
VesselView703 Multi Engine		8M0124496		383
VesselView903 Single Engine		8M0129543		382
VesselView903 Multi Engine		8M0129545		382
	Electrical			
Ignition/Choke Assembly - 15 ft. (4.6 m) harness		84-896537K15		557
Ignition/Choke Assembly - 20 ft. (6.1 m) harness		84-896537K20		558
Ignition/Choke Assembly - Transom Mounted		15000A14		36, 559
Power Trim Switch Kit - 10 ft. (3.0 m)	With or without tiller handle	87- 18286A18		27, 580
Power Trim Switch Kit - 25 ft. (7.6 m)	With or without tiller handle	87- 18286A19		580
Lanyard Stop Switch, single engine	Flush mounted	87- 19674A07		565
	Chrome bezel mounted	87- 19674A08		565
Lanyard Stop Switch, dual engines	Flush mounted	87- 19674A12		565
	Chrome bezel mounted	87- 19674A13		565
MerCathode		88334A 2		177
	Fuel Line Assemblies, Tanks & Hardware (Low Permeation hoses shown below)			
Fuel Filter - EFI Models		35-879885Q		236
Fuel Line 100 ft. (30.5m) - (low permeation)	3/8 ID	32-8M0038563		69
	5/16 ID	32-8M0038500		69
Fuel Line Coupler	Barbed ends, couples 3/8 ID line to 5/16 ID line	22-8M0001721		73
Fuel Tank (US-EPA) 6.6 gal. (25 L) Box Style	US-EPA 2011 Compliant	1200-8M0054600		
Fuel Tank (non-US) 6.6 gal. (25 L) Box Style	Threaded fuel line connection	1200-8M0057256		
Fuel Tank (non-US) 6.6 gal. (25 L) Box Style	Threaded fuel line connection & integral gauge	1200-8M0047607		66
Fuel Tank (non-US) 6.6 gal. (25 L) Box Style	Quick connect fuel line connection/integral gauge	1200-8M0083451		65
Fuel Tank (US-EPA) 6.6 gal. Suitcase Style	US-EPA 2011 Compliant	1200-8M0045691		
Fuel Tank (non-US) 6.6 gal. Suitcase Style	Threaded fuel line connection	1200-8M0057254		66
Fuel Tank (non-US) 6.6 gal. Suitcase Style	Threaded fuel line connection & integral gauge	1200-8M0047603		66
Fuel Tank (non-US) 6.6 gal. Suitcase Style	Quick connect fuel line connection/integral gauge	1200-8M0083452		65
Primer Bulb Assembly (US-EPA)	MPP Branded	8M0061876		69
	QS Branded	8M0061875		
Primer Bulb Assembly (non-EPA)	MPP Branded	8M0054314		69
	QS Branded	8M0054313		69

Description	Application	Part Number	Thru P/N	Page
	Miscellaneous Accessories			
Oil Filter - QS		35-8M0162830		286
Oil Filter - MPP		35-8M0162829		89
Oil Filter Wrench - QS		91-802653Q02		314
Oil Filter Wrench - MPP		91-802653K02		
Crankcase Oil Pump		802889Q 1		313
Tiller Handle Kit	40 BigFoot, 50 & 60	880093A03		40
	Converts ERC (remote) to EH (tiller)			
Big Tiller for ELPT Models	Manual mechanical, non-power steering	NLA		
Big Tiller for ELHPT Models	Manual mechanical, non-power steering	NLA		
Big Tiller throttle/shift cable kit	Required for either version	8M0082354		41
Big Tiller Auxiliary Light	Optional	87-897978T02		42, 595
Big Tiller RPM Adjuster	Optional	87-8M0083437		42, 581
Tilt Limit Switch Kit	Analog device	899625K08		579
Driveshaft Extension Kit - 5 in. - 40 BigFoot	Converts 20 in. (508 mm) to 25 in. (635 mm)	12092A20		50
Driveshaft Ext. Kit - 2-1/2 in. - 50/60 Standard	Converts 20 in. (508 mm) to 22-1/2 in. (572 mm)	879150A88		
Driveshaft Ext. Kit - 5 in. - 50/60 BigFoot	Converts 20 in. (508 mm) to 25 in. (635 mm)	12092A20		50
Flushing Attachment - allows running engine - QS		44357Q 2		200
Flushing Attachment - allows running engine - MPP		44357T 2		61
	Steering			
Steering Cable Attaching Kit - Mechanical	Starboard entry	19608A14		628
	Port entry	19609A 6		628
Steering Bracket without carrying handle	Necessary to convert tiller to remote steering	816667A 2		48, 629

75-90-115 Hp FourStroke 1B366823-2B094995

Description		Part Number	Page
	Controls		
Side Mount - MSC 4000 Series - Electric w/trim	15 ft. (4.6 m) harness	8M0083666	
	20 ft. (6.1 m) harness	8M0083667	
	Extra 6 ft. extension (10 pin)	84-8M0058668	465
Dual Engine Remote Control Kit	Used with side mount controls	16909A 2	467
Panel Mount (with trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011213	461
	Finger Release - Black Handle	8M0030550	461
	Lock Bar	883710A02	462
Console Mount (single eng. with trim) - Commander		88688A25	468
Console Mount (single eng. with trim) - MCC 4500	Gen II	8M0059686	
Console Mount (dual eng. with trim) - Commander	Twin trim switches in handle	88688A22	468
Console Mount (dual eng. with trim) - MCC 4500	(Gen II) - single trim switch in handle	8M0075245	463

Description		Part Number			Page
Throttle/Shift Cables (two per engine) - (Gen I)	Premium	897977A03	thru	897977A50	
Throttle/Shift Cables (two per engine) - (Gen II)	Premium	897978A03	thru	897978A50	
	Analog Instrumentation				
75/80/90/100 hp. WOT = 5000-6000 RPMs					
115 hp. WOT = 5800-6400 RPM's					
Tachometer - 8000 RPM - Flagship	Black Face (setting 6P)	79-895283A06			423
	White Face (setting 6P)	79-895283A26			427
Tachometer - 8000 RPM - Admiral	Black Face (setting 6P)	79-895283Q06			435
	White Face setting (6P)	79-895283Q26			
Tachometer - 7000 RPM - Flagship	Black Face (setting 6P)	79-895283A05			423
	White Face (setting 6P)	79-895283A25			427
Tachometer - 7000 RPM - Admiral	Black Face (setting 6P)	79-895283Q05			434
	White Face (setting 6P)	79-895283Q25			441
Tachometer Harness - Analog - 5 ft.	Use with 14 pin Side Mount controls or harnesses.	84-892990T01			544
- Analog - 10 ft.	Use with 14 pin Side Mount controls or harnesses.	84-892990T10			544
- Analog - 15 ft.	Use with 14 pin Side Mount controls or harnesses.	84-892990T15			544
Speedometer - 65 MPH - Flagship	Black Face	79-895285A03			424
	White Face	79-895285A23			428
Speedometer - 65 MPH - Admiral	Black Face	79-895285Q03			435
	White Face	79-895285Q23			441
Battery Meter - Flagship	Black Face	79-895286A01			424
	White Face	79-895286A21			428
Battery Meter - Admiral	Black Face	79-895286Q01			435
	White Face	79-895286Q21			442
Fuel Gauge - Flagship	Black Face	79-895291A01			426
	White Face	79-895291A21			430
Fuel Gauge - Admiral	Black Face	79-895291Q01			437
	White Face	79-895291Q21			443
Cruiselog (hour meter) - Flagship	Black Face	79-895295A01			426
	White Face	79-895295A21			430
Cruiselog (hour meter) - Admiral	Black Face	79-895295Q01			437
	White Face	79-895295Q21			444
Power Trim - Flagship	Black Face	79-895292A01			426
	White Face	79-895292A21			430
Power Trim - Admiral	Black Face	79-895292Q01			437
	White Face	79-895292Q21			443
Power Trim Sender Kit	(equipped on engine from factory)	8M0098264			449
Water Pressure Gauge - 40 PSI - Flagship	Black Face	79-895288A05			425
	White Face	79-895288A25			429
Water Pressure Gauge - 40 PSI - Admiral	Black Face	79-895288Q05			436
	White Face	79-895288Q25			443
Water Pressure Fitting	(included in 40 PSI water pressure kits)	22-896094A01			

Description		Part Number	Page
(Verify engine for suitability of product)	SmartCraft Instrumentation		
SmartCraft Conversion Kit	Includes block water temp & pressure sensors	889250K01	411
	Includes trim position & pitot sensors		
	Gauges must be ordered separately		
SC1000 System Monitor - Front Mount	Rectangular	79-879896K21	403
SC1000 System Monitor - Rear Mount	Rectangular	79-879896K19	
SC1000 System Monitor - Front Mount	Round - Black	79-892219K19	403
	Round - White	79-892219K20	403
MercMonitor - NMEA 2000	Gateway Level 1 Data	79-8M0135536	402
	Gateway Level 2 Data and SmartTow RPM	79-8M0135617	402
	Gateway Level 3 Data and SmartTow Pro w/GPS puck	79-8M0135618	403
	Gateway Level 3 Data and SmartTow Premier	79-8M0135619	403
	MercMonitor - No NMEA2000 Data	79-8M0119406	
SC1000 Black - Glass Lens	Bezels must be ordered separately		
	Glass Lens, 7,000 Tach	79-8M0135641	390
	Glass Lens, Single Engine Kit	79-8M0135633	
	Glass Lens, Dual Engine Kit	79-8M0135632	
SC1000 White - Glass Lens	Bezels must be ordered separately		
	Glass Lens, 7,000 Tach	79-8M0135634	388
	Glass Lens, Single Engine Kit	79-8M0135658	389
	Glass Lens, Dual Engine Kit	79-8M0135688	
SC1000 Gray - Glass Lens	Bezels must be ordered separately		
	Glass Lens, 7,000 Tach	79-8M0135645	391
	Glass Lens, Single Engine Kit	79-8M0135648	
	Glass Lens, Dual Engine Kit	79-8M0135649	
VesselView Mobile		84-8M0115080	
VesselView403		8M0124498	383
VesselView502 Single Engine		8M0110643	383
VesselView502 Multi Engine		8M0110646	383
VesselView703 Single Engine		8M0124495	383
VesselView703 Multi Engine		8M0124496	383
VesselView903 Single Engine		8M0129543	382
VesselView903 Multi Engine		8M0129545	382
	Electrical		
Ignition/Choke Assembly - 2 ft. (.61 m) harness	with keyswitch	84-896537K02	557
Ignition/Choke Assembly - 8 ft. (2.4 m) harness	with keyswitch	84-896537K08	557
Ignition/Choke Assembly - 11 ft. (3.3 m) harness	with keyswitch	84-896537K11	557
Ignition/Choke Assembly - 15 ft. (4.6 m) harness	with keyswitch	84-896537K15	557
Ignition/Choke Assembly - 20 ft. (6.1 m) harness	with keyswitch	84-896537K20	558
Ignition/Choke Assembly - 25 ft. (6.1 m) harness	with keyswitch	84-896537K24	558
Power Trim Switch Kit - 10 ft. (3.0 m)	Surface or flush mounting	87- 18286A47	580
Power Trim Switch Kit - 25 ft. (7.6 m)	Surface or flush mounting	87- 18286A46	578
"Y" Harness for trim switches above	Allows tee-in of bow PT switch with remote controls	84-889295T	581

Description		Part Number	Page
Lanyard Stop Switch, single engine	Flush mounted	87- 19674A07	565
	Chrome bezel mounted	87- 19674A08	565
Lanyard Stop Switch, dual engines	Flush mounted	87- 19674A12	565
	Chrome bezel mounted	87- 19674A13	565
	Fuel Line Assemblies, Tanks & Hardware (new Low Permeation hoses shown below)		
Fuel Filter	In-Line filter	35-879885Q	236
Fuel Line 100 ft. (30.5m) - (low permeation)	5/16 ID	32-8M0038500	69
Fuel Line 100 ft. (30.5m) - (low permeation)	3/8 ID	32-8M0038563	69
Fuel Line Coupler	Barbed ends, couples 3/8 ID line to 5/16 ID line	22-8M0001721	73
Fuel Tank (US-EPA) 6.6 gal. Box Style	US-EPA 2011 Compliant	1200-8M0054600	
Fuel Tank (US-EPA) 6.6 gal. Suitcase Style	US-EPA 2011 Compliant	1200-8M0045691	
Fuel Tank (non-US) 6.6 gal. (25 L) Box Style	Quick connect fuel line connection/integral gauge	1200-8M0083451	65
Fuel Tank (non-US) 6.6 gal. Suitcase Style	Quick connect fuel line connection/integral gauge	1200-8M0083452	65
Connector Kit - QS branded	Contains on-engine and mating fuel line connector	22-804787Q	
Connector Kit - MPP branded	Contains on-engine and mating fuel line connector	22-804787T	73
	Miscellaneous Accessories		
Oil Filter - QS	Requires 91-889277Q01 or K01 filter wrench	35-877761Q01	286
Oil Filter - MPP	Requires 91-889277Q01 or K01 filter wrench	35-877761K01	90
Oil Filter Wrench - QS	Fits the 35-877761 series filter	91-889277Q01	315
Oil Filter Wrench - MPP	Fits the 35-877761 series filter	91-889277K01	
Crankcase Oil Pump		802889Q 1	313
Oil Pump Extraction Tube	Required with pump above	32-859717A 2	313
Tiller Handle Kit		NLA	
Big Tiller	Mechanical Non-Power Steering Version	NLA	
Big Tiller	Mechanical Power Steering Version	NLA	
Big Tiller throttle/shift cable kit	Required for either version	8M0082351	41
Replacement Skeg		15985A02	88, 871
Driveshaft Extension Kit - 5 inch	Converts 20 inch (508 mm) to 25 inch (635 mm)	12092A19	50
Tilt Limit Switch Kit	Analog device	899625K02	579
	Digital device	899625K04	579
Flushing Attachment - allows running engine - QS		44357Q 2	200
Flushing Attachment - allows running engine - MPP		44357T 2	61
Coastal Flush Kit		858566A03	62
Rigging Tube Kit	Includes 5 ft. of 2 inch tube, clamp & transom fit	32-825191A03	48, 472

Description		Part Number			Page
	Steering - Mechanical				
Link Rod Attaching Kit	Used with starboard entry attaching cables	92876A12			628
Ride Guide Attaching Kit	Single Engine - Two Cable	92876A 8			630
	Dual Engine - Two Cable	92876A 9			630
	Steering - Hydraulic				
Hydraulic Helms	Standard 1.4L Helm w/fluid & mtg. hdwe.	8M0050098			610
	Tilt Helm w/fluid & mtg. hdwe.	8M0050099			610
Remote Fill Kit	Use with Tilt Helm Kit	64-889934A05			613
Hydraulic Hoses	Cylinder to Helm	32-8M0053474	thru	8M0053491	612
Hydraulic Cylinder - Standard Rotation		8M0054993			

75-90-115 Hp FourStroke (Standard Models, non-SeaPro and non-ProXS) 2B094996 and Up

Description		Part Number			Page
	Controls				
Side Mount - MSC 4000 Series - Electric w/trim	15 ft. (4.6 m) harness	8M0083666			
	20 ft. (6.1 m) harness	8M0083667			
	Extra 6 ft. extension (10 pin)	84-8M0058668			465
Dual Engine Remote Control Kit	Used with side mount controls	16909A 2			467
Panel Mount (with trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011213			461
	Finger Release - Black Handle	8M0030550			461
	Lock Bar	883710A02			462
Console Mount (single eng. with trim) - Commander		88688A25			468
Console Mount (single eng. with trim) - MCC 4500	Gen II	8M0059686			
Console Mount (dual eng. with trim) - Commander	Twin trim switches in handle	88688A22			468
Console Mount (dual eng. with trim) - MCC 4500	(Gen II) - single trim switch in handle	8M0075245			463
Throttle/Shift Cables (two per engine) - (Gen I)	Premium	897977A03	thru	897977A50	
Throttle/Shift Cables (two per engine) - (Gen II)	Premium	897978A03	thru	897978A50	
	Analog Instrumentation				
75/80 WOT = 4500-5500 RPMs 90/100/115 hp. WOT = 5000-6000 RPM's					
Tachometer - 8000 RPM - Flagship	Black Face (setting 6P)	79-895283A06			423
	White Face (setting 6P)	79-895283A26			427
Tachometer - 8000 RPM - Admiral	Black Face (setting 6P)	79-895283Q06			435
	White Face setting (6P)	79-895283Q26			
Tachometer - 7000 RPM - Flagship	Black Face (setting 6P)	79-895283A05			423
	White Face (setting 6P)	79-895283A25			427
Tachometer - 7000 RPM - Admiral	Black Face (setting 6P)	79-895283Q05			434
	White Face (setting 6P)	79-895283Q25			441

Description		Part Number	Page
Tachometer Harness - Analog - 5 ft.	Use with 14 pin Side Mount controls or harnesses.	84-892990T01	544
- Analog - 10 ft.	Use with 14 pin Side Mount controls or harnesses.	84-892990T10	544
- Analog - 15 ft.	Use with 14 pin Side Mount controls or harnesses.	84-892990T15	544
Speedometer - 65 MPH - Flagship	Black Face	79-895285A03	424
	White Face	79-895285A23	428
Speedometer - 65 MPH - Admiral	Black Face	79-895285Q03	435
	White Face	79-895285Q23	441
Battery Meter - Flagship	Black Face	79-895286A01	424
	White Face	79-895286A21	428
Battery Meter - Admiral	Black Face	79-895286Q01	435
	White Face	79-895286Q21	442
Fuel Gauge - Flagship	Black Face	79-895291A01	426
	White Face	79-895291A21	430
Fuel Gauge - Admiral	Black Face	79-895291Q01	437
	White Face	79-895291Q21	443
Cruiselog (hour meter) - Flagship	Black Face	79-895295A01	426
	White Face	79-895295A21	430
Cruiselog (hour meter) - Admiral	Black Face	79-895295Q01	437
	White Face	79-895295Q21	444
Power Trim - Flagship	Black Face	79-895292A01	426
	White Face	79-895292A21	430
Power Trim - Admiral	Black Face	79-895292Q01	437
	White Face	79-895292Q21	443
Power Trim Sender Kit	(equipped on engine from factory)	8M0098264	449
Water Pressure Gauge - 40 PSI - Flagship	Black Face	79-895288A05	425
	White Face	79-895288A25	429
Water Pressure Gauge - 40 PSI - Admiral	Black Face	79-895288Q05	436
	White Face	79-895288Q25	443
Water Pressure Fitting	Kit to connect to analog gauge	32-8M0088855	447
(Verify engine for suitability of product)	SmartCraft Instrumentation		
SmartCraft Sensor Kits	Pitot Sensor Kit	8M0090447	421
	Water Pressure Digital Kit	8M0089111	
SC1000 System Monitor - Front Mount	Rectangular	79-879896K21	403
SC1000 System Monitor - Rear Mount	Rectangular	79-879896K19	
SC1000 System Monitor - Front Mount	Round - Black	79-892219K19	403
	Round - White	79-892219K20	403
MercMonitor - NMEA 2000	Gateway Level 1 Data	79-8M0135536	402
	Gateway Level 2 Data and SmartTow RPM	79-8M0135617	402
	Gateway Level 3 Data and SmartTow Pro w/GPS puck	79-8M0135618	403
	Gateway Level 3 Data and SmartTow Premier	79-8M0135619	403
	MercMonitor - No NMEA2000 Data	79-8M0119406	403

Description		Part Number	Page
SC1000 Black - Glass Lens	Bezels must be ordered separately		
	Glass Lens, 7,000 Tach	79-8M0135641	390
	Glass Lens, Single Engine Kit	79-8M0135633	
	Glass Lens, Dual Engine Kit	79-8M0135632	
SC1000 White - Glass Lens	Bezels must be ordered separately		
	Glass Lens, 7,000 Tach	79-8M0135634	388
	Glass Lens, Single Engine Kit	79-8M0135688	
	Glass Lens, Dual Engine Kit	79-8M0135626	
SC1000 Gray - Glass Lens	Bezels must be ordered separately		
	Glass Lens, 7,000 Tach	79-8M0135645	391
	Glass Lens, Single Engine Kit	79-8M0135648	
	Glass Lens, Dual Engine Kit	79-8M0135649	
VesselView Mobile		84-8M0115080	
VesselView403		8M0124498	383
VesselView502 Single Engine		8M0110643	383
VesselView502 Multi Engine		8M0110646	383
VesselView703 Single Engine		8M0124495	383
VesselView703 Multi Engine		8M0124496	383
VesselView903 Single Engine		8M0129543	382
VesselView903 Multi Engine		8M0129545	382
	Electrical		
Ignition/Choke Assembly - 2 ft. (.61 m) harness	with keyswitch	84-896537K02	557
Ignition/Choke Assembly - 8 ft. (2.4 m) harness	with keyswitch	84-896537K08	557
Ignition/Choke Assembly - 11 ft. (3.3 m) harness	with keyswitch	84-896537K11	557
Ignition/Choke Assembly - 15 ft. (4.6 m) harness	with keyswitch	84-896537K15	557
Ignition/Choke Assembly - 20 ft. (6.1 m) harness	with keyswitch	84-896537K20	558
Ignition/Choke Assembly - 25 ft. (6.1 m) harness	with keyswitch	84-896537K24	558
Power Trim Switch Kit - 10 ft. (3.0 m)	Surface or flush mounting	87- 18286A47	580
Power Trim Switch Kit - 25 ft. (7.6 m)	Surface or flush mounting	87- 18286A46	578
"Y" Harness for trim switches above	Allows tee-in of bow PT switch with remote controls	84-889295T	581
Lanyard Stop Switch, single engine	Flush mounted	87- 19674A07	565
	Chrome bezel mounted	87- 19674A08	565
Lanyard Stop Switch, dual engines	Flush mounted	87- 19674A12	565
	Chrome bezel mounted	87- 19674A13	565
	Fuel Line Assemblies, Tanks & Hardware (new Low Permeation hoses shown below)		
Low Pressure In-line Fuel Filter	Located under cowl	35-879885K	75
Water Separating Fuel Filter Kit	Located in boat, provides warning signal	8M0109543	77
Fuel Line 100 ft. (30.5m) - (low permeation)	5/16 ID	32-8M0038500	69
Fuel Line 100 ft. (30.5m) - (low permeation)	3/8 ID	32-8M0038563	69
Fuel Line Coupler	Barbed ends, couples 3/8 ID line to 5/16 ID line	22-8M0001721	73
Fuel Tank (US-EPA) 6.6 gal. Box Style	US-EPA 2011 Compliant	1200-8M0054600	
Fuel Tank (US-EPA) 6.6 gal. Suitcase Style	US-EPA 2011 Compliant	1200-8M0045691	

Description		Part Number	Page
Fuel Tank (non-US) 6.6 gal. (25 L) Box Style	Quick connect fuel line connection/integral gauge	1200-8M0083451	65
Fuel Tank (non-US) 6.6 gal. Suitcase Style	Quick connect fuel line connection/integral gauge	1200-8M0083452	65
Primer Bulb Assembly	Not used with this system		
Connector Kit - MPP branded	Contains on-engine and mating fuel line connector	22-804787T	73
	Miscellaneous Accessories		
Oil Filter - MPP		35-8M0162829	89
Oil Filter Wrench - MPP		91-802653K02	
Crankcase Oil Pump		802889Q 1	313
Oil Pump Extraction Tube	Required with pump above	32-859717A 2	313
Big Tiller	Mechanical Non-Power Steering Version	NLA	
Big Tiller throttle/shift cable kit		8M0082351	41
Replacement Skeg	Standard gearcase	8M0090442	88
	Command Thrust gearcase	8M0060147	89, 872
Driveshaft Extension Kit - Standard gearcase	Converts 20 inch (508 mm) to 25 inch (635 mm)	8M0105089	51
Driveshaft Extension Kit - Command Thrust	Converts 20 inch (508 mm) to 25 inch (635 mm)	8M0105090	51
Steering Trim Tab - Standard Gearcase		8M0091534	233
Tilt Converter/Limit Switch Kit	Provides digital trim signal AND limits trim range	8M0118725	450
Flushing Attachment - allows running engine - QS		44357Q 2	200
Flushing Attachment - allows running engine - MPP		44357T 2	61
Rigging Tube Kit	Includes 5 ft. of 2 inch tube, clamp & transom fit	32-825191A03	48, 472
	Steering - Mechanical		
Link Rod Attaching Kit	Used with starboard entry attaching cables	92876A12	628
Ride Guide Attaching Kit	Single Engine - Two Cable	92876A 8	630
	Dual Engine - Two Cable	92876A 9	630
	Steering - Hydraulic		
Hydraulic Helms	Standard 1.4L Helm w/fluid & mtg. hdwe.	8M0050098	610
	Tilt Helm w/fluid & mtg. hdwe.	8M0050099	610
Remote Fill Kit	Use with Tilt Helm Kit	64-889934A05	613
Hydraulic Hoses	Cylinder to Helm	32-8M0053474 thru 8M0053491	612
Hydraulic Cylinder - Standard Rotation		8M0054993	

150 EFI FourStroke (Standard Models, non-SeaPro and non ProXS) 1B905505 & above

Description		Part Number	Page
	Controls		
Side Mount - MSC 4000 Series - Electric w/trim	15 ft. (4.6 m) harness	8M0083666	
	20 ft. (6.1 m) harness	8M0083667	
	Extra 6 ft. extension (10 pin)	84-8M0058668	465
Dual Engine Remote Control Kit	(for side mount control stacking)	16909A 2	467
Panel Mount (with trim) - MPC 4000 Series (Gen II)	Finger Release - Black Handle	8M0011213	461
	Finger Release - Chrome Handle	8M0030550	461
	Lock Bar	883710A02	462
Console Mount (single eng. with trim) - Commander		88688A25	468
Console Mount (single eng. with trim) - MCC 4500	Gen II	8M0059686	
Console Mount (dual eng. with trim) - Commander	Twin trim switches in handle	88688A22	468
Console Mount (dual eng. with trim) - MCC 4500	(Gen II) - single trim switch in handle	8M0075245	463
Throttle/Shift Cables (two per engine) - (Gen I)	(Premium Series)	897977A03 thru 897977A50	
Throttle/Shift Cables (two per engine) - (Gen II)	(Premium Series)	897978A03 thru 897978A50	
	Instrumentation - Analog Gauges		
150 HP. Max WOT Range = 5,000-5,800 RPM's			
Analog Gauge Interface	Required for analog water temp or analog oil pressure	892486K08	420
	Trim Sensor Converter not required if AGI is used		
Service Monitor	Apply 3 wraps for proper operation	79-8M0050399	453
Tachometer - 7000 RPM - Flagship	Black Face	79-895283A05	423
	White Face	79-895283A25	427
Tachometer - 7000 RPM - Admiral	Black Face	79-895283Q05	434
	White Face	79-895283Q25	441
Tachometer - 6000 RPM - Flagship	Black Face	79-895283A03	423
	White Face	79-895283A23	427
Tachometer - 6000 RPM - Admiral	Black Face	79-895283Q03	434
	White Face	79-895283Q23	441
Tachometer Harness - Analog	5 ft. length x 14 pin	84-892990T01	544
	10 ft. length x 14 pin	84-892990T10	544
	15 ft. length x 14 pin	84-892990T15	544
Speedometer - 80 MPH - Flagship	Black Face	79-895285A04	424
	White Face	79-895285A24	428
Speedometer - 80 MPH - Admiral	Black Face	79-895285Q04	435
	White Face	79-895285Q24	441
Speedometer - 65 MPH - Flagship	Black Face	79-895285A03	424
	White Face	79-895285A23	428
Speedometer - 65 MPH - Admiral	Black Face	79-895285Q03	435
	White Face	79-895285Q23	441

Description		Part Number	Page
Battery Meter - Flagship	Black Face	79-895286A01	424
	White Face	79-895286A21	428
Battery Meter - Admiral	Black Face	79-895286Q01	435
	White Face	79-895286Q21	442
Fuel Gauge - Flagship	Black Face	79-895291A01	426
	White Face	79-895291A21	430
Fuel Gauge - Admiral	Black Face	79-895291Q01	437
	White Face	79-895291Q21	443
Cruiselog (hour meter) - Flagship	Black Face	79-895295A01	426
	White Face	79-895295A21	430
Cruiselog (hour meter) - Admiral	Black Face	79-895295Q01	437
	White Face	79-895295Q21	444
Trim Sensor Converter	Converts digital trim signal to analog	8M0059529	450
Power Trim - Flagship - Analog	Black Face - Converter or AGI required	79-895292A01	426
	White Face - Converter or AGI required	79-895292A21	430
Power Trim - Admiral - Analog	Black Face - Converter or AGI required	79-895292Q01	437
	White Face - Converter or AGI required	79-895292Q21	443
Water Pressure Fitting Kit	Fitting to connect to engine block	32-8M0063663	
Water Pressure Gauge - 30 PSI - Flagship	Black Face	79-895288A03	425
	White Face	79-895288A23	429
Water Pressure Gauge - 30 PSI - Admiral	Black Face	79-895288Q03	436
	White Face	79-895288Q23	442
Water Temperature Gauge (100-240 deg. F) - Flagshi	Black Face - requires AGI	79-895287A01	424
	White Face - requires AGI	79-895287A21	428
Water Temperature Gauge (100-240 deg. F) - Admiral	Black Face - requires AGI	79-895287Q01	435
	White Face - requires AGI	79-895287Q21	442
Dual Engine Synchronizer - Flagship	Black Face	79-895294A01	426
	White Face	79-895294A21	
Dual Engine Synchronizer - Admiral	Black Face	79-895294Q01	437
	White Face	79-895294Q21	443
	Instrumentation - SmartCraft Gauges		
MercMonitor - NMEA 2000	Gateway Level 1 Data	79-8M0135536	402
	Gateway Level 2 Data and SmartTow RPM	79-8M0135617	402
	Gateway Level 3 Data and SmartTow Pro w/GPS puck	79-8M0135618	403
	Gateway Level 3 Data and SmartTow Premier	79-8M0135619	403
	MercMonitor - No NMEA2000 Data	79-8M0119406	403
VesselView Mobile		84-8M0115080	
VesselView403		8M0124498	383
VesselView502 Single Engine		8M0110643	383
VesselView502 Multi Engine		8M0110646	383
VesselView703 Single Engine		8M0124495	383
VesselView703 Multi Engine		8M0124496	383
VesselView903 Single Engine		8M0129543	382
VesselView903 Multi Engine		8M0129545	382

Description		Part Number	Page
SC1000 - Black	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135641	390
	Glass Lens, Single Engine Kit	79-8M0135633	
	Glass Lens, Dual Engine Kit	79-8M0135632	
SC1000 - White	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135634	388
	Glass Lens, Single Engine Kit	79-8M0135688	
	Glass Lens, Dual Engine Kit	79-8M0135626	
SC1000 - Gray	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135645	391
	Glass Lens, Single Engine Kit	79-8M0135648	
	Glass Lens, Dual Engine Kit	79-8M0135649	
SmartCraft Pitot Sensor Kit	Components to use Pitot for Speed	8M0090447	421
SmartCraft Water Pressure Fitting Kit	Components to display water pressure	8M0059531	447
	Electrical		
Ignition/Choke Assembly - 2 ft. (609 mm) harness		84-896537K02	557
Ignition/Choke Assembly - 8 ft. (2.44 m) harness		84-896537K08	557
Ignition/Choke Assembly - 11 ft. (3.35 m) harness		84-896537K11	557
Ignition/Choke Assembly - 15 ft. (4.6 m) harness		84-896537K15	557
Ignition/Choke Assembly - 20 ft. (6.1 m) harness		84-896537K20	558
Ignition/Choke Assembly - 25 ft. (7.62 m) harness	Single harness	84-896537K24	558
Ignition/Choke Assembly - 25 ft. (7.62 m) harnesses	Two harnesses	84-896537K25	558
Ignition/Choke Assembly - 30 ft. (9.14 m) harness	Single harness	84-896537K29	558
Ignition/Choke Assembly - 30 ft. (9.14 m) harnesses	Two harnesses	84-896537K30	558
Lanyard Stop Switch, single engine	Flush mounted	87- 19674A07	565
	Chrome bezel mounted	87- 19674A08	565
Lanyard Stop Switch, dual engine	Flush mounted	87- 19674A12	565
	Chrome bezel mounted	87- 19674A13	565
Lanyard Stop Switch, triple or quad	Flush mounted	87- 19674A14	
	Chrome bezel mounted	87- 19674A15	
Diode Assembly - dual engine	(required to use a single lanyard)	84-898289A72	566
	Fuel Line Assemblies, Tanks & Hardware (Low Permeation hoses shown below)		
Low Pressure Inline Fuel Filter	Located under cowl	35-879885Q	236
High Pressure Inline Fuel Filter	Located under cowl	NLA	
Water Separating Fuel Filter Kit	Locate in boat, provides warning signal	8M0109543	77
Bulk Fuel Line - (low permeation)	5/16 ID - no bulb or ends - 100 ft.	32-8M0038500	69
	3/8 ID - no bulb or ends - 100 ft.	32-8M0038563	69
Fuel Line Connector	3/8 to 5/16	22-8M0001721	73
Primer Bulb	Not used with this system	NA	
Fuel Tank (US-EPA) 6.6 gal. Box Style	US-EPA 2011 Compliant	1200-8M0054600	
Fuel Tank (US-EPA) 6.6 gal. Suitcase Style	US-EPA 2011 Compliant	1200-8M0045691	
Fuel Tank (non-US) 6.6 gal. (25 L) - Plastic Box Style	Quick connect fuel line connection/integral gauge	1200-8M0083451	65
Fuel Tank (non-US) 6.6 gal. - Plastic Suitcase Style	Quick connect fuel line connection/integral gauge	1200-8M0083452	65

Description		Part Number			Page
	Miscellaneous Accessories				
Oil Filter		35-877761K01			90
Oil Filter Wrench		91-889277K01			
Replacement Skeg		8M0060147			89, 872
Driveshaft Extension Kit	Converts an X model to an XL	8M0105087			51
Rigging Hose Kit	Includes new grommet 8M0062583	32-8M0062693			48, 473
Trim Limit Switch Kit - electronic switch style	Analog device	8M0059532			579
Big Tiller	Mechanical Power Steering Version	NLA			
Big Tiller throttle/shift cable kit	Required	8M0082355			42, 594
Big Tiller Auxiliary Light	Optional	87-897978T02			42, 595
RPM Adjuster	Optional	87-8M0083437			42, 581
Theft Deterrent System	Engine Immobilizer	8M0057383			
Jet Pump	Rated 110 HP	67-8M0064433			
Flushing Attachment - allows running engine - Q/S	(not for use with Jet)	44357Q 2			200
Flushing Attachment - allows running engine - MPP	(not for use with Jet)	44357T 2			61
	Hydraulic Steering				
Hydraulic Steering - Dual Engine	Standard Helm without hoses	8M0056139			611
	Tilit Helm without hoses	8M0056140			611
	Standard Cylinder	8M0050097			611
	Port Cylinder	8M0056145			611
Hydraulic Hoses	2 to 30 foot lengths	32-8M0053474	thru	8M0053491	612
	Power Steering				
Power Steering - Multiple Engines	Standard Helm without hoses	892380K05	thru	892380K12	
	Tilt Helm without hoses	892560K31	thru	892560K35	
	Standard Cylinder	898349A11			598
	Counter Rotation Cylinder	898349A14			598
Power Steering Hoses (Pump)	2 to 30 ft. lengths	32-892438K02	thru	892438K30	
Dual Engine Tie Bars	Single Cylinder Tie Bars - 26, 28, 30, 32, 34 inch lengths	64-8M0063473	thru	8M0063477	607

135-150-175-200 (4 Cylinder) Verado 1B311420 & up

Description		Part Number	Page
	Rigging Kits for Verado DTS Engines		
Panel Mount - Chrome - Master Rigging Kit	Single Engine	892984K31	
Panel Mount - Black - Master Rigging Kit	Single Engine	892984K32	

Description		Part Number	Page
Slim Binnacle - Chrome	Single Engine	896609K31	
Slim Binnacle - Black	Single Engine	896609K32	
Console Mount - Chrome - Master Rigging Kit	Single Engine	877775K48	
Console Mount - Black - Master Rigging Kit	Single Engine	877775K48	
Console Mount - Chrome - Master Rigging Kit	Dual Engine	8M0079499	
Console Mount - Black - Master Rigging Kit	Dual Engine	877775K31	
	Controls		
Panel Mount - Chrome - Single Engine	(included in Master Kits above)	892984A01	
Panel Mount - Black - Single Engine	(included in Master Kits above)	892984A02	
Slim Binnacle - Chrome	(included in Master Kit above)	896609A01	
Slim Binnacle - Black	(included in Master Kit above)	896609A02	
Console Mount - Chrome - Single Engine	(included in Master Kits above)	NLA	
Console Mount - Black - Single Engine	(included in Master Kits above)	877775A12	
Console Mount - Chrome - Dual Engine	(included in Master Kits above)	877775A19	
Console Mount - Black - Dual Engine	(included in Master Kits above)	877775A11	
DTS Foot Throttle Control Kit	Hot Foot	893359K03	456
	Instrumentation - Analog Gauges		
135 Hp. Max WOT Range = 5200-6400 RPM's 150/175/200 Max WOT = 5,800-6.400 RPM's			
Analog Gauge Interface	Converts digital signal for use of analog gauges	892486K08	420
	Instrumentation - SmartCraft (Verify engine for suitability of product.)		
SC1000 System Monitor - Front Mount	Rectangular	79-879896K21	403
SC1000 System Monitor - Rear Mount	Rectangular	79-879896K19	
SC1000 System Monitor - Front Mount	Round - Black	79-892219K19	403
SC1000 System Monitor - Front Mount	Round - White	79-892219K20	403
SC1000 Black - Glass Lens	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135641	390
	Glass Lens, Single Engine Kit	79-8M0135633	
	Glass Lens, Dual Engine Kit	79-8M0135632	
SC1000 White - Glass Lens	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135634	388
	Glass Lens, Single Engine Kit	79-8M0135688	
	Glass Lens, Dual Engine Kit	79-8M0135626	
SC1000 Gray - Glass Lens	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135645	391
	Glass Lens, Single Engine Kit	79-8M0135648	

Description		Part Number			Page
	Glass Lens, Dual Engine Kit	79-8M0135649			
MercMonitor	Gateway Level 1 Data	79-8M0135536			402
	Gateway Level 2 Data and SmartTow RPM	79-8M0135617			402
	Gateway Level 3 Data and SmartTow Pro w/GPS puck	79-8M0135618			403
	Gateway Level 3 Data and SmartTow Premier	79-8M0135619			403
	MercMonitor - No NMEA2000 Data	79-8M0119406			403
VesselView Mobile		84-8M0115080			
VesselView403		8M0124498			383
VesselView502 Single Engine		8M0110643			383
VesselView502 Multi Engine		8M0110646			383
VesselView703 Single Engine		8M0124495			383
VesselView703 Multi Engine		8M0124496			383
VesselView903 Single Engine		8M0129543			382
VesselView903 Multi Engine		8M0129545			382
	Electrical				
Key Switch - DTS - 3 position	Single	87-897716K01			554
Key Switch - DTS - 3 position	Dual	87-897716K02			555
3 position switch housing		879305A01			555
Key Switch - DTS - 4 position	(no cover or bezel)	87-893353A02			554
	(includes key cover & bezel)	87-893353A03			554
	Matched Keys - Dual	87-893353A04			554
	Matched Keys - Triple	87-893353A05			554
DTS Command Module Kit	Panel Mount - Single	84-893377K04			498
	Console/Zero Effort - Single	84-892955K04			
	Console/Zero Effort - Dual	84-893378K04			
	Slim Binnacle	84-896372K02			
14 Pin Data Cable	From engine to helm	84-892451T06	thru	84-892451T40	546
Lanyard Stop Switch, single engine	Flush mounted	87- 19674A07			565
	Chrome bezel mounted	87- 19674A08			565
Lanyard Stop Switch, dual engines	Flush mounted	87- 19674A12			565
	Chrome bezel mounted	87- 19674A13			565
Lanyard Stop Switch, triple or quad	Flush mounted	87- 19674A14			
	Chrome bezel mounted	87- 19674A15			
Accessory Power Harness Kit		84-899785K04			552
	Fuel Line Assemblies, Tanks & Hardware (new Low Permeation hose shown below)				
Fuel Filter	Cartridge Element	35-8M0122423			247
Fuel Filter	In-line	35-879885Q			236
Water Separating Fuel Filter Kit	Vessel mounted, provides warning signal	35-8M0113498			79
Fuel Line - (low permeation)	3/8 inch Fuel Line Required	32-8M0038563			69
	Miscellaneous Accessories				
Oil Filter - QS		35-877767Q01			286

Description		Part Number			Page
Oil Filter - MPP		35-877767K01			90
Rigging Hose Kit		32-825191A03			48, 472
Trailering Clip		833006A 1			32
Battery Cable Set	1 Pos -1 Neg - 12 ft.	84- 88439A50			32, 583
Big Tiller	DTS Power Steering Version	8M0134609			41
Tilt Limit Switch Kit	Digital device	899625K05			
Gearcase Replacement Skeg	Fits the 4.80 torpedo gearcase	898245A01			88, 872
Flushing Attachment - allows running engine - Q/S	(not for use with Jet)	44357Q 2			200
Flushing Attachment - allows running engine - MPP	(not for use with Jet)	44357T 2			61
Dual Water Pickup Flush Seal Kit - Q/S		881150Q 1			
Dual Water Pickup Flush Seal Kit - MPP		881150K 1			201
	Hydraulic Steering				
Hydraulic Helms	Standard 1.5L Helm w/ fluid & mtg. hdwe.	8M0056139			611
	Tilt Helm w/ fluid & mtg. hdwe.	8M0056140			611
Remote Fill Kit	Use with Tilt Helm Kit	64-889934A05			613
Hydraulic Hoses	Cylinder to Helm	32-8M0053474	thru	8M0053491	612
Steering Cylinder - Standard Rotation	Used on hydraulic or power steering systems	8M0050097			611
Steering Cylinder - Counter Rotation	Used on hydraulic or power steering systems	8M0056145			611
	Power Steering - Optional				
Power Steering Primer Module		91-895040K01			601
Power Steering Rigging Kit, Single Engine	Standard w/pump, signal harness & helm, 4 ft. (optional lengths available)	892380K05			
	Tilt w/pump, signal harness & helm, 4 ft. (optional lengths available)	892560K35			
Power Steering Rigging Kit, Dual Engines	Standard w/pump, signal harness & helm, 4 ft. (optional lengths available)	892380K36			
	Tilt w/pump, signal harness & helm, 4 ft. (optional lengths available)	892560K56			
Steering Helm - Standard	Single (included in kit above)	892380A02			
Steering Helm - Tilt	Single (included in kit above)	8M0030272			
Power Steering Kicker Kit		897478K02			
Power Steering Module (pump & motor)	(with 4 ft. battery leads)	8M0080199			
	(with 12 ft. battery leads)	8M0122662			
	(with 24 ft. battery leads)	8M0080201			
Multiple Battery Fuse Harness Assembly	50 amp power steering fuse circuit	84-898289T77	thru	84-898289T79	
Power Steering Signal Harness - 10 ft.	Multiple engines require 1 harness per engine	84-8M0138676			600
Power Steering Signal Harness - 20 ft.	Multiple engines require 1 harness per engine	84-8M0138677			600
Power Steering Signal Harness - 30 ft.	Multiple engines require 1 harness per engine	84-8M0138678			600
Power Steering Signal Y Harness	Dual Engine	84-892868T01			600

Description		Part Number			Page
	Triple Engine	84-892868T02			600
Power Steering Hose Kit	Cylinder to Helm	32-8M0046914	thru	32-8M0046928	
	Power Module to Helm	32-892438K02	thru	32-892438K24	
	Pressure Hose - Dual Station	32-892825008	thru	32-892825026	602
Steering Cylinder - Standard Rotation	Used on hydraulic or power steering systems	898349A11			598
Steering Cylinder - Counter Rotation	Used on hydraulic or power steering systems	898349A14			598
	Dual Engine & Kicker Tie Bars (Common to both Hydraulic and Power Steering Options)				
Dual Engine Tie Bars	Single Cylinder - Dual Engine	64-8M0063473	thru	8M0063477	607
	Dual Cylinders - Dual Engines	64-892789Q22	thru	64-892789Q27	608
Kicker Tie Bar	Port engine mount	898370A03			608
	Starboard engine mount	898966A02			608

200-225-250-275-300 (6 cyl) Verado 1B390143 & up

Description		Part Number			Page
	Rigging Kits for Verado DTS Engines				
Panel Mount - Chrome - Master Rigging Kit	Single Engine	892984K31			
Panel Mount - Black - Master Rigging Kit	Single Engine	892984K32			
Slim Binnacle - Chrome	Single Engine	896609K31			
Slim Binnacle - Black	Single Engine	896609K32			
Console Mount - Chrome - Master Rigging Kit	Single Engine	877775K48			
Console Mount - Chrome - Master Rigging Kit	Dual Engine	8M0079499			
Console Mount - Black - Master Rigging Kit	Dual Engine	877775K31			
Triple Engine - Shadow Mode	Includes Control	877775K35			
Triple Engine - DTS Rigging Kit	Zero Effort control must be ordered separately	892955K32			
Quad Engine - Shadow Mode		877775K17			
	Controls				
Panel Mount - Chrome - Single Engine	(included in Master Kits above)	892984A01			
Panel Mount - Black - Single Engine	(included in Master Kits above)	892984A02			
Console Mount - Chrome - Single Engine	(included in Master Kits above)	877775A23			
Console Mount - Black - Single Engine	(included in Master Kits above)	877775A12			
Console Mount - Chrome - Dual Engine	(included in Master Kits above)	877775A19			
Console Mount - Black - Dual Engine	(included in Master Kits above)	877775A11			
Triple Engine - Shadow Mode	(included in Master Kit above)	877775A21			
Zero Effort Control - 2 Lever	Order to complete Master Kit	NLA	thru	NLA	
Zero Effort Control - 4 Lever	Order to complete Master Kit	840714A 1	thru	840714A24	

Description		Part Number	Page
Zero Effort Control - 6 Lever	Order to complete Master Kit	840716A 2 thru 840716A19	
DTS Foot Throttle Control Kit	Hot Foot, MY2007 and newer	893359K03	456
	Instrumentation - Analog Gauges		
All Models Max WOT Range = 5,800-6,400 RPM's			
Analog Gauge Interface	Converts digital signal for use of analog gauges	892486K08	420
	Instrumentation - SmartCraft		
SC1000 System Monitor - Front Mount	Rectangular	79-879896K21	403
SC1000 System Monitor - Rear Mount	Rectangular	79-879896K19	
SC1000 System Monitor - Front Mount	Round - Black	79-892219K19	403
SC1000 System Monitor - Front Mount	Round - White	79-892219K20	403
SC1000 Black - Glass Lens	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135641	390
	Glass Lens, Single Engine Kit	79-8M0135633	
	Glass Lens, Dual Engine Kit	79-8M0135632	
SC1000 - White - Glass Lens	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135634	388
	Glass Lens, Single Engine Kit	79-8M0135688	
	Glass Lens, Dual Engine Kit	79-8M0135626	
SC1000 Gray - Glass Lens	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135645	391
	Glass Lens, Single Engine Kit	79-8M0135648	
	Glass Lens, Dual Engine Kit	79-8M0135649	
MercMonitor - NMEA 2000	Gateway Level 1 Data	79-8M0135536	402
	Gateway Level 2 Data and SmartTow RPM	79-8M0135617	402
	Gateway Level 3 Data and SmartTow Pro w/GPS puck	79-8M0135618	403
	Gateway Level 3 Data and SmartTow Premier	79-8M0135619	403
	MercMonitor - No NMEA2000 Data	79-8M0119406	403
VesselView Mobile		84-8M0115080	
VesselView403		8M0124498	383
VesselView502 Single Engine		8M0110643	383
VesselView502 Multi Engine		8M0110646	383
VesselView703 Single Engine		8M0124495	383
VesselView703 Multi Engine		8M0124496	383
VesselView903 Single Engine		8M0129543	382
VesselView903 Multi Engine		8M0129545	382
	Electrical		
Key Switch - DTS - 3 position	Single	87-897716K01	554
Key Switch - DTS - 3 position	Dual	87-897716K02	555
3 position switch housing		879305A01	555
Key Switch - DTS - 4 position	(no cover or bezel)	87-893353A02	554

Description		Part Number	Page
	(includes key cover & bezel)	87-893353A03	554
	Matched Keys - Dual	87-893353A04	554
	Matched Keys - Triple	87-893353A05	554
	Matched Keys - Quad	87-893353A06	554
Lanyard Stop Switch, single engine	Flush mounted	87- 19674A07	565
	Chrome bezel mounted	87- 19674A08	565
Lanyard Stop Switch, dual engines	Flush mounted	87- 19674A12	565
	Chrome bezel mounted	87- 19674A13	565
Lanyard Stop Switch, triple or quad	Flush mounted	87- 19674A14	
	Chrome bezel mounted	87- 19674A15	
DTS Command Module Kit	Panel Mount - Single	84-893377K04	498
	Console/Zero Effort - Single	84-892955K04	
	Console/Zero Effort - Dual	84-893378K04	
	Slim Binnacle	84-896372K02	
	Shadow Mode	84-896377K02	
	Quad - (requires both harnesses shown)	84-896377K03	
	Quad - (requires both harnesses shown)	84-892955K05	499
On/Off Hot Foot Kit		898259K01	456
14 Pin Data Cable	Standard lengths, 6-40 ft.	84-892451T06 thru 84-892451T40	546
	Long (low loss) lengths, 50-120 ft.	84-898138T70 thru 84-898138T12	
Clean Power Harness - engine to battery	Not included wtih XL or XXL models	84-8M0113732	552
Clean Power Harness - battery to helm J box	Not included with any engine models	84-8M0127682	552
Accessory Power Harness Kit		84-899785K04	552
	Fuel Line Assemblies, Tanks & Hardware (new Low Permeation hose shown below)		
Fuel Filter	Cartridge Element, Gen IV and prior	35-8M0122423	247
Fuel Filter		35-879885Q	236
Water Separating Fuel Filter Kit	Vessel mounted Gen IV and prior	35-8M0114618	78
Water Separating Fuel Filter	Vessel mounted Canister, Gen V and newer	8M0095659	
Fuel Line - (low permeation)	3/8 inch Fuel Line Required	32-8M0038563	69
	Miscellaneous Accessories		
Oil Filter - QS		35-877769Q01	286
Oil Filter - MPP		35-877769K01	91
Gearcase Oil Drain Funnel	Fits XL model only	91-892866A01	287
Rigging Hose Kit		32-825191A03	48, 472
Gearcase Fill Screw, 4.80 Gearcase	(with sealing washer)	10-880717A01	
Gearcase Fill Screw, 5.44 gearcase	(without sealing washer)	10-8M0071653	
Battery Cable Set	1 Pos -1 Neg - 12 ft.	84- 88439A50	32, 583
Tilt Limit Switch Kit	Digital device	899625K06	
Gearcase Replacement Skeg	Fits the 4.80 Torpedo gearcase	898245A01	88, 872

Description		Part Number			Page
Gearcase Replacement Skeg	Fits the 5.44 Torpedo gearcase	8M0052924			88, 872
Flushing Attachment - allows running engine - Q/S	(not for use with Jet)	44357Q 2			200
Flushing Attachment - allows running engine - MPP	(not for use with Jet)	44357T 2			61
Dual Water Pickup Flush Seal Kit - Q/S		881150Q 1			
Dual Water Pickup Flush Seal Kit - MPP		881150K 1			201
	Steering				
Power Steering Primer Module		91-895040K01			601
Power Steering Rigging Kit - Single Engine	Standard w/pump, signal harness & helm, 4 ft. shown, other lengths available	892380K05			
	Tilt w/ pump, signal harness & helm, 4 ft. shown, other lengths available	892560K35			
Power Steering Rigging Kit - Dual Engine	Standard w/pump, signal harness & helm, 4 ft. shown, other lengths available	892380K36			
	Tilt w/ pump, signal harness & helm, 4 ft. shown, other lengths available	892560K56			
Power Steering Rigging Kit - Triple Engine	Standard w/pump, signal harness & helm, 4 ft. shown, other lengths available	892558K33			
	Tilt w/ pump, signal harness & helm, 4 ft. shown, other lengths available	892516K53			
Power Steering Rigging Kit - Quad Engine	Standard w/pump, signal harness & helm, 4 ft. shown, other lengths available	NA			
	Tilt w/ pump, signal harness & helm, 4 ft. shown, other lengths available	892516K63			
Steering Helm - Standard	Single (included in kit above)	892380A02			
	Dual Station (included in kit above)	895816A02			
Steering Helm - Tilt	Single (included in kit above)	8M0030272			
	Dual Station (included in kit above)	895817A02			
Power Steering Kicker Kit		897478K01			
Power Steering Module (pump & motor)	(with 4 ft. battery leads)	8M0122660			
	(with 12 ft. battery leads)	892440A18			
	(with 24 ft. battery leads)	8M0122663			
Multiple Battery Fuse Harness Assembly	50 amp power steering circuit	84-898289T77	thru	84-898289T79	
Power Steering Signal Harness - 10 ft.	Multiple engines require 1 harness per engine	84-8M0138676			600
Power Steering Signal Harness - 20 ft.	Multiple engines require 1 harness per engine	84-8M0138677			600
Power Steering Signal Harness - 30 ft.	Multiple engines require 1 harness per engine	84-8M0138678			600
Power Steering Signal Y Harness	Dual Engine	84-892868T01			600
	Triple Engine	84-892868T02			600
Power Steering Hose Kit	Cylinder to Helm	32-8M0046914	thru	32-8M0046931	
	Power Module to Helm	32-892438K02	thru	32-892438K24	
	Pressure Hose - Dual Station	32-892825008	thru	32-892825026	602
Steering Cylinder for Counter Rotation Outboard		NA			
Gen 5 Dual Tie Bar Kit	25 inch to 27 inch center distance	8M0096314			607
	27 inch to 29 inch center distance	8M0096315			607
	29 inch to 31 inch center distance	8M0096316			607
	31 inch to 33 inch center distance	8M0096317			607
	33 inch to 35 inch center distance	8M0096319			607

Description		Part Number	Page
	35 inch to 37 inch center distance	8M0097267	607
Tie Bar, Add-an-Engine Kit	25 inch to 27 inch center distance	8M0096320	607
	27 inch to 29 inch center distance	8M0096321	607
	29 inch to 31 inch center distance	8M0096322	607
	31 inch to 33 inch center distance	8M0096323	607
	33 inch to 35 inch center distance	8M0096324	607
	35 inch to 37 inch center distance	8M0097268	607
Liquid Tie Bar Kit		893396A02	608
Kicker Bracket Engine Attachment		892822A02	609

175-225 V6 (3.4L) & 225-300HP V8 (4.6L) 2B529482 & up

Description		Part Number	Page
	Rigging Kits for Verado DTS Engines		
Panel Mount - Chrome - Master Rigging Kit	Single Engine	892984K31	
Panel Mount - Black - Master Rigging Kit	Single Engine	892984K32	
Slim Binnacle - Chrome	Single Engine	896609K31	
Slim Binnacle - Black	Single Engine	896609K32	
Console Mount - Chrome - Master Rigging Kit	Single Engine	877775K48	
Console Mount - Chrome - Master Rigging Kit	Dual Engine	8M0079499	
Console Mount - Black - Master Rigging Kit	Dual Engine	877775K31	
Triple Engine - Shadow Mode	Includes Control	877775K35	
Triple Engine - DTS Rigging Kit	Zero Effort control must be ordered separately	892955K32	
Quad Engine - Shadow Mode		877775K17	
	Controls		
Panel Mount - Chrome - Single Engine	(included in Master Kits above)	892984A01	
Panel Mount - Black - Single Engine	(included in Master Kits above)	892984A02	
Console Mount - Chrome - Single Engine	(included in Master Kits above)	877775A23	
Console Mount - Black - Single Engine	(included in Master Kits above)	877775A12	
Console Mount - Chrome - Dual Engine	(included in Master Kits above)	877775A19	
Console Mount - Black - Dual Engine	(included in Master Kits above)	877775A11	
Triple Engine - Shadow Mode	(included in Master Kit above)	877775A21	
Zero Effort Control - 2 Lever	Order to complete Master Kit	NLA thru NLA	
Zero Effort Control - 4 Lever	Order to complete Master Kit	840714A 1 thru 840714A24	
Zero Effort Control - 6 Lever	Order to complete Master Kit	840716A 2 thru 840716A19	
DTS Foot Throttle Control Kit	Hot Foot, MY2007 and newer	893359K03	456
	Instrumentation - Analog Gauges		
All Models Max WOT Range = 5,800-6,400 RPM's			

Description		Part Number	Page
Analog Gauge Interface	Converts digital signal for use of analog gauges	892486K08	420
	Instrumentation - SmartCraft		
SC1000 System Monitor - Front Mount	Rectangular	79-879896K21	403
SC1000 System Monitor - Rear Mount	Rectangular	79-879896K19	
SC1000 System Monitor - Front Mount	Round - Black	79-892219K19	403
SC1000 System Monitor - Front Mount	Round - White	79-892219K20	403
SC1000 Black - Glass Lens	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135641	390
	Glass Lens, Single Engine Kit	79-8M0135633	
	Glass Lens, Dual Engine Kit	79-8M0135632	
SC1000 - White - Glass Lens	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135634	388
	Glass Lens, Single Engine Kit	79-8M0135688	
	Glass Lens, Dual Engine Kit	79-8M0135626	
SC1000 Gray - Glass Lens	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135645	391
	Glass Lens, Single Engine Kit	79-8M0135648	
	Glass Lens, Dual Engine Kit	79-8M0135649	
MercMonitor - NMEA 2000	Gateway Level 1 Data	79-8M0135536	402
	Gateway Level 2 Data and SmartTow RPM	79-8M0135617	402
	Gateway Level 3 Data and SmartTow Pro w/GPS puck	79-8M0135618	403
	Gateway Level 3 Data and SmartTow Premier	79-8M0135619	403
	MercMonitor - No NMEA2000 Data	79-8M0119406	403
VesselView Mobile		84-8M0115080	
VesselView403		8M0124498	383
VesselView502 Single Engine		8M0110643	383
VesselView502 Multi Engine		8M0110646	383
VesselView703 Single Engine		8M0124495	383
VesselView703 Multi Engine		8M0124496	383
VesselView903 Single Engine		8M0129543	382
VesselView903 Multi Engine		8M0129545	382
	Electrical		
Key Switch - DTS - 3 position	Single	87-897716K01	554
Key Switch - DTS - 3 position	Dual	87-897716K02	555
3 position switch housing		879305A01	555
Key Switch - DTS - 4 position	(no cover or bezel)	87-893353A02	554
	(includes key cover & bezel)	87-893353A03	554
	Matched Keys - Dual	87-893353A04	554
	Matched Keys - Triple	87-893353A05	554
	Matched Keys - Quad	87-893353A06	554
Lanyard Stop Switch, single engine	Flush mounted	87- 19674A07	565
	Chrome bezel mounted	87- 19674A08	565

Description		Part Number	Page
Lanyard Stop Switch, dual engines	Flush mounted	87- 19674A12	565
	Chrome bezel mounted	87- 19674A13	565
Lanyard Stop Switch, triple or quad	Flush mounted	87- 19674A14	
	Chrome bezel mounted	87- 19674A15	
DTS Command Module Kit	Panel Mount - Single	84-893377K04	498
	Console/Zero Effort - Single	84-892955K04	
	Console/Zero Effort - Dual	84-893378K04	
	Slim Binnacle	84-896372K02	
	Shadow Mode	84-896377K02	
	Quad - (requires both harnesses shown)	84-896377K03	
	Quad - (requires both harnesses shown)	84-892955K05	499
On/Off Hot Foot Kit		898259K01	456
14 Pin Data Cable	Standard lengths, 6-40 ft.	84-892451T06 thru 84-892451T40	546
	Long (low loss) lengths, 50-120 ft.	84-898138T70 thru 84-898138T12	
Clean Power Harness - engine to battery	Not included with XL or XXL models	84-8M0113732	552
Clean Power Harness - battery to helm J box	Not included with any engine models	84-8M0127682	552
Clean Power Harness - Tool	Assist with removal of outboard engine from shipping crate	91-8M0147078	
Accessory Power Harness Kit		84-899785K04	552
	Fuel Line Assemblies, Tanks & Hardware (new Low Permeation hose shown below)		
Fuel Filter	On-engine Water Separating Fuel Filter	35-8M0106635	236
Fuel Filter	Vessel mounted Water Separating Fuel Filter	35-8M0126144	237
Water Separating Fuel Filter Kit	Vessel Mounted Water Separating Fuel Filter Kit	35-8M0135386	81
Thermostat		8M0162139	
Water Strainer	In-line water strainer	8M0142515	
Spark plugs		33-8M0135348	
Alternator Belt		57-8M0142251	
Fuel Line - (low permeation)	3/8 inch Fuel Line Required	32-8M0038563	69
	Miscellaneous Accessories		
Oil Filter - MPP		35-8M0123025	237
Electronic Oil Level Sensor	Fits all models	8M0142265	92, 530
Rigging Hose Kit		32-825191A03	48, 472
Gearcase Fill Screw, 4.80 & 5.44Gearcase	(with sealing washer)	54-8M0204696	
Battery Cable Set	See battery cable section under controls and rigging tab	88439A50	
Transom Drilling Fixture		98234A2	
Tilt Limit Switch Kit	Digital device	899625K06	
Water Pump Impeller		43026T2	

Description		Part Number			Page
Water Pump Repair Kit		47-8M0142980			
Flushing Attachment - allows running engine - Q/S		44357Q 2			200
Flushing Attachment - allows running engine - MPP		44357T 2			61
Analog Block Pressure Kit		8M0145165			
Dual Water Pickup Flush Seal Kit - Q/S		881150Q 1			
Dual Water Pickup Flush Seal Kit - MPP		881150K 1			201
Anode	Gearcase "NEW"	97-8M0137814			
	Steering				
Power Steering Primer Module		91-895040K01			601
Power Steering Rigging Kit - Single Engine	Standard w/pump, signal harness & helm, 4 ft. shown, other lengths available	892380K05			
	Tilt w/ pump, signal harness & helm, 4 ft. shown, other lengths available	892560K35			
Power Steering Rigging Kit - Dual Engine	Standard w/pump, signal harness & helm, 4 ft. shown, other lengths available	892380K36			
	Tilt w/ pump, signal harness & helm, 4 ft. shown, other lengths available	892560K56			
Power Steering Rigging Kit - Triple Engine	Standard w/pump, signal harness & helm, 4 ft. shown, other lengths available	892558K33			
	Tilt w/ pump, signal harness & helm, 4 ft. shown, other lengths available	892516K53			
Power Steering Rigging Kit - Quad Engine	Standard w/pump, signal harness & helm, 4 ft. shown, other lengths available	NA			
	Tilt w/ pump, signal harness & helm, 4 ft. shown, other lengths available	892516K63			
Steering Helm - Standard	Single (included in kit above)	892380A02			
	Dual Station (included in kit above)	895816A02			
Steering Helm - Tilt	Single (included in kit above)	8M0030272			
	Dual Station (included in kit above)	895817A02			
Power Steering Kicker Kit		897478K01			
Power Steering Module (pump & motor)	(with 4 ft. battery leads)	8M0122660			
	(with 12 ft. battery leads)	892440A18			
	(with 24 ft. battery leads)	8M0122663			
Multiple Battery Fuse Harness Assembly	50 amp power steering circuit	84-898289T77	thru	84-898289T79	
Power Steering Signal Harness - 10 ft.	Multiple engines require 1 harness per engine	84-8M0138676			600
Power Steering Signal Harness - 20 ft.	Multiple engines require 1 harness per engine	84-8M0138677			600
Power Steering Signal Harness - 30 ft.	Multiple engines require 1 harness per engine	84-8M0138678			600
Power Steering Signal Y Harness	Dual Engine	84-892868T01			600
	Triple Engine	84-892868T02			600
Power Steering Hose Kit	Cylinder to Helm	32-8M0046914	thru	32-8M0046931	
	Power Module to Helm	32-892438K02	thru	32-892438K24	
	Pressure Hose - Dual Station	32-892825008	thru	32-892825026	602
Steering Cylinder for Counter Rotation Outboard		NA			
Gen 5 Dual Tie Bar Kit	25 inch to 27 inch center distance	8M0096314			607
	27 inch to 29 inch center distance	8M0096315			607

Description		Part Number	Page
	29 inch to 31 inch center distance	8M0096316	607
	31 inch to 33 inch center distance	8M0096317	607
	33 inch to 35 inch center distance	8M0096319	607
	35 inch to 37 inch center distance	8M0097267	607
Tie Bar, Add-an-Engine Kit	25 inch to 27 inch center distance	8M0096320	607
	27 inch to 29 inch center distance	8M0096321	607
	29 inch to 31 inch center distance	8M0096322	607
	31 inch to 33 inch center distance	8M0096323	607
	33 inch to 35 inch center distance	8M0096324	607
	35 inch to 37 inch center distance	8M0097268	607
Liquid Tie Bar Kit		893396A02	608
Kicker Bracket Engine Attachment		892822A02	609

QUICK REFERENCE GUIDE-MERCRUISER

QUICK REFERENCE MERCRUISER CHARTS- GAS MODELS

MerCruiser Gas Models

Description		Part Number	Page
	Controls		
Panel Mount (w/o trim) - MPC 4000 Series (Gen II)	Pistol Grip	8M0011215	461
Panel Mount (with trim) - MPC 4000 Series (Gen II)	Pistol Grip	8M0011214	461
	Lock Bar	883710A03	462
Console Mount (single eng. with trim) - Commander		88688A26	468
Console Mount (single eng. w/o trim) - MCC 4500	Gen II	8M0060782	
Console Mount (single eng. with trim) - MCC 4500	Gen II	8M0060783	
Console Mount (dual eng. with trim) - Commander	Twin trim switches in handle	88688A23	468
	Single trim switch in handle	88688A94	
Console Mount (dual eng. w/o trim) - MCC 4500		8M0041425	
Console Mount (dual eng. with trim) - MCC 4500	Single trim switch in handle	8M0041428	
Throttle/Shift Cables (two per engine) - (Gen I)	Platinum	897977A03 thru 897977A50	
Throttle/Shift Cables (two per engine) - (Gen II)	Platinum	897978A03 thru 897978A50	
	Instrumentation - Analog		
Tachometer - 6000 RPM - Flagship	Black Face	79-895283A03	423
	White Face	79-895283A23	427
	White Face w/Chrome Bezel	79-895283A43	430
Tachometer - 6000 RPM - Admiral	Black Face	79-895283Q03	434
	Black Face w/Chrome Bezel	79-895283Q63	438
	White Face	79-895283Q23	441
Speedometer - 80 MPH - Flagship	Black Face	79-895285A04	424
	White Face	79-895285A24	428
	White Face w/Chrome Bezel	79-895285A44	431
Speedometer - 80 MPH - Admiral	Black Face	79-895285Q04	435
	Black Face w/Chrome Bezel	79-895285Q64	438
	White Face	79-895285Q24	441
Speedometer - 65 MPH - Flagship	Black Face	79-895285A03	424
	White Face	79-895285A23	428
	White Face w/Chrome Bezel	79-895285A43	431
Speedometer - 65 MPH - Admiral	Black Face	79-895285Q03	435
	Black Face w/Chrome Bezel	79-895285Q63	438
	White Face	79-895285Q23	441
Battery Meter - Flagship	Black Face	79-895286A01	424
	White Face	79-895286A21	428
	White Face w/Chrome Bezel	79-895286A41	432
Battery Meter - Admiral	Black Face	79-895286Q01	435
	Black Face w/Chrome Bezel	79-895286Q61	439
	White Face	79-895286Q21	442
Fuel Gauge - Flagship	Black Face	79-895291A01	426
	White Face	79-895291A21	430

Description		Part Number	Page
	White Face w/Chrome Bezel	79-895291A41	433
Fuel Gauge - Admiral	Black Face	79-895291Q01	437
	Black Face w/Chrome Bezel	79-895291Q61	440
	White Face	79-895291Q21	443
Cruiselog (hour meter) - Flagship	Black Face	79-895295A01	426
	White Face	79-895295A21	430
	White Face w/Chrome Bezel	79-895295A41	434
Cruiselog (hour meter) - Admiral	Black Face	79-895295Q01	437
	Black Face w/Chrome Bezel	79-895295Q61	440
	White Face	79-895295Q21	444
Power Trim - Flagship	Black Face	79-895292A01	426
	White Face	79-895292A21	430
	White Face w/Chrome Bezel	79-895292A41	433
Power Trim - Admiral	Black Face	79-895292Q01	437
	Black Face w/Chrome Bezel	79-895292Q61	440
	White Face	79-895292Q21	443
Water Temperature Gauge (100-240 deg. F) - Flagship	Black Face	79-895287A01	424
	White Face	79-895287A21	428
	White Face w/Chrome Bezel	79-895287A41	432
Water Temperature Gauge (100-240 deg. F) - Admiral	Black Face	79-895287Q01	435
	Black Face w/Chrome Bezel	79-895287Q61	439
	White Face	79-895287Q21	442
Water Temperature Sender - Dual Station		N.L.A.	
Oil Pressure Gauge - Flagship	Black Face	79-895289A01	425
	White Face	79-895289A21	429
	White Face w/Chrome Bezel	79-895289A41	433
Oil Pressure Gauge - Admiral	Black Face	79-895289Q01	436
	Black Face w/Chrome Bezel	79-895289Q61	440
	White Face	79-895289Q21	443
Oil Pressure Sender - Dual Station		37293T	122, 576
Dual Engine Synchronizer - Flagship	Black Face	79-895294A01	426
	White Face	79-895294A21	
	White Face w/Chrome Bezel	79-895294A41	434
Dual Engine Synchronizer - Admiral	Black Face	79-895294Q01	437
	Black Face w/Chrome Bezel	79-895294Q61	440
	White Face	79-895294Q21	443
Service Monitor		79-8M0050399	453
(Verify engine for suitability of product)	Instrumentation - SmartCraft Gauges		
SC1000 System Monitor - Front Mount	Rectangular	79-879896K21	403
SC1000 System Monitor - Rear Mount	Rectangular	79-879896K19	
SC1000 System Monitor - Front Mount	Round - Black	79-892219K19	403
	Round - White	79-892219K20	403
MercMonitor -NMEA 2000	Gateway Level 1 Data	79-8M0135536	402

Description		Part Number	Page
	Gateway Level 2 Data and SmartTow RPM	79-8M0135617	402
	Gateway Level 3 Data and SmartTow Pro	79-8M0135618	403
	Gateway Level 3 Data and SmartTow Pro w/GPS puck	79-8M0135619	403
	MercMonitor - No NMEA2000 Data	79-8M0119406	403
SC1000 Black - Glass Lens	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135641	390
	Glass Lens, Single Engine Kit	79-8M0135633	
	Glass Lens, Dual Engine Kit	79-8M0135632	
SC1000 White - Glass Lens	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135634	388
	Glass Lens, Single Engine Kit	79-8M0135688	
	Glass Lens, Dual Engine Kit	79-8M0135626	
SC1000 Gray - Glass Lens	Bezels must be ordered separately		
	Glass Lens 7,000 Tach	79-8M0135645	391
	Glass Lens, Single Engine Kit	79-8M0135648	
	Glass Lens, Dual Engine Kit	79-8M0135649	
VesselView Mobile		84-8M0115080	
VesselView403		8M0124498	383
VesselView502 Single Engine		8M0110643	383
VesselView502 Multi Engine		8M0110646	383
VesselView703 Single Engine		8M0124495	383
VesselView703 Multi Engine		8M0124496	383
VesselView903 Single Engine		8M0129543	382
VesselView903 Multi Engine		8M0129545	382
	Electrical		
Instrument Harness - 10 pin	3 ft.	84-812475A 3	544
	20 ft.	84-812475A20	544
	25 ft.	84-812475A25	544
Instrument Harness - Non DTS 14 pin	2 ft.	84-896537T02	543
	8 ft.	84-896537T08	543
	11 ft.	84-896537T11	543
	15 ft.	84-896537T15	543
	20 ft.	84-896537T20	543
	25 ft.	84-896537T24	543
	30 ft.	84-896537T29	543
	40 ft.	84-896537T40	543
Anolog Guage Harness - Non DTS 14 pin	5 ft. (use with 84-896537T__)	84-892990T01	544
	10 ft. (use with 84-896537T__)	84-892990T10	544
	15 ft. (use with 84-896537T__)	84-892990T15	544
Extension Harness - 10 pin	10 ft.	84-812441A10	545
	15 ft.	84-812441A15	545
	20 ft.	84-812441A20	545
	30 ft.	84-812835A30	
	45 ft.	84-812835A45	
Extension Harness - 14 pin	6 ft.	84-892451T06	546
	10 ft.	84-892451T10	547
	15 ft.	84-892451T15	547
	20 ft.	84-892451T20	547
	25 ft.	84-892451T25	547

Description		Part Number	Page
	30 ft.	84-892451T30	547
	40 ft.	84-892451T40	
Adaptor Harness	Non DTS 10 pin engine to 14 pin helm	84-8M0153356	551
	Non DTS 14 pin engine to 10 pin helm	84-866337T01	551
Y Harness - Two Station 10 pin		84- 91942A 4	575
Ignition Switch		54212A 7	
Ignition Switch w/harness - Non DTS 14 Pin	2 ft.	84-896537K02	557
	8 ft.	84-896537K08	557
	11 ft.	84-896537K11	557
	15 ft.	84-896537K15	557
	20 ft.	84-896537K20	558
	25 ft.	84-896537K24	558
	30 ft.	84-896537K29	558
	40 ft.	84-896537K40	558
Lanyard Stop Switch - Mechanical single engine - Bezel mount		87- 19674A06	565
Lanyard Stop Switch - Mechanical single engine - Flush mount		87- 19674A05	564
Lanyard Stop Switch - DTS single engine - Bezel mount		87- 19674A08	565
Lanyard Stop Switch - DTS single engine - Flush mount		87- 19674A07	565
Lanyard Stop Switch - Mechanical dual engine - Bezel or Flush mount		87-814324A 2	565
Lanyard Stop Switch - DTS dual engine - Bezel mount		87- 19674A13	565
Lanyard Stop Switch - DTS dual engine - Flush mount		87- 19674A12	565
Galvanic Isolator & Monitor		NLA	
	Miscellaneous Accessories		
Serpentine Belt Kit - engine w/o p/s pump	See application chart - Engine Accessories section		
Hot Water Heater Fitting Kits	See application chart - Engine Accessories section		
Exhaust Riser Kits - 1.7 in, 3 in, 4.7 in & 6 in.	See application chart - Engine Accessories section		
Thru Transom Exhaust Outlets	- 3 in.	843434A 1	203
	- 4 in.	843426A 1	203
Thru Transom Exhaust Flappers	- 3 in.	34765A 2	
	- 4 in.	12644A 1	128
Exhaust Block-off Plate	- Required when using thru transom exhaust	861776A 2	128
Exhaust Y Pipe Kit	- All V-8 engines, except 496 Mag	98-8M0117124	128
	- 496 Mag & 8.2L (also requires intermediate elbow kit	98-8M0117125	147
Intermediate Elbow Kit (496 & 8.2L non-EC)	- 496 (0" to 2" riser)	44267A03	138
	- 496 (2" to 8" riser)	44267A02	137
Intermediate Elbow Kit (496 EC)	- use with 2" riser	44267A05	144
	- use with 4" riser	44267A06	145
	- use with 6" riser	44267A07	145
	- use with 8" riser	44267A08	145
Intermediate Elbow Kit (8.2 EC) w/ 3 catalyst exh manifolds	- use with 2" riser	879288A13	147

Description		Part Number	Page
	- use with 4" riser	879288A14	147
	- use with 6" riser	879288A15	147
	- use with 8" riser	NLA	
Intermediate Elbow Kit (8.2 EC) w/ single catalyst exh manifolds	- use with 2" riser	8M0095832	146
	- use with 4" riser	8M0095833	146
	- use with 6" riser	8M0095834	146
Exhaust "S" Pipe	- MCM	18563A 1	130
	-Tow Sports	807611T	130
Exhaust Reducer Kit	- reduces from 4 in. exhaust to 3 in. exhaust	44349A 1	130
Silent Choice Exhaust Valve	- all V-8 engines, except 496 Mag	NLA	
Silent Choice Exhaust Pneumatic Air Pump		16645A 4	
Closed Cooling Kits	See application chart - Engine Accessories section		
Jackshaft Extension Kits	MCM V-6 & V8 (except 4.5L & 6.2L Mercury)	98634A20	164
	MCM 4.5L & 6.2L (Mercury)	98-8M0124634	164
Remote Oil Filter Kits	MCM 3.0L Carb	N/A	
	MCM 4.3L Carb	864990A 2	167
	MCM 5.0L & 5.7L Carb	864990A 1	167
Crankcase Oil Pump - Q/S		802889Q 1	313
Crankcase Oil Pump - MPP		802889A 1	313
In-line Fuel Filter Kit (boost pump)		35-864572A 1	170
Water Separating Fuel Filter Kit - Q/S		35-802893Q 4	171
Water Separating Fuel Filter Kit - MPP		35-802893A 4	171
Gear Lube Reservoir Kit	Quart bottle for added capacity	865585A02	121
Gear Lube Reservoir Relocation Kit		806054A 1	121
Tilt Up Limit Spacer Kit		15768A 3	121
Trailering Clips - Q/S		817019Q 2	
Trailering Clips - MPP		817019T 2	121
Seawater Strainer (fitting sold separately below)		35-860603	175
Seawater Stainer Fitting	1-1/2 " O.D. barb	22-816339	175
Seawater Hose Drain Kit		861505A 1	161
Flushing Attachment - allows running engine - Q/S		44357Q 2	200
Flushing Attachment - aloows running engine - MPP		44357T 2	61
Dual Water Pickup Flush Seal Kit - Q/S		881150Q 1	
Dual Water Pickup Flush Seal Kit - MPP		881150K 1	201
Engine Flush Kit	MCM V-6 & V-8 (305, 350, 377, 454, 502) non EC engines w/ Bravo drive	898235A01	162

Description		Part Number	Page
	MCM 4.3L MPI EC engine w/ Bravo drive	98-8M0123083	162
	MCM 4.5L & 6.2L (Mercury) engines w/ Bravo drive	98-8M0123083	162
	MCM V-8 (305, 350, 377) EC engines w/ Bravo drive	879288A40	162
	MCM/MIE 8.1L & 8.2L non-EC engines	898235A02	162
	MCM/MIE 8.1L & 8.2L EC	8M0057577	162
	Steering		
Power Steering Pump and Cooler Kit	3.0L	861481A 2	632
Power Steering Cylinder		8M0146217	631
Dual Engine Tie Bar - stbd cable entry	16 in. (40 cm) to 30 in. (76 mm)	NLA	
	30 in. (76 cm) to 46 in. (117 cm)	92020A 2	632
	46 in. (117 cm) to 62 in. (157 cm)	92020A 3	632
Dual Engine Tie Bar - port cable entry	29 in. (74 cm) to 37-1/2 in. (95 cm)	96708A 4	632

TABLE OF CONTENTS

SmartCraft Instruments 374

Analog Gauge Interface Kits 410
MercMonitor with Active Trim Support and N2K Gateway 402
Mercury Gateway 404
SC1000 - SC100 Family Glass Lens Black Face Gauges 380
SC1000 - SC100 Family Glass Lens Gray Face Gauges 381
SC1000 - SC100 Family Glass Lens White Face Gauges 379
SC1000 Smart Tow Tach/Speed (85mm) Plastic Lens White Face/Chrome Bezel 404
SC1000 System Monitor (52mm) 403
SC1000 System Monitor (85mm) 403
SC1000 System Monitor Bezels 404
SC 1000 System Tach/Speed (85mm) Glass Lens Black Face Gauges 389
SC 1000 System Tach/Speed (85mm) Glass Lens Gray Face Gauges 391
SC 1000 System Tach/Speed (85mm) Glass Lens White Face Gauges 388
SC1000 System Tach/Speed (85 mm) Plastic Lens Black Face/Chrome Bezel Gauges 405
SC1000 System Tach/Speed 85 MM Bezels . 392
SC1000 System Tach/Speed 85 MM Bezels . 404
SC 100 Glass Lens Black 110 mm 401
SC 100 Glass Lens Black 52 mm 394
SC 100 Glass Lens Black 85 mm 399
SC 100 Glass Lens Gray 110 mm 401
SC 100 Glass Lens Gray 52 mm 396
SC 100 Glass Lens Gray 85 mm 399
SC 100 Glass Lens White 110 mm 400
SC 100 Glass Lens White 52mm 392
SC 100 Glass Lens White 85 mm 398
SC 100 System Link (110mm) Plastic Lens Black Face/Chrome Bezel Gauges 408
SC 100 System Link (110 mm) Plastic Lens White Face/White Bezel Gauges 408
SC 100 System Link (52mm) Plastic Lens Black Face/Chrome Bezel Gauges 406
SC 100 System Link (52mm) Plastic Lens Gray Face/Black Bezel Gauges 405
SC 100 System Link (52mm) Plastic Lens White Face/Chrome Bezel Gauges 406
SC 100 System Link (52mm) Plastic Lens White Face/White Bezel Gauges 406
SC 100 System Link (85mm) Plastic Lens Black Face/Chrome Bezel Gauges 407
SC 100 System Link (85mm) Plastic Lens Gray Face/Black Bezel Gauges 407
SC 100 System Link (85mm) Plastic Lens White Face/White Bezel Gauges 407
SC 100 System Link- 110MM -Bezel/Mounting Hardware 402
SC 100 System Link Gauge 52 MM Bezels . . 398
SC 100 System Link Gauge 52 MM Bezels . . 408
SC 100 System Link Gauge 85 MM Bezels . . 400
SC 100 System Link Gauge 85 MM Bezels . . 408
SmartCraft Rigging and Conversion Kits . . . 410
SmartCraft System Gauge and Monitor Retaining Nuts 409
VesselView 382
VesselView403 377
VesselView502 376
VesselView703 375
VesselView903 374
VesselView Family 382
VesselView Link 378
VesselView Mobile 387

Analog Instruments 413

Admiral Plus Black Face Family 434
Admiral Plus Black with Chrome Bezel 437
Admiral Plus White Face Family 441
Analog Gauge Interface - Digital Engines . . . 420
Depth Sounders 446
Flagship Plus Black Face Family 423
Flagship Plus White Face Family 427
Flagship Plus White Face with Chrome Bezels 430
Instrument Hole Cover Kit 453
Instrument Sets - Admiral Plus Black Face/ Chrome 417
Instrument Sets - Admiral Plus Black Face Family 416

Instrument Sets - Admiral Plus White Face Family . . . 418
Instrument Sets - Flagship Plus Black Face Family . . . 413
Instrument Sets - Flagship Plus White Face/ Chrome . . . 415
Instrument Sets - Flag Ship Plus White Face Family . . . 414
Instrument Sets - International II Family . . . 419
International II Family Gauges . . . 444
Mechanical Trim Position Indicator & Bezel Chart . . . 455
Mechanical Trim Position Indicator Actuator Kits . . . 455
Mechanical Trim Position Indicators - 1 Pointer . . . 454
Mechanical Trim Position Indicators - 2 Pointer . . . 454
Mechanical Trim Position Indicators - 3 Pointer . . . 454
Mechanical Trim Position Indicators - 4 Pointer . . . 454
Mechanical Trim Position Indicators - 5 Pointer . . . 455
Monitor Panels for Diesels . . . 422
Oil Pressure Senders . . . 448
Power Trim Sender Chart . . . 451
Power Trim Senders . . . 449
QSS Replacement Gauges . . . 446
Service Monitors . . . 453
Speedometer Pickups . . . 446
Tachometer Selection and Settings Charts 422
VDO Family Gauges . . . 446
Water Pressure Pick-Up Kits . . . 447
Water Temperature Senders . . . 447

Digital Throttle and Shift Remote Controls . . . 456

Controls-Console Dual . . . 457
Controls-Console-Single . . . 457
Controls-Panel . . . 456
Controls-Yacht . . . 458
DTS Track Pads . . . 458
Foot Throttle Control . . . 456
Triple/ Quad- Controls . . . 458
Zero Effort Controls . . . 459

Mechanical Remote Controls . . . 461

Bulkhead Fittings and Bellows Kits . . . 475
Commander Series Console Mount - Dual Engine . . . 468
Commander Series Console Mount - Single Engine . . . 468
F5H208/__ Throttle and Shift Cables . . . 474
Force 1992 and Prior Cable Connectors . . . 474
Jet Drive Remote Controls . . . 469
MCC 4500 Console Mount - Dual Engine (Gen II) . . . 463
MCC 4500 Console Mount - Single Engine (Gen II) . . . 462
Morse 33C Series Cable Adapters . . . 474
MPC 4000 Panel Mount Remote Controls (Gen II) . . . 461
MSC 4000 Side Mount - Accessories . . . 467
MSC 4000 Side Mount - Elect, Non-Power Trim . . . 466
MSC 4000 Side Mount - Electric, Power Trim 464
MSC 4000 Side Mount - Manual Start, W/ Switch . . . 467
MSC 4000 Side Mount - Manual Start W/ No Switch . . . 467
Outboard Rigging Hose Kit . . . 472
Remote Control Attaching Kits . . . 471
Remote Control Conversion Kits . . . 470
Rigging Hose Chart . . . 473
Two Station Throttle & Shift Cables Attaching Kit . . . 474
Zero Effort Remote Controls . . . 469

Throttle and Shift Cables . . . 476

64-853951A_ Series Shift Cables . . . 482
820671A_ Series Shift Cables . . . 482
858342A_ Series Shift Cables . . . 482
858342A_ Series Shift Cables . . . 482
GEN I/SAE Platinum Plus Throttle and Shift Cables . . . 478
GEN II/SAE Platinum Plus Throttle and Shift Cables . . . 479

Morse 33C Series Cable Adapters 481
Platinum Plus Throttle and Shift Cable GEN I 476
Platinum Plus Throttle and Shift Cable GEN II 477
Platinum Plus Throttle and Shift Cable SAE . 480
Solid Core Throttle / Shift Cables 480
Two Station Throttle & Shift Attaching Kit . . . 481

Joystick Rigging 484

Fittings 494
Hose Assemblies 492
Joystick Features 489
Joystick Piloting for V6 Mercury Outboards (Optimus 360) 484
Joystick Piloting - Key Features 485
Joystick Piloting - Standard Features 486
Joystick Rigging 489
Power Steering Hose Kits-Joystick Piloting . . 492
Skyhook 487
Skyhook Advanced Features 488

DTS Rigging 496

DTS Command Module and Harness Kits . . . 498
DTS Components 505
DTS Helm Board Kits (Helm Boards Only) . . 504
DTS Rigging Kits 496
SmartCraft and DTS Application Information 496

Diesel Rigging 506

2.0L Engine Rigging Kits 506
Adapters and Harnesses 515
CCM Service Modules 514
Diesel TDI Rigging 506
Helm Panel DTS - Main Station 513
Helm Panel DTS - Second Station 514
Miscellaneous Accessories 517
Panels DTS 506
Panels DTS 511
Panels Non DTS 506
Panels Non DTS 511
Vessel Panels DTS 510
VIP Modules -Interface Panels 512

SmartCraft Rigging 519

10 Pin (Blue) Data Harnesses 527
10 Pin (Yellow) Data Harnesses 527
Active Trim 519
Active Trim 520
Active Trim Kits 520
Adapter Harnesses - 10 Pin 528
Adapter Harnesses - 2 Pin 529
Add-On Sensor Harnesses 529
Add-On Sensor Harnesses - MCM 540
Add-On Sensor Rigging Kits - MCM 539
Block Water Pressure Sender 531
Fuel Senders 531
GPS Kits 535
Junction Boxes/Junction Box Accessories . . 524
NMEA2000 536
NMEA2000 Components 537
Pitot Kits 534
SC 100 Link Harnesses 526
SmartCraft Gauge Harnesses 525
SmartCraft K-Planes - Harnesses 541
SmartCraft Rigging Kits 538
Steering Angle Sensors 540
Transducers In-Hull 534
Transducers Thru Hull 533
Transom Mount Transducer Brackets 532
Transom Mount Transducers 532
Trim Sensors 531

Electrical 542

10 Pin (Blue) Data Harnesses 549
10 Pin (Yellow) Data Harnesses 548
14 Pin Data Harnesses 546
Accessory Harnesses 552
Adapter Harnesses 550
Adapter Harnesses - 14 Pin 550
Adapter Harnesses - 2 Pin 550
Alpha/Numeric Key Chart 562
Battery Bar - Multiple Connector 583
Battery Cables 583
Battery Isolators 584
Cable Ties 590

Dual Station Senders 576
Electrical Hardware 584
Force Unique Ignition Key Chart 564
Force Unique Ignition Keys 564
Fuses and Circuit Breakers 587
Ignition Key Cover 564
Ignition Keys - 3 Position - Base Number 897716 Key Switch 562
Ignition Keys - 4 Position - Base Number 893353 Key Switch 562
Ignition Keys - Numeric 561
Ignition Key Switches 553
Ignition Key Switch with Harnesses 556
Instrument Extension Harnesses (Diesel) . . . 545
Instrument Extension Harnesses (Gas Engines) 545
Instrument Harnesses 543
Junction Boxes/Junction Box Accessories . . 568
Key Switches 560
Lanyard Stop Switches 564
Lanyard Switches 567
Mariner Unique Ignition Key Chart 563
Mariner Unique Ignition Keys 563
Numeric Key Chart 563
Outboard Power Trim Switch Kits 580
Power Trim Adapter Harnesses 582
Power Trim Control Panels 576
Power Trim Extension Harnesses 581
Power Trim Extension Hose/Harness Kit . . . 582
Power Trim Power Supply Cable 582
Quicksilver Funnel Entry Vinyl Terminals . . . 586
Quicksilver Heat Shrinkable Connectors and Tubing 587
Remote Control/Ignition Choke Extension Harnesses 575
Remote Control Adapter Harnesses 575
Safety Systems 572
SC 100 Link Harnesses 542
Security Systems 569
Shadow Resistor Packs 567
SmartCraft Gauge Harnesses 542
Start / Stop Switches 559
Tachometer Harnesses 575
Tools 591
Transom Mounted Ignition Keyswitch 559
Transom Mounted Power Tilt Panel 579
Trim Limit kits 578
Trim Switches 576
Troll Control 581
Two Station Start/Stop Panels 576
Two Station Y-Harnesses 575

Steering 592

Cable Seal Kit 631
Dual Cable - Single Engine Attaching Kit . . . 630
Dual Engine Tie Bar Kits 630
Front Pivot Mount Cylinder Chart 625
Hydraulic Outboard Steering System 615
Hydraulic Steering - Basic and Heavy Duty Systems 610
Hydraulic Steering - Common to Power Steering 615
Jet Drive 135 & 270 Deg. Steering System . . 632
Jet Drive 540 Deg. Steering System 633
Jet Drive Steering Cable Rod End 633
MerCruiser Dual Engine Tie Bar Kits 632
MerCruiser Power Steering Kits 631
Outboard Cable and Pulley Attaching Kits . . 631
Power Steering Components 596
Power Steering - Dual 595
Power Steering Hose Kits-Joystick Piloting . . 605
Power Steering - Quad 595
Power Steering - Single 595
Power Steering - Triple 595
RideGuide Attaching Kits 627
SeaStar Tie Bar Kit Chart 627
Steering Brackets 629
Steering Cable Bulkhead Fittings/Bellows Kits 633
Steering Link Rod Chart 629
Steering Wheels 592
Teleflex Big-T Bezel Kit/Misc 624
Teleflex Mechanical Steering Helms 624
Teleflex NFB Rotary Steering 621
Teleflex NFB SeaStar Hydraulic Outboard Steering 624
Teleflex NFB SeaStar Replacement Parts . . .626

Teleflex NFB SeaStar Tie Bar Kits 627
Teleflex Non-NFB Safe-T QC Rotary Steering Systems 620
Teleflex Rotary Steering Cables 624
Tie Bar Kits 607
Tiller Handle Steering-40-300HP Tiller 593
Transom Mounted Steering Kits 631
Uflex Mechanical Steering Cables 619
Uflex Misc Components 623
Uflex Rotary Steering Cables 622
Uflex Standard Rack Steering System 618
Uflex Standard Rack Steering System / Tilt . . 618
Uflex Standard Rotary Steering Systems . . . 620
Uflex Standard Rotary Steering Systems/ Dual Cable 621
Uflex Standard Rotary Steering Systems/Tilt 621
Uflex Steering Components-Helms, Bezels,Tilt Mech 623
Uflex Steering Cylinders, Helms and Hoses-Misc 626
Uflex ZeroTorque Feedback Rack Steering System 619
Uflex ZeroTorque Feedback Rack System/Tilt 619
Uflex ZeroTorque Feedback Rotary Steering System 622
Uflex ZeroTorque Feedback Rotary Systems / Tilt 622

K Planes (Trim Tabs) 635

Actuator Kits 637
Competition K-Planes 637
Hoses for K-Planes 638
K-Planes Hose Kits 637
K-Planes Sport Color Option 636
Mechanical Trim Position Indicator Chart . 635
Mechanical Trim Position Indicators 1 Pointer 635
Mechanical Trim Position Indicators 2 Pointer 635
Mechanical Trim Position Indicators 3 Pointer 635
Mechanical Trim Position Indicators 4 Pointer 635
Mechanical Trim Position Indicators 5 Pointer 635
Sport K-Planes 636

Installation Specifications and Tools . . . 639

Installation Aids 639
Measuring Console Control Throttle/Shift Cables 648
Measuring for Exhaust Risers 648
Measuring MerCruiser Throttle/Shift Cables . 647
Measuring Outboard Throttle/Shift Cables . . 647
MPC 4000/4000 GEN II-Panel Mount Cutout Template 646
MPC 4000 GEN II Panel Mount-Lock Bar Design 644
MPC 4000 GEN II Panel Mount-Lock Bar Finger Release Design 645
MPC 4000 Panel Mount Controls (Trim/Non-Trim) 643
MSC 4500 Side Mount Control Schematic . . 642

SMARTCRAFT INSTRUMENTS

VESSELVIEW903

MERCURY GO BOLDLY™

VesselView903

From engine information to vessel systems, the Mercury VesselView903's 9" screen is your information portal for your boat. Mercury VesselView allows boaters to display engine information, genset, sounder info and much more...



- Features a bright 16x9 aspect ratio, high definition glass touchscreen with glarereducing coating and dimmable lighting
- Features a built in 10Hz GPS and chart plotter capability (regional electronic chart cards purchased separately)
- Unique touch only screen interface that delivers intuitive display interaction (optional remote control button interface is available)
- Auto Notification of software updates through the embedded WiFi
- Can be integrated with all the Simrad accessories for the Go9 product line: Radar, Sonar transducers, Fish Finder transducers, AIS, VHF, Sonic Hub/Fusion Link/ SiriusXM, C-Zone/Naviop digital switching and more
- Descriptive fault text display provides up-to-date information for 30+ engine parameters Including: Fuel Level & Range, Oil Temperature & Pressure, Battery Voltage, Water Depth, Genset and more
- Simultaneous displays information for up to 4 engines in an easy-to-read interface
- Gateway functionality to allow SmartCraft data to be displayed on NMEA 2000 devices
- Supports 16 languages and multiple unit conversions
- Requires Mercury's VesselView Link to fully integrate the propulsion system and make your multi-function display truly multi-functional (included in the kit)
- Can be low profile top mount, flush or bracket mount the display
- Full-featured chartplotter with widest available cartography (Insight, Navionics, CMAP)
- Radar display for Simrad Broadband 3G/4G and Halo Pulse Compression radar systems
- Built in Broadband Sounder, CHIRP Sonar, StructureScan HD imaging or ForwardScan sonar support (transducer required)

Description	Part Number
VW903 Multi Engine Kit	8M0129545
VW903 Single Engine Kit	8M0129543

©2017 MERCURY MARINE. All rights reserved. Published 09/17. Printed in U.S.A. Reproduction in whole or in part without permission is prohibited. P/N 90-8M0137950

VESSELVIEW703

VesselView703

Precise, reliable control with greater visibility

Discover exceptional clarity, wide viewing angles, and enhanced controls for easier display operation in all conditions. Cruise, fish, and experience an unprecedented level of built-in functionality on the all-new VesselView703.

- Features a bright 16x9 aspect ratio, high definition glass touchscreen with glare-reducing coating and dimmable lighting
- Features a built in 10Hz GPS and chart platter capability (regional electronic chart cards purchased separately)
- Hybrid touchscreen and button interface allows users preferences for display interaction
- Auto Notification of software updates through the included WiFi capability
- Can be integrated with all the Simrad accessories for the NSS Evo3 product line: Radar, Sonar transducers, Fish Finder transducers, AIS, VHF, Sonic Hub/Fusion Link, C-Zone and Naviop digital switching and more
- Simultaneously displays information for up to 4 engines in an easy-to-read interface
- Display provides up-to-date information for 30+ engine parameters Including: Fuel Level & Range, Oil Temperature & Pressure, Battery Voltage, Water Depth, Genset and more
- Gateway functionality to allow SmartCraft data to be displayed on NMEA 2000 devices
- Supports 16 languages and multiple unit conversions
- Requires Mercury's VesselView Link to fully integrate the propulsion system and make your multi-function display truly multi-functional (included in the kit)



Description	Part Number
VV703 Multi Engine Kit	8M0124496
VV703 Single Engine Kit	8M0124495

- All-weather touchscreen
- Integrated echosounder
- True dual-channel CHIRP
- Highly expandable system
- Built-in GoFree™ Wi-Fi

VesselView703 is the next generation in the Mercury® VesselView® Multifunction Display family featuring the new Simrad® SolarMAX® HD display.

SOLARMAX HD

MERCURY GO BOLDLY.™

Learn more at mercurymarine.com

©2018 MERCURY MARINE. All rights reserved. Reproduction in whole or in part without permission is prohibited. Simrad, SolarMax HD and GoFree are registered trademarks of Navico, Inc.

P/N 90-8M0128535 rev2-0118

VESSELVIEW502

VesselView502

From engine information to vessel systems, the Mercury VesselView502's 5" screen is your information portal for your boat. Mercury VesselView allows boaters to display engine information, genset, sounder info and much more...

- Features a bright 16x9 aspect ratio, high definition glass touchscreen with glare-reducing coating and dimmable lighting
- Features a built in 10Hz GPS and chart plotter capability (regional electronic chart cards purchased separately)
- Unique touch only screen interface that delivers intuitive display interaction (optional remote control button interface is available)
- Auto Notification of software updates through the embedded WiFi and Bluetooth capability
- Can be integrated with all the Simrad accessories for the Go5 product line: Radar, Sonar transducers, Fish Finder transducers, AIS, VHF, Sonic Hub/Fusion Link, C-Zone digital switching and more



VesselView502

- Adaptive screen automatically presents information when it is most important
- Descriptive fault text display provides up-to-date information for 30+ engine parameters Including: Fuel Level & Range, Oil Temperature & Pressure, Battery Voltage, Water Depth, Genset and more
- Simultaneous displays information for up to 4 engines in an easy-to-read interface
- Gateway functionality to allow SmartCraft data to be displayed on NMEA 2000 devices
- Supports 16 languages and multiple unit conversions
- Requires Mercury's VesselView Link to fully integrate the propulsion system and make your multi-function display truly multi-functional (included in the kit)

Description	Part Number
VV502 Multi Engine Kit	8M0110646
VV502 Single Engine Kit	8M0110643

MERCURY GO BOLDLY.™

Learn more at mercurymarine.com

©2017 MERCURY MARINE. All rights reserved. Published 12/17 Printed in U.S.A. Reproduction in whole or in part without permission is prohibited.

P/N 8M0141383

VESSELVIEW403

MERCURY GO BOLDLY.™

VesselView403

From engine information to vessel systems, Mercury VesselView – the premiere engine information display in the recreational marine industry – is your information portal to your boat. Mercury® VesselView® allows boaters to display engine information, genset, sounder and more.



- Features a bright, 4" glass screen with glare-reducing coating and dimmable lighting
- Low Profile front mount with sleek optimized button-only user interface
- Active Trim interface so that the Active Trim dash pad is not required. Requires a GPS source.
- Includes WiFi support for easier software updates
- Descriptive fault text display provides up-to-date information for over 30 engine parameters
- Supports up to 4 engines and can simultaneously display information for up to 2 engines in an easy-to-read interface
- Whether you ski, wakeboard or surf, Smart Tow® makes boating easier and more fun by delivering consistent, dialed-in pulls for all tow sport activities.
- Gateway functionality to allow SmartCraft® data to be displayed on NMEA 2000 devices
- Supports 16 languages and multiple unit conversions
- Troll Control can set engine trolling speed in increments of 10 RPM for precise control

Description	Part Number
VesselView403 Kit	8M0124498

SMART TOW



TROLL CONTROL



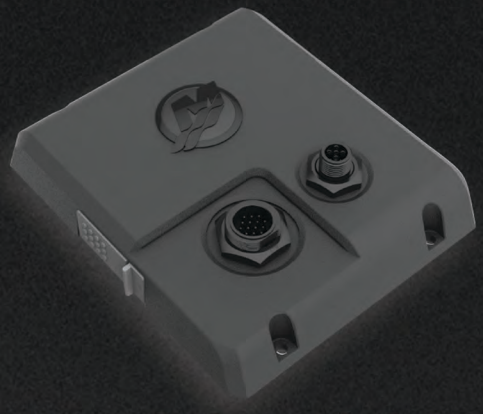
ENGINE INFORMATION



©2017 MERCURY MARINE. All rights reserved. Published 09/17. Printed in U.S.A. Reproduction in whole or in part without permission is prohibited. P/N 90-8M0137948

VESSELVIEW LINK

Engine data linked to your vessel display. Welcome to VesselView Link by Mercury Marine®.



Looking for a display that fully integrates with your propulsion system? Mercury's VesselView Link is the answer. Offered in single engine or multi-engine (2-4 engines) versions, this is your link to all the features SmartCraft has to offer. Available on compatible Lowrance and Simrad displays, you now have all the VesselView information and control capability at your fingertips. With a user interface that's easy to navigate, you're able to integrate the following systems into one display.

- Chart plotter
- Sonar/fish finder
- Radar
- VHF
- AIS (Automatic Identification System)
- Sonic Hub/Fusion Link
- CZone/Naviop Digital Switching
- And many more

VesselView Link

- Offered as a single engine or multi engine (2-4 engine) interface, a "black box" VesselView that installs under the dash
- Can also Link a Simrad or Lowrance compatible display to the Mercury SmartCraft data and control system which provides the fully integrated and functional Mercury VesselView user interface on those displays
  - Simrad NSS evo2, NSS evo3, NSO evo2, NSO evo3 and GO series; Lowrance HDS Gen 2 Touch and HDS Gen 3
    - Excellent opportunity for those fisherman with Lowrance displays and Mercury power to get the full VesselView experience where they normally would only rely on analog gauges
- Info & Control features - ECO mode, Troll Control in 10 RPM increments, Active Trim interface to omit the dashpad, Cruise Control (RPM or Speed based), SmartTow (tow sport launch control system, RPM or Speed based), with customizable user launch profiles and new intuitive interface utilizing the Launch Target cursor
- User selectable 16 languages that cover the interface, Descriptive Fault Text, Universal Fault Codes (UFCs) and Maintenance Items (for those engines equipped with this feature)





Included in the VV502, VV703 and VV903 kits Can also be ordered as a component*	
VesselView Link Multi	8M0110641
VesselView Link Single	8M0110639
VesselView Link Multi w/Advanced Features Bundle	8M0144269

*only supports Simrad or Lowrance compatible displays

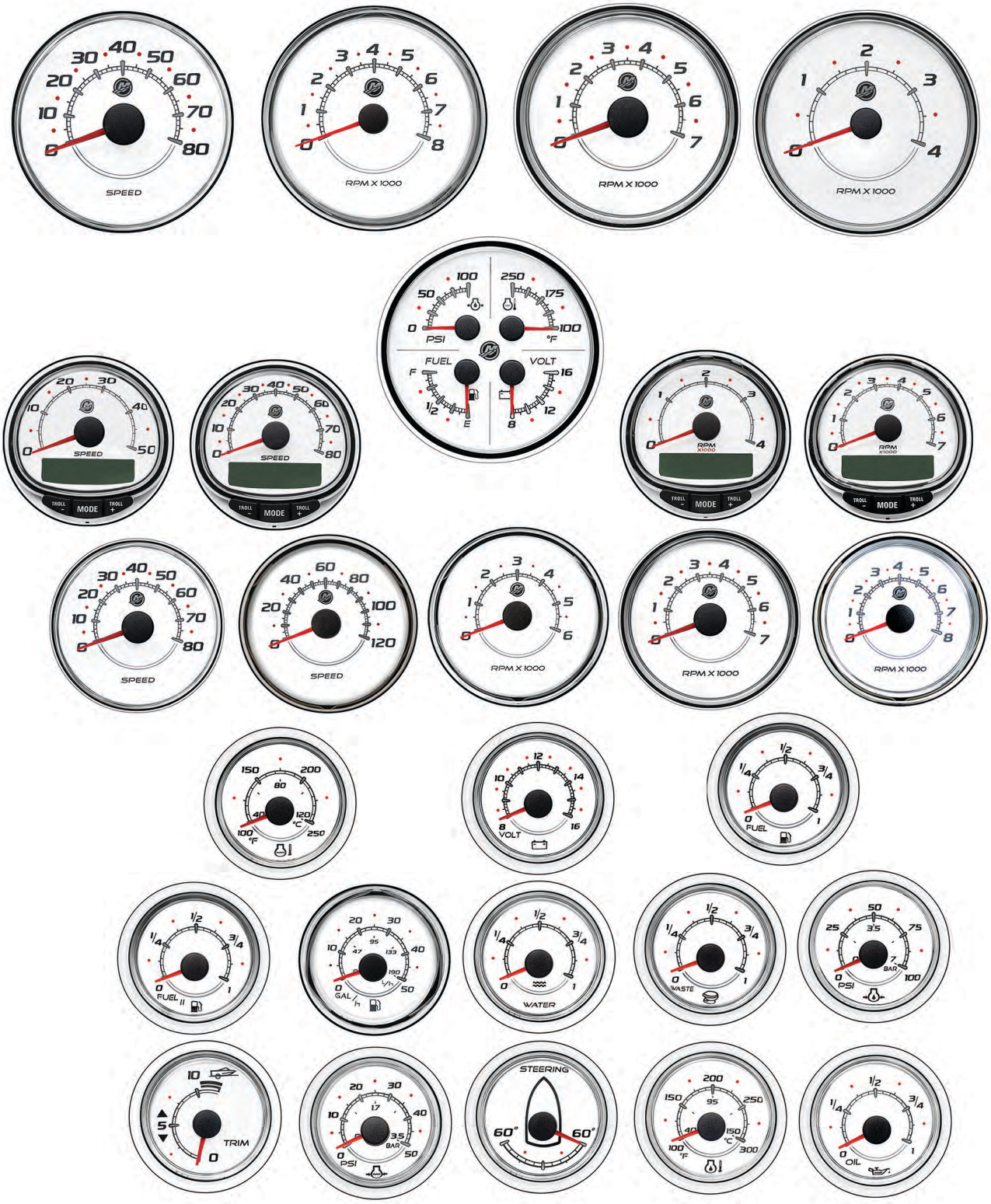
MERCURY GO BOLDLY.™

Learn more at mercurymarine.com

©2018 MERCURY MARINE. All rights reserved. Printed in U.S.A. Reproduction in whole or in part without permission is prohibited.

P/N 8M0144269 0218

SC1000 - SC100 FAMILY GLASS LENS WHITE FACE GAUGES



SC1000 - SC100 FAMILY GLASS LENS BLACK FACE GAUGES



SC1000 - SC100 FAMILY GLASS LENS GRAY FACE GAUGES



VESSELVIEW FAMILY



VESSELVIEW

VesselView continues to evolve as the next generation full color displays with an enhanced full sunlight viewable vessel information center encompassing data from the vessel, navigation and engines. There are numerous NMEA2K input options in addition to the fully integrated Mercury Marine SmartCraft digital information and control features. Regardless of the application, we have a display solution available: VesselView4, VesselView502, VesselView702, VesselView703, VesselView Link or VesselView Mobile.

VESSELVIEW903 SINGLE ENGINE KIT



8M0129543

VesselView903 is our 16:9 HD direct sunlight viewable color touchscreen-only multi-function display. Kit includes VesselView Link, VV903 display and harnessing.

Works with all SmartCraft capable engines 40 HP and up, single engine applications only. A NMEA2000 backbone is required, starter kit available separately.

VESSELVIEW 903 MULTI ENGINE KIT



8M0129545

VesselView903 is our 16:9 HD direct sunlight viewable color touchscreen-only multi-function display. Kit includes VesselView Link, VV903 display and harnessing.

Works with all SmartCraft capable engines 40 HP and up, dual through quad engine applications only. A NMEA2000 backbone is required, starter kit available separately.

VESSELVIEW703 SINGLE ENGINE KIT



8M0124495

VesselView703 is our 16:9 HD direct sunlight viewable color touchscreen display. Kit includes the VesselView Link and harnessing. WiFi and Bluetooth are built in.

Works with all SmartCraft capable engines 40 HP and up, single engine applications only. A NMEA2000 backbone is required, starter kit available separately.

VESSELVIEW703 MULTI ENGINE KIT



8M0124496

VesselView703 is our 16:9 HD direct sunlight viewable color touchscreen display. Kit includes the VesselView Link and harnessing. WiFi and Bluetooth are built in.

Works with all SmartCraft capable engines 40 HP and up, dual through quad engine applications. A NMEA2000 backbone is required, starter kit available separately.

VESSELVIEW502 SINGLE ENGINE KIT



8M0110643

VesselView502 is our 16:9 HD direct sunlight viewable color touchscreen-only display. Kit includes the new VesselView Link, harnessing and GoFree WiFi module.

Works with all SmartCraft capable engines 40 HP and up, single engine applications only. A NMEA2000 backbone is required, starter kit available separately.

VESSELVIEW502 MULTI ENGINE KIT

8M0110646

VesselView502 is our 16:9 HD direct sunlight viewable color touchscreen-only display. Kit includes the new VesselView Link, harnessing and GoFree WiFi module.

Works with all SmartCraft capable engines 40 HP and up, dual through quad engine applications. A NMEA2000 backbone is required, starter kit available separately.

VESSELVIEW403 KIT



8M0124498

VesselView403 is a direct sunlight viewable color display for up to 2 engines. Kit includes display and harnessing.

Works with all SmartCraft capable engines 40 HP and above. Single through quad engine applications but display only supports data for up to 2 engines.

VESSELVIEW903 SUN COVER - MERCURY



8M0133439

Protects VesselView903 when not in in use. With Mercury logo.

Works with VesselView903

VESSELVIEW703 SUN COVER - MERCURY



8M6005011

Protects VesselView703 when unit is not being used. With Mercury logo.

Works with VesselView703

VESSELVIEW703 SUN COVER - CUMMINS



8M6005108

Protects VesselView703 when unit is not being used. With Cummins logo.

Works with VesselView703

VESSELVIEW502 SUN COVER - MERCURY



8M6003707

Protects VesselView502 when unit is not being used. With Mercury logo.
Works with VesselView 502

VESSELVIEW403 SUN COVER - MERCURY



8M6005019

Protects VesselView403 when not in use. With Mercury logo.
Works with VesselView403

VESSELVIEW403 SUN COVER - CUMMINS



8M6005109

Protects VesselView403 when not in use. With Cummins logo.
Works with VesselView403

VESSELVIEW 903 BEZEL - BLACK



8M0141864

Replacement VesselView903 bezel accent piece - black
Works with VesselView903

VESSELVIEW703 BEZELS - BLACK



8M6005025

Replacement VesselView703 bezel accent pieces - black
Works with VesselView703

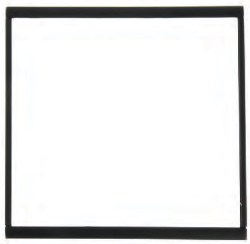
VESSELVIEW502 BEZEL - BLACK



8M6003706

Replacement VesselView502 bezel accent pieces - black
Works with VesselView502

VESSELVIEW403 BEZEL - BLACK



8M6005014

Replacement VesselView403 bezel accent piece - black
Works with VesselView403

VESSELVIEW LINK SINGLE



8M0110639

Integrate your Lowrance or Simrad display with your Mercury propulsion system and the power of VesselView.

Single SmartCraft capable engine and a compatible display (VesselView502, VesselView702, VesselView703, Simrad NSS evo2, NSS evo3, NSO evo2, GO Series, Lowrance HDS Gen 2 Touch or HDS Gen 3)

VESSELVIEW LINK MULTI

8M0110641

Integrate your Lowrance or Simrad display with your Mercury propulsion system and the power of VesselView.

Multi SmartCraft capable engines (2 to 4) and a compatible display (VesselView502, VesselView702, VesselView703, Simrad NSS evo2, NSS evo3, NSO evo2, GO Series, Lowrance HDS Gen 2 Touch or HDS Gen 3)

VESSELVIEW LINK HARNESS



84-**8M0111670**

Harness used to connect VesselView Link to the junction box, included in the VesselView Link kits.

Can be used with either the VesselView Link single or multi engine component

VESSELVIEW LINK MOUNTING BRACKET



8M0110649

Stainless steel mounting bracket which allows the VesselView Link (single or multi) to be installed vertically to the mounting surface.

Optional bracket to be used when there is not sufficient space to mount the VesselView Link flat to the intended mounting surface.

VESSELVIEW70X POWER HARNESS



84-**8M0111668**

Harness provides power and SmartCraft information via a junction box connection.

Used for VesselView702 and 703 displays, comes in the full kit.

VESSELVIEW502 POWER HARNESS



84-**8M0111669**

Harness provides power and SmartCraft information via a junction box connection.

Used for all VesselView502 displays, comes in the full kit.

VESSELVIEW903 DISPLAY ONLY



8M0129544

Display only with harness, NMEA2000 T and extension, bezels, sun cover, mounting hardware and gasket.

VV903 display only for use with an existing VesselView Link on multi-display installations or as a service replacement.

VESSELVIEW703 DISPLAY ONLY



8M0124497

Display only with harness, NMEA2000 T and extension, bezels, sun cover, mounting hardware and gasket.

VV703 display only for use with an existing VesselView Link on multi-display installations.

VESSELVIEW502 DISPLAY ONLY



8M0110644

Display only with harness, NMEA2000 T and extension, bezels, sun cover, mounting hardware and gasket.

VV502 display only for use with an existing VesselView Link on multi-display installations.

VESSELVIEW7 AND 70X VIDEO INPUT CABLE



8M6003460

Add up to two video sources as inputs to your VesselView7 or 702 display. Can be used for viewing in numerous useful locations: the swim platform area, inside the engine compartment/bilge area, from the ski tower looking aft or down in the galley/cabin below.

Works with VV7, VV702 or VV703 and NTSC/PAL analog video signals.

VESSELVIEW MOBILE



84-8M0157078

Connect the SmartCraft digital data stream from your engine to your iOS or Android mobile device via BLE (Bluetooth Low Energy 4.0).

Works with any SmartCraft-capable 2003 or newer engine (from single to quad applications), 40 HP and higher (outboards, gas or diesel sterndrives and inboards, Joystick Piloting, Zeus pods and Racing products).

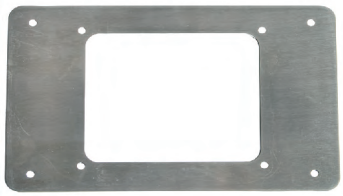
VESSELVIEW MOBILE BULK (24 UNITS)

84-8M0157080

Individually priced, sold @ 24. Does not contain point of sale packaging. Intended for high volume installations of the VesselView Mobile Module in dealer, boat builder and fleet scenarios. Connect the SmartCraft digital data stream from your engine to your iOS or Android mobile device via BLE (Bluetooth Low Energy 4.0). Get access to all the data via www.vesselviewmobile.com.

Works with any SmartCraft-capable 2003 or newer engine (from single to quad applications), 40 HP and higher (outboards, gas or diesel sterndrives and inboards, Joystick Piloting, Zeus pods and Racing products).

VESSELVIEW 4 ADAPTER PLATE



8M0079348

VesselView 4 adapter plate in brushed stainless steel.

Adapter plate to install a VesselView 4 into the cutout for the previous generation VesselView.

SMARTCRAFT CONNECT KIT UNDER HELM - SINGLE



98-8M0173694

Single Engine SmartCraft Connect Kit- Under Helm

SMARTCRAFT CONNECT KIT UNDER COWL - SINGLE

Image not Available.

98-8M0173704

Single Engine SmartCraft Connect Kit- Under Cowl

SMARTCRAFT CONNECT KIT UNDER HELM - DUAL



98-8M0173696

Dual Engine SmartCraft Connect Kit- Under Helm

SMARTCRAFT CONNECT KIT UNDER HELM - TRIPLE & QUAD

Image not Available.

98-8M0173703

Triple and Quad Engine SmartCraft Connect Kit- Under Helm

VESSELVIEW MOBILE

VesselView Mobile

Key Features:

- Connects the SmartCraft data network to your iOS or Android mobile device via BLE (Bluetooth Low Energy 4.0)
- See all the SmartCraft engine parameters: fuel flow, water temperature, oil & water pressures, battery voltage, RPM, etc (parameters available are specific to each engine family)
- Get fault code diagnostic information so you know and understand if that fault is something to be addressed when you return back to the dock or it is something more significant
- Get mapping information for your body of water: location, record a moment on the water, fuel & restaurant locations and more
- Dealer Locator and Primary Dealer selector
- Checklists associated with your boating lifestyle
- Maintenance reminders and historical maintenance information logs
- Web-based account to dive deeper into your connection with your boat – analyze fuel consumption trip to trip and year to year, relive those wonderful family trips or fantastic fishing moments
- Compatible with all Mercury SmartCraft-capable engines built since 2003 (40 HP and up)
- www.VesselViewMobile.com

Description	Part Number
VesselView Mobile Point of Sale	8M0115080
VesselView Mobile Point of Sale (qty 12)	8M0130181
VesselView Mobile bulk kit (qty 24)	8M0120319



Now you can have the power of SmartCraft on your mobile device (iOS or Android) with all the digital data your SmartCraft engine supports plus new features such as Maintenance Reminders, Mapping, Performance Summary and Fault Code Diagnostic information. Connect with your engine and be in the know.

Android® is a registered trademark of Google®, Inc., Bluetooth® is a registered trademark of Bluetooth SIG, Inc., iOS® is a registered trademark of Cisco Systems®, Inc. (used under license by Apple®, Inc.), SmartCraft® and VesselView® are registered trademarks of Brunswick® Corporation.

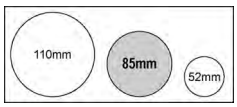


MERCURY GO BOLDLY.™

Learn more at mercurymarine.com

SC 1000 SYSTEM TACH/SPEED (85MM) GLASS LENS WHITE FACE GAUGES

Software version 7.0 for all SC1000 Tachometers and Speedometers supports the Mercury global dimming feature, maintenance reminder feature, an improved user interface and have SmartTow standard (various features are engine specific)



SPEEDOMETER - 80 MPH



79-**8M0135627**

SC1000 80 MPH speed gauge, white face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft capable engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

BULK SPEEDOMETER - 80 MPH

79-**8M0135628**

SC1000 80 MPH speed gauge, white face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active Trim, active exhaust and oil level status support. BULK KIT contains 24 gauges.

Priced individually, sold @ multiples of 24

SPEEDOMETER - 50 MPH



79-**8M0135624**

SC1000 50 MPH speed gauge, white face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

SPEEDOMETER - 50 MPH (NO LOGO)



79-**8M0135659**

SC1000 50 MPH speed gauge, no logo, white face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPERATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

TACHOMETER - 7K



79-**8M0135634**

SC1000 7000 RPM tach gauge, white face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

BULK TACHOMETER - 7K

79-**8M0135638**

SC1000 7000 RPM tach gauge, white face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support. BULK KIT contains 24 gauges.

Priced individually, sold @ multiples of 24

TACHOMETER - 4K



79-**8M0135625**

SC1000 4000 RPM tach gauge, white face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

TACHOMETER (NO LOGO)



79-**8M0079925**

SC1000 4000 RPM Tach gauge, no logo, white face, glass lens. Fits 85mm dia. hole.

Fits 2001 and newer Optimax Outboards, 2002 and newer V-6 EFI, 30-60 EFI 4-stroke, Verado, Diesel and all SmartCraft compatible Mercruiser and Mercury Racing product when these models have the 555 ECM. Application of this gauge will depend on the individual engine model and its available sensors. Software 7.0 supports Mercury global dimming function, 150 4-stroke Maintenance Feature, improved user interface and standard SmartTow functionality.

BEZEL SOLD SEPERATELY. Used on all SmartCraft capable engines

TACH/SPEED KIT- SINGLE ENGINE

Image not Available.

79-**8M0185917**

Speedo SC1000 80 MPH and 7K RPM , white face. Single Engine Kit. Must purchase 5-way Jbox separately.

TACH/SPEED KIT- DUAL ENGINE

Image not Available.

79-**8M0185918**

Speedo SC1000 80 MPH and 7K RPM, White Face. Dual Engine Kit. Must purchase 5-way Jbox separately.

TACHOMETER - 5K (NO LOGO)

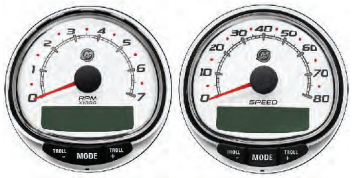


79-**8M0135658**

SC1000 5000 RPM tach gauge, no logo, white face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPERATELY. Used on all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

SPEED KIT- SINGLE ENGINE



79-**8M0185891**

Speedo SC1000 80 mph and 7K RPM, white face. Single Engine kit. Must order 5-way Jbox separately.

SPEED KIT- DUAL ENGINE

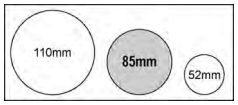


79-**8M0185892**

Speedo SC1000 80 MPH and 7K RPM, White Face. Dual Engine kit. Must order 5-way Jbox separately.

SC 1000 SYSTEM TACH/SPEED (85MM) GLASS LENS BLACK FACE GAUGES

Software version 9.0 for all SC1000 Tachometers and Speedometers adds Active Trim, Active Exhaust and Oil Level Status support (various features are engine specific).



SPEEDOMETER - 80 MPH



79-**8M0135631**

SC1000 80 MPH speed gauge, black face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

SPEEDOMETER - 50 MPH



79-**8M0135629**

SC1000 50 MPH speed gauge, black face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

TACHOMETER - 7K



79-**8M0135641**

SC1000 7000 RPM tach, black face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

TACHOMETER - 4K



79-**8M0135630**

SC1000 4000 RPM tach gauge, black face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

TACHOMETER - 4K (NO LOGO)



79-**8M0135656**

SC1000 4000 RPM tach gauge, no logo, black face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPERATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

TACHOMETER - 5K (NO LOGO)



79-**8M0135657**

SC1000 5000 RPM tach, no logo, black face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPERATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

SPEED KIT - SINGLE ENGINE



79-**8M0185894**

Speedo SC1000 80 MPH and 7K RPM, Black face. Single Engine kit. Must purchase 5-way Jbox separately.

SPEED KIT- DUAL ENGINE

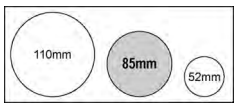


79-**8M0185893**

Speedo SC1000 80 MPH and 7K RPM, Black face. Must purchase 5-way Jbox separately.

SC 1000 SYSTEM TACH/SPEED (85MM) GLASS LENS GRAY FACE GAUGES

Software version 7.0 for all SC1000 Tachometers and Speedometers supports the Mercury global dimming feature, maintenance reminder feature, an improved user interface and have SmartTow standard (various features are engine specific)



SPEEDOMETER - 80 MPH



79-**8M0135654**

SC1000 80 MPH speed gauge, gray face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

BULK SPEEDOMETER - 80 MPH

79-**8M0135655**

SC1000 80 MPH speed gauge, gray face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

Priced individually, sold @ multiples of 24

SPEEDOMETER - 50 MPH



79-**8M0135651**

SC1000 50 MPH speed gauge, gray face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

TACHOMETER - 7K



79-**8M0135645**

SC1000 7000 RPM tach, gray face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

BULK TACHOMETER - 7K

79-**8M0135646**

SC1000 7000 RPM tach, gray face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support. BULK KIT contains 24 gauges.

Priced individually, sold @ multiples of 24

TACHOMETER - 4K



79-**8M0135644**

SC1000 4000 RPM tach, gray face, glass lens. Fits 85mm diameter hole. Gauge has RPM and speed based SmartTow. Features available on this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines. Software version 9.0 adds active trim, active exhaust and oil level status support.

SPEED KIT - SINGLE ENGINE



79-**8M0185895**

Speedo SC1000 80MPH and 7K RPM, Gray face. Single Engine kit. Must purchase 5-way Jbox separately.

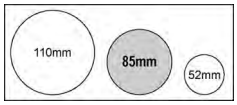
SPEED KIT- DUAL ENGINE



79-**8M0185906**

Speedo SC1000 80MPH and 7K RPM, Gray face. Dual Engine kit. Must purchase 5-way Jbox separately.

SC1000 SYSTEM TACH/SPEED 85 MM BEZELS



OMEGA BEZEL-BLACK



8M0214969

Fits large 3-3/8 in. (85 mm) O.D. SC1000 system gauges and MercMonitors.

BEZEL

859074B 1

Black bezel.

Fits large 3-3/8 in. (85 mm) O.D. SC1000 system gauges and MercMonitors.

Priced individually, sold @ multiples of 24

BEZEL



859074 2

White bezel.

Fits large 3-3/8 in. (85 mm) O.D. SC1000 system gauges and MercMonitors.

859074B 2

White bezel.

Fits large 3-3/8 in. (85 mm) O.D. SC1000 system gauges and MercMonitors.

Priced individually, sold @ multiples of 24

BEZEL



859074 3

Chrome bezel.

Fits large 3-3/8 in. (85 mm) O.D. SC1000 system gauges and MercMonitors.

859074B 3

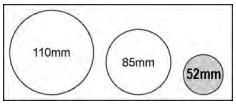
Chrome bezel.

Fits large 3-3/8 in. (85 mm) O.D. SC1000 system gauges and MercMonitors.

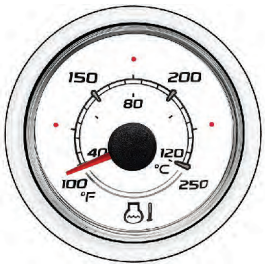
Priced individually, sold @ multiples of 24

SC 100 GLASS LENS WHITE 52MM

SC100 System Link gauges allow you to monitor vital engine and boat functions with digital accuracy. Furnished with a fog resistant lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a plug-in connection. SC100 link gauges can be connected to a SC1000 System Tach, a MercMonitor or System Monitor.



COOLANT TEMPERATURE GAUGE

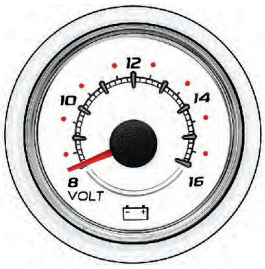


79-**8M0052863**

Dual scale (English and Metric) temperature gauge, white face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

VOLTAGE GAUGE (12 V)

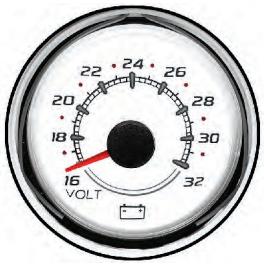


79-**8M0052864**

Voltage gauge (8-16V), white face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

VOLTAGE GAUGE (24 V)

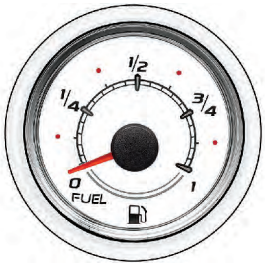


79-8M0069412

Voltage gauge (16-32V), white face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPERATELY. Works with all SmartCraft compatible engines.

FUEL LEVEL GAUGE

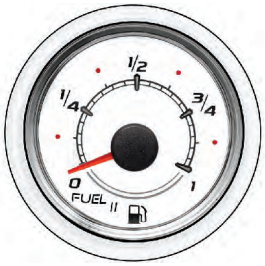


79-8M0052865

Fuel Level Gauge, white face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

FUEL LEVEL 2 GAUGE



79-8M0052866

Fuel Level 2 Gauge, white face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

FUEL FLOW GAUGE



79-8M0069416

Dual scale fuel flow gauge, white face. Fits a standard 2-1/8 in. (52 mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

WATER LEVEL GAUGE



79-8M0052867

Water Level Gauge, white face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

WASTE LEVEL GAUGE

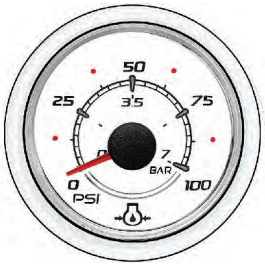


79-8M0052868

Waste Level Gauge, white face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

OIL PRESSURE GAUGE - 0-100 PSI

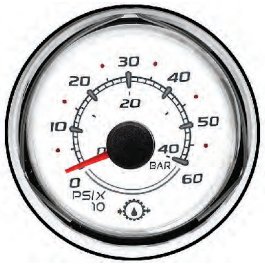


79-8M0052869

Dual scale (English and Metric) 0-100 PSI oil pressure gauge, white face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

GEAR OIL PRESSURE GAUGE - 60 PSI

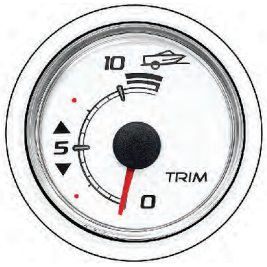


79-8M0069415

Dual scale (English and Metric) 60 PSI oil pressure gauge, white face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPERATELY. Works with all SmartCraft compatible engines.

TRIM GAUGE

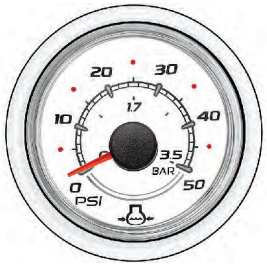


79-**8M0052870**

Trim gauge, white face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

WATER PRESSURE GAUGE

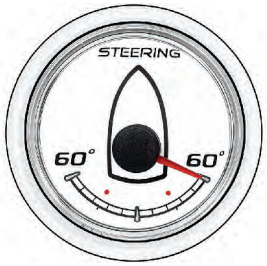


79-**8M0052871**

Dual scale (English and Metric) water pressure gauge, white face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

RUDDER ANGLE GAUGE

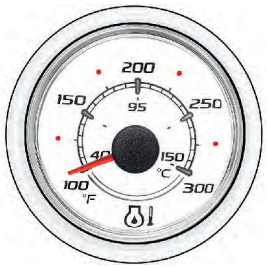


79-**8M0052872**

Rudder angle gauge, white face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

OIL TEMPERATURE GAUGE



79-**8M0054374**

Dual scale (English and Metric) oil temperature gauge, white face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

OIL LEVEL GAUGE



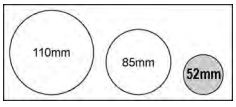
79-**8M0052873**

Oil level gauge, white face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

SC 100 GLASS LENS BLACK 52 MM

SC100 System Link gauges allow you to monitor vital engine and boat functions with digital accuracy. Furnished with a fog resistant lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a plug-in connection. SC100 link gauges can be connected to a SC1000 System Tach, a MercMonitor or System Monitor.



COOLANT TEMPERATURE GAUGE



79-**8M0052842**

Dual scale (English and Metric) coolant temperature gauge, black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

VOLTAGE GAUGE (12 V)



79-**8M0052843**

Voltage gauge (8-16V), black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

VOLTAGE GAUGE (24 V)

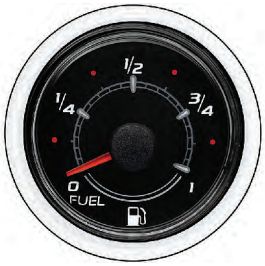


79-**8M0069426**

Voltage gauge (16-32V), black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPERATELY. Works with all SmartCraft compatible engines.

FUEL LEVEL GAUGE

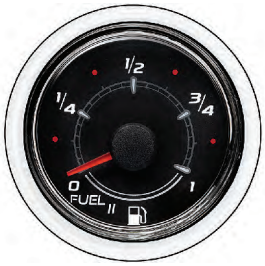


79-**8M0052844**

Fuel level gauge, black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole.
Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

FUEL LEVEL 2 GAUGE



79-**8M0052845**

Fuel level 2 gauge, black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

WATER LEVEL GAUGE



79-**8M0052846**

Water level gauge, black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole.
Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

WASTE LEVEL GAUGE



79-**8M0052847**

Waste level gauge, black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole.
Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

OIL PRESSURE GAUGE - 0-80 PSI



79-**8M0069427**

Dual scale (English and Metric) 0-80 PSI oil pressure gauge, black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPERATELY. Works with all SmartCraft compatible engines.

OIL PRESSURE GAUGE - 0-100 PSI



79-**8M0052848**

Dual scale (English and Metric) 0-100 PSI oil pressure gauge, black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

GEAR OIL PRESSURE GAUGE - 600 PSI



79-**8M0069429**

Dual scale (English and Metric) 600 PSI oil pressure gauge, black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPERATELY. Works with all SmartCraft compatible engines.

TRANSMISSION OIL TEMPERATURE GAUGE



79-**8M6002607**

Transmission oil temperature 120-300 degree F. Black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPERATELY. Typically used on diesel SmartCraft compatible engines.

TRIM GAUGE



79-**8M0052849**

Trim gauge, black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

WATER PRESSURE GAUGE



79-**8M0052850**

Dual scale (English and Metric) water pressure gauge, black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

RUDDER ANGLE GAUGE



79-**8M0052851**

Rudder angle gauge, black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

OIL TEMPERATURE GAUGE



79-**8M0054360**

Dual scale (English and Metric) oil temperature gauge, black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

OIL LEVEL GAUGE



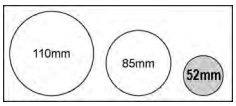
79-**8M0052852**

Oil level gauge, black face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

SC 100 GLASS LENS GRAY 52 MM

SC100 System Link gauges allow you to monitor vital engine and boat functions with digital accuracy. Furnished with a fog resistant lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a plug-in connection. SC100 link gauges can be connected to a SC1000 System Tach, a MercMonitor or System Monitor.



COOLANT TEMPERATURE GAUGE



79-**8M0065962**

Dual scale (English and Metric) temperature gauge, gray face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

VOLTAGE GAUGE



79-8M0065963

Voltage gauge, gray face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

FUEL LEVEL GAUGE



79-8M0065970

Fuel level gauge, gray face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

FUEL LEVEL 2 GAUGE



79-8M0065971

Fuel level 2 gauge, gray face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

WATER LEVEL GAUGE



79-8M0065972

Water level gauge, gray face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

OIL PRESSURE GAUGE



79-8M0065974

Dual scale (English and Metric) oil pressure gauge, gray face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

TRIM GAUGE



79-8M0065975

Trim gauge, gray face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

WATER PRESSURE GAUGE



79-8M0065976

Dual scale (English and Metric) water pressure gauge, gray face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

RUDDER ANGLE GAUGE



79-8M0065977

Rudder angle gauge, gray face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole.
Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

OIL TEMPERATURE GAUGE

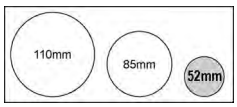


79-**8M0065978**

Dual scale (English and Metric) oil temperature gauge, gray face, glass lens. Fits a standard 2-1/8" (52mm) diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

SC 100 SYSTEM LINK GAUGE 52 MM BEZELS



BEZEL



879871 1

Black - 52 mm

Fits small 2-1/8 in.(52 mm) O.D. SC100 System Link gauges

Priced individually, sold @ multiples of 2

879871B 1

Black

Fits small 2-1/8 in.(52 mm) O.D. SC100 System Link gauges

Priced individually, sold @ multiples of 24

BEZEL



879871 2

White - 52 mm

Fits small 2-1/8 in.(52 mm) O.D. SC100 System Link gauges

Priced individually, sold @ multiples of 2

BEZEL



8M6002359

Chrome - 52 mm

Fits small 2-1/8 in.(52 mm) O.D. SC100 System Link gauges

Priced individually, sold @ multiples of 2

8M0032454

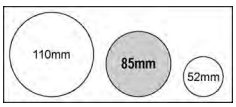
Chrome

Fits small 2.125 in.(52 mm) O.D. SC100 System Link gauges

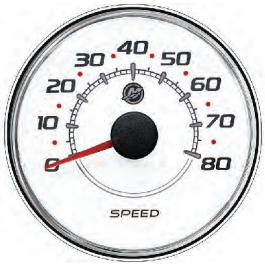
Priced individually, sold @ multiples of 24

SC 100 GLASS LENS WHITE 85 MM

SC100 System Link gauges allow you to monitor vital engine and boat functions with digital accuracy. Furnished with a fog resistant lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a plug-in connection. SC100 link gauges can be connected to a SC1000 System Tach, a MercMonitor or System Monitor.



SPEEDOMETER

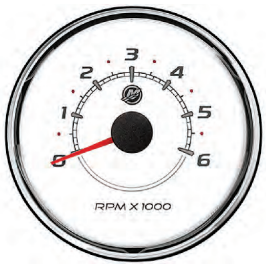


79-**8M0052874**

80 MPH/KPH speed gauge, white face, glass lens. Fits 85mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

TACHOMETER

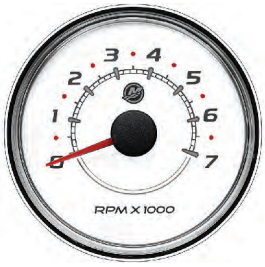


79-**8M0069418**

6000 RPM tach gauge, white face, glass lens. Fits 85mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

TACHOMETER



79-**8M0052875**

7000 RPM tach gauge, white face, glass lens. Fits 85mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

TACHOMETER

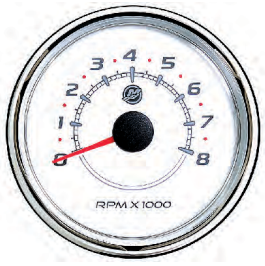


79-**8M0052854**

7000 RPM tach gauge, black face, glass lens. Fits 85mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

TACHOMETER



79-**8M0069419**

8000 RPM tach gauge, white face, glass lens. Fits 85mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

TACHOMETER



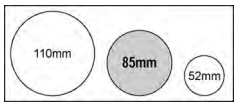
79-**8M0069433**

8000 RPM tach gauge, black face, glass lens. Fits 85mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

SC 100 GLASS LENS BLACK 85 MM

SC100 System Link gauges allow you to monitor vital engine and boat functions with digital accuracy. Furnished with a fog resistant lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a plug-in connection. SC100 link gauges can be connected to a SC1000 System Tach, a MercMonitor or System Monitor.



SPEEDOMETER



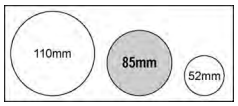
79-**8M0052853**

80 MPH/KPH speed gauge, black face, glass lens. Fits 85mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

SC 100 GLASS LENS GRAY 85 MM

SC100 System Link gauges allow you to monitor vital engine and boat functions with digital accuracy. Furnished with a fog resistant lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a plug-in connection. SC100 link gauges can be connected to a SC1000 System Tach, a MercMonitor or System Monitor.



SPEEDOMETER



79-**8M0065980**

80 MPH/KPH speed gauge, gray face, glass lens. Fits 85mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

TACHOMETER



79-**8M0069460**

6000 RPM tach gauge, gray face, glass lens. Fits 85mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.
BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

TACHOMETER



79-**8M0065981**

7000 RPM tach gauge, gray face, glass lens. Fits 85 mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.
BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

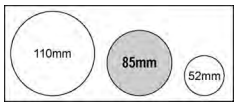
TACHOMETER



79-**8M0069461**

8000 RPM tach gauge, gray face, glass lens. Fits 85mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.
BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

SC 100 SYSTEM LINK GAUGE 85 MM BEZELS



BEZEL 85 MM



879872 1

Black
Fits large 3-3/8 in.(85 mm) O.D. SC100 System Link gauges
Priced individually, sold @ multiples of 2

BEZEL 85 MM



879872 2

White
Fits large 3-3/8 in.(85 mm) O.D. SC100 System Link gauges
Priced individually, sold @ multiples of 2

BEZEL 85 MM



879872 3

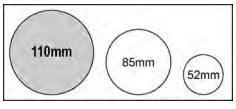
Chrome
Fits large 3-3/8 in.(85 mm) O.D. SC100 System Link gauges
Priced individually, sold @ multiples of 2

879872B 3

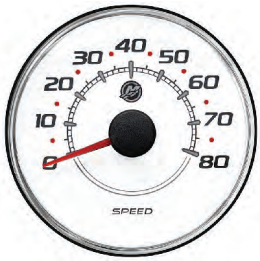
Chrome
Fits large 3-3/8 in.(85 mm) O.D. SC100 System Link gauges
Priced individually, sold @ multiples of 24

SC 100 GLASS LENS WHITE 110 MM

SC100 System Link gauges allow you to monitor vital engine and boat functions with digital accuracy. Furnished with a fog resistant lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a plug-in connection. SC100 link gauges can be connected to a SC1000 System Tach, a MercMonitor or System Monitor.



SPEEDOMETER

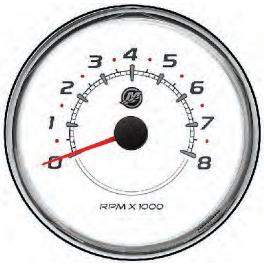


79-**8M0052878**

80 MPH/KPH speed gauge, white face, glass lens. Fits a 110mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

TACHOMETER

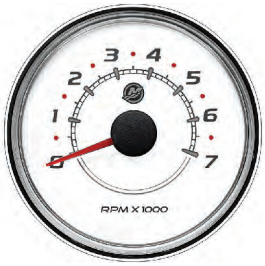


79-**8M0069431**

8000 RPM tach gauge, white face, glass lens. Fits 110mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

TACHOMETER



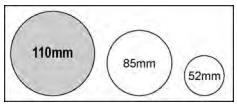
79-**8M0052877**

7000 RPM tach gauge, white face, glass lens. Fits a 110mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

SC 100 GLASS LENS BLACK 110 MM

SC100 System Link gauges allow you to monitor vital engine and boat functions with digital accuracy. Furnished with a fog resistant lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a plug-in connection. SC100 link gauges can be connected to a SC1000 System Tach, a MercMonitor or System Monitor.



SPEEDOMETER



79-**8M0052857**

80 MPH/KPH speed gauge, black face, glass lens. Fits 110mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

TACHOMETER

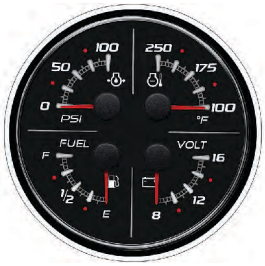


79-**8M0052856**

7000 RPM tach gauge, black face, glass lens. Fits 110mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

4 IN 1 GAUGE (12 V) NO LOGO



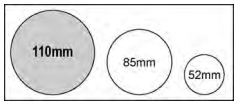
79-**8M0069437**

4 IN 1 gauge, no logo, black face, glass lens. Oil pressure (0-100 PSI), oil temperature, voltage (12V), and fuel level functions. Fits 110mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPERATELY. Works with all SmartCraft compatible engines.

SC 100 GLASS LENS GRAY 110 MM

SC100 System Link gauges allow you to monitor vital engine and boat functions with digital accuracy. Furnished with a fog resistant lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a plug-in connection. SC100 link gauges can be connected to a SC1000 System Tach, a MercMonitor or System Monitor.



TACHOMETER

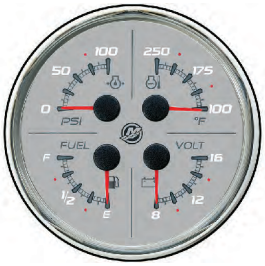


79-8M0065983

7000 RPM tach gauge, gray face, glass lens. Fits a 110mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

4 IN 1 GAUGE

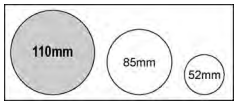


79-8M0065985

4 in 1 gauge, gray face, glass lens. Oil pressure (0-100 PSI), oil temperature, voltage (12V), and fuel level functions. Fits 110mm diameter hole. Application of this gauge will depend on the individual engine model and its available sensors.

BEZEL SOLD SEPARATELY. Works with all SmartCraft compatible engines.

SC 100 SYSTEM LINK- 110MM -BEZEL/MOUNTING HARDWARE



BEZEL



879949 1

Black

Fits large 4-5/16" (110 mm) O.D. SC100 System Link gauges

Priced individually, sold @ multiples of 2

879949 3

Chrome

Fits large 4-5/16" (110 mm) O.D. SC100 System Link gauges

Priced individually, sold @ multiples of 2

879949B 3

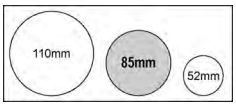
Chrome

Fits large 4-5/16" (110 mm) O.D. SC100 System Link gauges.

Priced individually, sold @ multiples of 24

MERCMONITOR WITH ACTIVE TRIM SUPPORT AND N2K GATEWAY

MercMonitor fits in a standard SmartCraft SC1000 gauge 85mm hole and provides constant coverage of temperature, oil level, oil pressure, water pressure, fuel level, battery voltage and other major engine systems. Easily switches among the modes of RPM, fuel range in miles and kilometers, fuel flow in gallons and liters, water depth (with use of SmartCraft transducer), engine trim and engine hours. Latest MercMonitor products support Active Trim interface. NMEA Gateway functionality comes in three different levels depending on the amount of data you want to transmit to the NMEA2000 network. This product also comes in Smart Tow versions, for use with Gen I (2007) and newer DTS engines.



MERCMONITOR NMEA 2000 DATA LEVEL 1 KIT



79-8M0135536

MercMonitor base version has full SmartCraft functionality and will display all information that is available on selected SmartCraft engines. Includes active trim interface and NMEA2000 gateway Level 1. Other features include glass lenses and tri-color LED, which allows user to pick backlight and button color. Screens include customizable favorites, descriptive fault text (Gen I (2007) and newer engines only), speed, depth and much more. Three bezels included.

Software version 9.0 adds active trim, active exhaust, and oil level status support.

MERCMONITOR NMEA 2000 DATA LEVEL 2 SMARTTOW RPM KIT



79-8M0135617

MercMonitor RPM SmartTow has full SmartCraft and SmartTow RPM functionality. SmartTow allows you to launch your boat using RPM profiles only. Will display all information that is available on selected SmartCraft engines. Includes active trim interface and NMEA2000 gateway level 2. Other features include glass lenses and tri-color LED, which allows user to pick backlight and button color from menu. Screens include customizable favorites, descriptive fault text (Gen I (2007) and newer engines only), speed, depth and much more. Three bezels included.

Software version 9.0 adds active trim, active exhaust, and oil level status support.

MERCMONITOR NMEA 2000 DATA LEVEL 3 SMARTTOW PRO KIT



79-**8M0135618**

MercMonitor gateway level 3 has full SmartCraft and SmartTow pro functionality (GPS and antenna included). SmartTow pro software allows you to launch your boat using speed and RPM profiles. Will display all information that is available on selected SmartCraft engines. Includes active trim interface and NMEA2000 multi-engine gateway level 3. Other features include glass lenses and tri-color LED, which allows user to pick backlight and button color from menu. Screens include customizable favorites, descriptive fault text (Gen I (2007) and newer engines only), speed, depth and much more. Three bezels included.

Software version 9.0 adds active trim, active exhaust, and oil level status support.

MERCMONITOR NMEA 2000 DATA LEVEL 3 GATEWAY PREMIER KIT



79-**8M0135619**

MercMonitor gateway premier kit has full SmartCraft and SmartTow RPM functionality. SmartTow allows you to launch your boat using RPM profiles only. Will display all information that is available on selected SmartCraft engines. Includes active trim interface and NMEA2000 multi-engine gateway level 3. Other features include glass lenses and tri-color LED, which allows user to pick backlight and key button color from menu to match other gauges on vessel. Screens include customizable favorites, descriptive fault text (Gen I (2007) and newer engines only), speed, depth and much more. Three bezels included.

Software version 9.0 adds active trim, active exhaust, and oil level status support.

MERCMONITOR - NO NMEA 2000

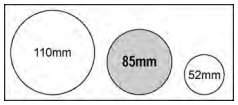


79-**8M0119406**

Software version 4.602 has full SmartCraft functionality (including eco screen) and will display all information that is available on selected SmartCraft engines. Includes tri-color LED, which allows user to pick backlight and button color from menu. Screens include customizable favorites, descriptive fault text (Gen I (2007) and newer engines only), speed, depth and much more. Does not include NMEA2000 gateway functionality and does not include SmartTow or Cruise. Three bezels included.

Fits 2002 and newer OptiMax Outboards, V-6 EFI, 30-60 EFI 4-Stroke, all SmartCraft compatible MerCruiser and Mercury Racing products. Does not support NMEA2000, Universal Fault Codes or the latest Tab module.

SC1000 SYSTEM MONITOR (85MM)



SMARTCRAFT SC1000 SYSTEM MONITOR-ROUND/ BLACK



79-**892219K19**

Front mount. Uses a 85 mm diameter hole. Delivers an alarm on battery, water pressure and oil pressure. May provide additional information on fuel consumption, fuel range, engine hours, coolant temperature and engine trim depending on engine type and its sensors.

Works with all SmartCraft compatible engines.

SMARTCRAFT SC1000 SYSTEM MONITOR-ROUND/ WHITE

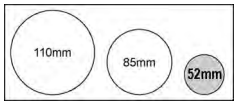


79-**892219K20**

Front mount. Uses a 85mm diameter hole. Delivers an alarm on battery, water pressure and oil pressure. May provide additional information on fuel consumption, fuel range, engine hours, coolant temperature and engine trim depending on engine type and its sensors.

Works with all SmartCraft compatible engines.

SC1000 SYSTEM MONITOR (52MM)



SMARTCRAFT SC1000 SYSTEM MONITOR



79-**879896K21**

Front mount. Uses a 52mm diameter hole. Delivers an alarm on battery, water pressure and oil pressure. May provide additional information on fuel consumption, fuel range, engine hours, coolant temperature and engine trim depending on engine type and its sensors.

Works with all SmartCraft compatible engines.

SC1000 SYSTEM MONITOR BEZELS

BEZEL MONITOR



8M6003662

Black
Fits SC1000 System Monitor (Square)

BEZEL MONITOR



8M6003663

White
Fits SC1000 System Monitor (Square)

MERCURY GATEWAY

MERCURY NMEA2000 SMARTCRAFT GATEWAY



98-**8M0165589**

The Mercury NMEA2000 SmartCraft Gateway converts Mercury engine and system data to NMEA2000 for use on non-Mercury gauges and displays for 1 to 4 engines. It also converts applicable NMEA2000 data to SmartCraft data for display by applicable SmartCraft gauges and displays. Includes a NMEA2000 "T" connector for quick installation.

Any instance where SmartCraft data is desired on the NMEA2000 bus. Applies to single through quad engine applications. Not required when a MercMonitor, VesselView Link or VesselView403, 502, 703 or 903 are being used.

QUINT ENGINE GATEWAY MODULE

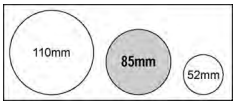


98-**8M0165598**

CAN P module for quint engine applications. 2.0.9 not functional. Needs new software.

SC1000 SMART TOW TACH/SPEED (85MM) PLASTIC LENS WHITE FACE/CHROME BEZEL

This section lists all of the SC1000 gauges that are capable of Smart Tow RPM based and Speed based functionality. The Smart Tow products will work with all DTS engines Gen 1 (2007) and newer. Includes DTS Mercruiser and DTS Outboard. SmartTow Gauges come in Plastic Lenses only. These gauges will NOT work with the 150 4 stroke Maintenance feature. (See Glass and Grey Plastic SC1000 products for this functionality.)



SC1000 SMART TOW PRO - SPEED BASED

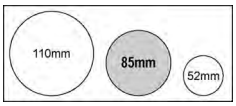


79-**879169K14**

0 - 80 MPH. White face and Chrome bezel with black numerals. Smart Tow Pro includes five profiles that allows customized launch control plus 10 additional user customizable profiles that can be named. Kit includes GPS sensor. Great for ski market and weekend sport enthusiast. New descriptive text fault displayed for easier problem recognition. Users will find profiles are programmed from soft to aggressive launch. Just hit the throttle and let the gauge do the rest.

Can be used with Gen I (2007) engines and newer. *Must be used with SC1000 System Tach Version 4.0 Gauge software and newer (version is found on back of gauge)

SC1000 SYSTEM TACH/SPEED 85 MM BEZELS



OMEGA BEZEL-BLACK



8M0214969

Fits large 3-3/8 in. (85 mm) O.D. SC1000 system gauges and MercMonitors.

BEZEL

859074B 1

Black bezel.

Fits large 3-3/8 in. (85 mm) O.D. SC1000 system gauges and MercMonitors.

Priced individually, sold @ multiples of 24

BEZEL



859074 2

White bezel.

Fits large 3-3/8 in. (85 mm) O.D. SC1000 system gauges and MercMonitors.

859074B 2

White bezel.

Fits large 3-3/8 in. (85 mm) O.D. SC1000 system gauges and MercMonitors.

Priced individually, sold @ multiples of 24

BEZEL



859074 3

Chrome bezel.

Fits large 3-3/8 in. (85 mm) O.D. SC1000 system gauges and MercMonitors.

859074B 3

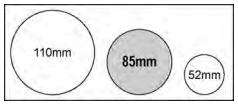
Chrome bezel.

Fits large 3-3/8 in. (85 mm) O.D. SC1000 system gauges and MercMonitors.

Priced individually, sold @ multiples of 24

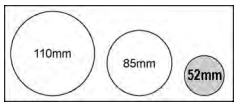
SC1000 SYSTEM TACH/SPEED (85 MM) PLASTIC LENS BLACK FACE/CHROME BEZEL GAUGES

Tach displays engine RPM, voltage, water pressure, engine temperature, engine hours, trim, fuel flow rate in gallons or liters, and much more. Speedometer displays boat speed, clock, fuel level, oil level, MPG, GPS course, water and air temperature, engine synchronizer, and much more. Meters display engine alarm conditions with information on the severity of the problem. Analog and LCD readout. Gauges each require a 3-3/8 in.(85 mm) hole in the dash. These gauges will NOT work with the 150 4 stroke Maintenance feature (See Glass and Grey Plastic SC1000 products for this functionality).



SC 100 SYSTEM LINK (52MM) PLASTIC LENS GRAY FACE/BLACK BEZEL GAUGES

Easy-to-read Analog System Link gauges allow you to track vital engine and boat functions with digital accuracy. Furnished with a fog proof lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a one wire plug-in connection.



SC 100 SYSTEM LINK OIL TEMPERATURE GAUGE



79-**879909K 1**

Metric version oil temperature gauge, gray face. Fits a standard 2-1/8 in. (52 mm) diameter hole.

Fits 2001 and newer OptiMax Outboards, 2002 and newer V-6 EFI, 30-60 EFI 4-Stroke, all SmartCraft compatible MerCruiser and Mercury Racing products when these models have the 555 ECM. Application of this gauge will depend on the individual engine model and its available sensors.

SC 100 SYSTEM LINK OIL PRESSURE GAUGE



79-**879917K 1**

Metric version oil pressure gauge, gray face. Fits a standard 2-1/8 in. (52 mm) diameter hole.

Fits 2001 and newer OptiMax Outboards, 2002 and newer V-6 EFI, 30-60 EFI 4-Stroke, all SmartCraft compatible MerCruiser and Mercury Racing products when these models have the 555 ECM. Application of this gauge will depend on the individual engine model and its available sensors.

SC 100 SYSTEM LINK VOLTAGE GAUGE



79-**879921K 1**

Voltage gauge, gray face. Fits a standard 2-1/8 in. (52 mm) diameter hole.

Fits 2001 and newer OptiMax Outboards, 2002 and newer V-6 EFI, 30-60 EFI 4-Stroke, all SmartCraft compatible MerCruiser and Mercury Racing products when these models have the 555 ECM. Application of this gauge will depend on the individual engine model and its available sensors.

SC 100 SYSTEM LINK WATER LEVEL GAUGE



79-**879922K 1**

Water level gauge, gray face. Fits a standard 2-1/8 in. (52 mm) diameter hole.

Fits 2001 and newer OptiMax Outboards, 2002 and newer V-6 EFI, 30-60 EFI 4-Stroke, all SmartCraft compatible MerCruiser and Mercury Racing products when these models have the 555 ECM. Application of this gauge will depend on the individual engine model and its available sensors.

SC 100 SYSTEM LINK ENGINE SYNCHRONIZER GAUGE



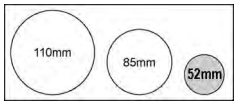
79-**879924K 1**

Engine synchronizer gauge, gray face. Fits a standard 2-1/8 in. (52 mm) diameter hole.

Fits 2001 and newer OptiMax Outboards, 2002 and newer V-6 EFI, 30-60 EFI 4-Stroke, all SmartCraft compatible MerCruiser and Mercury Racing products when these models have the 555 ECM. Application of this gauge will depend on the individual engine model and its available sensors.

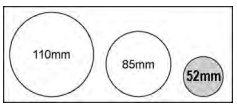
SC 100 SYSTEM LINK (52MM) PLASTIC LENS WHITE FACE/CHROME BEZEL GAUGES

Easy-to-read Analog System Link gauges allow you to track vital engine and boat functions with digital accuracy. Furnished with a fog resistant lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a one wire plug-in connection. SC100 link gauges require a master gauge such as an SC1000 System Tach, a MercMonitor, or a System Monitor in order to function. These gauges have chrome bezels.

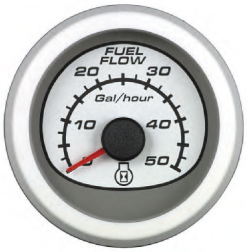


SC 100 SYSTEM LINK (52MM) PLASTIC LENS WHITE FACE/WHITE BEZEL GAUGES

Easy-to-read Analog System Link gauges allow you to track vital engine and boat functions with digital accuracy. Furnished with a fog proof lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a one wire plug-in connection.



SC 100 SYSTEM LINK FUEL FLOW GAUGE

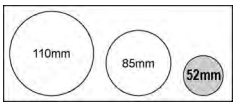


79-**879912K11**

English version fuel flow gauge, white face. Fits a standard 2-1/8 in. (52 mm) diameter hole.

Fits 2001 and newer OptiMax Outboards, 2002 and newer V-6 EFI, 30-60 EFI 4-Stroke, all SmartCraft compatible MerCruiser and Mercury Racing products when these models have the 555 ECM. Application of this gauge will depend on the individual engine model and its available sensors.

SC 100 SYSTEM LINK (52MM) PLASTIC LENS BLACK FACE/CHROME BEZEL GAUGES



SC 100 SYSTEM LINK TRIM GAUGE



79-**879914K21**

Trim gauge, black face. Fits a standard 2-1/8 in. (52 mm) diameter hole.

Fits 2001 and newer OptiMax Outboards, 2002 and newer V-6 EFI, 30-60 EFI 4-Stroke, all SmartCraft compatible MerCruiser and Mercury Racing products when these models have the 555 ECM. Application of this gauge will depend on the individual engine model and its available sensors.

SC 100 SYSTEM LINK VOLTAGE GAUGE



79-**879921K21**

Voltage gauge 8-16 volts, black face. Fits a standard 2-1/8 in. (52 mm) diameter hole.

Fits 2001 and newer OptiMax Outboards, 2002 and newer V-6 EFI, 30-60 EFI 4-Stroke, all SmartCraft compatible MerCruiser and Mercury Racing product when these models have the 555 ECM. Application of this gauge will depend on the individual engine model and its available sensors.

SC 100 SYSTEM LINK ENGINE COOLANT TEMP GAUGE



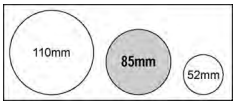
79-**879920K21**

English version engine coolant temperature gauge 100-250 F/40-120 C dual scale, black face. Fits a standard 2-1/8 in. (52 mm) diameter hole.

Fits 2001 and newer OptiMax Outboards, 2002 and newer V-6 EFI, 30-60 EFI 4-Stroke, all SmartCraft compatible MerCruiser and Mercury Racing product when these models have the 555 ECM. Application of this gauge will depend on the individual engine model and its available sensors.

SC 100 SYSTEM LINK (85MM) PLASTIC LENS WHITE FACE/WHITE BEZEL GAUGES

Easy-to-read Analog System Link gauges allow you to track vital engine and boat functions with digital accuracy. Furnished with a fog proof lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a one wire plug-in connection.



SC 100 SYSTEM LINK SPEEDOMETER



79-**879905K11**

80 (mph or km/h) speedometer, white face. Fits a standard 3-3/8" (85 mm) diameter hole.

Fits 2001 and newer OptiMax Outboards, 2002 and newer V-6 EFI, 30-60 EFI 4-Stroke, all SmartCraft compatible MerCruiser and Mercury Racing products when these models have the 555 ECM. Application of this gauge will depend on the individual engine model and its available sensors.

SC 100 SYSTEM LINK TACHOMETER



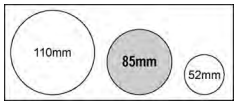
79-**879903K11**

8,000 RPM tachometer, white face. Fits a standard 3-3/8" (85 mm) diameter hole.

Fits 2001 and newer OptiMax Outboards, 2002 and newer V-6 EFI, 30-60 EFI 4-Stroke, all SmartCraft compatible MerCruiser and Mercury Racing products when these models have the 555 ECM. Application of this gauge will depend on the individual engine model and its available sensors.

SC 100 SYSTEM LINK (85MM) PLASTIC LENS GRAY FACE/BLACK BEZEL GAUGES

Easy-to-read Analog System Link gauges allow you to track vital engine and boat functions with digital accuracy. Furnished with a fog proof lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a one wire plug-in connection.



SC 100 SYSTEM LINK SPEEDOMETER

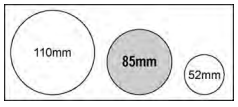


79-**879906K 1**

120 (mph or km/h) speedometer, gray face. Fits in a standard 3-3/8" (85 mm) diameter hole.

Fits 2001 and newer OptiMax Outboards, 2002 and newer V-6 EFI, 30-60 EFI 4-Stroke, all SmartCraft compatible MerCruiser and Mercury Racing products when these models have the 555 ECM. Application of this gauge will depend on the individual engine model and its available sensors.

SC 100 SYSTEM LINK (85MM) PLASTIC LENS BLACK FACE/CHROME BEZEL GAUGES



SC 100 SYSTEM LINK SPEEDOMETER



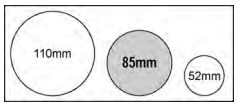
79-**879905K21**

80 (mph or km/h) speedometer, black face. Fits in a standard 3-3/8" (85 mm) diameter hole.

Fits 2001 and newer OptiMax Outboards, 2002 and newer V-6 EFI, 30-60 EFI 4-Stroke, all SmartCraft compatible MerCruiser and Mercury Racing products when these models have the 555 ECM. Application of this gauge will depend on the individual engine model and its available sensors.

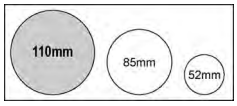
SC 100 SYSTEM LINK (110 MM) PLASTIC LENS WHITE FACE/WHITE BEZEL GAUGES

Easy-to-read Analog System Link gauges allow you to track vital engine and boat functions with digital accuracy. Furnished with a fog proof lens, these gauges can be "daisy chain" interfaced between other SmartCraft products using a one wire plug-in connection.

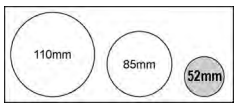


SC 100 SYSTEM LINK (110MM) PLASTIC LENS BLACK FACE/CHROME BEZEL GAUGES

Easy-to-read Analog System Link gauges allow you to track vital engine and boat functions with digital accuracy. Can be easily interfaced to SmartCraft products. New larger size makes information easier to read. Fits in a 4-5/16 " (110mm) diameter hole.



SC 100 SYSTEM LINK GAUGE 52 MM BEZELS



BEZEL



879871 1

Black - 52 mm

Fits small 2-1/8 in.(52 mm) O.D. SC100 System Link gauges

Priced individually, sold @ multiples of 2

879871B 1

Black

Fits small 2-1/8 in.(52 mm) O.D. SC100 System Link gauges

Priced individually, sold @ multiples of 24

BEZEL



879871 2

White - 52 mm

Fits small 2-1/8 in.(52 mm) O.D. SC100 System Link gauges

Priced individually, sold @ multiples of 2

BEZEL



8M6002359

Chrome - 52 mm

Fits small 2-1/8 in.(52 mm) O.D. SC100 System Link gauges

Priced individually, sold @ multiples of 2

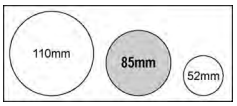
8M0032454

Chrome

Fits small 2.125 in.(52 mm) O.D. SC100 System Link gauges

Priced individually, sold @ multiples of 24

SC 100 SYSTEM LINK GAUGE 85 MM BEZELS



BEZEL 85 MM



879872 1

Black

Fits large 3-3/8 in.(85 mm) O.D. SC100 System Link gauges

Priced individually, sold @ multiples of 2

BEZEL 85 MM



879872 2

White
Fits large 3-3/8 in.(85 mm) O.D. SC100 System Link gauges
Priced individually, sold @ multiples of 2

BEZEL 85 MM



879872 3

Chrome
Fits large 3-3/8 in.(85 mm) O.D. SC100 System Link gauges
Priced individually, sold @ multiples of 2

879872B 3

Chrome
Fits large 3-3/8 in.(85 mm) O.D. SC100 System Link gauges
Priced individually, sold @ multiples of 24

SMARTCRAFT SYSTEM GAUGE AND MONITOR RETAINING NUTS

RETAINING NUT



11-879900

Fits small 2-1/8 in.(52 mm) SmartCraft System gauges and monitor.
Priced individually, sold @ multiples of 2

RETAINING NUT



11-859073

Fits large 3-3/8 in.(85 mm) SmartCraft System gauges.
Priced individually, sold @ multiples of 2

RETAINING NUT - REAR MOUNT



11-879902

Nut includes tabs to allow gauge to be mounted from the rear of dash panel.
Fits small 2-1/8 in.(52 mm) SmartCraft System gauges and monitor.
Priced individually, sold @ multiples of 2

RETAINING NUT



11-879950

Fits large 4-5/16" (110 mm) SmartCraft System gauges.
Priced individually, sold @ multiples of 2

RETAINING NUT



11-879900B 1

Fits small 2-1/8 in.(52 mm) SmartCraft System gauges and monitor.
Priced individually, sold @ multiples of 24

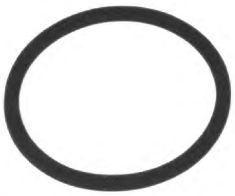
RETAINING NUT



11-**859073B 1**

Fits large 3-3/8 in.(85 mm) SmartCraft System gauges.

GAUGE SEAL

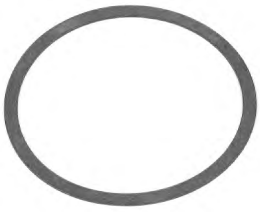


12-**879925**

Fits small 2-1/8 in.(52 mm) SmartCraft System gauges and monitor.

Priced individually, sold @ multiples of 2

GAUGE SEAL



12-**859656**

Fits small 3-3/8 in.(85 mm) SmartCraft System gauges.

Priced individually, sold @ multiples of 2

SMARTCRAFT GAUGE HOUSING



8M0099412

Housing for when you want to install a SmartCraft gauge in an application without a dash (primarily tiller applications), typically to the gunnel or transom.

Any 85mm SmartCraft gauge (System Tach, System Speed, MercMonitor, SC100 link gauges). This is the housing only. Gauge and harness required, sold separately.

ANALOG GAUGE INTERFACE KITS

DTS ENGINE - ANALOG GAUGE HARNESS



84-**8M0095716**

An analog gauge harness (15 feet) specific for DTS engines that is more cost effective than the AGI (Analog Gauge Interface) solution.

Compatible with DTS, Outboard, and V6/ V8 engines.

84-**8M0095826**

An analog gauge harness (20 feet) specific for DTS engines that is more cost effective than the AGI (Analog Gauge Interface) solution.

Compatible with DTS, Outboard, and V6/ V8 engines.

84-**8M0095827**

An analog gauge harness (25 feet) specific for DTS engines that is more cost effective than the AGI (Analog Gauge Interface) solution.

Compatible with DTS, Outboard, and V6/ V8 engines.

84-**8M0095828**

An analog gauge harness (30 feet) specific for DTS engines that is more cost effective than the AGI (Analog Gauge Interface) solution.

Compatible with DTS, Outboard, and V6/ V8 engines.

SMARTCRAFT RIGGING AND CONVERSION KITS

SMARTCRAFT CONNECT KIT UNDER HELM - SINGLE



98-**8M0173694**

Single Engine SmartCraft Connect Kit- Under Helm

SMARTCRAFT CONNECT KIT UNDER COWL - SINGLE

Image not Available.

98-**8M0173704**

Single Engine SmartCraft Connect Kit- Under Cowl

SMARTCRAFT CONNECT KIT UNDER HELM - DUAL



98-**8M0173696**

Dual Engine SmartCraft Connect Kit- Under Helm

SMARTCRAFT CONNECT KIT UNDER HELM - TRIPLE & QUAD

Image not Available.

98-**8M0173703**

Triple and Quad Engine SmartCraft Connect Kit- Under Helm

CONVERSION KIT - SMARTCRAFT SENSORS



889250K01

New kit that allows you to use SmartCraft gauges on these engines.

Gen II (2007) 75 HP - 115 HP 4 stroke 1.7L engines.

ANALOG TO DIGITAL CONVERSION KIT



859648A 2

Converts an analog to a digital OptiMax. Contains the sensors, harnesses and instructions needed.

Fits 2000 and newer OptiMax 2.5L engines.

SMARTCRAFT RIGGING KIT



8M0056278

Kit contains the following:
1257- 8742A21 Oil Tanks with Oil Senders (2)
859223 Speed/Temperature Sensor (1)
84-859743T 1 Harness to oil, fuel and paddle wheel (2)
84-879981T30 SC1000R-30, 30 ft. (9.1 meter) Data Harnesses (2)
878492A16, 6-Plug J Box (1)
859318T 2 Weather Caps (2)
881175A 1 Male Connector Cap (1)
881176A 1 Female Connector Cap (1)

For dual application. Fits 2001-2005 OptiMax Outboards, 2002-2005 V-6 EFI Outboards and Pro Max Mercury Racing Outboards (when equipped with the 555 Electronic Control Module). The oil tank bracket may only be used as a floor mounted application.

SMARTCRAFT RIGGING PREP KIT FOR OPTIMAX - SINGLE



8M0056275

Kit contains the following:
1257- 8742A21 Oil Tank with Oil Sender (1)
84-879982A30 30 ft 2RSL SmartCraft Harness (1)
84-859743A 1 Harness Assembly - Boat

Fits 2006 OptiMax Outboards, 2006 V-6 EFI Outboards and Pro Max Mercury Racing Outboards (when equipped with the 555 Electronic Control Module). The oil tank bracket may only be used as a floor mounted application.

REMOTE 3.0 US GAL (11 L) OIL TANK



1257- **8742A21**

Remote 3.0 US gal (11 L) Oil Tank with sender, complete with tank, lines, floor mounting bracket and all hardware.

REMOTE 3.0 US GAL (11 L) OIL TANK



1257- **8742A22**

Remote 3.0 US gal (11 L) Oil Tank without sender, complete with tank, lines, floor mounting bracket and all hardware.

Optional tank size for Mercury/Mariner 2 cycle outboards, to be used wherever a pressurized oil reservoir system is already in use. This tank and bracket assembly is only used in floor mounted applications.

REMOTE 3.0 US GAL (11 L) OIL TANK



1257- 8742A23

Remote 3.0 US gal (11 L) Oil Tank without sender, complete with tank, lines, mounting bracket and all hardware (old bracket design).

Optional tank size for Mercury/Mariner 2 cycle outboards, to be used wherever a pressurized oil reservoir system is already in use. This tank and bracket assembly may be optionally floor or wall mounted.

REMOTE 3.0 US GAL (11 L) OIL TANK



1257- 8742A24

Remote 3.0 US gal (11 L) Oil Tank with sender, complete with tank, lines, floor mounting bracket and all hardware (old bracket design).

Optional tank size for Mercury/Mariner 2 cycle outboards, to be used wherever a pressurized oil reservoir system is already in use. This tank and bracket assembly may be optionally floor or wall mounted.

REMOTE OIL TANK KIT



1257- 8742A25

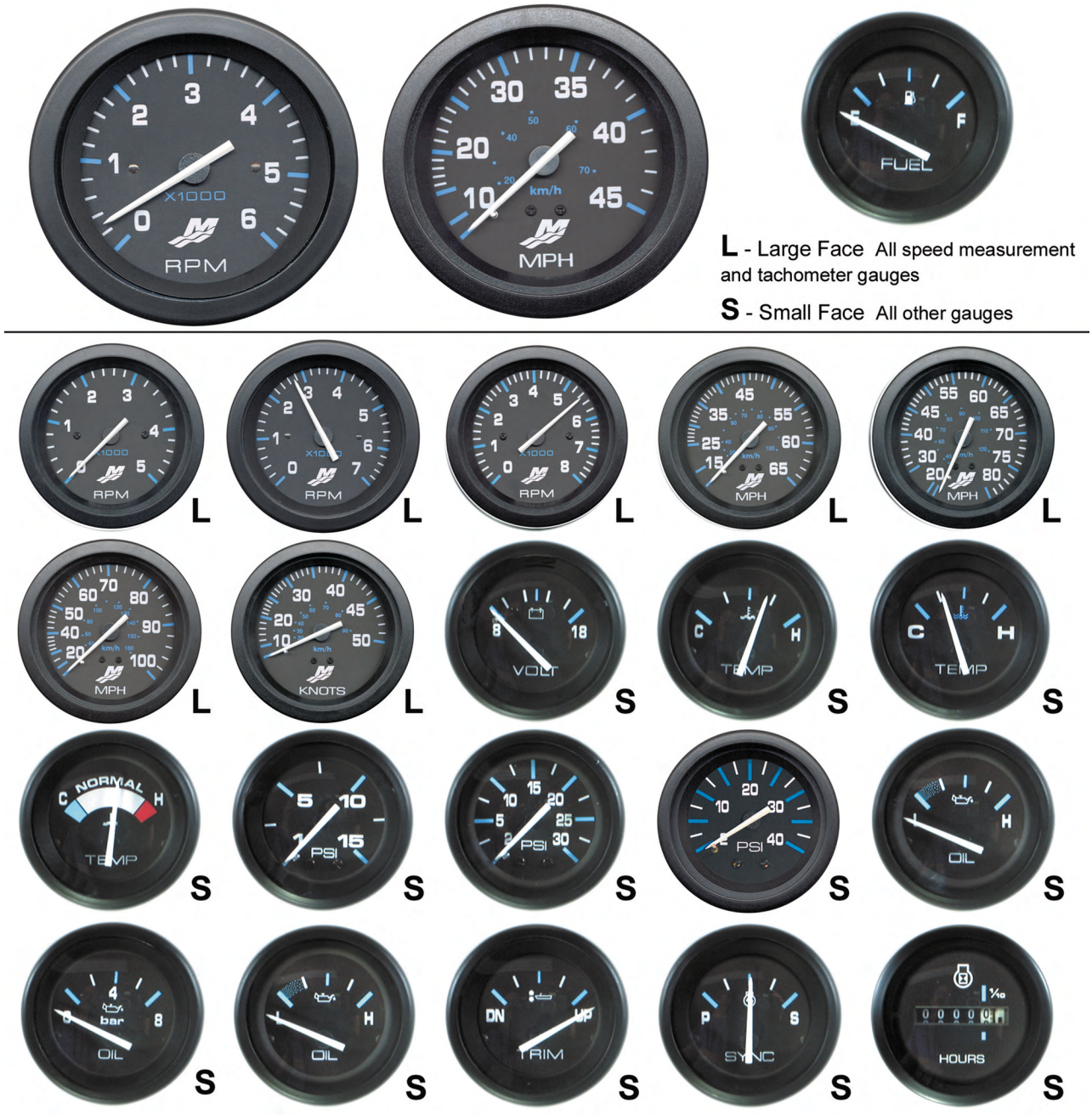
Includes remote oil tank, lines, fittings and hardware to convert to a pressurized remote 2 cycle oil tank system.

Fits Mercury/Mariner 75, 90, 115 hp (1.5L) OptiMax outboards, model year 2004 and newer.

ANALOG INSTRUMENTS

INSTRUMENT SETS - FLAGSHIP PLUS BLACK FACE FAMILY

Visit the Flagship Plus Black Face Family section for individual details. All tachometers and speedometers fit a standard 3-3/8 in. (85 mm) diameter hole. All other gauges fit a 2-1/8 in. (52 mm) diameter hole.



INSTRUMENT SETS - FLAG SHIP PLUS WHITE FACE FAMILY

Visit the Flag Ship Plus White Face Family section for individual details. All tachometers and speedometers fit a standard 3-3/8 in. (85 mm) diameter hole. All other gauges fit a 2-1/8 in. (52 mm) diameter hole.

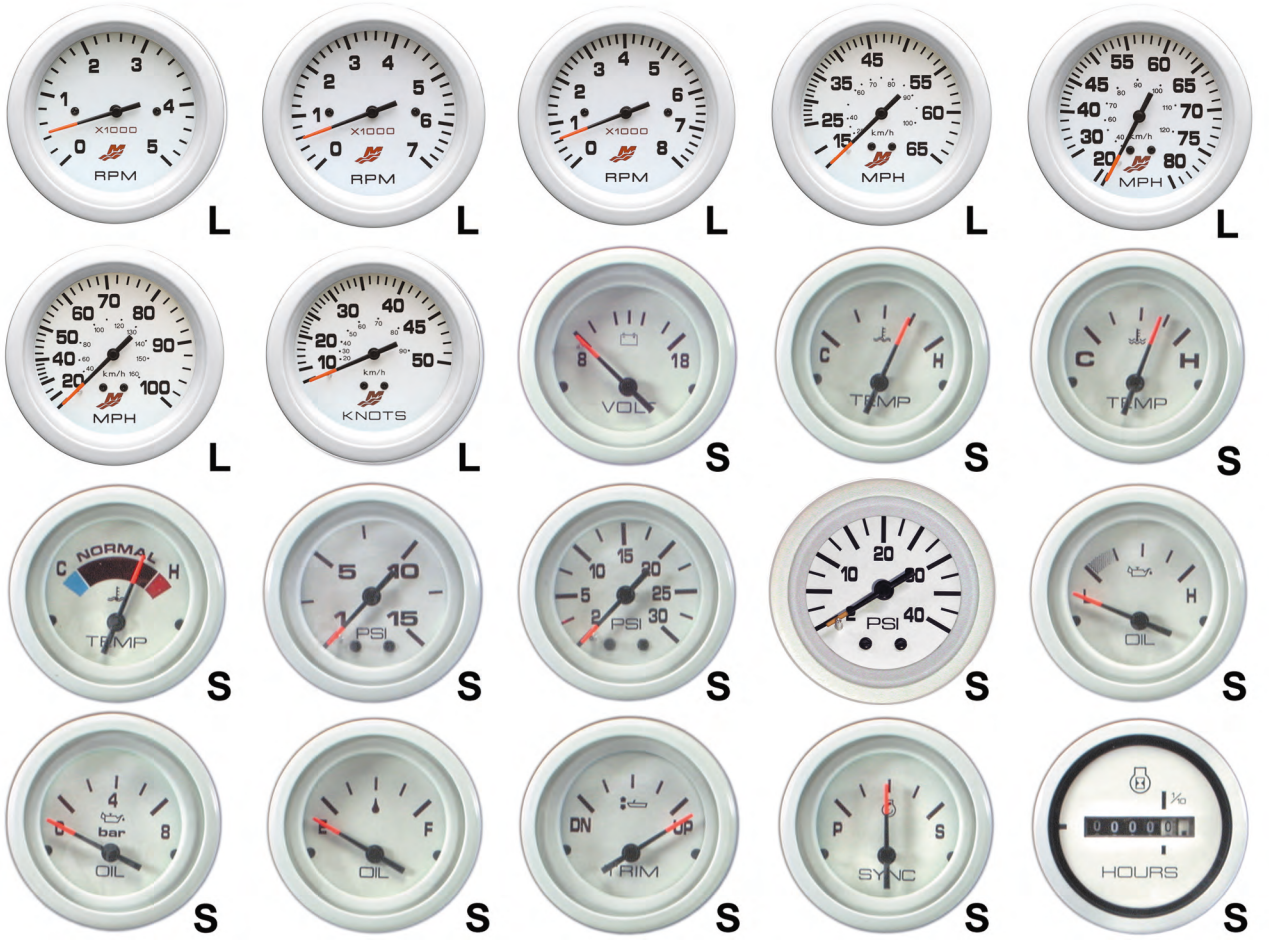






L - Large Face All speed measurement and tachometer gauges

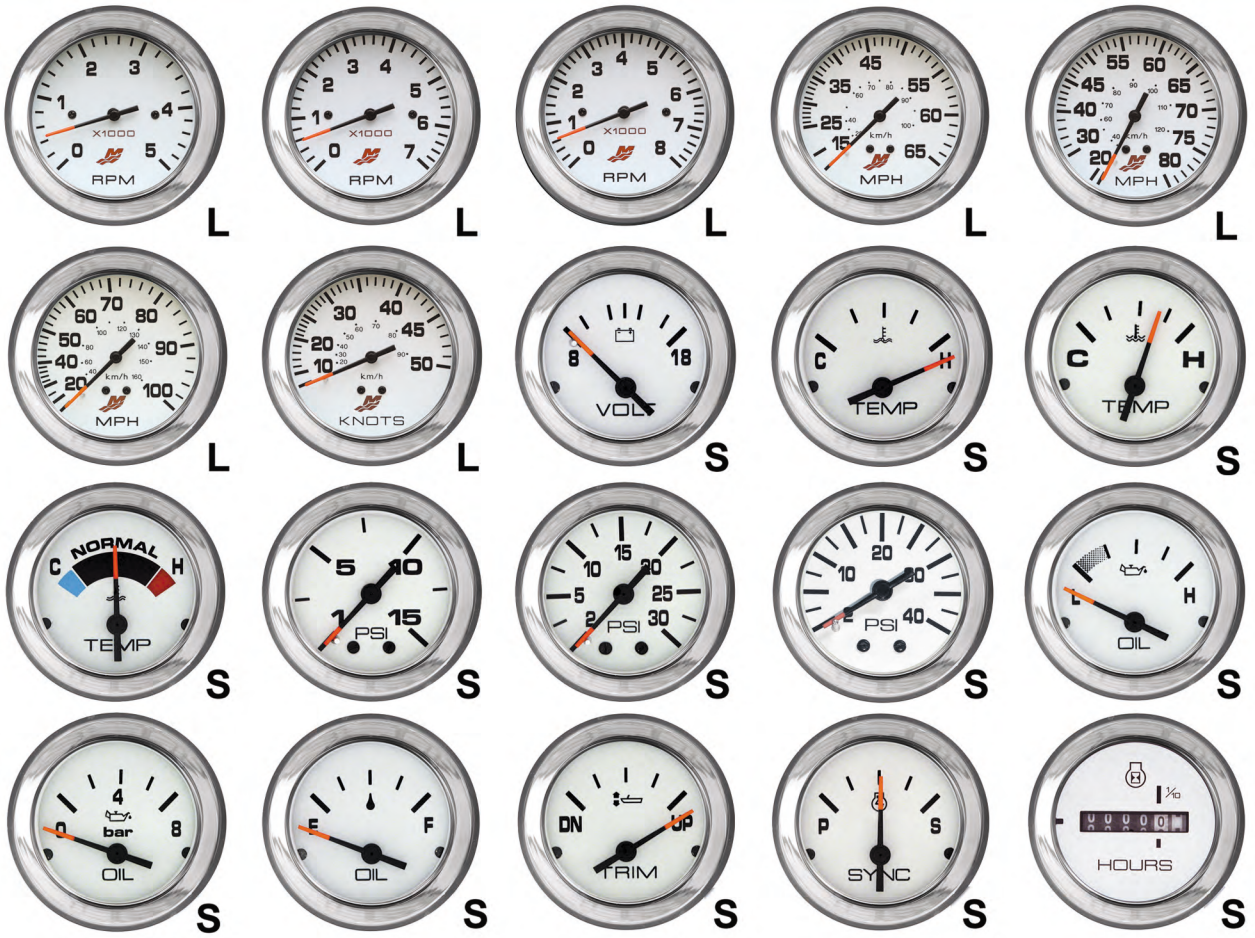
S - Small Face All other gauges



INSTRUMENT SETS - FLAGSHIP PLUS WHITE FACE/CHROME

Visit the Flagship Plus White Face/Chrome section for individual details. All tachometers and speedometers fit a standard 3-3/8 in. (85 mm) diameter hole. All other gauges fit a 2-1/8 in. (52 mm) diameter hole.





INSTRUMENT SETS - ADMIRAL PLUS BLACK FACE FAMILY

Visit the Admiral Plus Black Face Family Gauges section for individual details. All tachometers and speedometers fit a standard 3-3/8 in. (85 mm) diameter hole. All other gauges fit a 2-1/8 in. (54 mm) diameter hole.







L - Large Face All speed measurement and tachometer gauges

S - Small Face All other gauges



L



L



L



L



L



L



S



S



S



S



S



S



S



S



S



S



S



S

INSTRUMENT SETS - ADMIRAL PLUS BLACK FACE/CHROME

Visit the Admiral Plus Black Face/Chrome section for specific gauges. All Tachometers and Speedometers fit 3 3/8 in. (85 mm) diameter hole. All other guages fit 2 1/8 in. (52 mm) diameter hole.







L - Large Face All speed measurement and tachometer gauges

S - Small Face All other gauges

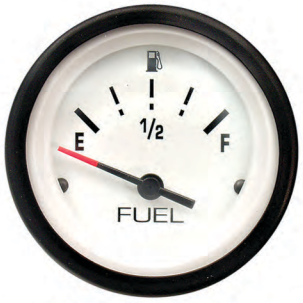


INSTRUMENT SETS - ADMIRAL PLUS WHITE FACE FAMILY

Visit the Admiral Plus White Face Family Gauges section for individual details. All tachometers and speedometers fit a standard 3-3/8 in. (85 mm) diameter hole. All other gauges fit a 2-1/8 in. (54 mm) diameter hole.

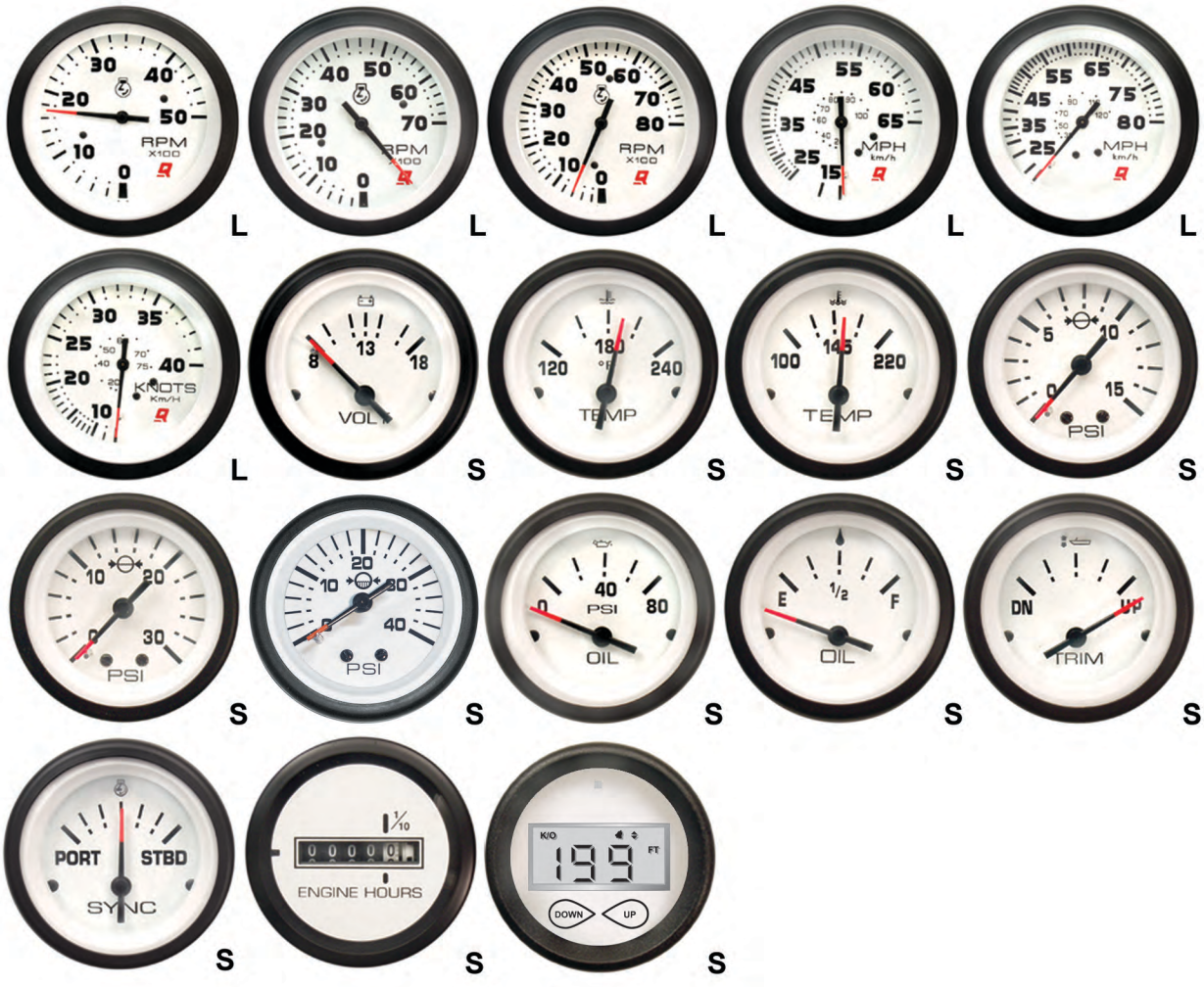






L - Large Face All speed measurement and tachometer gauges

S - Small Face All other gauges



INSTRUMENT SETS - INTERNATIONAL II FAMILY

Visit the International II Family Gauges section for individual details. All tachometers and speedometers fit a standard 3-3/8 in. (85 mm) diameter hole. All other gauges fit a 2-1/8 in. (54 mm) diameter hole.







L - Large Face All speed measurement and tachometer gauges

S - Small Face All other gauges



L



L



L



L



S



S



S



S



S



S



S



S



S



S



S



S

ANALOG GAUGE INTERFACE - DIGITAL ENGINES

Converts digital signal to analog

DTS ENGINE - ANALOG GAUGE HARNESS

Image not Available.

84-**8M0150539**

An analog gauge harness (3 feet) specific for DTS engines that is more cost effective than the AGI (Analog Gauge Interface) solution.

Compatible with DTS, Outboard, and V6/ V8 engines.

DTS ENGINE - ANALOG GAUGE HARNESS



84-**8M0095716**

An analog gauge harness (15 feet) specific for DTS engines that is more cost effective than the AGI (Analog Gauge Interface) solution.

Compatible with DTS, Outboard, and V6/ V8 engines.

EXTENSION HARNESS- 17 FT

Image not Available.

84-**8M0150477**

Analog gauge harness to 4pin 3ft and 17ft extension (20 ft). Enhanced voltage suppression.

Compatible with DTS, Outboard, V6/V8 engines.

DTS ENGINE - ANALOG GAUGE HARNESS



84-**8M0095826**

An analog gauge harness (20 feet) specific for DTS engines that is more cost effective than the AGI (Analog Gauge Interface) solution.

Compatible with DTS, Outboard, and V6/ V8 engines.

84-**8M0095827**

An analog gauge harness (25 feet) specific for DTS engines that is more cost effective than the AGI (Analog Gauge Interface) solution.

Compatible with DTS, Outboard, and V6/ V8 engines.

HARNESS EXTENSION- 27 FT

Image not Available.

84-**8M0150478**

Analog gauge harness to 4pin 3ft and 27ft extension (30ft). Enhanced voltage suppression.

Compatible with DTS, Outboard, and V6/V8 engines.

DTS ENGINE - ANALOG GAUGE HARNESS



84-**8M0095828**

An analog gauge harness (30 feet) specific for DTS engines that is more cost effective than the AGI (Analog Gauge Interface) solution.

Compatible with DTS, Outboard, and V6/ V8 engines.

ANALOG GAUGE INTERFACE KIT



892486K08

Used on 14-pin engines to convert a digital sensor signal into analog for tachometer, oil pressure/oil level, water temperature, trim, and fuel level analog gauges. There is also a connection for SC100 link gauges. Enhanced voltage suppression.

Used with a 10-pin junction box connection. For non-PCM09 ECUs - fits SmartCraft compatible 14-pin engines.

8M0109742

Used on 14-pin engines to convert a digital sensor signal into analog for tachometer, oil pressure/oil level, water temperature, trim, and fuel level analog gauges. There is also a connection for SC100 link gauges. No voltage suppression.

Used with a 10-pin junction box connection. For PCM09 ECUs only - fits SmartCraft compatible 14-pin engines.

ANALOG GAUGE INTERFACE (AGI) KIT



892486K07

Includes AGI module assembly, harness and hardware. For installations using analog gauges instead of SmartCraft. Use with analog tachometer, coolant temp, oil pressure or level, trim and fuel level. Enhanced voltage suppression.

Race MerCruiser or outboard engines in single or multiple engine installations plus MerCruiser 496Mag/Mag HO engines.

ANALOG GAUGE INTERFACE (AGI) KIT



892486K04

For installations using analog gauges instead of SmartCraft. Use with analog tachometer, coolant temp, oil temp, oil pressure or fuel pressure gauges. Enhanced voltage suppression.

Race MerCruiser engines with the 14 pin Deutsch connector engine wiring harness. One AGI kit per engine required.

ANALOG GAUGE INTERFACE MODULE



892486T04

Replacement AGI Module: analog outputs for tach, fuel level, trim position, block temperature and oil pressure.

For NON-PCM09 ECUs - Must have digital sensors on SmartCraft engine in order for these to be converted to analog outputs. CDS service tool used to enable Tach Link output (which can be either digital link data or analog trim).

VESSEL ANALOG GAUGE INTERFACE (AGI) KIT



892486K05

For installations using analog gauges instead of SmartCraft. Use with analog tab position (port & starboard), fuel level (two fuel tanks) and trim position gauges. Enhanced voltage suppression.

Race MerCruiser engines with the 14 pin Deutsch connector engine wiring harness. One AGI kit per boat required.

TROLL CONTROL WITH Y HARNESS- DASH MOUNTED-ANALOG



87-**8M0083439**

Troll Control will allow you to have the same functions that you get from the SmartCraft digital gauges and adjust the speed of the boat. By pushing the button up or down, you can feather your speed every 10 RPM. Go from idle to 1000 RPM or anywhere in between (some engines can actually go lower than idle (75-115 4 stroke (Walleye), 135-200 HP Verado 4 cylinder and 3.0L Optimax). This kit will be used in analog gauge installations. RPM will reset to idle when more than 2-3% movement occurs at the throttle (TPS).

"Y" harness included in kit to connect to main engine harness. For Mechanical use only. Not compatible with DTS applications.

CONVERSION KIT - SMARTCRAFT SENSORS



889250K01

New kit that allows you to use SmartCraft gauges on these engines.

Gen II (2007) 75 HP - 115 HP 4 stroke 1.7L engines.

SMARTCRAFT PITOT SENSOR KIT



8M0090447

Pitot sensor kit provides speed information for SmartCraft gauges.

2.1L F75-115 Four Stroke and 150 Four Stroke

ANALOG INSTRUMENTS

MONITOR PANELS FOR DIESELS

PRIMARY STATION MONITOR PANEL



861014

Warning lights are provided for low oil pressure, excessive coolant temperature, insufficient alternator output, glow plug activation & check engine light.

Fits 1997 and newer 2.8 ES & EI 165 and 4.2 ES & EI (250 & 230)

TACHOMETER SELECTION AND SETTINGS CHARTS

Tachometer Application

Model	Description	Flagship (Black Face)	Flagship (White Face)	QSI	International II	Generic
MerCruiser MCM/MIE Gasoline Engines	6000 RPM	79-895283A03	79-895283A23	N.L.A.	79-895283Q43	N/A
	8000 RPM	79-895283A06	79-859675A11	N.L.A.	79-895283Q45	N/A
MerCruiser D1.7L DTI, D2.8L & D4.2L D-tronic	ALL	79-895283A03	79-895283A23	N.L.A.	N/A	N/A
MerCruiser D3.0, D3.6L & D4.2L	1994 and Newer	79-895283A02	N/A	79-805289A 1	N/A	N/A
MerCruiser D7.3L D-Tronic	1997 and Newer	79-895283A02	N/A	79-805289A 1	N/A	N/A
Mercury/Mariner 4-Stroke Outboards	6000 RPM	79-895283A03	79-895283A23	N.L.A.	79-895283Q43	N/A
	8000 RPM	79-895283A06	79-859675A11	N.L.A.	79-895283Q45	N/A
Mercury/Mariner 20 HP and Above (2 cycle)	6000 RPM	79-895283A03	79-895283A23	N.L.A.	79-895283Q43	N/A
	8000 RPM	79-895283A06	79-859675A11	N.L.A.	79-895283Q45	N/A
Mercury/Mariner Optimax	6000 RPM(1)	79-895283A03	79-895283A23	N.L.A.	79-895283Q43	N/A
	8000 RPM(1)	79-895283A06	79-859675A11	N.L.A.	79-895283Q45	N/A
Mariner 8-40 HP (Japanese import)	Manual start w/ lighting coil	N/A	N/A	N/A	N/A	N/A
Mariner 9.9-60 HP (Japanese import)	Electric start / 2 cylinder	N/A	N/A	N/A	N/A	N/A
Force 3	50cc	N/A	N/A	N/A	N/A	N/A
Force 40 HP and Above	6000 RPM	79-895283A03	79-895283A23	N.L.A.	79-895283Q43	N/A
	8000 RPM	79-895283A06	79-859675A11	N.L.A.	79-895283Q45	N/A

(1) Correct harness required for optimum performance

Tachometer Settings

Model	Country	Serial # Range	Positive Pulses Per Crank Revolution	Poles	(Flagship, Admiral, International II & Commodore	(QSI Series) Tachometer Switch Setting	(Force 79-817030A 1) Tachometer Switch Setting
Mercury/Mariner (2-stroke) 6 thru 25 HP (U.S. Orig			4	8	4P	3	N/A
Mercury/Mariner (4-stroke) 8 and 9.9 HP			3	6	3P	2	N/A
Mercury/Mariner (2-stroke) 30/40 HP	USA	0G053314 and up	6	12	6P	4	N/A
Mercury/Mariner 35 and 40 HP (2 Cyl.)	USA	5823918 and up	4	8	4P	3	N/A
	BEL	9298955 and up	4	8	4P	3	N/A
	AUS	8070639 and up	4	8	4P	3	N/A
	CAN	7169337 and up	4	8	4P	3	N/A
Mercury/Mariner (4-stroke) 25 thru 90 HP			6	12	6P	4	N/A
Mercury/Mariner (2-stroke) 45 thru V-6 (U.S. Origi			6	12	6P	4	N/A
Force 35			-	20	N/A	N/A	1
Force 35 HP and higher with Mercury ignition			6	12	6P	4	2

Model	Country	Serial # Range	Positive Pulses Per Crank Revolution	Poles	(Flagship, Admiral, International II & Commodore	(QSI Series) Tachometer Switch Setting	(Force 79-817030A 1) Tachometer Switch Setting
MerCruiser 4 cyl. gasoline engine			2	N/A	4C	1	N/A
MerCruiser 6 cyl. gasoline engine			3	N/A	6C	2	N/A
MerCruiser 8 cyl. gasoline engine			4	N/A	8C	3	N/A

FLAGSHIP PLUS BLACK FACE FAMILY

Large gauge fits 3-3/8 in. (86 mm) hole in dash. Small gauge fits 2-1/8 in. (54 mm) hole in dash.12 volt system. Tachometer selection and settings charts are located following the color group images.

FLAGSHIP INSTRUMENT SET



79-**895283A01**

Anti-fog lens. Black face and black bezel; blue graduations. Set includes 0-6000 RPM tachometer, oil pressure gauge, battery meter and water temperature gauge. All illuminated. Mounting hardware also included.

For sterndrives and inboards only with 12 volt system.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP TACHOMETER KIT



79-**895283A02**

Anti-fog lens. 0-5000 RPM. 270 degree dial sweep. Black face and black bezel: blue graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

Diesel Engines only

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP TACHOMETER KIT



79-**895283A03**

Anti-fog lens. 0-6000 RPM. 270 degree dial sweep. Black face and black bezel: blue graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboard and MCM products. Will require AGI converter for Verado (Digital) engines.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP TACHOMETER KIT



79-**895283A05**

Anti-fog lens. 0-7000 RPM. 270 degree dial sweep. Black face and black bezel: blue graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require AGI converter with Verado (Digital) engines

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP TACHOMETER KIT



79-**895283A06**

Anti-fog lens. 0-8000 RPM. 270 degree dial sweep. Black face and black bezel: blue graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require AGI converter with Verado (Digital) engines.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP SPEEDOMETER



79-**895285A01**

Anti-fog lens. 10-45 MPH. 270 degree dial sweep. Black face and black bezel; white/blue graduations. Includes 20 ft.(6.1 m) of tubing. Fits 3-3/8 in. (86 mm) hole in dash.

Mercury Precision Branded, Box Point of Sale Packaged.

ANALOG INSTRUMENTS

FLAGSHIP SPEEDOMETER



79-**895285A03**

Anti-fog lens. 10-65 MPH. 270 degree dial sweep. Black face and black bezel; white/blue graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP SPEEDOMETER



79-**895285A04**

Anti-fog lens. 10-80 MPH. 270 degree dial sweep. Black face and black bezel; white/blue graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP SPEEDOMETER



79-**895285A06**

Anti-fog lens. 10-100 MPH. 270 degree dial sweep. Black face and black bezel; white/blue graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP SPEEDOMETER



79-**895285A08**

Anti-fog lens. 10-50 knots. 270 degree dial sweep. Black face and black bezel; white/blue graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP VOLT METER



79-**895286A01**

Anti-fog lens. Black face and black bezel; white/blue graduations. Outboards require a tachometer harness or ignition/choke assembly for connection.

Mercury Precision Branded, Box Point of Sale Packaged.

79-**895286B01**

Anti-fog lens. Black face and black bezel; white/blue graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Pricing and packaging will be in quantities of 24 pcs.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP WATER TEMPERATURE GAUGE



79-**895287A01**

Anti-fog lens. 120 degree - 240 degree F gauge. Black face and black bezel; white/blue graduations.

Fits all MCM/MIE gasoline engines and Mercury/Mariner V-6 outboards. Sender, if not already installed on the outboard, must be purchased separately.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP WATER TEMPERATURE GAUGE



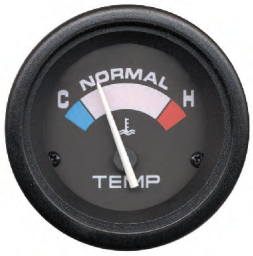
79-**895287A02**

Anti-fog lens. 60 degree - 200 degree F gauge. Black face and black bezel; white/blue graduations.

Fits Mercury/Mariner 25 thru 115 FourStroke, 225 FourStroke, 40 (3 & 4 cylinder), 45, 50/60 (3 cylinder), and 70 to 125 HP; and 1993 and newer Force outboards (Force models must order sender FA299791). Sender needs to be ordered separately.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP WATER TEMPERATURE GAUGE



79-**895287A03**

Anti-fog lens. 100 degree - 240 degree F gauge. Black face and black bezel; white/blue graduations.

Diesel Engines only

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP WATER PRESSURE GAUGE



79-**895288A01**

Anti-fog lens. 1 to 15 PSI gauge with quick-connect terminals for connection to light. Black face and bezel; blue graduations. Complete kit. Includes 25 ft.(7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits Mercury/Mariner 25 E and EL (U.S. S/N 0C192155 and above; Belgium S/N 9548742 and above), 30 to 125 (except four stroke models), 1998 and older V-6 (3.0L), and Force 40/50.

Mercury Precision Branded, Box Point of Sale Packaged.

79-**895288A02**

Anti-fog lens. 1 to 15 PSI gauge with quick-connect terminals for connection to light. Black face and bezel; blue graduations. Replacement gauge only.

Fits Mercury/Mariner 25 E and EL (U.S. S/N 0C192155 and above; Belgium S/N 9548742 and above), 30 to 125 (except four stroke models), 1998 and older V-6 (3.0L), and Force 40/50.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP WATER PRESSURE GAUGE



79-**895288A03**

Anti-fog lens. 2 to 30 PSI gauge with quick-connect terminals for connection to light. Black face and black bezel with blue/white graduations. Complete kit. Includes 25 ft.(7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older) ; and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Mercury Precision Branded, Box Point of Sale Packaged.

79-**895288A04**

Anti-fog lens. 2 to 30 PSI gauge with quick-connect terminals for connection to light. Black face and black bezel with blue/white graduations. Replacement gauge only.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP WATER PRESSURE GAUGE



79-**895288A05**

Anti-fog lens. 2 to 40 PSI gauge with quick-connect terminals for connection to light. Black face and bezel; blue graduations. Complete kit. Includes 25 ft.(7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits 75-115 hp EFI FourStroke Outboards, serial number 1B366823 & above.

Mercury Precision Branded, Box Point of Sale Packaged.

79-**895288A06**

Anti-fog lens. 2 to 40 PSI gauge with quick-connect terminals for connection to light. Black face and bezel; blue graduations. Replacement gauge only.

Fits 75-115 hp EFI FourStroke Outboards, serial number 1B366823 & above.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP OIL PRESSURE GAUGE



79-**895289A01**

Anti-fog lens. Black face and black bezel; blue/white graduations.

Fits all MCM/MIE gasoline engines and Mercury/Mariner 25/30/40/45/50/225 (4-stroke) outboards. Sender, if not already installed on the outboard, must be purchased separately.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP OIL PRESSURE GAUGE



79-**895289A02**

Anti-fog lens. Black face and black bezel; blue / white graduations.

Fits D3.0L, D3.6L, and 4.2L diesels (1994 & newer) and D2.8, D4.2L, and D7.3L ES & EI models (1997 & newer).

Mercury Precision Branded, Box Point of Sale Packaged.

ANALOG INSTRUMENTS

FLAGSHIP OIL LEVEL GAUGE KIT



79-**895290A01**

Anti-fog lens. Black face and black bezel; blue/white graduations.

Fits V-6 outboard 3 US gal. (11.34 L) and 1.8 US gal. (6.8 L) remote oil reservoirs.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP FUEL GAUGE



79-**895291A01**

Anti-fog lens. Black face and bezel; blue graduations. 12 volt system and 240 ohm sender required.

Mercury Precision Branded, Box Point of Sale Packaged.

79-**895291B01**

Anti-fog lens. Black face and bezel; blue graduations. 12 volt system and 240 ohm sender required. Priced and packaged in quantities of 24 pcs.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP DUAL ENGINE SYNCHRONIZER



79-**895294A01**

Anti-fog lens. Black face and black bezel; blue/white graduations. Connects to tachometers.

Fits both 2-stroke and 4-stroke gasoline engine applications. Requires a synchronizer driver unless already installed.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP POWER TRIM GAUGE



79-**895292A01**

Anti-fog lens. Black face and bezel; blue graduations. Designed for models that have a sender already installed or installation of a sender kit purchased separately.

Fits Sterndrive and Outboards

Mercury Precision Branded, Box Point of Sale Packaged.

FUEL GAUGE SENDING UNIT



851052Q

Designed for tanks that have a 5 screw flange. Use with 12 volt system. 33-240 ohm. Adjusts from 4 in. (10.2 cm) to 24 in. (60.7 cm).

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

FLAGSHIP CRUISELOG GAUGE



79-**895295A01**

Anti-fog lens. Black face and black bezel; blue graduations. No illumination. Wiring included with this single pack.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP PLUS WHITE FACE FAMILY

Large gauge fits 3-3/8 in. (86 mm) hole in dash. Small gauge fits 2-1/8 in. (54 mm) hole in dash. 12 volt system. Tachometer selection and settings charts are located following the color group images.

FLAGSHIP INSTRUMENT SET



79-**895283A21**

Anti-fog lens. White face and white bezel; black graduations. Set includes 0-6000 RPM tachometer, oil pressure gauge, battery meter and water temperature gauge. All illuminated. Mounting hardware also included.

For various Mercury Outboard and MCM products. Will require an AGI converter for Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP TACHOMETER KIT



79-**895283A22**

Anti-fog lens. 0-5000 RPM. 270 degree dial sweep. White face and white bezel; black graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

Diesel Engines only

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP TACHOMETER KIT



79-**895283A23**

Anti-fog lens. 0-6000 RPM. 270 degree dial sweep. White face and white bezel; black graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require the use of AGI converter for Verado (Digital) engines.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP TACHOMETER KIT



79-**895283A25**

Anti-fog lens. 0-7000 RPM. 270 degree dial sweep. White face and white bezel; black graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require use of AGI converter for Verado (Digital) engines.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP TACHOMETER KIT



79-**895283A26**

Anti-fog lens. 0-8000 RPM. 270 degree dial sweep. White face and white bezel; black graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require the use of an AGI converter with Verado (Digital) engines.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP SPEEDOMETER



79-**895285A21**

Anti-fog lens. 10-45 MPH. 270 degree dial sweep. White face and white bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

ANALOG INSTRUMENTS

FLAGSHIP SPEEDOMETER



79-895285A23

Anti-fog lens. 10-65 MPH. 270 degree dial sweep. White face and white bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP SPEEDOMETER



79-895285A24

Anti-fog lens. 0-80 MPH. 270 degree dial sweep. White face and white bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP SPEEDOMETER



79-895285A26

Anti-fog lens. 0-100 MPH. 270 degree dial sweep. White face and white bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP SPEEDOMETER



79-895285A28

Anti-fog lens. 10-50 Knots. 270 degree dial sweep. White face and white bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP VOLT METER

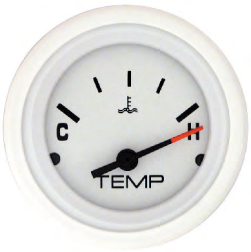


79-895286A21

Anti-fog lens. White face and white bezel; black graduations. Outboards require a tachometer harness or ignition/choke assembly for connection.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP WATER TEMPERATURE GAUGE



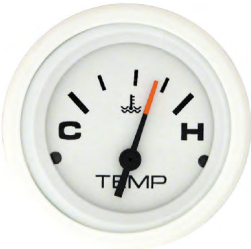
79-895287A21

Anti-fog lens. 100 degree - 240 degree F gauge. White face and white bezel; black graduations.

Fits all MCM/MIE gasoline engines and Mercury/Mariner V-6 outboards. Sender, if not already installed on the outboard, must be purchased separately.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP WATER TEMPERATURE GAUGE



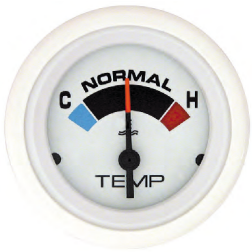
79-895287A22

Anti-fog lens. 60 degree - 200 degree F gauge. White face and white bezel; black graduations.

Fits Mercury/Mariner 25 thru 115 FourStroke, 225 FourStroke, 40 (3 & 4 cylinder), 45, 50/60 (3 cylinder), and 70 to 125 HP; and 1993 and newer Force outboards (Force models must order sender FA299791). Senders must be ordered separately.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP WATER TEMPERATURE GAUGE



79-**895287A23**

Anti-fog lens. 100 degree - 240 degree F gauge. White face and white bezel; black graduations.

Diesel Engines only

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP WATER PRESSURE GAUGE



79-**895288A21**

Anti-fog lens. 1 to 15 PSI gauge with quick-connect terminals for connection to light. White face and bezel; black graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits Mercury/Mariner 25 E and EL (U.S. S/N 0C192155 and above; Belgium S/N 9548742 and above), 30 to 125 (except four stroke models), 1998 and older V-6 (3.0L), and Force 40/50.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895288A22**

Anti-fog lens. 1 to 15 PSI gauge with quick-connect terminals for connection to light. White face and bezel; black graduations. Replacement gauge only.

Fits Mercury/Mariner 25 E and EL (U.S. S/N 0C192155 and above; Belgium S/N 9548742 and above), 30 to 125 (except four stroke models), 1998 and older V-6 (3.0L), and Force 40/50.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP WATER PRESSURE GAUGE



79-**895288A23**

Anti-fog lens. 2 to 30 PSI gauge with quick-connect terminals for connection to light. White face and bezel; black graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895288A24**

Anti-fog lens. 2 to 30 PSI gauge with quick-connect terminals for connection to light. White face and white bezel; black graduations. Replacement gauge only.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP WATER PRESSURE GAUGE



79-**895288A25**

Anti-fog lens. 2 to 40 PSI gauge with quick-connect terminals for connection to light. White face and bezel; black graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits 75-115 hp EFI FourStroke Outboards, serial number 1B366823 & above.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP OIL PRESSURE GAUGE



79-**895289A21**

Anti-fog lens. White face and white bezel; black graduations.

Fits all MCM/MIE gasoline engines and Mercury/Mariner 25/30/40/45/50/225 (4-stroke) outboards. Sender, if not already installed on the outboard, must be purchased separately.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP OIL PRESSURE GAUGE



79-**895289A22**

Anti-fog lens. White face and white bezel; black graduations.

Fits D3.0L, D3.6L, and 4.2L diesels (1994 & newer) and D2.8, D4.2L, and D7.3L ES & EI models (1997 & newer).

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP OIL LEVEL GAUGE KIT



79-**895290A21**

Anti-fog lens. White face and white bezel; black graduations.

Fits V-6 outboard 3 US gal. (11.34 L) and 1.8 US gal. (6.8 L) remote oil reservoirs.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP FUEL GAUGE



79-**895291A21**

Anti-fog lens. White face and white bezel; black graduations. 12 volt system and 240 ohm sender required.

Quicksilver Branded, Box Point of Sale Packaged.

FUEL GAUGE SENDING UNIT



851052Q

Designed for tanks that have a 5 screw flange. Use with 12 volt system. 33-240 ohm. Adjusts from 4 in. (10.2 cm) to 24 in. (60.7 cm).

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

FLAGSHIP POWER TRIM GAUGE



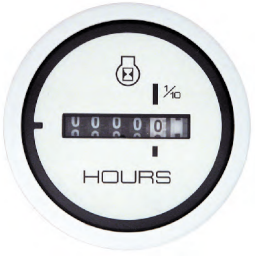
79-**895292A21**

Anti-fog lens. White face and bezel; black graduations. Designed for models that have a sender already installed or installation of a sender kit purchased separately.

Fits Sterndrives and Outboards

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP CRUISELOG GAUGE



79-**895295A21**

Anti-fog lens. White face and white bezel; black graduations. No illumination. Wiring included with this single pack.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP PLUS WHITE FACE WITH CHROME BEZELS

Large gauge fits 3-3/8 in. (86 mm) hole in dash. Small gauge fits 2-1/8 in. (54 mm) hole in dash. 12 volt system. Tachometer selection and settings charts are located following the color group images.

FLAGSHIP INSTRUMENT SET



79-**895283A41**

Anti-fog lens. White face and chrome bezel; black graduations. Set includes 0-6000 RPM tachometer, oil pressure gauge, battery meter and water temperature gauge. All illuminated. Mounting hardware also included.

For various Mercury Outboard and MCM products. Will require an AGI converter for Verado (Digital) engines.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP TACHOMETER



79-**895283A42**

Anti-fog lens. 0-5000 RPM. 270 degree dial sweep. White face and chrome bezel; black graduations. Fits 3-3/8 in. (85 mm) hole in dash.

Diesel Engines only

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP TACHOMETER



79-**895283A43**

Anti-fog lens. 0-6000 RPM. 270 degree dial sweep. White face and chrome bezel; black graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require AGI converter with Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP TACHOMETER



79-**895283A45**

Anti-fog lens. 0-7000 RPM. 270 degree dial sweep. White face and chrome bezel: black graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require the use of an AGI converter with Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895283B43**

Anti-fog lens. 0-7000 RPM. 270 degree dial sweep. White face and chrome bezel; black graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash. Priced and packaged in quantities of 24 pcs.

Fits all MCM/MIE gasoline engines; also fits various outboard engines 8hp and higher. See application chart for specific engine models.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP TACHOMETER



79-**895283A46**

Anti-fog lens. 0-8000 RPM. 270 degree dial sweep. White face and chrome bezel; black graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require use of an AGI converter with Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP SPEEDOMETER



79-**895285A41**

Anti-fog lens. 10-45 MPH. 270 degree dial sweep. White face and chrome bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP SPEEDOMETER



79-**895285A43**

Anti-fog lens. 10-65 MPH. 270 degree dial sweep. White face and chrome bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895285B43**

Anti-fog lens. 10-65 MPH. 270 degree dial sweep. White face and chrome bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash. Pricing and packaging will be in quantities of 24 pcs.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP SPEEDOMETER



79-**895285A44**

Anti-fog lens. 0-80 MPH. 270 degree dial sweep. White face dial and chrome bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP SPEEDOMETER



79-**895285A46**

Anti-fog lens. 10-100 MPH. 270 degree dial sweep. White face and chrome bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Mercury Precision Branded, Box Point of Sale Packaged.

ANALOG INSTRUMENTS

FLAGSHIP SPEEDOMETER



79-**895285A48**

Anti-fog lens. 10-50 Knots. 270 degree dial sweep. White face and chrome bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP VOLT METER



79-**895286A41**

Anti-fog lens. White face and chrome bezel; black graduations. Outboards require a tachometer harness or ignition/choke assembly for connection.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP WATER TEMPERATURE GAUGE



79-**895287A41**

Anti-fog lens. 100 degree - 240 degree F gauge. White face and chrome bezel; black graduations.

Fits all MCM/MIE gasoline engines and Mercury/Mariner V-6 outboards. Sender, if not already installed on the outboard, must be purchased separately.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP WATER TEMPERATURE GAUGE



79-**895287A42**

Anti-fog lens. 60 degree - 200 degree F gauge. White face and chrome bezel; black graduations. Also requires reducer fitting 22-86306 for 75 thru 115 FourStroke and 225 FourStroke applications. Coastal flush units require the 12415A 2 temperature sender kit. Order sender separately.

Fits Mercury/Mariner 25 thru 115 FourStroke, 225 FourStroke, 40 (3 & 4 cylinder), 45, 50/60 (3 cylinder), and 70 to 125 HP ; and 1993 and newer Force outboards (Force models must order sender FA299791).

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP WATER PRESSURE GAUGE



79-**895288A41**

Anti-fog lens. 1 to 15 PSI gauge with quick-connect terminals for connection to light. White face and chrome bezel; black graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits Mercury/Mariner 25 E and EL (U.S. S/N 0C192155 and above; Belgium S/N 9548742 and above), 30 to 125 (except FourStroke models), 1998 and older V-6 (3.0L), and Force 40/50.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP WATER PRESSURE GAUGE



79-**895288A43**

Anti-fog lens. 2 to 30 PSI gauge with quick-connect terminals for connection to light. White face and chrome bezel; black graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895288A44**

Anti-fog lens. 2 to 30 PSI gauge with quick-connect terminals for connection to light. White face and chrome bezel; black graduations. Replacement gauge only.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP WATER PRESSURE GAUGE



79-**895288A45**

Anti-fog lens. 2 to 40 PSI gauge with quick-connect terminals for connection to light. White face and chrome bezel; black graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits 75-115 hp EFI FourStroke Outboards, serial number 1B366823 & above.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895288A46**

Anti-fog lens. 2 to 40 PSI gauge with quick-connect terminals for connection to light. White face and chrome bezel; black graduations. Replacement gauge only.

Fits 75-115 hp EFI FourStroke Outboards, serial number 1B366823 & above.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP OIL PRESSURE GAUGE



79-**895289A41**

Anti-fog lens. White face and chrome bezel; black graduations.

Fits all MCM/MIE gasoline engines and Mercury/Mariner 25/30/40/45/50/225 (4-stroke) outboards. Sender, if not already installed on the outboard, must be purchased separately.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP OIL PRESSURE GAUGE



79-**895289A42**

Anti-fog lens. White face and chrome bezel; black graduations.

Fits D3.0L, D3.6L, and 4.2L diesels (1994 & newer) and D2.8, D4.2L, and D7.3L ES & EI models (1997 & newer).

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP OIL LEVEL GAUGE KIT



79-**895290A41**

Anti-fog lens. White face and chrome bezel; black graduations.

Fits V-6 outboard 3 US gal. (11.34 L) and 1.8 US gal. (6.8 L) remote oil reservoirs.

Quicksilver Branded, Box Point of Sale Packaged.

FLAGSHIP FUEL GAUGE



79-**895291A41**

Anti-fog lens. White face and chrome bezel; black graduations. 12 volt system and 240 ohm sender required.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895291B41**

Anti-fog lens. White face and chrome bezel; black graduations. 12 volt system and 240 ohm sender required. Priced and packaged in quantities of 24 pcs.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP POWER TRIM GAUGE



79-**895292A41**

Anti-fog lens. White face and chrome bezel; black graduations. Designed for models that have a sender already installed or installation of a sender kit purchased separately.

Fits Sterndrives and Outboards

Quicksilver Branded, Box Point of Sale Packaged.

79-**895292B41**

Anti-fog lens. White face and chrome bezel; black graduations. Bulk package of 24 pcs. Designed for models that have a sender already installed or installation of a sender kit purchased separately.

Fits Sterndrives and Outboards

Mercury Precision Branded, Box Point of Sale Packaged.

ANALOG INSTRUMENTS

FLAGSHIP DUAL ENGINE SYNCHRONIZER



79-**895294A41**

Anti-fog lens. White face and chrome bezel; black graduations. Connects to tachometers.

Fits both 2-stroke and 4-stroke gasoline engine applications.

Mercury Precision Branded, Box Point of Sale Packaged.

FLAGSHIP CRUISELOG GAUGE



79-**895295A41**

Anti-fog lens. White face and chrome bezel; black graduations. No illumination. Wiring included with this single pack.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL PLUS BLACK FACE FAMILY

Large gauge fits 3-3/8 in. (86 mm) hole in dash. Small gauge fits 2-1/8 in. (54 mm) hole in dash. 12 volt system. Tachometer selection and settings charts are located following the color group images.

ADMIRAL INSTRUMENT SET



79-**895283Q01**

Anti-fog lens. Black face and black bezel; red graduations. Set includes 0-6000 RPM tachometer, oil pressure gauge, battery meter and water temperature gauge. All illuminated. Mounting hardware also included.

For various Mercury Outboards and MCM products. Will require use of an AGI converter with Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL TACHOMETER KIT



79-**895283Q02**

Anti-fog lens. 0-5000 RPM. 270 degree dial sweep. Black face and black bezel; Red graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

Diesel Engines only

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL TACHOMETER KIT



79-**895283Q03**

Anti-fog lens. 0-6000 RPM. 270 degree dial sweep. Black face and black bezel; Red graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require use of an AGI converter with Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL TACHOMETER KIT



79-**895283Q05**

Anti-fog lens. 0-7000 RPM. 270 degree dial sweep. Black face and black bezel; Red graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require use of an AGI converter with Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL TACHOMETER KIT



79-**895283Q06**

Anti-fog lens. 0-8000 RPM. 270 degree dial sweep. Black face and black bezel; red graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require an AGI converter with Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL SPEEDOMETER



79-**895285Q01**

Anti-fog lens. 10-45 MPH. 270 degree dial sweep. Black face and black bezel; white/red graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL SPEEDOMETER



79-**895285Q03**

Anti-fog lens. 10-65 MPH. 270 degree dial sweep. Black face and black bezel; white/red graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL SPEEDOMETER



79-**895285Q04**

Anti-fog lens. 0-80 MPH. 270 degree dial sweep. Black face and black bezel; white/red graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL SPEEDOMETER



79-**895285Q08**

Anti-fog lens. 10-40 Knots. 270 degree dial sweep. Black face and black bezel; white/red graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL VOLT METER



79-**895286Q01**

Anti-fog lens. Black face and black bezel; red/white graduations. Outboards require a tachometer harness or ignition/choke assembly for connection.

Quicksilver Branded, Box Point of Sale Packaged.

WATER TEMPERATURE GAUGE



79-**895287Q01**

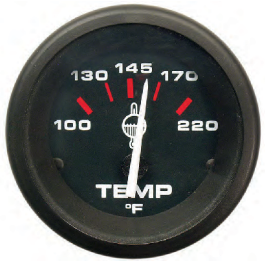
Anti-fog lens. 100 degree - 240 degree F gauge. Black face and Black bezel; white/red graduations. Order sender separately. Also requires reducer fitting 22-86306 for 75 thru 115 FourStroke and 225 FourStroke applications. Coastal flush units require the 12415A 2 temperature sender kit.

Fits Mercury/Mariner 25 thru 115 FourStroke, 225 FourStroke, 40 (3 & 4 cylinder), 45, 50/60 (3 cylinder), and 70 to 125 HP; and 1993 and newer Force outboards (Force models must order sender FA299791).

Quicksilver Branded, Box Point of Sale Packaged.

ANALOG INSTRUMENTS

WATER TEMPERATURE GAUGE



79-**895287Q02**

Anti-fog lens. 100 degree - 220 degree F gauge. Black face and black bezel; white/red graduations. Sender must be ordered separately. Also requires reducer fitting 22-86306 for 75 thru 115 FourStroke and 225 FourStroke applications. Coastal flush units require the 12415A 2 temperature sender kit.

Fits Mercury/Mariner 25 thru 115 FourStroke, 225 FourStroke, 40 (3 & 4 cylinder), 45, 50/60 (3 cylinder), and 70 to 125 HP; and 1993 and newer Force outboards (Force models must order sender FA299791 and discard sender included with gauge.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL WATER PRESSURE GAUGE



79-**895288Q01**

Anti-fog lens. 1 to 15 PSI gauge with quick-connect terminals for connection to light. Black face and black bezel; red graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895288Q02**

Anti-fog lens. 1 to 15 PSI gauge with quick-connect terminals for connection to light. Black face and black bezel; red graduations. Replacement gauge only.

Fits Mercury/Mariner 25 E and EL (U.S. S/N 0C192155 and above; Belgium S/N 9548742 and above), 30 to 125 (except four stroke models), 1998 and older V-6 (3.0L), and Force 40/50.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL WATER PRESSURE GAUGE



79-**895288Q03**

Anti-fog lens. 2 to 30 PSI gauge with quick-connect terminals for connection to light. Black face and black bezel; red graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895288Q04**

Anti-fog lens. 2 to 30 PSI gauge with quick-connect terminals for connection to light. Black face and black bezel; red graduations. Replacement gauge only.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL WATER PRESSURE GAUGE



79-**895288Q05**

Anti-fog lens. 2 to 40 PSI gauge with quick-connect terminals for connection to light. Black face and black bezel; red graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits 75-115 hp EFI FourStroke Outboards, serial number 1B366823 & above.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895288Q06**

Anti-fog lens. 2 to 40 PSI gauge with quick-connect terminals for connection to light. Black face and black bezel; red graduations. Replacement gauge only.

Fits 75-115 hp EFI FourStroke Outboards, serial number 1B366823 & above.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL OIL PRESSURE GAUGE



79-**895289Q01**

Anti-fog lens. Black face and black bezel; red/white graduations.

Fits all MCM/MIE gasoline engines and Mercury/Mariner 25/30/40/45/50/225 (4-stroke) outboards. Sender, if not already installed on the outboard, must be purchased separately.

Quicksilver Branded, Box Point of Sale Packaged.

OIL PRESSURE SENDER KIT



8M0068785

Includes sender and harness used with oil pressure gauges and 21 ft. (6.4 m) of wire.

Fits Mercury/Mariner 25/30/40/45/50/60 (4-stroke).

ADMIRAL OIL LEVEL GAUGE KIT



79-**895290Q01**

Anti-fog lens. Black face and black bezel; red/white graduations.

Fits V-6 outboard 3 US gal. (11.34 L) and 1.8 US gal. (6.8 L) remote oil reservoirs.

Mercury Precision Branded, Box Point of Sale Packaged.

ADMIRAL FUEL GAUGE



79-**895291Q01**

Anti-fog lens. Black face and black bezel; red/white graduations. 12 volt system and 240 ohm sender required.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895291B11**

Anti-fog lens. Black face and black bezel; red graduations. 12 volt system and 240 ohm sender required. Priced and packaged in quantities of 24 pcs.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL POWER TRIM GAUGE



79-**895292Q01**

Admiral Plus series gauge. Anti-fog lens. Black face and bezel; red graduations. Designed for models that have a sender already installed or installation of a sender kit purchased separately.

Fits MCM and Outboards

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL DUAL ENGINE SYNCHRONIZER



79-**895294Q01**

Anti-fog lens. Black face and black bezel; red graduations. Connects to tachometers.

Fits both 2-stroke and 4-stroke gasoline engine applications. Requires a synchronizer driver unless already installed.

Mercury Precision Branded, Box Point of Sale Packaged.

ADMIRAL CRUISELOG GAUGE



79-**895295Q01**

Anti-fog lens. Black face and black bezel; red/white graduations. No illumination. Wiring included with this single pack.

Mercury Precision Branded, Box Point of Sale Packaged.

ADMIRAL PLUS BLACK WITH CHROME BEZEL

Large gauge fits 3-3/8 in. (86 mm) hole in dash. Small gauge fits 2-1/8 in. (54 mm) hole in dash. 12 volt system. Tachometer selection and setting charts are located following the color group images.

ADMIRAL INSTRUMENT SET



79-**895283Q61**

Anti-fog lens. Black face and chrome bezel; red graduations. Set includes 0-6000 RPM tachometer, oil pressure gauge, battery meter and water temperature gauge. All illuminated. Mounting hardware also included.

For various Mercury Outboards and MCM products. Will require an AGI converter with Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

ANALOG INSTRUMENTS

ADMIRAL TACHOMETER



79-**895283Q62**

Anti-fog lens. 0-5000 RPM. 270 degree dial sweep. Black face and chrome bezel; red graduations. Fits 3-3/8 in. (85 mm) hole in dash.

Diesel Engines only

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL TACHOMETER



79-**895283Q63**

Anti-fog lens. 0-6000 RPM. 270 degree dial sweep. Black face and chrome bezel; red graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require an AGI converter for Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL TACHOMETER



79-**895283Q65**

Anti-fog lens. 0-7000 RPM. 270 degree dial sweep. Black face and chrome bezel; red graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require an AGI converter for Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL TACHOMETER



79-**895283Q66**

Anti-fog lens. 0-8000 RPM. 270 degree dial sweep. Black face and chrome bezel; red graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require an AGI converter for Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL SPEEDOMETER



79-**895285Q61**

Anti-fog lens. 10-45 MPH. 270 degree dial sweep. Black face and chrome bezel; red graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL SPEEDOMETER



79-**895285Q63**

Anti-fog lens. 10-65 MPH. 270 degree dial sweep. Black face and chrome bezel; red graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL SPEEDOMETER



79-**895285Q64**

Anti-fog lens. 10-80 MPH. 270 degree dial sweep. Black face and chrome bezel; red graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL SPEEDOMETER



79-**895285Q68**

Anti-fog lens. 10-40 Knots. 270 degree dial sweep. Black face and chrome bezel; red graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL VOLT METER



79-**895286Q61**

Anti-fog lens. Black face and chrome bezel; red/white graduations. Outboards require a tachometer harness or ignition/choke assembly for connection.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL WATER TEMPERATURE GAUGE



79-**895287Q61**

Anti-fog lens. 100 degree - 240 degree F gauge. Black face and chrome bezel; red graduations.

Fits all MCM/MIE gasoline engines and Mercury/Mariner V-6 outboards. Sender, if not already installed on the outboard, must be purchased separately.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL WATER TEMPERATURE GAUGE



79-**895287Q62**

Anti-fog lens. 60 degree - 220 degree F gauge. Black face and chrome bezel; red/white graduations.

Fits Mercury/Mariner 25 thru 115 FourStroke, 225 FourStroke, 40 (3 & 4 cylinder), 45, 50/60 (3 cylinder), and 70 to 125 HP; and 1993 and newer Force outboards (Force models must order sender FA299791) Senders must be ordered separately.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL WATER PRESSURE GAUGE



79-**895288Q61**

Anti-fog lens. 1 to 15 PSI gauge with quick-connect terminals for connection to light. Black face and chrome bezel; red graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL WATER PRESSURE GAUGE



79-**895288Q63**

Anti-fog lens. 2 to 30 PSI gauge with quick-connect terminals for connection to light. Black face and chrome bezel; red graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895288Q64**

Anti-fog lens. 2 to 30 PSI gauge with quick-connect terminals for connection to light. Black face and chrome bezel; red graduations. Replacement gauge only.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL WATER PRESSURE GAUGE



79-**895288Q65**

Anti-fog lens. 2 to 40 PSI gauge with quick-connect terminals for connection to light. Black face and chrome bezel; red graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits 75-115 hp EFI FourStroke Outboards, serial number 1B366823 & above.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895288Q66**

Anti-fog lens. 2 to 40 PSI gauge with quick-connect terminals for connection to light. Black face and chrome bezel; red graduations. Replacement gauge only.

Fits 75-115 hp EFI FourStroke Outboards, serial number 1B366823 & above.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL OIL PRESSURE GAUGE



79-**895289Q61**

Anti-fog lens. Black face and chrome bezel; red graduations.

Fits all MCM/MIE gasoline engines and Mercury/Mariner 25/30/40/45/50/225 (4-stroke) outboards. Sender, if not already installed on the outboard, must be purchased separately.

Quicksilver Branded, Box Point of Sale Packaged.

OIL PRESSURE SENDER KIT



8M0068785

Includes sender and harness used with oil pressure gauges and 21 ft. (6.4 m) of wire.

Fits Mercury/Mariner 25/30/40/45/50/60 (4-stroke).

ADMIRAL OIL LEVEL GAUGE KIT



79-**895290Q61**

Anti-fog lens. Black face and chrome bezel; red/white graduations.

Fits V-6 outboard 3 US gal. (11.34 L) and 1.8 US gal. (6.8 L) remote oil reservoirs.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL FUEL GAUGE



79-**895291Q61**

Anti-fog lens. Black face and chrome bezel; red graduations. 12 volt system and 240 ohm sender required.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL TRIM GAUGE



79-**895292Q61**

Anti-fog lens. Black face and chrome bezel; red graduations. 12 volt system.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL DUAL ENGINE SYNCHRONIZER



79-**895294Q61**

Anti-fog lens. Black face and chrome bezel; red graduations. Connects to tachometers.

Fits both 2-stroke and 4-stroke gasoline engine applications.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL CRUISELOG GAUGE



79-**895295Q61**

Anti-fog lens. Black face and chrome bezel; red graduations. No illumination. Wiring included with this single pack.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL PLUS WHITE FACE FAMILY

Large gauge fits 3-3/8 in. (86 mm) hole in dash. Small gauge fits 2-1/8 in. (54 mm) hole in dash. 12 volt system. Tachometer selection and settings charts are located following the color group images.

ADMIRAL INSTRUMENT SET



79-**895283Q21**

Anti-fog lens. White face and black bezel; black graduations. Set includes 0-6000 RPM tachometer, oil pressure gauge, battery meter and water temperature gauge. All illuminated. Mounting hardware also included.

For various Mercury Outboards and MCM engines. Will require an AGI converter with Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL TACHOMETER



79-**895283Q22**

Anti-fog lens. 0-5000 RPM. 270 degree dial sweep. White face and black bezel; black graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

Diesel Engines only

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL TACHOMETER



79-**895283Q23**

Anti-fog lens. 0-6000 RPM. 270 degree dial sweep. White face and black bezel; black graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM engines. Will require an AGI converter with Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL TACHOMETER



79-**895283Q25**

Anti-fog lens. 0-7000 RPM. 270 degree dial sweep. White face and black bezel; black graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM engines. Will require an AGI converter with Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL SPEEDOMETER



79-**895285Q21**

Anti-fog lens. 10-45 MPH. 270 degree dial sweep. White face and black bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL SPEEDOMETER



79-**895285Q23**

Anti-fog lens. 10-65 MPH. 270 degree dial sweep. White face and black bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL SPEEDOMETER



79-**895285Q24**

Anti-fog lens. 0-80 MPH. 270 degree dial sweep. White face and black bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

ANALOG INSTRUMENTS

ADMIRAL SPEEDOMETER



79-**895285Q28**

Anti-fog lens. 10-40 Knots. 270 degree dial sweep. White face and black bezel; black graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL VOLT METER



79-**895286Q21**

Anti-fog lens. White face and black bezel; black graduations. Outboards require a tachometer harness or ignition/choke assembly for connection.

Quicksilver Branded, Box Point of Sale Packaged.

WATER TEMPERATURE GAUGE



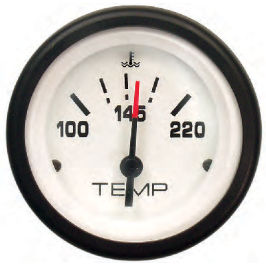
79-**895287Q21**

Anti-fog lens. 100 degree - 240 degree F gauge. White face and black bezel; black graduations. Includes sender. Also requires reducer fitting 22-86306 for 75 thru 115 FourStroke and 225 FourStroke applications. Coastal flush units require the 12415A 2 temperature sender kit.

Fits Mercury/Mariner 25 thru 115 FourStroke, 225 FourStroke, 40 (3 & 4 cylinder), 45, 50/60 (3 cylinder), and 70 to 125 HP; and 1993 and newer Force outboards (Force models must order sender FA299791 and discard sender included with gauge.

Quicksilver Branded, Box Point of Sale Packaged.

ADMITAL WATER TEMPERATURE GAUGE



79-**895287Q22**

Anti-fog lens. 100 degree - 220 degree F gauge. White face and black bezel; black graduations. Sender must be ordered separately. Also requires reducer fitting 22-86306 for 75 thru 115 FourStroke and 225 FourStroke applications. Coastal flush units require the 12415A 2 temperature sender kit.

Fits Mercury/Mariner 25 thru 115 FourStroke, 225 FourStroke, 40 (3 & 4 cylinder), 45, 50/60 (3 cylinder), and 70 to 125 HP; and 1993 and newer Force outboards (Force models must order sender FA299791).

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL WATER PRESSURE GAUGE



79-**895288Q21**

Anti-fog lens. 1 to 15 PSI gauge with quick-connect terminals for connection to light. White face and black bezel; black graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits Mercury/Mariner 25 E and EL (U.S. S/N 0C192155 and above; Belgium S/N 9548742 and above), 30 to 125 (except four stroke models), 1998 and older V-6 (3.0L), and Force 40/50.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895288Q22**

Anti-fog lens. 1 to 15 PSI gauge with quick-connect terminals for connection to light. White face and black bezel; black graduations. Replacement gauge only.

Fits Mercury/Mariner 25 E and EL (U.S. S/N 0C192155 and above; Belgium S/N 9548742 and above), 30 to 125 (except four stroke models), 1998 and older V-6 (3.0L), and Force 40/50.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL WATER PRESSURE GAUGE



79-**895288Q23**

Anti-fog lens. 2 to 30 PSI gauge with quick-connect terminals for connection to light. White face and black bezel; black graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895288Q24**

Anti-fog lens. 2 to 30 PSI gauge with quick-connect terminals for connection to light. White face and black bezel; black graduations. Replacement gauge only.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL WATER PRESSURE GAUGE



79-**895288Q25**

Anti-fog lens. 2 to 40 PSI gauge with quick-connect terminals for connection to light. White face and black bezel; black graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits 75-115 hp EFI FourStroke Outboards, serial number 1B366823 & above.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL OIL PRESSURE GAUGE



79-**895289Q21**

Anti-fog lens. White face and black bezel; black graduations.

Fits all MCM/MIE gasoline engines and Mercury/Mariner 25/30/40/45/50/225 (4-stroke) outboards. Sender, if not already installed on the outboard, must be purchased separately.

Quicksilver Branded, Box Point of Sale Packaged.

OIL PRESSURE SENDER KIT

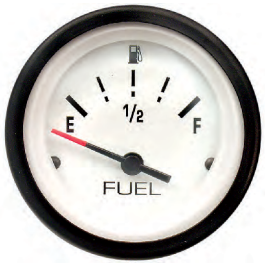


8M0068785

Includes sender and harness used with oil pressure gauges and 21 ft. (6.4 m) of wire.

Fits Mercury/Mariner 25/30/40/45/50/60 (4-stroke).

ADMIRAL FUEL GAUGE



79-**895291Q21**

Anti-fog lens. White face and black bezel; black graduations. 12 volt system and 240 ohm sender required.

Quicksilver Branded, Box Point of Sale Packaged.

79-**895291B31**

Anti-fog lens. White face and black bezel; black graduations. 12 volt system and 240 ohm sender required. Bulk package of 24 pcs.

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL POWER TRIM GAUGE



79-**895292Q21**

Anti-fog lens. White face and black bezel; black graduations. Designed for models that have a sender already installed or installation of a sender kit purchased separately.

Fits MCM and Outboards

Quicksilver Branded, Box Point of Sale Packaged.

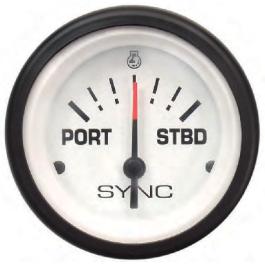
79-**895292B31**

Anti-fog lens. White face and black bezel; black graduations. Designed for models that have a sender already installed or installation of a sender kit purchased separately. Bulk package of 24 pcs.

Fits MCM and Outboards

Quicksilver Branded, Box Point of Sale Packaged.

ADMIRAL DUAL ENGINE SYNCHRONIZER



79-**895294Q21**

Anti-fog lens. White face and black bezel; black graduations. Connects to tachometers.

Fits both 2-stroke and 4-stroke gasoline engine applications. Requires a synchronizer driver unless already installed.

Quicksilver Branded, Box Point of Sale Packaged.

ANALOG INSTRUMENTS

ADMIRAL CRUISELOG GAUGE



79-**895295Q21**

Anti-fog lens. White face and black bezel; black graduations. No illumination. Wiring included with this single pack.

Quicksilver Branded, Box Point of Sale Packaged.

INTERNATIONAL II FAMILY GAUGES

Large gauge fits 3-3/8 inch (86 mm) hole in dash. Small gauge fits 2-1/8 inch (54 mm) hole in dash. 12 volt system. Tachometer selection and settings charts are located following the color group images.

INTENATIONAL II INSTRUMENT SET



79-**895283Q41**

Anti-fog lens. Black face and black bezel; orange/white graduations. Set includes 0-6000 RPM tachometer, oil pressure gauge, battery meter and water temperature gauge. All illuminated. Mounting hardware also included.

Fits MCM/MIE D3.0L, D3.6L, and 4.2L diesels (1994 & newer).

Quicksilver Branded, Box Point of Sale Packaged.

INTENATIONAL II TACH



79-**895283Q43**

Anti-fog lens. 0-6000 RPM. 270 degree dial sweep. Black face and black bezel; orange/white graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require an AGI converter with Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

INTERNATIONAL II TACH



79-**895283Q45**

Anti-fog lens. 0-7000 RPM. 270 degree dial sweep. Black face and black bezel; orange/white graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require an AGI converter with Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

INTERNATIONAL II TACH



79-**895283Q46**

Anti-fog lens. 0-8000 RPM. 270 degree dial sweep. Black face and black bezel; orange/white graduations. Outboards require a tachometer harness or ignition/choke assembly for connection. Fits 3-3/8 in. (85 mm) hole in dash.

For various Mercury Outboards and MCM products. Will require an AGI converter with Verado (Digital) engines.

Quicksilver Branded, Box Point of Sale Packaged.

INTERNATIONAL II SPEEDOMETER



79-**895285Q43**

Anti-fog lens. 10-65 MPH. 270 degree dial sweep. Black face and black bezel; orange/white graduations. Includes 20 ft. (6.1 m) of tubing. Fits 3-3/8 in. (85 mm) hole in dash.

Quicksilver Branded, Box Point of Sale Packaged.

INTERNATIONAL II VOLT METER



79-**895286Q41**

Anti-fog lens. Black face and black bezel; orange/white graduations.

Quicksilver Branded, Box Point of Sale Packaged.

INTERNATIONAL II WATER TEMPERATURE GAUGE



79-895287Q41

Anti-fog lens. 100 degree - 240 degree F gauge. Black face and black bezel; orange/white graduations.

Fits all MCM/MIE gasoline engines and Mercury/Mariner V-6 outboards. Sender, if not already installed on the outboard, must be purchased separately.

Quicksilver Branded, Box Point of Sale Packaged.

INTERNATIONAL II WATER PRESSURE GAUGE



79-895288Q41

Anti-fog lens. 1 to 15 PSI gauge with quick-connect terminals for connection to light. Black face and black bezel; orange graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

79-895288Q42

Anti-fog lens. 1 to 15 PSI gauge with quick-connect terminals for connection to light. Black face and black bezel; orange graduations. Service replacement gauge.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

INTERNATIONAL II WATER PRESSURE GAUGE



79-895288Q43

Anti-fog lens. 2 to 30 PSI gauge with quick-connect terminals for connection to light. Black face and black bezel; orange graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

79-895288Q44

Anti-fog lens. 2 to 30 PSI gauge with quick-connect terminals for connection to light. Black face and black bezel; orange graduations. Service replacement gauge.

Fits Mercury/Mariner 25/30/40/45/50/75/90/115/225 (4-stroke), all V-6 (except 3.0L 1998 and older); and Force 75, 90 and 120. The 75/90/115/225 FourStroke outboards require a reducer fitting p/n 22-86306.

Quicksilver Branded, Box Point of Sale Packaged.

INTERNATIONAL II WATER PRESSURE GAUGE



79-895288Q45

Anti-fog lens. 2 to 40 PSI gauge with quick-connect terminals for connection to light. Black face and black bezel; orange graduations. Complete kit. Includes 25 ft. (7.6 m) of tubing and hardware. Replacement hose not sold separately, obtain locally.

Fits 75-115 hp EFI FourStroke Outboards, serial number 1B366823 & above.

Quicksilver Branded, Box Point of Sale Packaged.

INTERNATIONAL II OIL PRESSURE GAUGE



79-895289Q41

Anti-fog lens. Black face and black bezel; orange/white graduations.

Fits all MCM/MIE gasoline engines and Mercury/Mariner 25/30/40/45/50/225 (4-stroke) outboards. Sender, if not already installed on the outboard, must be purchased separately.

Quicksilver Branded, Box Point of Sale Packaged.

OIL PRESSURE SENDER KIT



8M0068785

Includes sender and harness used with oil pressure gauges and 21 ft. (6.4 m) of wire.

Fits Mercury/Mariner 25/30/40/45/50/60 (4-stroke).

ANALOG INSTRUMENTS

INTERNATIONAL II FUEL GAUGE



79-**895291Q41**

Anti-fog lens. Black face and black bezel; orange/white graduations. Bulk package of 24 pcs. 12 volt system and 240 ohm sender required.

Quicksilver Branded, Box Point of Sale Packaged.

INTERNATIONAL II TRIM GAUGE



79-**895292Q41**

Anti-fog lens. Black face and black bezel; orange/white graduations. 12 volt system.

Quicksilver Branded, Box Point of Sale Packaged.

INTERNATIONAL II DUAL ENGINE SYNCHRONIZER



79-**895294Q41**

Anti-fog lens. Black face and black bezel; orange/white graduations. Connects to tachometers.

Fits both 2-stroke and 4-stroke gasoline engine applications.

Quicksilver Branded, Box Point of Sale Packaged.

INTERNATIONAL II CRUISELOG GAUGE



79-**895295Q41**

Anti-fog lens. Black face and black bezel; orange/white graduations. No illumination. Wiring included with this single pack.

Quicksilver Branded, Box Point of Sale Packaged.

QSS REPLACEMENT GAUGES

DEPTH SOUNDERS

BEZEL 52 MM



8M0120346

Chrome bezel. 2 inch (52 MM). Bezel is a snap fit that has a round shape.

Priced individually, sold @ multiples of 10

VDO FAMILY GAUGES

SPEEDOMETER PICKUPS

SPEEDOMETER PICKUP



77409A 1

Pickup and mounting screws only.

SPEEDOMETER PICKUP KIT



77409B 1

For use with bulk pack speedometers. Includes pickup, misc. hardware and 20 ft. (6.1 m) of tubing.

Priced & packaged in qty. of 24

SPEEDOMETER PICKUP TUBING



32- **54950 53**

53 ft. (16.15 m) tubing.

WATER PRESSURE PICK-UP KITS

TUBING-BULK 100 FEET



32-**859785100**

Bulk water pressure tubing, gray. 5/32 OD x 3/32 ID. 100 foot length.

ANALOG WATER PRESSURE FITTING KIT



32-**8M0088855**

Fitting kit allows installation of an analog water pressure gauge to the engine.
2.1L F75-115 Four Stroke

WATER PRESSURE KIT



8M0059531

Components needed for water pressure gauges.
150 FourStroke Engines

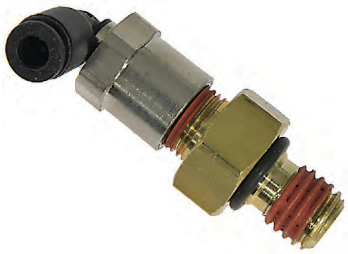
ANALOG BLOCK WATER PRESSURE SENDER



8M0145165

Optional kit to add analog block water pressure feature to a digital engine.
Applicable to DTS 3.4L V6 and 4.6L V8 engines (mechanical engines have this sensor as standard).

FITTING ASSEMBLY (90 DEGREE)



22-**8M0022199**

Includes o-ring 896699, adapter fitting 896094 and 90 degree elbow fitting 891533.
Mercury 350 SCI 1B716557 thru 2B143542

FITTING (90 DEGREE)



22-**891533**

90 degree fitting used on pressure sensor kit.
2.5XS 2.5L DFI 0T997974 thru 1E000796

WATER TEMPERATURE SENDERS

Water temperature senders used for operation of a temperature gauge.

WATER TEMPERATURE SENDER



13536A13

A two wire temperature sender for use on V-6 outboard product. Furnished standard on engine powerhead, the fiche card specific to the application should be used to verify correct use.

ANALOG INSTRUMENTS

WATER TEMPERATURE SENDER



13536A14

A four wire temperature sender for use on V-6 outboard product. Furnished standard on engine powerhead, the fiche card specific to the application should be used to verify correct use.

WATER TEMPERATURE SENDER



12415

(1/8"-27 NPT threads)

Fits outboard applications.

TEMPERATURE SENDER KIT



12415A 2

Allows adding a temperature sender to outboards equipped with a factory built coastal flush. Includes a temperature sender, fittings, cable ties and instruction sheet. This kit provides for the use of a coastal flush and a temperature sender at the same time.

Fits Mercury/Mariner 75-125 hp. (1993 and newer) 2 cycle outboards. Primarily designed for adding to a Saltwater model which comes with the coastal flush as standard equipment.

WATER TEMPERATURE SENDER



15995

Used for temperature gauge.

Fits MCM 3.7L engines

WATER TEMPERATURE SENDER



806490T

3/8 in. x 18 NPT threads, used for temperature gauge.

Fits MCM/MIE engines

WATER TEMPERATURE SENDER



97258A 1

1/2 in. x 14 NPT threads, used for temperature gauge.

Fits MCM/MIE engines

COOLANT TEMPERATURE SENDER



805218T

Used for temperature gauge.

Fits MCM/MIE EFI models

OIL PRESSURE SENDERS

OIL PRESSURE SENDER



8M0068784

For use with 80 PSI electric oil pressure gauge.

OIL PRESSURE SENDER KIT



8M0068785

Includes sender and harness used with oil pressure gauges and 21 ft. (6.4 m) of wire.
Fits Mercury/Mariner 25/30/40/45/50/60 (4-stroke).

OIL PRESSURE SENDER



8M0068784

For use with 80 PSI electric oil pressure gauge.

POWER TRIM SENDERS

POWER TRIM SENDER



805320A03

Includes trim limit switch also.
Fits MC-I, R, MR, Alpha One, Gen II, Bravo drives.

POWER TRIM SENDER



805130A 6

For dual station applications.
Fits MCM I/R/MR/Alpha One/Gen II/Bravo One & Two drives.

POWER TRIM SENDER



805130A 8

For dual station applications.
Fits MCM TR & TRS drives.

POWER TRIM SENDER CONVERSION KIT



805134A 3

Converts single station sender to a dual station sender.
Fits MCM Alpha One/Gen II/Bravo One & Two drives.

ANALOG TRIM SENDER (PORT MOUNT)



8M0098273

Port mount analog trim sender (black color)
40-60 Family 2, 75-115 EFI and Optimax (not digital Optimax) - Port mount only

ANALOG TRIM SENDER (STARBOARD MOUNT)



8M0098264

Starboard mount analog trim sender (natural color)
40-60 Family 2, 75-115 EFI and Optimax - Starboard mount only

ANALOG INSTRUMENTS

POWER TRIM SENDER



822573A12

Port mounted. Contains 6-32 threaded mounting screws.
Fits various in-line outboards. See application chart for specific engine models.

POWER TRIM SENDER



859187A 1

Port mounted.
Fits all SmartCraft compatible engines.

POWER TRIM SENDER



896688001

Digital Trim Sender
See Electronic Parts Catalog for all applications

POWER TRIM SENDER



888617001

Starboard mounted.
Fits the Mercury/Mariner V-225 FourStroke outboard engine.

POWER TRIM SENDER



891777A01

Starboard Mounted. Required for digital gauge applications.
Fits SmartCraft compatible engines.

TRIM SENSOR CONVERTER KIT



8M0059529

This kit will allow you to convert the signal from the digital sensor to an analog signal. It will allow you to drive an analog gauge for trim only without changing the sensor to an analog sensor. This kit will connect directly to the harness inside the engine cowl.
F150 EFI FourStroke outboard engine only

TRIM CONVERTER AND TILT UP LIMIT KIT



8M0118725

This kit allows the conversion of the trim signal from the analog sender to a digital output for SmartCraft gauge applications. The kit also has an additional feature that allows the max tilt up position to be set to avoid interference when tilting the engine completely up.
2.1L F75-115 Four Stroke

POWER TRIM SENDER CHART

Mercury/Mariner Trim Senders

Model	Brand	Model Notes	Year Range	Country	Serial # Range	Port Mount Trim Sender	Stbd. Mount Trim Sender
25 FourStroke	Mercury/Mariner	Carb Models only	1998 - 2006	USA	0G590000 and up	822573A12	N/A
25 FourStroke	Mercury/Mariner	Carb Models only	1999 - 2006	BEL	0P017000 and up	822573A12	N/A
25 FourStroke	Mercury/Mariner	EFI w/ 6-32 threads	2006 - 2023	JPN	0R106999 and up	822573A12	N/A
25 FourStroke	Mercury/Mariner	EFI w/ 6-32 threads	2006 - 2023	BEL	0P401000 and up	822573A12	N/A
30	Mercury/Mariner	2 cylinder	1995 - 2023	USA	0G124405 and up	822573A12	N/A
30	Mercury/Mariner	2 cylinder	1995 - 2023	BEL	9840763 and up	822573A12	N/A
30 FourStroke	Mercury/Mariner	3 cylinder Non-BigFoot Models.	1999 - 2005	USA	0G760300 - 1B226999	N/A	8M0098264
30 FourStroke	Mercury/Mariner	3 cylinder Non-BigFoot models.	1999 - 2005	BEL	0P017000 - 0P400999	N/A	8M0098264
30 FourStroke	Mercury/Mariner	EFI w/ 6-32 threads	2006 - 2023	JPN	0R106999 and up	822573A12	N/A
30 FourStroke	Mercury/Mariner	EFI w/ 6-32 threads	2006 - 2023	BEL	0P401000 and up	822573A12	N/A
30 JET	Mercury/Mariner	4 cylinder	1993 - 1997	USA	0C159200 - 0G589999	N/A	N/A
30 JET	Mercury/Mariner	3 cylinder	1998 - 2000	USA	0G590000 - 0T178499	822573A12	N/A
30 JET	Mercury/Mariner	3 cylinder	1999 - 2000	BEL	0P017000 - 0P094499	822573A12	N/A
35	Mercury/Mariner	2 cylinder	1984 - 1989	USA	6445653 - 0C221999	N/A	N/A
35	Mercury/Mariner	2 cylinder	1984 - 1989	BEL	9384476 and up	N/A	N/A
35	Mercury/Mariner	2 cylinder	1984 - 1989	CAN	7209608 and up	N/A	N/A
40	Mercury/Mariner	4 cylinder with integral trim.	1989 - 1992	USA	0C159200 - 0D181999	N/A	N/A
40	Mercury/Mariner	4 cylinder with integral trim.	1989 - 1992	BEL	9570790 - 9740999	N/A	N/A
40	Mercury/Mariner	4 cylinder	1993 - 1997	USA	0D182000 - 0G589999	N/A	8M0098264
40	Mercury/Mariner	4 cylinder	1993 - 1997	BEL	9741000 - 9973099	N/A	8M0098264
40	Mercury/Mariner	2 cylinder	1995 - 2023	USA	0G124405 and up	822573A12	N/A
40	Mercury/Mariner	2 cylinder	1995 - 2023	BEL	9840763 and up	822573A12	N/A
40	Mercury/Mariner	3 cylinder, 59 CID, Long shaft only.	1997 1/2 - 2023	USA	0G531301 and up	822573A12	N/A
40	Mercury/Mariner	3 cylinder, 59 CID, Long shaft only.	1997 1/2 - 2023	BEL	9973100 and up	822573A12	N/A
40 FourStroke	Mercury/Mariner	3 cylinder Non-BigFoot models.	1999 - 2023	USA	0G760300 and up	N/A	8M0098264
40 FourStroke	Mercury/Mariner	3 cylinder Non-BigFoot models.	1999 - 2023	BEL	0P017000 and up	N/A	8M0098264
40 FourStroke	Mercury/Mariner	3 cylinder BigFoot models.	1999 - 2002	USA	0G760300 - 0T408999	N/A	8M0098264
40 FourStroke	Mercury/Mariner	3 cylinder BigFoot models.	1999 - 2002	BEL	0P017000 - 0P153499	N/A	8M0098264
40 FourStroke	Mercury/Mariner	4 cylinder Italy/Bodensee	1995 - 1998	USA	0G231123 - 0G760299	822573A12	N/A
40 FourStroke	Mercury/Mariner	4 cylinder Italy/Bodensee	1999 - 2000	BEL	0P073323 - 0P094499	N/A	8M0098264
40 FourStroke	Mercury/Mariner	4 cylinder, 996 cc., BigFoot models.	2001 - 2023	USA	0T228405 - 1B344306	N/A	8M0098264
40 FourStroke	Mercury/Mariner	4 cylinder, 996 cc., BigFoot models.	2001 - 2023	BEL	0P094500 and up	N/A	8M0098264
40 FourStroke	Mercury/Mariner	4 cylinder, 996 cc., BigFoot models.	2006 - 2023	CHN	1C000001 and up	N/A	8M0098264
40 JET	Mercury/Mariner		2001 - 2023	USA	0T178500 and up	822573A12	N/A
40 JET	Mercury/Mariner		2001 - 2023	BEL	0P094500 and up	822573A12	N/A
45	Mercury/Mariner	4 cylinder	1986 - 1989	USA	5531630 - 0D000749	N/A	N/A
45	Mercury/Mariner	4 cylinder	1986 - 1989	AUS	8063985 and up	N/A	N/A
45	Mercury/Mariner	4 cylinder	1986 - 1989	BEL	9248006 - 9683054	N/A	N/A
45	Mercury/Mariner	4 cylinder	1986 - 1989	CAN	7143688 and up	N/A	N/A
45 FourStroke	Mercury/Mariner	4 cylinder Italy/Bodensee	1995 - 1998	USA	0G231123 - 0G760299	822573A12	N/A
45 FourStroke	Mercury/Mariner	4 cylinder Italy/Bodensee	1999 - 2000	BEL	0P073323 - 0P094499	N/A	8M0098264
45 JET	Mercury/Mariner	3 cylinder, 51.8 CID	1993 - 1997	USA	0D182000 - 0G589999	N/A	8M0098264
45 JET	Mercury/Mariner	3 cylinder, 59 CID	1998 - 2000	USA	0G590000 - 0T178499	822573A12	N/A
45 JET	Mercury/Mariner	3 cylinder, 59 CID	1998 - 2000	BEL	0P017000 - 0P094499	822573A12	N/A
50	Mercury/Mariner	4 cylinder with external trim.	1976 - 1985	USA	4357640 - 6428680	N/A	N/A
50	Mercury/Mariner	4 cylinder with external trim.	1976 - 1985	AUS	8030090 and up	N/A	N/A
50	Mercury/Mariner	4 cylinder with external trim.	1976 - 1985	BEL	9107214 - 9469199	N/A	N/A
50	Mercury/Mariner	4 cylinder with external trim.	1976 - 1985	CAN	7068998 - 7208332	N/A	N/A
50	Mercury/Mariner	3 cylinder with external trim.	1986 - 1992	USA	6428681 - 0D181999	N/A	N/A
50	Mercury/Mariner	3 cylinder with external trim.	1986 - 1992	BEL	9385911 - 9733881	N/A	N/A

ANALOG INSTRUMENTS

Model	Brand	Model Notes	Year Range	Country	Serial # Range	Port Mount Trim Sender	Stbd. Mount Trim Sender
50	Mercury/Mariner	3 cylinder with external trim.	1986 - 1992	CAN	7208333 and up	N/A	N/A
50	Mercury/Mariner	3 cylinder, 51.8 CID	1993 - 1997	USA	0D182000 - 0G589999	N/A	8M0098264
50	Mercury/Mariner	3 cylinder, 51.8 CID	1993 - 1997	BEL	9733882 - 9973099	N/A	8M0098264
50	Mercury/Mariner	3 cylinder, 59 CID	1998 - 2023	USA	0G590000 and up	822573A12	N/A
50	Mercury/Mariner	3 cylinder, 59 CID	1998 - 2023	BEL	9973100 and up	822573A12	N/A
50 FourStroke	Mercury/Mariner	4 cylinder Non-BigFoot models.	1995 - 1998	USA	0G231123 - 0G760299	822573A12	N/A
50 FourStroke	Mercury/Mariner	4 cylinder Non-BigFoot models.	1999 - 2000	USA	0G760300 - 0T178499	N/A	8M0098264
50 FourStroke	Mercury/Mariner	4 cylinder BigFoot models.	1998 - 2000	USA	0G590000 - 0T178499	N/A	8M0098264
50 FourStroke	Mercury/Mariner	4 cylinder, 996 cc., all models.	2001 - 2023	USA	0T178500 - 1B344306	N/A	8M0098264
50 FourStroke	Mercury/Mariner	4 cylinder, 996 cc., all models.	2001 - 2023	BEL	0P094500 and up	N/A	8M0098264
50 FourStroke	Mercury/Mariner	4 cylinder, 996 cc., BigFoot models.	2006 - 2023	CHN	1C000001 and up	N/A	8M0098264
55	Mercury/Mariner	3 cylinder, 51.8 CID	1996 - 1997	USA	0D00750 - 0G589999	N/A	N/A
55	Mercury/Mariner	3 cylinder, 51.8 CID	1996 - 1997	BEL	9741042 - 9973099	N/A	N/A
55	Mercury/Mariner	3 cylinder, 59 CID	1998 - 2023	USA	0G590000 and up	N/A	8M0098264
55	Mercury/Mariner	3 cylinder, 59 CID	1998 - 2023	BEL	9973100 and up	N/A	8M0098264
60	Mercury/Mariner	3 cylinder with external trim.	1984 - 1987	USA	6428681 - 0B122929	N/A	N/A
60	Mercury/Mariner	3 cylinder with external trim.	1984 - 1987	BEL	9385911 - 9469199	N/A	N/A
60	Mercury/Mariner	3 cylinder with external trim.	1984 - 1987	CAN	7208333 - 0A721307	N/A	N/A
60	Mercury/Mariner	3 cylinder with internal trim.	1989 - 1992	USA	0C160936 - 0D181999	N/A	N/A
60	Mercury/Mariner	3 cylinder with internal trim.	1989 - 1992	BEL	9469200 - 9733881	N/A	N/A
60	Mercury/Mariner	3 cylinder with internal trim.	1989 - 1992	CAN	0A721308 and up	N/A	N/A
60	Mercury/Mariner	3 cylinder, all models.	1993 - 2023	USA	0D182000 and up	N/A	8M0098264
60	Mercury/Mariner	3 cylinder, all models.	1993 - 2023	BEL	9733882 and up	N/A	8M0098264
60 FourStroke	Mercury/Mariner	4 cylinder, 996 cc., all models.	2001 - 2023	USA	0T178500 - 1B344306	N/A	8M0098264
60 FourStroke	Mercury/Mariner	4 cylinder, 996 cc., all models.	2001 - 2023	BEL	0P094500 and up	N/A	8M0098264
60 FourStroke	Mercury/Mariner	4 cylinder, 996 cc., BigFoot models.	2006 - 2023	CHN	1C000001 and up	N/A	8M0098264
70	Mercury/Mariner	3 cylinder with 3-ram trim.	1987 - 1989	USA	0A966142 - 0C221999	8M0098273	N/A
70	Mercury/Mariner	3 cylinder with 3-ram trim.	1987 - 1989	BEL	9502500 - 9589032	8M0098273	N/A
70	Mercury/Mariner	3 cylinder with single ram trim.	1987 - 1989	USA	0A966142 - 0C221999	N/A	8M0098264
70	Mercury/Mariner	3 cylinder with single ram trim.	1987 - 1989	BEL	9502500 - 9589032	N/A	8M0098264
75	Mercury/Mariner	4 cylinder with 3-ram trim.	1984 - 1987	USA	6428681 - 0B122929	8M0098273	N/A
75	Mercury/Mariner	4 cylinder with 3-ram trim.	1984 - 1987	BEL	9385911 - 9469199	8M0098273	N/A
75	Mercury/Mariner	4 cylinder with 3-ram trim.	1984 - 1987	CAN	7208333 - 0A721307	8M0098273	N/A
75	Mercury/Mariner	4 cylinder with single ram trim.	1984 - 1987	USA	6428681 - 0B122929	N/A	8M0098264
75	Mercury/Mariner	4 cylinder with single ram trim.	1984 - 1987	BEL	9385911 - 9469199	N/A	8M0098264
75	Mercury/Mariner	4 cylinder with single ram trim.	1984 - 1987	CAN	7208333 - 0A721307	N/A	8M0098264
75	Mercury/Mariner	3 cylinder with 3-ram trim.	1987 - 1997 1/2	USA	0A966142 - 0G531985	8M0098273	N/A
75	Mercury/Mariner	3 cylinder with 3-ram trim.	1987 - 1997 1/2	BEL	9502500 - 9502500	8M0098273	N/A
75	Mercury/Mariner	3 cylinder with single ram trim.	1987 - 2023	USA	0A966142 and up	N/A	8M0098264
75	Mercury/Mariner	3 cylinder with single ram trim.	1987 - 2023	BEL	9502500 and up	N/A	8M0098264
75 Optimax	Mercury/Mariner	1.5L DFI, non-digital sender.	2004 - 2023	USA	0T800750 and up	N/A	8M0098264(1)
75 Optimax	Mercury/Mariner	1.5L DFI, digital sender.	2004 - 2023	USA	0T800750 and up	N/A	891777A01(2)
75 FourStroke	Mercury/Mariner		2000 - 2005	USA	0G960500 - 1B366822	N/A	8M0098264
75 FourStroke	Mercury/Mariner		2006 - 2023		1B366823 - 2B094955	N/A	8M0098264
80	Mercury/Mariner	4 cylinder with external trim.	1978 - 1983	USA	4831999 - 6432900	N/A	N/A
80	Mercury/Mariner	4 cylinder with external trim.	1978 - 1983	AUS	8050200 and up	N/A	N/A
80	Mercury/Mariner	4 cylinder with external trim.	1978 - 1983	BEL	9177626 - 9393855	N/A	N/A
80	Mercury/Mariner	4 cylinder with external trim.	1978 - 1983	CAN	7110998 - 7208572	N/A	N/A
80	Mercury/Mariner	3 cylinder with 3-ram trim.	1987 - 1989	USA	0A966142 - 0C221999	8M0098273	N/A
80	Mercury/Mariner	3 cylinder with 3-ram trim.	1987 - 1989	BEL	9502500 - 9589032	8M0098273	N/A
80	Mercury/Mariner	3 cylinder with single ram trim.	1987 - 1989	USA	0A966142 - 0C221999	N/A	8M0098264
80	Mercury/Mariner	3 cylinder with single ram trim.	1987 - 1989	BEL	9502500 - 9589032	N/A	8M0098264
90	Mercury/Mariner	6 cylinder with external trim.	1978 - 1986	USA	4845301 - 0A966141	N/A	N/A
90	Mercury/Mariner	6 cylinder with external trim.	1978 - 1986	AUS	8060545 and up	N/A	N/A
90	Mercury/Mariner	6 cylinder with external trim.	1978 - 1986	CAN	7111698 and up	N/A	N/A
90	Mercury/Mariner	3 cylinder with 3-ram trim.	1987 - 1997 1/2	USA	0A966142 - 0G531985	8M0098273	N/A

Model	Brand	Model Notes	Year Range	Country	Serial # Range	Port Mount Trim Sender	Stbd. Mount Trim Sender
90	Mercury/Mariner	3 cylinder with 3-ram trim.	1987 - 1997 1/2	BEL	9502500 - 9502500	8M0098273	N/A
90	Mercury/Mariner	3 cylinder with single ram trim.	1987 - 2023	USA	0A966142 and up	N/A	8M0098264
90	Mercury/Mariner	3 cylinder with single ram trim.	1987 - 2023	BEL	9502500 and up	N/A	8M0098264
90 Optimax	Mercury/Mariner	1.5L DFI, non-digital sender.	2004 - 2023	USA	0T800750 and up	N/A	8M0098264(1)
90 Optimax	Mercury/Mariner	1.5L DFI, digital sender.	2004 - 2023	USA	0T800750 and up	N/A	891777A01(2)
90 FourStroke	Mercury/Mariner		2000 - 2006	USA	0G960500 - 1B366822	N/A	8M0098264
90 FourStroke	Mercury/Mariner		2006 - 2023	USA	1B366823 - 2B094955	N/A	8M0098264
100	Mercury/Mariner	4 cylinder with 3-ram trim.	1988 - 1993	USA	0B209468 - 0D283221	8M0098273	8M0098264
100	Mercury/Mariner	4 cylinder with 3-ram trim.	1988 - 1993	BEL	9523034 - 9793576	8M0098273	8M0098264
100	Mercury/Mariner	4 cylinder with single ram trim.	1988 - 2023	USA	0B209468 and up	N/A	8M0098264
100	Mercury/Mariner	4 cylinder with single ram trim.	1988 - 2023	BEL	9523034 and up	N/A	8M0098264
115	Mercury/Mariner	6 cylinder with external trim.	1978 - 1988	USA	4855153 - 0C099999	N/A	N/A
115	Mercury/Mariner	6 cylinder with external trim.	1978 - 1988	AUS	8051950 and up	N/A	N/A
115	Mercury/Mariner	6 cylinder with external trim.	1978 - 1988	CAN	7112248 and up	N/A	N/A
115	Mercury/Mariner	4 cylinder with 3-ram trim.	1988 - 1993	USA	0B209468 - 0D283221	8M0098273	8M0098264
115	Mercury/Mariner	4 cylinder with 3-ram trim.	1988 - 1993	BEL	9523034 - 9793576	8M0098273	8M0098264
115	Mercury/Mariner	4 cylinder with single ram trim.	1988 - 2023	USA	0B209468 and up	N/A	8M0098264
115	Mercury/Mariner	4 cylinder with single ram trim.	1988 - 2023	BEL	9523034 and up	N/A	8M0098264
115 Optimax	Mercury/Mariner	2.5L DFI, non-digital sender.	2000	USA	0G960500 - 0T178499	8M0098273(1)	N/A
115 Optimax	Mercury/Mariner	2.5L DFI, digital sender.	2000	USA	0G960500 - 0T178499	859187A 1(2)	N/A
115 Optimax	Mercury/Mariner	1.5L DFI, non-digital sender.	2004 - 2023	USA	0T800750 and up	N/A	8M0098264(1)
115 Optimax	Mercury/Mariner	1.5L DFI, digital sender.	2004 - 2023	USA	0T800750 and up	N/A	891777A01(2)
115 FourStroke	Mercury/Mariner	EFI	2001 - 2005	USA	0T178500 - 1B366822	N/A	8M0098264
115 FourStroke	Mercury/Mariner	EFI	2006 - 2023	USA	1B366823 - 2B094955	N/A	8M0098264
125	Mercury/Mariner	4 cylinder	1994 - 2023	USA	0D283222 and up	N/A	8M0098264
125	Mercury/Mariner	4 cylinder	1994 - 2023	BEL	9793577 and up	N/A	8M0098264
225 FourStroke	Mercury/Mariner		2003 - 2023	USA	0T653945 and up	N/A	888617001(1)
V-6	Mercury/Mariner	Non-digital sender & 3-ram trim.	All	USA	All - All	8M0098273(1)	N/A
V-6	Mercury/Mariner	Digital sender & 3-ram trim.	2000 - 2023	USA	0G960500 and up	859187A 1(2)	N/A

(1) For use with analog gauges.

(2) For use with 555 controller and SmartCraft gauges or monitors.

SERVICE MONITORS

Digital tach and hourmeter. Features LCD display and re-settable hourmeter.

SERVICE MONITOR



79-**8M0050399**

Fits most Outboards and gasoline MCM/MIE engines. Will not work with diesel products, Verado outboards or the F75-115 FourStroke outboard 1B366823-2B094955. Replaces old versions with a universal product.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

INSTRUMENT HOLE COVER KIT

Allows pre-drilling dash for adding 2-1/8 in. (54 mm) gauges at a later date.

COVER KIT



79- **79889A 1**

Instrument hole cover kit, dummy gauge assembly

MECHANICAL TRIM POSITION INDICATORS - 1 POINTER

Cables not included with indicator kits. Order F5H208/_ cables or 64-820676A_ cables to proper length. Trim position indicator and bezel selection chart available within the Instrument section.

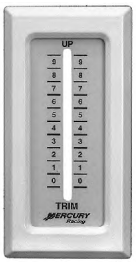
TRIM POSITION INDICATOR



848445A 1

1 pointer. Top cable entry. Gray faceplate and black bezel.
Fits single sterndrive.

TRIM POSITION INDICATOR



848445A 6

1 pointer. Top cable entry. White faceplate and bezel.
Fits single sterndrive.

MECHANICAL TRIM POSITION INDICATORS - 2 POINTER

Cables not included with indicator kits. Order F5H208/_ cables or 64-820676A_ cables to proper length. Trim position indicator and bezel selection chart available within the Instrument section.

MECHANICAL TRIM POSITION INDICATORS - 3 POINTER

Cables not included with indicator kits. Order F5H208/_ cables or 64-820676A_ cables to proper length. Trim position indicator and bezel selection chart available within the Instrument section.

MECHANICAL TRIM POSITION INDICATORS - 4 POINTER

Cables not included with indicator kits. Order F5H208/_ cables or 64-820676A_ cables to proper length. Trim position indicator and bezel selection chart available within the Instrument section.

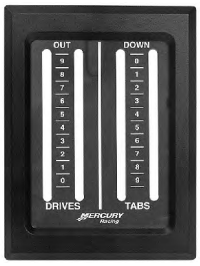
TRIM POSITION INDICATOR



844945A 1

4 pointer. Bottom cable entry. Gray faceplate and black bezel.
Fits twin MCM sterndrives and twin trim tabs.

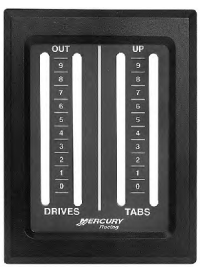
TRIM POSITION INDICATOR



844944A 1

4 pointer. Top cable entry. Gray faceplate and black bezel.
Fits twin MCM sterndrives and twin trim tabs.

TRIM POSITION INDICATOR



845983A 1

4 pointer. Bottom cable entry. Gray faceplate and black bezel.
Fits twin MCM sterndrives and twin trim tabs.

MECHANICAL TRIM POSITION INDICATORS - 5 POINTER

Cables not included with indicator kits. Order F5H208/_ cables or 64-820676A_ cables to proper length. Trim position indicator and bezel selection chart available within the Instrument section.

MECHANICAL TRIM POSITION INDICATOR ACTUATOR KITS

ACTUATOR KIT



846063A 1

Single
Fits MCM Alpha - V SSM sterndrives

CABLE GRIP KIT



846066A 1

Angled stainless steel through-transom fitting for trim position (cable not included).

CABLE GRIP KIT



846793A 1

Straight stainless steel through-transom fitting for trim position (cable not included).

MECHANICAL TRIM ACTUATOR KIT M-SERIES TRANSOM



8M0124387

Attaching kit for mechanical trim indication.
To be used on M-Series transom when using mechanical indicators

MECHANICAL TRIM POSITION INDICATOR & BEZEL CHART

Trim Position Indicators

Model	Model Note	Black Bezel Gray Faceplate Bottom Cable Entry	White Bezel White Faceplate Bottom Cable Entry	Black Bezel Gray Faceplate Top Cable Entry	White Bezel White Faceplate Top Cable Entry
1 pointer	1 sterndrive or 1 paralift		N.L.A.	848445A 1	848445A 6
2 pointer	2 MCM Alpha - V SSM sterndrives or 2 trim tabs		N.L.A.	N.L.A.	N.L.A.
2 pointer	2 MCM VI - VII SSM sterndrives or 2 trim tabs	N.L.A.	N.L.A.		N.L.A.
3 pointer	3 MCM Alpha - V SSM sterndrives	N.L.A.	N.L.A.		N.L.A.
3 pointer	3 MCM VI - VII SSM sterndrives or 1 MCM sterndrive		N.L.A.	N.L.A.	N.L.A.
4 pointer	2 MCM Alpha - V SSM sterndrives and 2 trim tabs	844945A 1	N.L.A.	844944A 1	N.L.A.
4 pointer	2 MCM VI - VII SSM sterndrives and 2 trim tabs or	845983A 1	N.L.A.	N.L.A.	N.L.A.
5 pointer	3 MCM Alpha - V SSM sterndrives and 2 trim tabs	845457A 1	845457A 6	N.L.A.	N.L.A.
5 pointer	3 MCM VI - VII SSM sterndrives and 2 trim tabs or	N.L.A.	N.L.A.	N.L.A.	N.L.A.

DIGITAL THROTTLE AND SHIFT REMOTE CONTROLS

CONTROLS-PANEL

PANEL MOUNT DTS ERC



8M0133237

This DTS panel mount Electronic Remote Control (ERC) offers the following features: Throttle only, engine start/stop, Active trim button and system status light, profile select buttons, Profile indicator LEDs, and mounting hardware. ERC included is programmed for single-helm configuration. GPS required for Active Trim feature.

PANEL MOUNT DTS ERC- ELECTRIC STEERING



8M0144227

This DTS panel mount Electronic Remote Control (ERC) offers the following features: Throttle only, engine start/stop, Active trim button and system status light, profile select buttons, Profile indicator LEDs, mounting hardware, and Quick Steer button for vessels with Single Outboard Electric Steering. ERC included is programmed for single-helm configuration. GPS required for Active Trim feature.

BRAVO 4S ERC PANEL MOUNT KIT



8M0189676

This electronic remote control features High Def Cruise and can be used with Bravo FourS surf applications.

FOOT THROTTLE CONTROL

DTS HOT FOOT THROTTLE KIT



893359K01

Allows for precise throttle control with a foot pedal. Allows use of "Hot Foot" floor mounted foot throttle with DTS single engines. Switch button sold separately.

2006 model year only- needs to be run with new 891661005 Command Module and software.
Verado 135 - 275 and OptiMax 200 and 225

DTS HOT FOOT



893359K03

This feature allows for precise throttle control with a foot pedal. The use of the Hot Foot floor mounted foot throttle will allow the driver to operate with both hands on the steering wheel while operating the throttle with the Hot Foot.

Switch button sold separately. Only used for DTS GEN I panel mount controls. Compatible with 892984A01 and 892984A02 panel mount controls.

SWITCH KIT- ON / OFF KIT



898259K01

This switch will allow you to turn the foot throttle on or off and has a light that will advise if it is on. The kit snaps into the current DTS Panel Mount controls.

This switch kit is designed for 2007 DTS applications and newer. To backfit to 2006 engines a DTS Command Module Harness is needed. Switch kit included in the 893359k03 kit. Used with DTS gen1, only purchased for service.

FOOT THROTTLE HELM KIT

Image not Available.

98-**8M0169383**

Module hotfoot, dash button, and harness used with single and multi engine DTS gen2 hotfoot, panel, console, shadow, ZE. Must purchase additional kit 893359K01.

CONTROLS-CONSOLE-SINGLE

SLIM BINACLE CONTROL WITH NO TRIM



8M0079290

The single engine DTS Electronic Remote Control (ERC) features include: Start/stop button, dock mode button, helm transfer button, throttle only function button and a Mercury global dimming button.

This control is designed for 2007 DTS engines and newer. This control is a non-trim control.

DTS-SLIM CONSOLE-SINGLE-TRIM



8M0079291

The single engine DTS Electronic Remote Control (ERC) features include: Start/stop button, dock mode button, helm transfer button, throttle only function button and a Mercury global dimming button.

This control is designed for 2007 DTS engines and newer.

SINGLE ENGINE CONSOLE DTS ERC W/TRIM



8M0163917

This DTS single engine console Electronic Remote Control (ERC) features: Throttle only, engine start/stop, helm transfer, global dimming, active trim, profile select LED indicators, and mounting hardware. ERC included is programmed for single-helm configuration. GPS required for active trim feature.

SINGLE ENGINE CONSOLE DTS ERC - NO TRIM



8M0166583

This DTS single engine console Electronic Remote Control (ERC) features: Throttle only, engine start/stop, helm transfer, global dimming, and mounting hardware. ERC included is programmed for single-helm configuration.

SINGLE ENGINE CONSOLE DTS ERC W/TRIM - ELECTRIC STEERING



8M0166584

This DTS single engine console Electronic Remote Control (ERC) features: Throttle only, engine start/stop, helm transfer, global dimming, active trim, profile select LED indicators, mounting hardware, and quick steer button for vessels with single outboard electric steering. ERC included is programmed for single-helm configuration. GPS required for active trim feature.

CONTROLS-CONSOLE DUAL

DUAL ENGINE DTS ERC



8M0133240

This DTS dual handle Electronic Remote Control (ERC) for dual engine installs includes these features: Throttle only, 1 lever mode, helm transfer, Mercury global dimming, trim all engines, individual engine trim, start/stop all engines, individual engine start/stop, and a neutral indicator light. This control also has Mercury's active trim integrated into the ERC itself.

DTS Controls

DUAL ENGINE DTS ERC NO TRIM



8M0133242

This DTS dual handle Electronic Remote Control (ERC) for dual engine installs includes these features: Throttle only, 1 Lever Mode, Helm transfer, Mercury global dimming, start/stop all engines, individual engine start/stop, and a neutral indicator light.

DTS Controls

DIGITAL THROTTLE AND SHIFT REMOTE CONTROLS

PREMIER DUAL ENGINE DTS ERC



8M0133243

This DTS dual handle Electronic Remote Control (ERC) for dual engine installs includes these features: Throttle only, 1 lever mode, helm transfer, Mercury global dimming, trim all engines, individual engine trim, start/stop all engines, individual engine start/stop, and a neutral indicator light. This control also has Mercury's active trim integrated into the ERC itself, as well as an integrated display that will provide select informational pop-ups and feature status indicators.

DTS Controls

TRIPLE/ QUAD- CONTROLS

TRIPLE ENGINE DTS ERC



8M0133244

This DTS dual handle Electronic Remote Control (ERC) for triple engine installs includes these features: Throttle only, 1 Lever Mode, Helm transfer, Mercury global dimming, trim all engines, individual engine trim, start/stop all engines, individual engine start/stop, and a neutral indicator light. This control also has Mercury's Active trim integrated into the ERC itself.

DTS Controls

PREMIER TRIPLE ENGINE DTS ERC



8M0133245

This DTS dual handle Electronic Remote Control (ERC) for triple engine installs includes these features: Throttle only, 1 Lever Mode, Helm transfer, Mercury global dimming, trim all engines, individual engine trim, start/stop all engines, individual engine start/stop, and a neutral indicator light. This control also has Mercury's Active trim integrated into the ERC itself, as well as an integrated display that will provide select informational pop-ups and feature status indicators.

DTS Controls

QUAD ENGINE DTS ERC



8M0133246

This DTS dual handle Electronic Remote Control (ERC) for quad engine installs includes these features: Throttle only, 1 Lever Mode, Helm transfer, Mercury global dimming, trim all engines, individual engine trim, start/stop all engines, individual engine start/stop, and a neutral indicator light. This control also has Mercury's Active trim integrated into the ERC itself.

DTS Controls

PREMIER QUAD ENGINE DTS ERC



8M0133247

This DTS dual handle Electronic Remote Control (ERC) for quad engine installs includes these features: Throttle only, 1 Lever Mode, Helm transfer, Mercury global dimming, trim all engines, individual engine trim, start/stop all engines, individual engine start/stop, and a neutral indicator light. This control also has Mercury's Active trim integrated into the ERC itself, as well as an integrated display that will provide select informational pop-ups and feature status indicators.

DTS Controls

CONTROLS-YACHT

DTS TRACK PADS

DASH MOUNTED CAN TRACK PAD



87-**889305T01**

Dash mounted CAN track pad that allows all the functions that are present with the controls but mounted on the dash. Ideal for use with Yacht controls. Track pad functions include Warm Up, Dock, 1 Lever Mode, Helm Transfer, Sync, Troll, Neutral Indicator and + and - for user control.

Gen I (2007) DTS engines and newer

REMOTE DASH PAD-SMARTTOW



87-**889305T02**

Remote Dash Pad provides a solution for hard-to-reach gauge installations by allowing the user to remotely navigate between VesselView, SC1000 Tach, SC1000 Speed, and new MercMonitor gauges. For tow sport applications, the pad also allows direct access to SmartTow® functionality by providing a dedicated On/Off button.

Navigate seamlessly between SC1000 Tach & Speed,VesselView and MercMonitor.

ZERO EFFORT CONTROLS

ZERO EFFORT DIGITAL CONTROL



8M0085615

Top mounted 2 lever digital shift/shift remote control. Lever knobs are clear anodized. Port mount.

For use with Race outboards and stern drive engines equipped with DTS (digital throttle and shift).

SINGLE ENGINE LCM ZERO EFFORT KIT

Image not Available.

98-**8M0171388**

Single Engine Legacy Control Module enables Zero Effort Controls to become compatible with Next Gen DTS Harnessing.

DUAL ENGINE LCM ZERO EFFORT KIT

Image not Available.

98-**8M0165552**

Dual Legacy Control Module enables Zero Effort Controls to become compatible with Next Gen DTS Harnessing.

TRIPLE ENGINE LCM ZERO EFFORT KIT

Image not Available.

84-**8M0169308**

Triple Legacy Control Module enables Zero Effort Controls to become compatible with Next Gen DTS Harnessing.

QUAD ENGINE LCM ZERO EFFORT KIT

Image not Available.

84-**8M0169311**

Quad Legacy Control Module enables Zero Effort Controls to become compatible with Next Gen DTS Harnessing.

HARNESS ASY-ZERO EFFORT 2 LEVER CONTROLS



84-**891963A01**

Included in all Zero Effort Control kits.

2004 and newer Models

EXTENSION HARNESS



84-**8M8026041**

7 ft. wiring extension harness for shift function. Labeled lever 1.

For use with Race DTS (digital throttle and shift) 14 pin data harnesses.

ZERO EFFORT R.C. EXTENTION HARNESS - 3'

Image not Available.

84-**8M0169399**

Zero effort remote control extension harness, 3 ft.

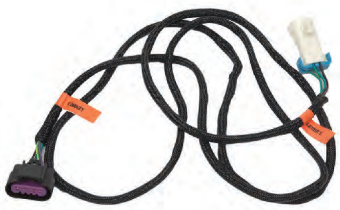
LEVER 2 HARNESS ASSEMBLY



84-**8M0192269**

Lever 2 Harness assembly

EXTENSION HARNESS



84-**8M0192270**

7 ft. length wiring extension harness for throttle function. Labeled lever 3.
For use with Race DTS (digital throttle and shift) 14 pin data harnesses.

EXTENSION HARNESS



84-**8M0192271**

7 ft. length wiring extension harness for throttle function. Labeled lever 4.
For use with Race DTS (digital throttle and shift) 14 pin data harnesses.

MECHANICAL REMOTE CONTROLS

MPC 4000 PANEL MOUNT REMOTE CONTROLS (GEN II)

The Panel Mount Controls are applicable for outboard and MCM/MIE engines. The handle is designed to provide optimal ergonomic use while the best-in-class mechanics offer smooth operation, improved responsiveness and increased strength. All panel mount controls have an integral lanyard stop switch which is sealed for water resistance. The power trim models incorporate a single rocker type trim switch in handle for ease of operation.

MPC PANEL-GEN II- FINGER RELEASE-O/B



8M0011213

The Panel Mount control features a black handle and comes with a 4ft. (1.22 m) trim harness with the 3 pin molex connector. All installations require a separate Ignition/Choke assembly and T/S cables to complete the installation. The neutral safety switch leads are 6.5 ft.(1.98 m)and have a bullet connector on the ends. The lanyard switch leads also have bullet style connector ends.

The control fits all current Mercury/Mariner outboards (with integral trim) and 1993 and newer Force outboards 40 HP and higher utilizing Mercury style cables (with power trim).
The control uses GEN II T/S cables.

MPC PANEL-GEN II- FINGER RELEASE-MCM/MIE



8M0011214

The Panel Mount control features a black handle and comes with a 4ft. (1.22 m) trim and trailer switch harness with the 4 pin molex connector. All installations require a separate Ignition/Choke assembly and T/S cables to complete the installation. The neutral safety switch leads are 6.5 ft. (1.98 m) and have a bullet connector on the ends. The lanyard switch leads also have bullet style connector ends. Must use Gen II Throttle/Shift cables. (897978A__)
The power trim extension harness also needs to be ordered separately:
(84-817659T01 & 84-881125A1 = 4 pin Molex to traditional Mercury 3 blade P/T connector)
(84-865772T01 & 84-865772T02 = 4 pin Molex to the Packard 3 pin P/T connector)

Fits all current MCM and Mercury/Mariner 3.4L outboards with external trim cylinders.

MPC PANEL-GEN II- FINGER RELEASE-O/B NO TRIM



8M0011212

The Panel Mount control features a black handle and is designed for outboard engines w/o power trim. All installations require a separate Ignition/Choke assembly and T/S cables to complete the installation. The power trim adapter harness is included to convert 3 pin molex connector to the traditional 3 blade Mercury connector. The neutral safety switch leads are 6.5 ft. (1.98 m) long and have bullet connectors on the ends. The lanyard switch leads also have bullet connectors on the ends.

Used on Outboard engines only - Non Trim versions. The control must use GEN II T/S cables.

MPC PANEL-GEN II- FINGER RELEASE-MCM/MIE NO TRIM

8M0011215

The Panel Mount control features a black handle and is designed for MCM/MIE engines w/o power trim. All installations require a separate Ignition/Choke assembly and T/S cables to complete the installation. The power trim adapter harness is included to convert 3 pin molex connector to the traditional 3 blade Mercury connector. The neutral safety switch leads are 6.5 ft. (1.98 m) long and have bullet connectors on the ends. The lanyard switch leads also have bullet connectors on the ends.

This control is designed for MIE and MCM engines.
The control must use GEN II T/S cables.

MPC PANEL-GEN II- FINGER RELEASE-O/B (CHROME)



8M0030550

The Panel Mount control features a chrome handle and comes with a 4ft. (1.22 m) trim harness with the 3 pin molex connector. All installations require a separate Ignition/Choke assembly and T/S cables to complete the installation. The neutral safety switch leads are 6.5 ft. (1.98 m) and have a bullet connector on the ends. The lanyard switch leads also have bullet style connector ends.

The control fits all current Mercury/Mariner outboards (with integral trim) and 1993 and newer Force outboards 40 HP and higher utilizing Mercury style cables (with power trim).
The control uses GEN II T/S cables.

MPC PANEL-GEN II- FINGER RELEASE-MCM (CHROME)



8M0030551

The Panel Mount control features a chrome handle and comes with a 4ft. (1.22 m) trim and trailer switch harness with the 4 pin molex connector. All installations require a separate Ignition/Choke assembly and T/S cables to complete the installation. The neutral safety switch leads are 6.5 ft. (1.98 m) and have a bullet connector on the ends. The lanyard switch leads also have bullet style connector ends. Must use Gen II Throttle/Shift cables. (897978A__)
The power trim extension harness also needs to be ordered separately:
(84-817659T01 & 84-881125A1 = 4 pin Molex to traditional Mercury 3 blade P/T connector)
(84-865772T01 & 84-865772T02 = 4 pin Molex to the Packard 3 pin P/T connector)

Fits all current MCM and Mercury/Mariner 3.4L outboards with external trim cylinders.

PANEL MOUNT REMOTE CONTROL-GEN II- LOCK BAR



883710A02

The Panel Mount control features a chrome handle and comes with a 4ft. (1.22 m) trim harness with the 3 pin molex connector. All installations require a separate Ignition/Choke assembly and T/S cables to complete the installation. The neutral safety switch leads are 6.5 ft. (1.98 m) and have a bullet connector on the ends. The lanyard switch leads also have bullet style connector ends.

The control fits all current Mercury/Mariner outboards (with integral trim) and 1993 and newer Force outboards 40 HP and higher utilizing Mercury style cables (with power trim).
The control uses GEN II T/S cables.

883710A03

The Panel Mount control features a chrome handle and comes with a 4ft. (1.22 m) trim and trailer switch harness with the 4 pin molex connector. All installations require a separate Ignition/Choke assembly and T/S cables to complete the installation. The neutral safety switch leads are 6.5 ft. (1.98 m) and have a bullet connector on the ends. The lanyard switch leads also have bullet style connector ends. Must use Gen II Throttle/Shift cables. (897978A__)
The power trim extension harness also needs to be ordered separately:
(84-817659T01 & 84-881125A1 = 4 pin Molex to traditional Mercury 3 blade P/T connector)
(84-865772T01 & 84-865772T02 = 4 pin Molex to the Packard 3 pin P/T connector)

Fits all current MCM and Mercury/Mariner 3.4L outboards with external trim cylinders.

883710A01

The Panel Mount control features a chrome handle and is designed for outboard engines w/o power trim. All installations require a separate Ignition/Choke assembly and T/S cables to complete the installation. The power trim adapter harness is included to convert 3 pin molex connector to the traditional 3 blade Mercury connector. The neutral safety switch leads are 6.5 ft. (1.98 m) long and have bullet connectors on the ends. The lanyard switch leads also have bullet connectors on the ends.

Used on Outboard engines only - Non Trim versions.
The control uses GEN II T/S cables.

MCC 4500 CONSOLE MOUNT - SINGLE ENGINE (GEN II)

The single station console controls are applicable for outboard and MCM/MIE engines. The handle is designed to provide optimal ergonomic use while the best-in-class mechanics offer smooth operation, improved responsiveness and increased strength. The throttle only button is located at the base of handle.

CONSOLE MOUNT SINGLE OB - NO TRIM



8M4507540

Single Console Mount for Outboard. Chrome, no trim. New Mechanical Remote Control with neutral lock.

New lever supports ABYC P14.5.7 requirements which went into effect July 1st, 2022.

CONSOLE MOUNT SINGLE OB TRIM



8M4507538

Single Console Mount for Outboard with Trim, Chrome. New Mechanical Remote Control with neutral lock.

New lever supports ABYC P14.5.7 requirements which went into effect on July 1st, 2022.

CONSOLE MOUNT SINGLE OB TRIM - BLACK



8M4507541

Single Console Mount for Outboard with trim, Black. New Mechanical Remote Control with neutral lock.

New lever supports ABYC P14.5.7 requirements which went into effect July 1st, 2022.

CONSOLE MOUNT SINGLE MCM TRIM



8M4507539

Single Console Mount for MerCruiser Marine with trim. New Mechanical Remote Control with neutral lock.

New lever supports ABYC P14.5.7 requirements which went into effect July 1st, 2022.

SPACER KIT FOR 4500 SINGLE CONTROLS



98-**8M0075237**

Allows the control to be raised approximately 2 inches for applications that require clearance with handle movement.

Used only with newer 8M0059686, 8M0060783 and 8M0060782 single handle consoles.

RETRO KIT FOR SINGLE CONSOLE CONTROLS



8M0061334

This kit allows you to convert the housing and bracket on the older single handle control.

Single Handle Console Conversion Kit for older version to look like 8M0059686, 8M0060783, 8M0060782 models.

MCC 4500 CONSOLE MOUNT - DUAL ENGINE (GEN II)

The single station dual handled console controls are applicable for outboard and MCM/MIE engines. The handles are designed to provide optimal ergonomic use while the best-in-class mechanics offer smooth operation, improved responsiveness and increased strength. The throttle only button is located at the base of the handle.

CONSOLE MOUNT REMOTE CONTROL-GEN II



8M0075244

This control is designed for dual MIE inboards & outboards w/o power trim. All installations require an Ignition/Choke assembly and T/S cables to complete the installation.

This control fits MIE inboards and all current Mercury/Mariner outboards(without power trim), and 1993 and newer Force outboards 40 HP and higher utilizing Mercury style cables (without power trim).
Must use Gen II T/S cables for the installation.

CONSOLE REMOTE CONTROL-GEN II-DUAL



8M0075245

This control features a single trim switch in the port handle for simultaneous dual engine trim and trailering. There are individual engine trim buttons in the cover. All installations require a Ignition/Choke assembly and T/S cables to complete the installation.

This control fits all current Mercury/Mariner outboards (with integral trim) and 1993 and newer Force outboards 40 HP and higher utilizing Mercury style cables (with power trim).
Must use GEN II T/S cables.

CONSOLE MOUNT REMOTE CONTROL-GEN II



8M0075246

This control features a single trim switch in the port handle for simultaneous dual engine trim and trailering. There are individual trim buttons in the cover. All installations require T/S cables to complete the installation.

The control will need Power trim harness, 4 pin Molex connector to the Packard 3 pin connector 84-865772T01 or T02
This control will use GEN II T/S cables.
Fits all MCM applications.

SPACER KIT FOR 4500 DUAL CONTROLS



8M0085790

The spacer will raise the control approximately 2 in. for the applications that require clearance with handle movement.

Used only with 8M0075244, 8M0075245, 8M0075246 dual handle console controls.

RETRO KIT FOR DUAL CONSOLE CONTROLS



8M0085733

This kit will allow you to convert the housing and bracket of older style dual consoles to resemble current dual console mount controls.

Dual Handle Conversion Kits for older version to look like 8M0075244, 8M0075245, 8M0075246 models.

MSC 4000 SIDE MOUNT - ELECTRIC, POWER TRIM

These controls provide a smooth shift/load feel and an improved aesthetics. The control utilizes a 14 pin connector wiring harness and lanyard stop switch. The power trim models incorporate a single rocker type trim/trailer switch in the handle.This control is not for use with engines that have counter rotating lower units. Older engines may require a harness adapter.

SIDE MOUNT REMOTE CONTROL-14 PIN



8M0176287

This control features a handle mounted power trim switch and a 15 ft. (4.58 m) harness with 14 pin Deutsch connector. The control will connect to the engine models below without the use of an adapter harness.

For 2006 and newer non DTS 25-300 HP Outboard engines. GEN II cables must be used. CANP 2pin connection for SmartCraft added. Must purchase additional 2pin resistor 893388A01.

8M0176288

This control features a handle mounted power trim switch and a 20 ft. (6.1 m) harness with 14 pin Deutsch connector. The control will connect to the engine models below without the use of an adapter harness.

For 2006 and newer non DTS 25-300 HP Outboard engines. GEN II cables must be used. CANP 2pin connection for SmartCraft added. Must purchase additional 2pin resistor 893388A01.

SIDE MOUNT REMOTE CONTROL- 8 PIN TRADITIONAL

Image not Available.

8M0176294

This control features a handle mounted power trim switch, 15 ft. (4.58 m) harness, built-in warning horn and power trim leads for front mount switch.

Fits all current Mercury/Mariner outboards (with integral power trim) and 1993 and newer Force outboards 40 HP and higher utilizing Mercury style cables (with power trim). When used with MY2005 and newer 8/9.9/15/20 FourStroke outboards an adapter harness is required. For MY2005 and newer 8/9.9 FourStroke outboards SAE T/S cables must be used. GEN II cables must be used.

SIDE MOUNT REMOTE CONTROL- 8 PIN TRADITIONAL



8M0176295

This control features a handle mounted power trim switch, 20 ft. (6.1 m) harness, built-in warning horn and includes power trim leads for front mount switch.

Fits all current Mercury/Mariner outboards (with integral power trim) and 1993 and newer Force outboards 40 HP and higher utilizing Mercury style cables (with power trim). When used with MY2005 and newer 8/9.9, 15/20 FourStroke outboards an adapter harness is required. For MY2005 and newer 8/9.9 FourStroke outboards SAE T/S cables must be used. GEN II cables must be used.

SIDE MOUNT REMOTE CONTROL- 8 PIN AMP

8M0103449

This control features a handle mounted power trim switch, 15 ft. (4.58 m) harness with Amp 8-pin connector. The control will connect to the engine models below without the use of an adapter.

Used on MY2005 and newer, 8/9.9, 15/20 FourStroke engines with electric start and power trim. For 8/9.9 FourStroke engines generation change above S/N OR192772 and 15/20 FourStroke engines will use GEN I cables. GEN II cables must be used on other engines.

SIDE MOUNT REMOTE CONTROL

8M0176297

This control features a handle mounted power trim switch, 15 ft. (4.58 m) harness with push to choke 14-pin connector. Push to choke key may require additional engine adapter.

Fits all current Mercury/Mariner outboards 6 HP and above and 1993 and newer Force outboards 40 HP and above (with power trim). GEN II cables must be used.

8M0176291

This control features a handle mounted power trim switch, 20 ft. (6.1 m) harness with Amp 10-pin connector. The control will connect to the engine models below without the use of an adapter harness.

Used on MY2005 and newer, 8/9.9, 15/20 FourStroke engines with electric start and power trim. For 8/9.9 FourStroke engines generation change above S/N OR192772 and 15/20 FourStroke engines will use GEN I cables. GEN II cables must be used on other engines.

REMOTE CONTROL W/ TRIM



8M0178539

Stackable 4000 SMC Remote Control with power trim. This side mount control is for mounting on the port side and controlling with the left hand. This control features a handle mounted power trim switch and 15ft. (4.58m) harness with 14 pin Deutsche connector.

For 2006 and newer non DTS 25-300 HP Outboard engines. GEN I cables must be used. No adapter harness required.

REMOTE CONTROL 4000 SMC W/ POWER TRIM



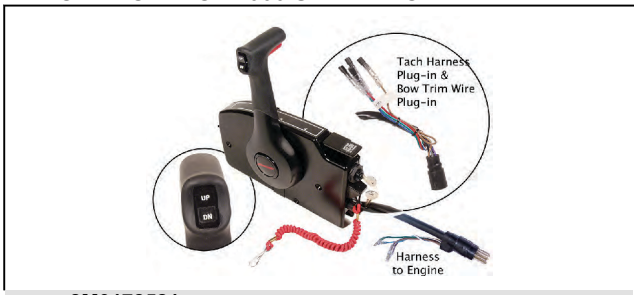
8M0178536

Stackable remote control 4000 SMC with power trim

8M0178537

Stackable remote control 4000 SMC with power trim

REMOTE CONTROL 4000 SMC W/ POWER TRIM



8M0178521

Stackable 4000 SMC remote control with power trim

8M0178524

Stackable remote control 4000 SMC with power trim

SIDE MOUNT REMOTE CONTROL



8M0178533

Side Mount remote control, 4000 SMC, 15 ft.

881170A11

This control features a handle mounted power trim switch, 20 ft. (6.1 m) harness with Amp 10-pin connector. The control will connect to the engine models below without the use of an adapter harness.

Used on MY2005 and newer, 8/9.9, 15/20 FourStroke engines with electric start and power trim. For 8/9.9 FourStroke engines generation change above S/N OR192772 and 15/20 FourStroke engines will use GEN I cables. GEN I cables must be used on other engines.

REMOTE CONTROL ADAPTER HARNESS



84-892473A01

Converts the traditional Mercury connector to an amp 8-pin connector. Converts side mount controls 881170A 3, 15, 16 and the 816626A_ series ignition keyswitch harness to connect to the MY2005 and newer 8/9.9 hp. FourStroke outboard.

MY2005 and newer 8/9.9 hp. FourStroke outboard and the 15/20 hp. FourStroke (351cc) outboard when a 8 pin side mount control or keyswitch harness is used.

HARNESS EXTENSION- 10 PIN



84-8M0058668

This harness extension will allow you to increase the length by 6 feet of the 10 pin drop for instruments. The extension will work with Side Mount controls as well as any 896537 series main engine/boat harness.

MSC 4000 SIDE MOUNT - ELECT, NON-POWER TRIM

The 8M0083860 is not "push to choke" and has a 14 pin connector wiring harness, lanyard stop, throttle only feature. This control also requires Gen II throttle and shift cables, is starboard mounted and not stackable.
The remainder of controls 8M0178526, 881170A5, 881170A7, 8M0178535 can be mounted starboard or port side and are stackable. They offer "push to choke" ignition switch, 8 pin connector wiring harness, lanyard stop switch, separate neutral warm-up lever and requires Gen I throttle and shift cables. All controls have a 5 pin accessory plug for tachometer and an adjustable throttle friction. These controls are not for use with engines that have counter rotating lower units. Older engines may require an adapter harness.

SIDE MOUNT REMOTE CONTROL- 14 PIN



8M0176289

This control features non - power trim and a 15ft. (4.58m) harness with 14 pin Deutsch connector.

Fits all current Mercury/Mariner Outboards 6 HP and above (without power trim), and 1993 and newer Force Outboards 40 HP and higher utilizing Mercury cables (without power trim). When used with a MY2005 and newer 8/9.9, 15/20 FourStroke Outboard an adapter harness is required. 2 pin connector is now included to allow for use of SmartCraft accessories with analog gauges. Gen II cable must be used.

SIDE MOUNT REMOTE CONTROL

8M0103451

This control features a non - trim handle and a 15 ft. (4.58 M) harness with amp connector and will direct connect to the engine models below without the use of an adapter harness.

For MY2005 and newer, 8/9.9, 15/20 HP FourStroke Outboards with electric start and non-trim. For MY2005 and newer 8/9.9 FourStroke Outboards SAE T/S cables must be used. For 8/9.9 FourStroke engines generation change above S/N OR192772 and 15/20 FourStroke engines will use GEN I cables. GEN II cables must be used on other engines.

8M0103454

This control features a non-power trim handle, 15 ft.(4.58 m) harness and built-in warning horn.

Fits all current Mercury/Mariner Outboards 6 HP and above (without power trim) and 1993 and newer Force Outboards 40 HP and higher utilizing Mercury style cables (with power trim). For MY2005 and newer 8/9.9 FourStroke Outboards SAE T/S cables must be used. For 8/9.9 FourStroke engines generation change above S/N OR192772 and 15/20 FourStroke engines will use GEN I cables. When used with a MY2005 and newer 8/9.9, 15/20 FourStroke Outboard an Adapter harness is required. GEN II cables must be used on other engines.

SIDE MOUNT REMOTE CONTROL- 14 PIN



881170A16

For non-power trim models, 15 ft.(4.58 m) harness and built-in warning horn. New design with soft grip. Ref. Throttle/shift cable Gen I - 897977A__. Throttle/Shift cables (896143A) for MY2005 and newer 8/9.9 FourStroke outboards. 8-9.9 4 Stroke engines generation change above S/N OR192772 and new 15/20 4 Stroke engines will use Gen I series T/S cables.

Fits all current Mercury/Mariner outboards 6 hp. and above (without power trim), and 1993 and newer Force outboards 40 hp and higher utilizing Mercury style cables (with power trim). When used with a MY2005 and newer 8/9.9/15/20 FourStroke outboard an adapter harness 892473A01 is required. Gen I cable must be used with this control.

REMOTE CONTROL W/ TRIM



8M0178526

Stackable 4000 SMC Remote Control with power trim

SIDE MOUNT REMOTE CONTROL

881170A 5

This control features a non - powered trim handle with a 15 ft. (4.58 m) harness. This control does not have a warning horn and features push throttle cable operation.

Fits Mercury/Mariner Outboards 20/25 HP (U.S. S/N 0G044026 and below; Belgium S/N 9807908 and below). GEN I cables must be used.

SIDE MOUNT REMOTE CONTROL



881170A 7

This control features a non - power trim handle with a 15 ft. (4.58 m) harness. This control does not have a warning horn.

Fits Mariner 30 to 55 HP (Japanese origin) except 30/40 HP (2 cylinder) with integral oil injection. GEN I cables must be used.

REMOTE CONTROL- NO TRIM



8M0178535

Side Mount remote control, 4000 SMC, no trim.

MSC 4000 SIDE MOUNT - MANUAL START, W/ SWITCH

These controls are for Outboard engines and can be mounted on the Port or Starboard side. These controls feature an ignition stop switch and lanyard stop switch only.

SIDE MOUNT REMOTE CONTROL



881170A 4

This control is for manual start models and has a 20 ft. (6.1 m) harness. The control features a Toggle switch for remote shut off of the engine.

Fits current pull style throttle, manual start Mercury/Mariner 6/25 HP, 30/40 HP (2 cylinder- U.S. origin), 40 (3 & 4 cylinder) to 45 HP, 8/9.9, 15/20 HP FourStroke models (1996 and newer), and Force 25 HP (3 cylinder). For MY2005 and newer 8/9.9 FourStroke Outboards SAE T/S cables must be used. For 8/9.9 FourStroke engines generation change above S/N OR192772 and 15/20 FourStroke engines will use GEN I cables. GEN I cables must be used on other engines.

881170A 6

This control is for manual start models and has a 20 ft.(6.1 m) harness. This control features a push throttle cable operation and a Toggle switch for remote shut off of the engine.

Fits older push style throttle Mercury/Mariner 20/25 HP (U.S. S/N 0G044026 and below; Belgium S/N 9807908 and below) and Force 9.9/15 HP (1997 and older).

MSC 4000 SIDE MOUNT - MANUAL START W/ NO SWITCH

These controls are for Outboard engines and can be mounted on the Port or Starboard side. The controls do not include switches or harness.

SIDE MOUNT REMOTE CONTROL



881170A 8

This control is for manual start models.

Fits Mercury/Mariner 4/5 HP and Mariner 8/55 HP (2 cylinder). GEN I cables must be used.

MSC 4000 SIDE MOUNT - ACCESSORIES

DUAL ENGINE MOUNT KIT



16909A 2

This kit contains all necessary hardware for mounting or stacking two controls together for dual engine installations.

REMOTE CONTROL SPACER PLATE



17063T

Included with Commander 2000/MSC 4000 side mount control. Generally, one spacer is adequate for most installations: however, two or more can be stacked to provide additional side clearance. Measures 1/2 in.(13 mm) thick.

REMOTE CONTROL SPACER PLATE



8M0114782

Spacer is included with the side mount control and is adequate for most installations. However, additional spacers may be stacked to provide additional side clearance.

This spacer kit is used with the updated silver control box side mount controls only.

COMMANDER SERIES CONSOLE MOUNT - SINGLE ENGINE

The control has an adjustable throttle friction and neutral detent. Power trim models incorporate a single toggle type trim switch in handle and trim harness.

CONSOLE MOUNT REMOTE CONTROL



88688A25

Comes with 4 ft.(1.22 m) trim harness. All installations require a separate Ignition/Choke assembly and Throttle/Shift Cables to complete the installation. Ref throttle/shift cables 897977A__ (adapter for 3 pin P/T - 84-898286T01).

Fits all current Mercury / Mariner outboards (with integral power trim), and 1993 and newer Force outboards 40 hp and higher utilizing Mercury style cables (with power trim).

CONSOLE MOUNT REMOTE CONTROL



88688A26

Comes with 20 ft.(6.1 m) trim harness and trailer switch. All installations require a separate Ignition Switch and Throttle/Shift Cables to complete the installation. Ref throttle/shift cables 897977A__

Fits all MCM/MIE and Mercury/Mariner 3.4L outboards with external trim cylinders.

CONSOLE MOUNT REMOTE CONTROL



88688A27

For non-power trim models. All installations require a separate Ignition/Choke assembly and Throttle/Shift Cables to complete the installation. Ref throttle/shift cables 897977A__

Fits all current Mercury / Mariner outboards (without power trim), and 1993 and newer Force outboards 40 hp and higher utilizing Mercury style cables (without power trim).

COMMANDER SERIES CONSOLE MOUNT - DUAL ENGINE

The control has an adjustable throttle friction and neutral detent.

CONSOLE MOUNT REMOTE CONTROL



88688A22

Comes with 4 ft.(1.22 m) trim harness. All installations require a separate Ignition/Choke assembly and Throttle/Shift Cables to complete the installation. Ref throttle/shift cables 897977A__

Fits all current Mercury / Mariner outboards (with integral power trim), and 1993 and newer Force outboards 40 hp and higher utilizing Mercury style cables (with power trim).

CONSOLE MOUNT REMOTE CONTROL



88688A23

Comes with 20 ft.(6.1 m) trim harness and trailer switch. All installations require a separate Ignition Switch and Throttle/Shift Cables to complete the installation. Ref throttle/shift cables 897977A__

Fits all MCM/MIE and Mercury/Mariner 3.4L outboards with external trim cylinders.

CONSOLE MOUNT REMOTE CONTROL



88688A24

For non-power trim models. All installations require a separate Ignition/Choke assembly and Throttle/Shift Cables to complete the installation. Ref throttle/shift cables 897977A__

Fits all current Mercury / Mariner outboards (without power trim), and 1993 and newer Force outboards 40 hp and higher utilizing Mercury style cables (without power trim).

JET DRIVE REMOTE CONTROLS

Must be used with Sport Jet due to the design of the jet drive. This is due to strength and mounting requirements. Any substitutions must meet ABYC/Coast Guard standards for mini jet boats.

ZERO EFFORT REMOTE CONTROLS

Starboard mounted FWD CANT controls can be rotated 180 degrees and installed in port mounted AFT CANT configuration. Likewise, starboard mounted AFT CANT controls can be rotated 180 degrees and installed in port mounted FWD CANT configuration. All controls with shift levers include a neutral safety switch for start in gear protection. Controls with trim switch are for starboard installation only. All levers are listed in left to right configurations. Order F5H208/__ or 64-820676A__ series cables separately.

ZERO EFFORT CONTROL



844464A30

2 throttle levers / Black/ FWD CANT (no trim)

Fits Mercury/Mariner and MCM/MIE.

ZERO EFFORT CONTROL



844466A70

3 throttle levers / White/ FWD CANT (w/ trim)

Fits Mercury/Mariner and MCM/MIE.

ZERO EFFORT CONTROL



844634A74

6 levers - 2 shift & 3 throttle & 1 shift/ White/ FWD CANT (w/ trim)

Fits Mercury/Mariner and MCM/MIE.

DIODE KIT



812497T03

Prevents feedback in the down trim circuits between multiple engines. Also need to order Diode Kit 812497A 4.

Required and only used on boats with "dual" engines when updating zero effort control levers without trim switches to levers with trim switches.

DIODE KIT



812497A 4

Prevents feedback in the up trim circuits between multiple engines. Also need to order Diode Kit 812497A 3. Blue Trim UP, Dual Diode, 1 Bullet In - 4 Bullet Out

Required and only used on boats with "dual" engines when updating zero effort control levers without trim switches to levers with trim switches.

DIODE KIT



812497A 5

Prevents feedback in the down trim circuits between multiple engines. Also need to order Diode Kit 812497A 6. Green Trim Down , Quad Diode, 1 Bullet In - 6 Bullet Out

Required and only used on boats with "triple" engines when updating zero effort control levers without trim switches to levers with trim switches.

DIODE KIT



812497A 6

Prevents feedback in the up trim circuits between multiple engines. Also need to order Diode Kit 812497A 5. Blue Trim Up , Quad Diode, 1 Bullet In - 6 Bullet Out

Required and only used on boats with "triple" engines when updating zero effort control levers without trim switches to levers with trim switches.

REMOTE CONTROL CONVERSION KITS

REMOTE CONTROL CONVERSION KIT

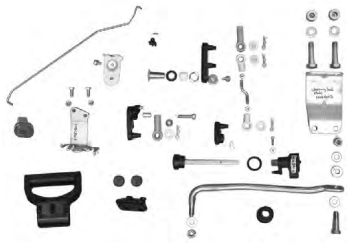


895284A01

Converts an electric start tiller handle outboard to an electric start remote throttle and shift operation. Suitable controls, throttle/shift cables and keyswitch harnessing are additionally required. The appropriate carburetor and the steering link rod attaching hardware are included in the kit.

Fits 9.9 hp. FourStroke, Model Year 2005-2006, both standard and BigFoot models requiring SAE ended throttle/shift cables. Serial Numbers JPN-0R042475-0R192771 & BEL-0P325500-0P513329.

REMOTE CONTROL CONVERSION KIT



895284A02

Converts a manual start tiller handle outboard to a manual start remote throttle and shift operation. Suitable controls, throttle/shift cables and stopswitch harnessing are additionally required. The steering link rod attaching hardware is included in the kit.

Fits 8/9.9 hp. FourStroke, Model Year 2005-2006, standard models requiring SAE ended throttle/shift cables. Serial Numbers JPN-0R042475-0R192771 & BEL-0P325500-0P513329.

REMOTE CONTROL CONVERSION KIT



889246A80

Converts an 8/9.9 hp. FourStroke MH (manual start tiller model) to a MRC (manual start remote control model).

Fits the 8/9.9 hp. FourStroke MH outboard, 209 cc., all calibrations requiring Mercury style ended throttle/shift cables.

REMOTE CONTROL CONVERSION KIT



889246A81

Converts a 9.9 hp. FourStroke EH (electric start tiller model) to a ERC (electric start remote control model). Remote controls and throttle/shift cables are required separate.

Fits the 9.9 hp. FourStroke EH outboard, 209 cc., EPA calibrations requiring Mercury style ended throttle/shift cables, JPN-0R192772 & newer.

REMOTE CONTROL CONVERSION KIT



889246A33

Remote control and throttle/shift cables are required separate. This kit converts an EH (electric start tiller) to an ERC (electric start remote control).

Fits the 25-30 Hp EFI FourStroke Outboard, serial number 0R106999 & above.

REMOTE CONTROL CONVERSION KIT



889246A34

Remote control and throttle/shift cables are required separate. This kit converts an MH (manual start tiller) to an MRC (manual start remote control).

Fits the 25-30 Hp EFI FourStroke Outboard, serial number 0R106999 & above.

REMOTE CONTROL CONVERSION KIT



880095A08

Converts an electric start tiller model to an electric start remote model. Suitable remote controls are required separate.

Fits Mercury 40 hp (3 cylinder) FourStroke EFI outboards (CHN-1C049739 & above) and 40/50/60 hp (4 cylinder) FourStroke EFI outboards (CHN-1C050252 & above).

REMOTE CONTROL CONVERSION KIT



880095A11

Converts a 15 Hp. FourStroke outboard from an EH (electric tiller) model to an ERC (electric remote control) model. Remote controls, cables, etc. are not included in this kit. Power trim models require additional trim harness kit 84-856554A02.

Fits the 15 Hp. FourStroke EH outboard, 351cc., 0R235949 and above.

REMOTE CONTROL CONVERSION KIT



880095A12

Converts a 20 Hp. FourStroke outboard from an EH (electric tiller) model to an ERC (electric remote control) model. Remote controls, cables, etc. are not included in this kit. Power trim models require additional trim harness kit 84-856554A02.

Fits the 20 Hp. FourStroke EH outboard, 351cc., 0R235168 and above.

POWER TRIM HARNESS KIT



84-856554A02

Required to complete the conversion of the 15/20 Hp. FourStroke (351cc) outboard from a tiller handle power trim model to a remote controlled power trim model.

Fits the 15/20 Hp. FourStroke, 351cc., EHPT model outboard beginning with serial number 0R235168 and above.

REMOTE CONTROL CONVERSION KIT

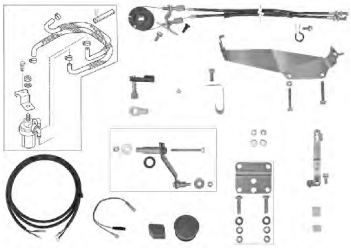


8M0172938

Also requires the addition of an Electrical Harness 17162. This kit will not fit engines equipped with integral fuel tank assemblies.

Fits Mercury/Mariner 4/5/6 hp. FourStroke outboards with remote fuel tanks, serial number 0R000001-0R411837.

REMOTE CONTROL CONVERSION KIT



8M0062241

Fits Mercury/Mariner 4/5/6 hp. FourStroke outboards, serial number 0R411838 and above.

REMOTE CONTROL ATTACHING KITS

REMOTE CONTROL ATTACHING KIT



42805A 6

Fits Mercury/Mariner 6/8/9.9 and 15 (U.S. origin).

REMOTE CONTROL ATTACHING KIT



859186A 1

Fits Mercury/Mariner 25 Hp Carb FourStroke outboard.

REMOTE CONTROL ATTACHING KIT



826557A 1

Fits Mercury/Mariner 30/40 (2-Stroke - 2 cyl. - U.S. origin)(1994 and newer)

REMOTE CONTROL ATTACHING KIT



859185A 1

Fits Mercury/Mariner 30/40 (4-Stroke), 3 cylinder, carbureted models through Model Year 2005, and fits the Mercury/Mariner 40 hp. (3 cyl.) FourStroke, Model Year 2006 carbureted models with short shaft and vertical shift.

REMOTE CONTROL ATTACHING KIT



859185A 2

Fits Mercury/Mariner 30/40 (4-Stroke), 3 cylinder, EFI models through Model Year 2005, and fits Mercury/Mariner 40 hp. (3 cyl.) FourStroke EFI models, Model Year 2006 with a short shaft and vertical shift.

REMOTE CONTROL ATTACHING KIT



859219A 1

This kit should be used with a remote steering attaching kit to provide complete remote control operation.

Fits Mercury/Mariner 40 hp. (USA 0G531301 and Newer, BEL 9973100 and Newer) and 50 (USA 0G590000 and Newer, BEL 9973100 and Newer).

REMOTE CONTROL ATTACHING KIT



880093A 1

Fits 2001 and newer Mercury 40 hp 4-Stroke Bigfoot and 50/60 hp 4-Stroke Carb outboards (s/n 0T178500 and up).

REMOTE CONTROL ATTACHING KIT



880093A 2

Fits 2002-2006 Mercury 40 hp 4-Stroke Bigfoot and 50/60 hp 4-Stroke EFI outboards (USA-0T409000-1B344306, BEL-0P401000-0P515896, CHN-1C000001-1C050251).

OUTBOARD RIGGING HOSE KIT

Used to enclose remote harness, hoses, cables, etc. between engine cowl and boat transom.

RIGGING TUBE KIT



8M0149598

Rigging Tube kit includes 5 ft. length (2 inch diameter x 2.3 threads per inch) tube that screws into the fitting coming out of the 3.4L V6 and 4.6L V8. Included in the kit is the plastic transom fitting that screws to the other end of the tube and can be fastened to the boat. Also included are the 3 different grommets that may be needed for different installations with the 3.4L or 4.6L engine platforms (CMS mech, CMS DTS, and AMS Verado).

3.4L and 4.6L outboard engines

32-**825191A03**

Rigging Tube kit includes 5 ft. length (2 inch diameter x 2.3 threads per inch) tube that screws into the fitting coming out of the Verado. If OptiMax engine, requires the use of the clamp to attach to fitting coming out of engine. Included in the kit is plastic transom fitting that screws to the tube and can be fastened to the boat.

2005 and newer Verado engines as well as all Opti Max engines

32-**8M0088822**

Rigging Tube kit includes 5 ft. length (2 inch diameter x 2.3 threads per inch) tube that screws into the fitting coming out of the engine. Includes new grommet 8M0075942 that is used when installing rigging tubes. Remove existing grommet from cowl and replace with this grommet.

New 75-115 4 stroke

32-**8M0062693**

Rigging Tube kit includes 5 ft. length (2 inch diameter x 2.3 threads per inch) tube that screws into the fitting coming out of the engine. Includes new grommet 8M0061160 that is used when installing rigging tubes. Remove existing grommet from cowl and replace with this grommet.

Used on 150 EFI 4-Stroke engine only

GROMMET - INGRESS



8M0062583

Special Grommet used with Rigging Kits

150 HP 4 Stroke only

HOSE-60 INCHES



32-**8M0204713**

Rigging hose, 60 inches.

RIGGING HOSE

32-**859055 50**

Replacement Hose, furnished in a 50 ft. bulk length that can be cut to required length.

Fits various Mercury / Mariner V-6 outboards. See application chart for specific engine models.

Priced individually, sold @ multiples of 2

COWL FITTING



875266A 2

Used on engine end of rigging hose.

Fits various Mercury / Mariner V-6 outboards. Furnished standard with the engines beginning with model year 2,000. See application chart for specific engine models.

COWL FITTING



8M8027677

Used on engine end of rigging hose.

Fits various Mercury / Mariner V-6 outboards. Furnished standard with the engines beginning with model year 2,000.

RIGGING HOSE CHART

Mercury/Mariner Rigging Hoses

Model	Brand	Year Range	Country	Serial # Range	Rigging Hose Kit Part Number	Cowl Fitting Required
2.0L V-6	Mercury/Mariner	1996 - 1999	USA	0G303046 - 0G949999	32-825191A03	875266A 2
2.0L V-6	Mercury/Mariner	2000 - 2023	USA	0T065504 and up	32-825191A03	Incl. With Engine
2.5L V-6	Mercury/Mariner	1996 - 1999	USA	0G303046 - 0G949999	32-825191A03	875266A 2
2.5L V-6	Mercury/Mariner	2000 - 2023	USA	0T065504 and up	32-825191A03	Incl. With Engine
2.5L OPTIMAX	Mercury/Mariner	1998 - 1999	USA	0G590000 - 0G949999	32-825191A03	875266A 2
2.5L OPTIMAX	Mercury/Mariner	2000 - 2023	USA	0T065504 and up	32-825191A03	Incl. With Engine
3.0L V-6	Mercury/Mariner	1994 - 1999	USA	0D280813 - 0G949999	32-825191A03	875266A 2
3.0L V-6	Mercury/Mariner	2000 - 2023	USA	0T014000 and up	32-825191A03	Incl. With Engine
3.0L DFI	Mercury/Mariner	1997	USA	0G386496 - 0G589999	32-825191A03	875266A 2
3.0L OPTIMAX	Mercury/Mariner	1998 - 1999	USA	0G590000 - 0G949999	32-825191A03	8M8027677
3.0L OPTIMAX	Mercury/Mariner	2000 - 2023	USA	0T014000 and up	32-825191A03	Incl. With Engine
225 EFI FourStroke	Mercury/Mariner	2003 - 2023	USA	0T635945 and up	32-825191A03	Incl. With Engine
Verado	Mercury/Mariner	2005 - 2023	USA	0T980000 and up	32-825191A03	Incl. With Engine
150 EFI FourStroke	Mercury/Mariner	2011 - 2023	USA	1B905505 and up	32-8M0062693	Incl. With Engine

MORSE 33C SERIES CABLE ADAPTERS

CABLE ADAPTER



82779

To convert control end of Morse 33C style cable to 64-809894- cable application.

ADAPTER KIT -MERCURY (T/S)



64-**892790A01**

Adapts 33C style cables for use with Mercury engines- Includes 2 sets of parts for two cables

ADAPTER KIT -JOHNSON/EVINRUDE (T/S)



64-**892790A02**

Adapts 33C style cables for use with Johnson/Evinrude engines. Includes 2 sets of parts for two cables

CABLE ADAPTER KIT



898289A21

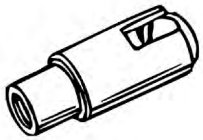
Converts an older SAE cable engine to accept Mercury style throttle/shift cables.
Fits the 8/9.9 hp. FourStroke (209cc) outboard, serial number 0R192771 and prior.

F5H208/__ THROTTLE AND SHIFT CABLES

Available in 1 ft.(305 mm) increments up to 26 ft.(7.9 m). Packaged two cables per carton. Connectors are not shipped with cables and must be purchased separately. Fits Force outboards (1992 and prior)

FORCE 1992 AND PRIOR CABLE CONNECTORS

SHIFT CABLE CONNECTOR



F58685-2

Fits Force outboards (1992 and prior)

TWO STATION THROTTLE & SHIFT CABLES ATTACHING KIT

For use with Dual station Two Lever Controls.

TWO STATION THROTTLE/SHIFT KIT



89645A37

For use in dual MerCruiser control stations. Includes hardware for attaching throttle and shift cables from both stations to the engine. Twin engines require two kits.
Fits MCM/MIE MPI models, except 4.5L and 6.2L (2015 and newer) and 8.2L engines

TWO STATION THROTTLE/SHIFT KIT



8M0046250

For use in dual MerCruiser control stations. Includes hardware for attaching throttle and shift cables from both stations to the engine. Twin engines require two kits.
Fits MCM/MIE 8.2L models

BULKHEAD FITTINGS AND BELLOWS KITS

BULKHEAD COMPRESSION FITTINGS



820675

Fits Sport-Jet 90/95/120 and 175 with 40 series cables. Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

SHIFT CABLE BELLOWS



877581A 5

For 40 series cable, installs on cable outside of transom.

Fits Sport-Jet 120XR2 and 175 (2000 and newer) with 40 series shift cables. Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

BULKHEAD BELLOWS KIT



850697A 2

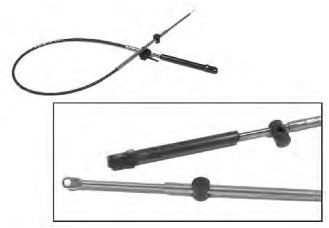
Fits Jet Drive models with 40 series cables

THROTTLE AND SHIFT CABLES

PLATINUM PLUS THROTTLE AND SHIFT CABLE GEN I

Platinum Plus Throttle and Shift cable is built for a long life and is designed for maximum performance in all weather conditions – even down to 0 degrees Fahrenheit.
Layered Technology Featuring -
- Tough Tough polypropylene outer jacket is UV and abrasion resistant
- 22 oil-tempered wires for increased compression strength and durability
- Lubricated core liner to stand up to the harsh marine environment while remaining flexible
- Patented hexagonal shape allows for minimal contact with the liner
- Stainless steel core is specially designed to handle tough compression loads, but flexible for severe applications

PLATINUM PLUS THROTTLE AND SHIFT CABLE



8M0082479
6 FT (1.8m) qty. 1
Gen I Controls

PLATINUM PLUS THROTTLE AND SHIFT CABLE, QTY. 1

8M0082480
7 FT (2.1m)
Gen I Controls

8M0082481
8 FT (2.4m)
Gen I Controls

8M0082482
9 FT (2.7m)
Gen I Controls

PLATINUM PLUS THROTTLE AND SHIFT CABLE

8M0082483
10 FT (3.0m), qty. 1
Gen I Controls

8M0082484
11 FT (3.4m), qty. 1
Gen I Controls

8M0082485
12 FT (3.7m), qty. 1
Gen I Controls

8M0082486
13 FT (4.0m), qty. 1
Gen I Controls

8M0082487
14 FT (4.3m), qty. 1
Gen I Controls

8M0082488
15 FT (4.6m), qty. 1
Gen I Controls

8M0082489
16 FT (4.9m), qty. 1
Gen I Controls

8M0082490
17 FT (5.2m), qty. 1
Gen I Controls

8M0082491
18 FT (5.5m), qty. 1
Gen I Controls

8M0082492
19 FT (5.8m), qty. 1
Gen I Controls

8M0082493
20 FT (6.1m), qty. 1
Gen I Controls

8M0082494
21 FT (6.4m), qty. 1
Gen I Controls

8M0082495
22 FT (6.7m), qty. 1
Gen I Controls

8M0082496
23 FT (7.0m), qty. 1
Gen I Controls

8M0082497
24 FT (7.3m), qty. 1
Gen I Controls

8M0082498
25 FT (7.6m), qty. 1
Gen I Controls

8M0082499
26 FT (7.9m), qty. 1
Gen I Controls

8M0082500
27 FT (8.2m), qty. 1
Gen I Controls

8M0082501
28 FT (8.5m), qty. 1
Gen I Controls

8M0082502
29 FT (8.8m), qty. 1
Gen I Controls

8M0082503
30 FT (9.1m), qty. 1
Gen I Controls

8M0082504
32 FT (9.4m), qty. 1
Gen I Controls

8M0082505
34 FT (10.4m), qty. 1
Gen I Controls

8M0082506
36 FT (11.0m), qty. 1
Gen I Controls

8M0082507
38 FT (11.6m), qty. 1
Gen I Controls

8M0082508
40 FT (12.2m), qty. 1
Gen I Controls

PLATINUM PLUS THROTTLE AND SHIFT CABLE GEN II

Platinum Plus Throttle and Shift cable is built for a long life and is designed for maximum performance in all weather conditions – even down to 0 degrees Fahrenheit.
Layered Technology Featuring -
- Tough polypropylene outer jacket is UV and abrasion resistant
- 22 oil-tempered wires for increased compression strength and durability
- Lubricated core liner to stand up to the harsh marine environment while remaining flexible
- Patented hexagonal shape allows for minimal contact with the liner
- Stainless steel core is specially designed to handle tough compression loads, but flexible for severe applications

PLATINUM PLUS THROTTLE AND SHIFT CABLE



8M0082526
3 FT (.92m)
Gen II Controls

8M0082527
4 FT (1.2m)
Gen II Controls

8M0082528
5 FT (1.5m)
Gen II Controls

8M0082529
6 FT (1.8m)
Gen II Controls

8M0082530
7 FT (2.1m)
Gen II Controls

8M0082531
8 FT (2.4m)
Gen II Controls

8M0082532
9 FT (2.7m)
Gen II Controls

8M0082533
10 FT (3.0m)
Gen II Controls

8M0082534
11 FT (3.4m)
Gen II Controls

8M0082535
12 FT (3.7m)
Gen II Controls

8M0082536
13 FT (4.0m)
Gen II Controls

8M0082537
14 FT (4.3m)
Gen II Controls

8M0082538
15 FT (4.6m)
Gen II Controls

8M0082539
16 FT (4.9m)
Gen II Controls

8M0082540
17 FT (5.2m)
Gen II Controls

8M0082541
18 FT (5.5m)
Gen II Controls

8M0082542
19 FT (5.8m)
Gen II Controls

8M0082543
20 FT (6.1m)
Gen II Controls

8M0082544
21 FT (6.4m)
Gen II Controls

8M0082545
22 FT (6.7m)
Gen II Controls

8M0082546
23 FT (7.0m)
Gen II Controls

8M0082547
24 FT (7.3m)
Gen II Controls

8M0082548
25 FT (7.6m)
Gen II Controls

8M0082549
26 FT (7.9m)
Gen II Controls

8M0082550
27 FT (8.2m)
Gen II Controls

8M0082551
28 FT (8.5m)
Gen II Controls

8M0082552
29 FT (8.8m)
Gen II Controls

8M0082553
30 FT (9.2m)
Gen II Controls

8M0082554
32 FT (9.8m)
Gen II Controls

8M0082555
34 FT (10.4m)
Gen II Controls

8M0082556
36 FT (11.0m)
Gen II Controls

8M0082557
38 FT (11.6m)
Gen II Controls

8M0082558
40 FT (12.2m)
Gen II Controls

8M0085107
10 FT (3.0m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085108
11 FT (3.4m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085109
12 FT (3.7m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085110
13 FT (4.0m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085111
14 FT (4.3m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085112
15 FT (4.6m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085113
16 FT (4.9m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085114
17 FT (5.2m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085115
18 FT (5.5m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085116
19 FT (5.8m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085117
20 FT (6.1m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085121
22 FT (6.7m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085122
23 FT (7.0m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085123
24 FT (7.3m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085124
25 FT (7.6m)
Gen II Controls
Priced individually, sold @ multiples of 24

8M0085125
26 FT (7.9m)
Gen II Controls
Priced individually, sold @ multiples of 24

GEN I/SAE PLATINUM PLUS THROTTLE AND SHIFT CABLES

Platinum Plus Throttle and Shift cable is built for a long life and is designed for maximum performance in all weather conditions – even down to 0 degrees Fahrenheit.
Layered Technology Featuring -
- Tough polypropylene outer jacket is UV and abrasion resistant
- 22 oil-tempered wires for increased compression strength and durability
- Lubricated core liner to stand up to the harsh marine environment while remaining flexible
- Patented hexagonal shape allows for minimal contact with the liner
- Stainless steel core is specially designed to handle tough compression loads, but flexible for severe applications

PLATINUM PLUS THROTTLE AND SHIFT CABLE GEN I SAE



8M0085942
5 FT (1.5m)
GEN I Controls

8M0085940
6 FT (1.8m)
GEN I Controls

8M0085964
7 FT (2.1m)
GEN I Controls

8M0085941
8 FT (2.4m)
GEN I Controls

8M0085946
9 FT (2.7m)
GEN I Controls

8M0085937
10 FT (3.0m)
GEN I Controls

8M0085951
11 FT (3.4m)
GEN I Controls

8M0085949
12 FT (3.7m)
GEN I Controls

8M0085952
13 FT (4.0m)
GEN I Controls

8M0085945
14 FT (4.3m)
GEN I Controls

8M0085960
15 FT (4.6m)
GEN I Controls

8M0085963
16 FT (4.9m)
GEN I Controls

8M0085956
17 FT (5.2m)
GEN I Controls

8M0085947
18 FT (5.5m)
GEN I Controls

8M0085954
19 FT (5.8m)
GEN I Controls

8M0085957
20 FT (6.1m)
GEN I Controls

8M0085962
21 FT (6.4m)
GEN I Controls

8M0085959
22 FT (6.7m)
GEN I Controls

8M0085958
23 FT (7.0m)
GEN I Controls

8M0085943
24 FT (7.3m)
GEN I Controls

8M0085939
25 FT (7.6m)
GEN I Controls

8M0085950
26 FT (7.9m)
GEN I Controls

8M0085944
27 FT (8.2m)
GEN I Controls

8M0085953
30 FT (9.1m)
GEN I Controls

GEN II/SAE PLATINUM PLUS THROTTLE AND SHIFT CABLES

Platinum Plus Throttle and Shift cable is built for a long life and is designed for maximum performance in all weather conditions – even down to 0 degrees Fahrenheit.
Layered Technology Featuring -
- Tough polypropylene outer jacket is UV and abrasion resistant
- 22 oil-tempered wires for increased compression strength and durability
- Lubricated core liner to stand up to the harsh marine environment while remaining flexible
- Patented hexagonal shape allows for minimal contact with the liner
- Stainless steel core is specially designed to handle tough compression loads, but flexible for severe applications

PLATINUM PLUS THROTTLE AND SHIFT CABLES GEN II SAE



8M0085966
5 FT (1.5m)
GEN II Controls

8M0085967
6 FT (1.8m)
GEN II Controls

8M0085968
7 FT (2.1m)
GEN II Controls

8M0085969
8 FT (2.4m)
GEN II Controls

8M0085970
9 FT (2.7m)
GEN II Controls

8M0085971
10 FT (3.0m)
GEN II Controls

8M0085972
11 FT (3.4m)
GEN II Controls

8M0085973
12 FT (3.7m)
GEN II Controls

8M0085974
13 FT (4.0m)
GEN II Controls

8M0085975
14 FT (4.3m)
GEN II Controls

8M0085976
15 FT (4.6m)
GEN II Controls

8M0085977
16 FT (4.9m)
GEN II Controls

8M0085978
17 FT (5.2m)
GEN II Controls

8M0085979
18 FT (5.5m)
GEN II Controls

8M0085980
19 FT (5.8m)
GEN II Controls

8M0085981
20 FT (6.1m)
GEN II Controls

8M0085982
21 FT (6.4m)
GEN II Controls

8M0085983
22 FT (6.7m)
GEN II Controls

8M0085984
23 FT (7.0m)
GEN II Controls

8M0085985
24 FT (7.3m)
GEN II Controls

8M0085986
25 FT (7.6m)
GEN II Controls

8M0085987
26 FT (7.9m)
GEN II Controls

8M0085988
27 FT (8.2m)
GEN II Controls

8M0085989
28 FT (8.5m)
GEN II Controls

8M0085990
29 FT (8.8m)
GEN II Controls

8M0085991
30 FT (9.1m)
GEN II Controls

SOLID CORE THROTTLE / SHIFT CABLES

Single core cables, 100% compatible with Gen I remote controls:
• Compatible with 881170-series side mount remote controls (MSC 4000)
• Compatible with 88688-series single and dual commander console mounts
• Services consoles prior to 1998
High quality cable features:
• Tight tolerance motion reaction
• 100% wire wrapped outer conduit for added cable strength
• Solid stainless steel inner core
• Sealed lubrication system
• Cable and packaging Mercury branded

SOLID CORE THROTTLE AND SHIFT CABLE



8M0080432
6 ft.

8M0080433
7 ft.

8M0080434
8 ft.

8M0080435
9 ft.

8M0080436
10 ft.

8M0080437
11 ft.

8M0080438
12 ft.

8M0080439
13 ft.

8M0080440
14 ft.

8M0080441
15 ft.

8M0080442
16 ft.

8M0080443
17 ft.

8M0080444
18 ft.

8M0080445
19 ft.

8M0080446
20 ft.

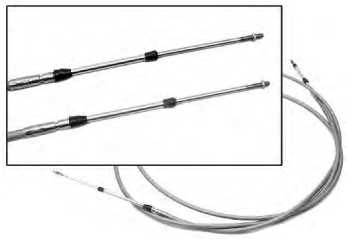
8M0080447
21 ft.

8M0080448
22 ft.

PLATINUM PLUS THROTTLE AND SHIFT CABLE SAE

Platinum Plus Throttle and Shift cable is built for a long life and is designed for maximum performance in all weather conditions – even down to 0 degrees Fahrenheit.
Layered Technology Featuring -
- Tough polypropylene outer jacket is UV and abrasion resistant
- 22 oil-tempered wires for increased compression strength and durability
- Lubricated core liner to stand up to the harsh marine environment while remaining flexible
- Patented hexagonal shape allows for minimal contact with the liner
- Stainless steel core is specially designed to handle tough compression loads, but flexible for severe applications

PLATINUM PLUS THROTTLE AND SHIFT CABLE



8M0082575
3 FT (.92m)
SAE Controls

8M0082576
4 FT (1.2m)
SAE Controls

8M0082577
5 FT (1.5m)
SAE Controls

8M0082578
6 FT (1.8m)
SAE Controls

8M0082579
7 FT (2.1m)
SAE Controls

8M0082580
8 FT (2.4m)
SAE Controls

8M0082581
9 FT (2.7m)
SAE Controls

8M0082582
10 FT (3.0m)
SAE Controls

8M0082583
11 FT (3.4m)
SAE Controls

8M0082584
12 FT (3.7m)
SAE Controls

8M0082585
13 FT (4.0m)
SAE Controls

8M0082586
14 FT (4.3m)
SAE Controls

8M0082587
15 FT (4.6m)
SAE Controls

8M0082588
16 FT (4.9m)
SAE Controls

8M0082589
17 FT (5.2m)
SAE Controls

8M0082590
18 FT (5.5m)
SAE Controls

8M0082591
19 FT (5.8m)
SAE Controls

8M0082592
20 FT (6.1m)
SAE Controls

8M0082593
21 FT (6.4m)
SAE Controls

8M0082594
22 FT (6.7m)
SAE Controls

8M0082595
23 FT (6.7m)
SAE Controls

8M0082596
24 FT (7.0m)
SAE Controls

8M0082597
25 FT (7.3m)
SAE Controls

8M0082598
26 FT (7.6m)
SAE Controls

8M0082599
27 FT (7.9m)
SAE Controls

8M0082600
28 FT (8.5m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

8M0082601
29 FT (8.8m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

8M0082602
30 FT (9.2m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

PLATINUM PLUS THROTTLE AND SHIFT

8M0082603
31 FT (9.5m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

8M0082604
34 FT (10.4m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

8M0082605
36 FT (11.0m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

8M0082606
38 FT (11.6m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

8M0082607
40 FT (12.2m) Tough polypropylene outer jacket is UV and abrasion resistant. The stainless steel core cables are coated with a patented hexagonal shape and the lubricated core provides exceptionally smooth operation.

MORSE 33C SERIES CABLE ADAPTERS

CABLE ADAPTER



82779
To convert control end of Morse 33C style cable to 64-809894- cable application.

TWO STATION THROTTLE & SHIFT ATTACHING KIT

For use with Dual station Two Lever Controls.

TWO STATION THROTTLE/SHIFT KIT



89645A37
For use in dual MerCruiser control stations. Includes hardware for attaching throttle and shift cables from both stations to the engine. Twin engines require two kits.
Fits MCM/MIE MPI models, except 4.5L and 6.2L (2015 and newer) and 8.2L engines

TWO STATION THROTTLE/SHIFT KIT



8M0046250
For use in dual MerCruiser control stations. Includes hardware for attaching throttle and shift cables from both stations to the engine. Twin engines require two kits.
Fits MCM/MIE 8.2L models

858342A_ SERIES SHIFT CABLES

SHIFT CABLE



858342A10

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

3.0 m (10 ft.)

858342A12

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

3.7 m (12 ft.)

858342A14

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

4.3 m (14 ft.)

858342A16

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

4.9 m (16 ft.)

858342A18

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

5.5 m (18 ft.)

858342A20

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

6.1 m (20 ft.)

858342A22

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

6.7 m (22 ft.)

820671A_ SERIES SHIFT CABLES

30 Series cable with 10/32 end threads.

SHIFT CABLE



820671A18

30 series cable with 10/32 end threads.

Fits Sport-Jet 90/95/120 (1993-96)

5.5 m (18 ft.)

64-853951A_ SERIES SHIFT CABLES

SHIFT CABLE



64-853951A10

40 series cable with 1/4-28 end threads. Includes shift cable bellows kit.

Fits Sport-Jet 175 (1997 thru 1999) and can also be used for 90/95/120 when used with optional Remote Control and Conversion Kit 850698A 1.

3.0 m (10 ft.)

64-853951A16

40 series cable with 1/4-28 end threads. Includes shift cable bellows kit.

Fits Sport-Jet 175 (1997 thru 1999) and can also be used for 90/95/120 when used with optional Remote Control and Conversion Kit 850698A 1.

4.9 m (16 ft.)

64-853951A18

40 series cable with 1/4-28 end threads. Includes shift cable bellows kit.

Fits Sport-Jet 175 (1997 thru 1999) and can also be used for 90/95/120 when used with optional Remote Control and Conversion Kit 850698A 1.

5.5 m (18 ft.)

858342A_ SERIES SHIFT CABLES

SHIFT CABLE



858342A10

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

3.0 m (10 ft.)

858342A12

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

3.7 m (12 ft.)

858342A14

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

4.3 m (14 ft.)

858342A16

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

4.9 m (16 ft.)

858342A18

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

5.5 m (18 ft.)

858342A20

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

6.1 m (20 ft.)

858342A22

40 series cable with cable end connector. Includes shift cable bellows kit.

Fits Sport-Jet 120XR2 (1999 and newer) and 175 (2000 and newer). Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

6.7 m (22 ft.)

JOYSTICK RIGGING

JOYSTICK PILOTING FOR V6 MERCURY OUTBOARDS (OPTIMUS 360)

Mercury and Dometic have collaborated and worked together to provide a fully validated joystick package for installation on all Mercury's 175, 200 and 225hp FourStroke outboard engines.
With the launch of this offering, Mercury will bring joystick piloting to a broader audience. Boaters who are interested in boat packages outfitted with dual 175hp, 200hp or 225hp outboards will have access to joystick controls.
In addition to joystick docking and maneuvering, the system allows the driver to hold a boat in position, hold its heading, or hold its position and heading simultaneously. For EMEA, the product will be exclusively available through the Mercury Marine channel from February 2021 onwards.
In 2013, Mercury introduced Joystick Piloting for Outboards, the first of its kind in the marine marketplace. It remains the most precise system on the market and the only system from helm to stern designed to work with a Mercury engine.
Please contact your local sales office to compose your built of material via our configuration tool.



JOYSTICK PILOTING - KEY FEATURES

MERCURY

Joystick Piloting

Total control at your fingertips



Relax. Everything's under control.

Forget complex. Forget stressful positioning or maneuvering in tight spaces during less-than-ideal situations. Focus instead on a new feeling. One of total confidence. Confidence that comes from being effortlessly, intuitively, completely in control of your boat, thanks to the Mercury's Joystick Piloting system. The power to make your boat do exactly what you want, with just a touch of your fingertips. You don't have to be a control freak to appreciate that.

- Easy joystick docking and maneuvering
- Quieter and more capable than competitive systems
- Proportional joystick allows control of both throttle and steering with one hand
- SmartCraft® Digital Throttle & Shift (DTS) and electro-hydraulic power steering
- System can be maintained while boat is in the water
- Mercury's engine-matched warranty provides confident boating for years to come
- All components manufactured and fully integrated by Mercury

JOYSTICK PILOTING - STANDARD FEATURES



Joystick functionality

- Easy positioning of the boat sideways, at an angle, or rotating in place
- Intuitive, proportional control of thrust and speed
- Hold prolonged low speeds through no-wake harbors
- Auto trim sets engine trim at optimal level when joystick is engaged

Safety, reliability and durability

- Engine Guardian for protection and peace of mind
- Based on the proven Mercury technology of Joystick Piloting for Outboards, Sterndrives and Zeus® pod technology

Engine options

GAS STERNDRIVE
4.5L, 6.2L and 8.2L

DIESEL STERNDRIVE
4.2L QSD, 3.0L TDI, 4.2L TDI

OUTBOARDS
250HP Verado®, 300HP Verado, 350HP Verado, 400R Verado

ADDITIONAL FEATURES
DTS, SmartCraft®, Dual helm

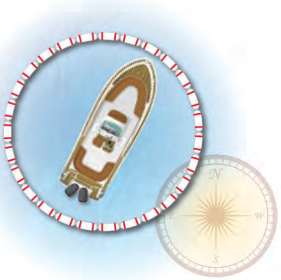
MERCURY GO BOLDLY.

SKYHOOK®

Uses GPS technology to maintain your boat's position and heading - and helps you maintain control of your boat.

ROUTE

With your approved chart plotter, Route will follow the predetermined vessel's course. The vessel will turn automatically to the next point.



HEADING

Uses a built-in digital compass to maintain vessel course. Heading can be adjusted by 1° if you bump the joystick left or right or 10° if you twist the joystick.



VESSELVIEW®*

Access and monitor all of your vessel's systems from a central location, or set the Cruise Control feature.



*available with VesselView4, VesselView502 or VesselView702

SKYHOOK

MERCURY

Skyhook® digital anchor

by Mercury Marine®





Keep your boat in place with the push of a button

Mercury Skyhook digital anchor allows you to lock your boat's position using a GPS satellite antenna. Then, working with your engines and drives, Skyhook maintains your position and heading regardless of wind or current.



Key features

- Ideal for holding your boat over a fishing spot, waiting for bridges to open or holding position while next in line at a fuel docking station
- GPS technology and electronic compass automatically control shifting, throttling and steering to maintain heading and approximate position
- Simple to operate – just place the levers in neutral and push the Skyhook button to lock both position and heading
- Standard on all Joystick Piloting for Outboards (JPO), Joystick Piloting for Sterndrives (JPS) and Zeus applications

MercuryMarine.com

© 2016 MERCURY MARINE. All rights reserved. Published 6/16 Printed in U.S.A.
Reproduction in whole or in part without permission is prohibited. P/N 90-8M0079989

MERCURY

SKYHOOK ADVANCED FEATURES



Skyhook® Advanced Features

The ultimate vessel control experience

Mercury's latest innovative offering, Skyhook Advanced Features, provides even more control over your Joystick equipped vessel for very specific situations. Available as downloadable content (DLC) through the GoFree Shop, you can purchase the exact features you want or bundle them all together for the ultimate vessel control experience.

These features require Mercury's latest joystick system and the VesselView703 (available June 2017). VesselView502, VesselView702 and compatible Lowrance and Simrad displays will have these features available for purchase after a software update in late 2017. The electronic control modules on your Joystick system may need to be have firmware updated by your Mercury certified dealer in order to utilize these advanced features.

Heading Adjust *a SKYHOOK feature*

Capability to adjust the heading lock in 1 and 10 degree increments while SkyHook is active. Boating made easy just got easier.

BowHook *a SKYHOOK feature*

Unlock heading and just maintain position, allowing the boat to point in whatever direction the winds and currents dictate. Useful when a locked in heading is not necessary.

DriftHook *a SKYHOOK feature*

Maintain heading and unlock the position of the vessel allowing winds and currents to move the vessel along. Adjustments of 1 and 10 degree increments can be made while drifting when bundled with Heading Adjust..



MERCURY
GO BOLDLY.

©2017 MERCURY MARINE. All rights reserved. Reproduction in whole or in part without permission is prohibited.
Simrad, SolarMax HD and GoFree are registered trademarks of Navico, Inc. Published 2/17 Printed in U.S.A. P/N 90-8M0128535

MercuryMarine.com

JOYSTICK FEATURES



JOYSTICK RIGGING

AUXILIARY JOYSTICK QUAD ENGINE



8M0117143

Auxiliary joystick is a joystick only station, perfect for larger boats and able to be mounted in a convenient location. Includes all components necessary for mounting. If 2 auxiliary joysticks are being installed, a DTS shadow mode resistor pack is needed in addition to this. If full remote controls are being added at those auxiliary stations as well, need (1) additional 898091T02 for each.

Quad engine JPO and Zeus

JOYSTICK ASSEMBLY



879365A21

The Joystick assembly is part of multiple Joystick Piloting kits to make boating easy.

The Joystick steering is offered across multiple engine systems. Joystick Piloting for Outboards (JPO), Joystick Piloting for Sterndrive (JPS) and ZEUS for Diesel.

JOYSTICK ASSEMBLY

Image not Available.

8M0178012

Joystick Assembly used in Joystick Piloting applications, included in the rigging kits.

Service component for Joystick Piloting applications circa mid-2016 and later.

JOYSTICK RIGGING

JOYSTICK ASSEMBLY



8M0118806

Joystick assembly used in Joystick Piloting for Inboards - single engine applications, included in the rigging kit.

Service component for Joystick Piloting for Inboards - single engine applications.

JOYSTICK ASSEMBLY



8M0118808

Joystick assembly used in Joystick Piloting for Inboards - dual engine applications, included in the rigging kits.

Service component for Joystick Piloting for Inboards - dual engine applications.

HELM PANEL BOARD -AUXILIARY JOYSTICK



8M0071505

This panel board includes parts needed to add Auxiliary Joystick for SC 2.5. Twin (SC 2.5 - QSB).

ELECTRONIC STEERING HELM ACTUATOR



8M8025733

Electronic Steering Helm Actuator used in Joystick Piloting applications, included in the rigging kits

Service component for Joystick Piloting applications prior to mid-2016 and earlier

INERTIAL MEASUREMENT UNIT



8M6002180

The Inertial Measurement Unit (IMU) contains software version 3.1.

The IMU is used with all Joystick Piloting applications - Outboard, Sterdrive and Zeus.

SMARTCRAFT GPS ANTENNA 400



8M0091565

SmartCraft GPS Antenna (4.0.12SC) Used with SmartTow Pro SC1000 gauges, MercMonitors, and VesselViews 4 and 7.

Sends CAN H and CAN P GPS data for use with GPS SmartTow and Joystick Piloting boats with Auto Pilot. Software 4.0.12SC

COMBO GPS/IMU



8M0168463

Combo GPS/IMU used in Joystick Piloting applications.

Service component for Joystick Piloting applications circa mid-2016 and later.

CAN H GATEWAY



8M0095543

Utilized in Joystick applications (typically included in the full rigging kit), provides an interface between CAN H GPS & IMU and the NMEA2000 device (approved chart plotter). Allows for adavanced features such at Waypoint Sequencing, AutoHeading and SkyHook

Can be used on any Joystick application as an interface between CAN H and NMEA0183 OR NMEA2000. Not required for systems with the VesselView 4 or 7 display RTM5 software release that are using a NMEA2000 approved chartplotter

JOYSTICK: MAIN POWER RELAY HARNESS - 20 FT.



84-**897345T08**

Powers CCMs and TVMs for Joystick installations. Used in addition to 5 amp clean power harness. (20 ft. long)

10 PIN TO 5 PIN CAN H ADAPTER



84-**8M0115495**

Adapter harness that goes from 10 pin SmartCraft connector to 5 pin CAN H connector

Used for certain Joystick applications

JOYSTICK LINK CABLE - 26 INCH CENTERS



8M0077126

Link cable to be used on outboard joystick applications to ensure prevention of engines contacting each other. This item includes a 27 inch cable, which is to be used with engines mounted at a 26 inch center distance.

Mercury Joystick Piloting for Outboards, with engines mounted on 26 inch centers.

JOYSTICK LINK CABLE - 27 INCH CENTERS

8M0077129

Link cable to be used on outboard joystick applications to ensure prevention of engines contacting each other. This item includes a 28 inch cable, which is to be used with engines mounted at a 27 inch center distance.

Mercury Joystick Piloting for Outboards, with engines mounted on 27 inch centers.

JOYSTICK LINK CABLE - 28 INCH CENTERS

8M0077130

Link cable to be used on outboard joystick applications to ensure prevention of engines contacting each other. This item includes a 29 inch cable, which is to be used with engines mounted at a 28 inch center distance.

Mercury Joystick Piloting for Outboards, with engines mounted on 28 inch centers.

JOYSTICK LINK CABLE - 29 INCH CENTERS

8M0077133

Link cable to be used on outboard joystick applications to ensure prevention of engines contacting each other. This item includes a 30 inch cable, which is to be used with engines mounted at a 29 inch center distance.

Mercury Joystick Piloting for Outboards, with engines mounted on 29 inch centers.

JOYSTICK LINK CABLE - 30 INCH CENTERS

8M0077134

Link cable to be used on outboard joystick applications to ensure prevention of engines contacting each other. This item includes a 31 inch cable, which is to be used with engines mounted at a 30 inch center distance.

Mercury Joystick Piloting for Outboards, with engines mounted on 30 inch centers.

JOYSTICK LINK CABLE - 31 INCH CENTERS

8M0077135

Link cable to be used on outboard joystick applications to ensure prevention of engines contacting each other. This item includes a 32 inch cable, which is to be used with engines mounted at a 31 inch center distance.

Mercury Joystick Piloting for Outboards, with engines mounted on 31 inch centers.

JOYSTICK LINK CABLE - 32 INCH CENTERS

8M0077136

Link cable to be used on outboard joystick applications to ensure prevention of engines contacting each other. This item includes a 33 inch cable, which is to be used with engines mounted at a 32 inch center distance.

Mercury Joystick Piloting for Outboards, with engines mounted on 32 inch centers.

JOYSTICK LINK CABLE - 33 INCH CENTERS

8M0077137

Link cable to be used on outboard joystick applications to ensure prevention of engines contacting each other. This item includes a 34 inch cable, which is to be used with engines mounted at a 33 inch center distance.

Mercury Joystick Piloting for Outboards, with engines mounted on 33 inch centers.

JOYSTICK LINK CABLE - 34 INCH CENTERS

Image not Available.

8M0077138

Link cable to be used on outboard joystick applications to ensure prevention of engines contacting each other. This item includes a 35 inch cable, which is to be used with engines mounted at a 34 inch center distance.

Mercury Joystick Piloting for Outboards, with engines mounted on 34 inch centers.

JOYSTICK LINK CABLE - 35 INCH CENTERS



8M0077139

Link cable to be used on outboard joystick applications to ensure prevention of engines contacting each other. This item includes a 36 inch cable, which is to be used with engines mounted at a 35 inch center distance.

Mercury Joystick Piloting for Outboards, with engines mounted on 35 inch centers.

JOYSTICK LINK CABLE - 25 INCH CENTERS, QUAD ONLY



8M0109000

Link cable to be used on outboard joystick applications to ensure prevention of engines contacting each other. This item includes a 23 inch adjustable cable, which is to be used with engines mounted at a 25 inch center distance. (quads only)

Mercury Joystick Piloting for Outboards, with quad engines mounted on 25 inch centers.

JOYSTICK RIGGING

JOYSTICK LINK CABLE - 26 INCH CENTERS, QUAD ONLY

8M0108999

Link cable to be used on outboard joystick applications to ensure prevention of engines contacting each other. This item includes a 24 inch adjustable cable, which is to be used with engines mounted at a 26 inch center distance. (quads only)

Mercury Joystick Piloting for Outboards, with quad engines mounted on 26 inch centers.

JOYSTICK LINK CABLE - 28 INCH CENTERS, QUAD ONLY



8M0079945

Link cable to be used on outboard joystick applications to ensure prevention of engines contacting each other. This item includes a 26 inch adjustable cable, which is to be used with engines mounted at a 28 inch center distance. (quads only)

Mercury Joystick Piloting for Outboards, with quad engines mounted on 28 inch centers.

HOSE ASSEMBLIES

POWER STEERING HOSE - BULKHEAD TO CYLINDER TANK



32-**8M0077079**

.5 inch hose, bulkhead to cylinder tank for joystick applications.

32-**8M0077080**

.5 inch hose, bulkhead to cylinder tank for joystick applications.

32-**8M0077081**

.5 inch hose, bulkhead to cylinder tank for joystick applications.

POWER STEERING HOSE - BULKHEAD TO CYLINDER PRESSURE



32-**8M0077082**

.375 inch hose, bulkhead to cylinder pressure for joystick applications.

32-**8M0077083**

.375 inch hose, bulkhead to cylinder pressure for joystick applications.

32-**8M0077084**

.375 inch hose, bulkhead to cylinder pressure for joystick applications.

POWER STEERING HOSE KITS-JOYSTICK PILOTING

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM



32-**8M0150604**

Kit includes two hoses of same length (2 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150605**

Kit includes two hoses of same length (3 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150606**

Kit includes two hoses of same length (4 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150607**

Kit includes two hoses of same length (5 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150608**

Kit includes two hoses of same length (6 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150610**

Kit includes two hoses of same length (7 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150612**

Kit includes two hoses of same length (8 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150613**

Kit includes two hoses of same length (10 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM

Image not Available.

32-**8M0150614**

Kit includes two hoses of same length (12 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM



32-**8M0150615**

Kit includes two hoses of same length (14 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150616**

Kit includes two hoses of same length (18 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150617**

Kit includes two hoses of same length (18 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150618**

Kit includes two hoses of same length (20 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150619**

Kit includes two hoses of same length (22 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150620**

Kit includes two hoses of same length (24 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM

Image not Available.

32-**8M0150621**

Kit includes two hoses of same length (26 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM

Image not Available.

32-**8M0150622**

Kit includes two hoses of same length (28 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM

Image not Available.

32-**8M0150623**

Kit includes two hoses of same length (30 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM

Image not Available.

32-**8M0150624**

Kit includes two hoses of same length (32 ft) to connect the Gen C Power Module to the Helm.
(Power Steering)

All Mercury power steering.

PRESSURE HOSE

Image not Available.

32-**8M6004888**

Order quantity of 2 per cylinder. ORFS -6 female to ORFS -6 female. Measure from bulkhead to cylinder for correct sizing. Return and pressure hoses make a pair for each engine, must be ordered separately.

POWER STEERING HOSE - BULKHEAD TO CYLINDER PRESSURE



32-**8M0077082**

.375 inch hose, bulkhead to cylinder pressure for joystick applications.

32-**8M0077083**

.375 inch hose, bulkhead to cylinder pressure for joystick applications.

32-**8M0077084**

.375 inch hose, bulkhead to cylinder pressure for joystick applications.

JPO BULKHEAD PLATE



8M0146247

Improved bulkhead plate with threaded passage for multiple hose installations.

Joystick, multiple Hose Installations.

FITTINGS

BULKHEAD FITTING - RETURN LINE - SHORT



22-**8M6001488**

.75 thickness, return line. Required for all JPO systems.

BULKHEAD FITTING - RETURN LINE - LONG



22-**8M6002264**

3 inch thickness, return line. Required for all JPO systems.

BULKHEAD FITTING - PRESSURE LINE - SHORT



22-**8M6001495**

.75 inch thickness, pressure line. Required for all JPO systems.

BULKHEAD FITTING - PRESSURE LINE - LONG



22-**8M6001497**

3 inch thickness, pressure line. Required for all JPO systems.

BULKHEAD FITTING - 90 DEGREE RETURN LINE



22-**8M0031467**

.5 inch female to .5 inch male. Used on top of bulkhead fittings.

BULKHEAD FITTING - 90 DEGREE PRESSURE LINE



22-**8M0031539**

.375 inch female to .375 inch male. Used on top of bulkhead fittings.

STEERING CYLINDER FITTING - STRAIGHT RETURN LINE



22-**8M2007090**

.375 inch male to .5 inch male. This straight fitting can be used to replace the standard 90 degree cylinder fitting for some installs where needed.

ADAPTER FITTING



22-**8M0161199**

Adapter fitting

STEERING CYLINDER FITTING - .8125 INCH



22-**8M0131184**

.8125 inch (13/16). This fitting can be used for some JPO installs where needed to further stabilize engines.

DTS RIGGING

SMARTCRAFT AND DTS APPLICATION INFORMATION

Mercury Marine strongly recommends that boat builders and dealers use only Mercury Marine brand SmartCraft and DTS accessories. The throttle and shift functions on a boat are safety critical components. Mercury Marine validated the design and manufacture of the various SmartCraft and DTS accessories sold by Mercury Marine through an extensive product qualification testing protocol. Each of the Mercury Marine accessories for these systems has passed through that qualification process. It is not possible for Mercury Marine to test its systems with all of the accessories manufactured and sold by other entities. As a result, if a boat builder or dealer chooses to disregard the recommendation that only Mercury Marine accessories be used, the boat builder or dealer should adhere to specifications provided by Mercury Marine for all non-Mercury Marine components which interface with the Mercury Marine SmartCraft and/or DTS System. Documentation exhibiting compliance with these specifications should be submitted and approved by Mercury Marine prior to the finished product being released for sale. The Mercury Marine Limited Warranty does not provide coverage for damage caused by the use of accessories or parts not manufactured or sold by Mercury Marine.

DTS RIGGING KITS

The DTS complete master rigging kits listed in this section are for the 2007 DTS engines and newer. The DTS kits for older engines can be found in the "DTS Command Module Kits" section of this book. Please note, when buying the "DTS Command Module Kits" the control will need to be purchased separately. The controls can be found in the "Digital Throttle and Shift Controls" section of this book.

PANEL MOUNT DTS ERC



8M0133237

This DTS panel mount Electronic Remote Control (ERC) offers the following features: Throttle only, engine start/stop, Active trim button and system status light, profile select buttons, Profile indicator LEDs, and mounting hardware. ERC included is programmed for single-helm configuration. GPS required for Active Trim feature.

PANEL MOUNT DTS ERC- ELECTRIC STEERING



8M0144227

This DTS panel mount Electronic Remote Control (ERC) offers the following features: Throttle only, engine start/stop, Active trim button and system status light, profile select buttons, Profile indicator LEDs, mounting hardware, and Quick Steer button for vessels with Single Outboard Electric Steering. ERC included is programmed for single-helm configuration. GPS required for Active Trim feature.

BRAVO 4S ERC PANEL MOUNT KIT



8M0189676

This electronic remote control features High Def Cruise and can be used with Bravo FourS surf applications.

SINGLE ENGINE CONSOLE DTS ERC W/TRIM



8M0163917

This DTS single engine console Electronic Remote Control (ERC) features: Throttle only, engine start/stop, helm transfer, global dimming, active trim, profile select LED indicators, and mounting hardware. ERC included is programmed for single-helm configuration. GPS required for active trim feature.

SINGLE ENGINE CONSOLE DTS ERC - NO TRIM



8M0166583

This DTS single engine console Electronic Remote Control (ERC) features: Throttle only, engine start/stop, helm transfer, global dimming, and mounting hardware. ERC included is programmed for single-helm configuration.

SINGLE ENGINE CONSOLE DTS ERC W/TRIM - ELECTRIC STEERING



8M0166584

This DTS single engine console Electronic Remote Control (ERC) features: Throttle only, engine start/stop, helm transfer, global dimming, active trim, profile select LED indicators, mounting hardware, and quick steer button for vessels with single outboard electric steering. ERC included is programmed for single-helm configuration. GPS required for active trim feature.

DUAL ENGINE DTS ERC



8M0133240

This DTS dual handle Electronic Remote Control (ERC) for dual engine installs includes these features: Throttle only, 1 lever mode, helm transfer, Mercury global dimming, trim all engines, individual engine trim, start/stop all engines, individual engine start/stop, and a neutral indicator light. This control also has Mercury's active trim integrated into the ERC itself.

DTS Controls

DUAL ENGINE DTS ERC NO TRIM



8M0133242

This DTS dual handle Electronic Remote Control (ERC) for dual engine installs includes these features: Throttle only, 1 Lever Mode, Helm transfer, Mercury global dimming, start/stop all engines, individual engine start/stop, and a neutral indicator light.

DTS Controls

PREMIER DUAL ENGINE DTS ERC



8M0133243

This DTS dual handle Electronic Remote Control (ERC) for dual engine installs includes these features: Throttle only, 1 lever mode, helm transfer, Mercury global dimming, trim all engines, individual engine trim, start/stop all engines, individual engine start/stop, and a neutral indicator light. This control also has Mercury's active trim integrated into the ERC itself, as well as an integrated display that will provide select informational pop-ups and feature status indicators.

DTS Controls

TRIPLE ENGINE DTS ERC



8M0133244

This DTS dual handle Electronic Remote Control (ERC) for triple engine installs includes these features: Throttle only, 1 Lever Mode, Helm transfer, Mercury global dimming, trim all engines, individual engine trim, start/stop all engines, individual engine start/stop, and a neutral indicator light. This control also has Mercury's Active trim integrated into the ERC itself.

DTS Controls

PREMIER TRIPLE ENGINE DTS ERC



8M0133245

This DTS dual handle Electronic Remote Control (ERC) for triple engine installs includes these features: Throttle only, 1 Lever Mode, Helm transfer, Mercury global dimming, trim all engines, individual engine trim, start/stop all engines, individual engine start/stop, and a neutral indicator light. This control also has Mercury's Active trim integrated into the ERC itself, as well as an integrated display that will provide select informational pop-ups and feature status indicators.

DTS Controls

QUAD ENGINE DTS ERC



8M0133246

This DTS dual handle Electronic Remote Control (ERC) for quad engine installs includes these features: Throttle only, 1 Lever Mode, Helm transfer, Mercury global dimming, trim all engines, individual engine trim, start/stop all engines, individual engine start/stop, and a neutral indicator light. This control also has Mercury's Active trim integrated into the ERC itself.

DTS Controls

PREMIER QUAD ENGINE DTS ERC



8M0133247

This DTS dual handle Electronic Remote Control (ERC) for quad engine installs includes these features: Throttle only, 1 Lever Mode, Helm transfer, Mercury global dimming, trim all engines, individual engine trim, start/stop all engines, individual engine start/stop, and a neutral indicator light. This control also has Mercury's Active trim integrated into the ERC itself, as well as an integrated display that will provide select informational pop-ups and feature status indicators.

DTS Controls

5 & 6 ENGINE DTS ERC



8M0153980

This DTS dual handle Electronic Remote Control (ERC) for quad engine installs includes these features: Throttle only, 1 Lever Mode, Helm transfer, Mercury global dimming, trim all engines, individual engine trim, start/stop all engines, individual engine start/stop, and a neutral indicator light. This control also has Mercury's Active trim integrated into the ERC itself.

DTS Controls

ELECTRIC STEERING HELM CORE KIT



98-**8M0157716**

Electric steering helm used in Joystick Piloting applications and Single Outboard Electric Steering.

DTS Controls

AMS MECHANICAL KICKER KIT

Image not Available.

98-**8M0164826**

This tie bar kicker kit is used to attach the kicker engine to the primary engine on vessels with a 250-450hp Verado as the primary engine

DTS COMMAND MODULE AND HARNESS KITS

The "DTS Command Module Kits" include: Command module(s), command module harness(es), and Key switch(es). These kits are listed in this section from most current model year and back to 2004 (where still supported). **Controls are sold separately** Controls can be found in the "Digital Throttle and Shift Controls" section of this book.

COMMAND MODULE

Image not Available.

77-**8M0121241**

Racing Command Module with shared guardian.

Compatible with Verado 80

PANEL MOUNT / SLIM BINNACLE - DTS COMMAND MODULE KIT



84-**893377K04**

SmartCraft DTS Command Module required for Gen I (2007) and newer DTS systems. Includes DTS Command Module (891661T10), panel mount harness (893377T03), key switch and mounting hardware. Used with 892984A01 and 892984A02 Panel Mount Controls, and 8M0079290 and 8M0079291 Slim Binnacle Controls.

Gen I (2007) DTS Engines and newer. MCM requires serial number break to define use.

PANEL MOUNT CONTROL- DTS COMMAND MODULE KIT



84-**893377K01**

SmartCraft DTS Command Module required for 2005 DTS systems. Includes DTS Command Module (891661T03), panel mount harness, key switch and mounting hardware. Used with 892984A01 and 892984A02 Panel Mount Controls. (uses 891661T03)

2005 DTS engines

SINGLE CONSOLE/ZERO EFFORT COMMAND MODULE KIT



84-**892955K03**

Smartcraft Command Module used on 2006 DTS engines- Includes command module and harness, keyswitch and mounting hardware. Used with 877775A08, A10, A12, ERC's and Zero Effort 840712A__ series controls Does not backfit. (uses 891661005)

2006 DTS engines only

DUAL CONSOLE/ZERO EFFORT DTS COMMAND MODULE KIT



84-**893378K03**

SmartCraft DTS Command Module required for 2006 DTS systems. Includes DTS Command Module(2), key switch(2), harness and mounting hardware. Used with 877775a07, 877775a11, 877775a09 Dual Engine Console Mount Controls or Dual Engine Zero Effort Controls 840714A__ series

2006 DTS engines only

DUAL CONSOLE/ZERO EFFORT DTS COMMAND MODULE KIT



84-**893378K01**

SmartCraft DTS Command Module required for 2005 DTS systems. Includes DTS Command Module(2), key switch(2), harness and mounting hardware. Used with 877775a07, 877775a11, 877774a09 Dual Engine Console Mount Controls or Dual Engine Zero Effort Controls 840714A__ series

2005 DTS outboards and 8.1L/496 Mag DTS MCM/ MIE
Serial Number OW 040000 thru 0W649999

COMMAND MODULE TRIPLE



892955K22

This DTS Rigging Kit includes 3 Command Module Kits with keys (892955K03), 1 Triple Engine Lanyard harness Kit (895725A01), 1 Triple Engine Start/Stop Kit (887767K03), 3 four way junction boxes (878492K14), 3 Boat Harnesses (859743T03), Triple Engine DTS Link Harness (84-896206T15), 4 position dash mounted trim switch, (897635K01), adapter harness (84-896394T01) and 1 Accessory/Relay Harnesses (889611K01). Zero Effort Control and data Harness (892451T/B__ - one per engines to correct length) must be ordered separately.

2006 DTS engines

TRIPLE ENGINE SHADOW MODE DTS COMMAND MODULE KIT

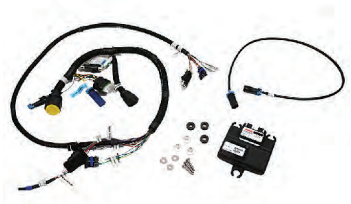


84-**896377K01**

SmartCraft DTS Command Module required for 2006 DTS systems. Includes DTS Command Module(3), key switch(3). Used with ERC 877775A15

2006 DTS engines

COMMAND MODULE KIT- QUAD ENGINE



84-**892955K05**

Smartcraft Command Module used on 2007 (Gen I) DTS engines- Includes command module, harness, and mounting hardware. Used with ERC 877775A21 (uses 891661T06). Key switches are not included in this kit (matched keys kit is 893353A06)

Gen I (2007) DTS Engines

LCM MODULE PROGRAMMED - SURF CODE

Image not Available.

77-**8M0173267**

Legacy Command Module programmed smarttow surf

DTS COM MODULE HARNESS- CONSOLE SINGLE/ZE



84-**892955A02**

Harness needed to connect Single Console and single zero Effort controls
2006 DTS engines and newer

DTS COM MODULE HARNESS- QUAD



84-**892955T03**

Quad engine command module adapter harness
2007 (Gen II) DTS engines. Will backfit to 2006 engine

DTS-COM MODULE HARNESS-CONSOLE DUAL/ZE



84-**893378A02**

Harness that connects DTS components- Dual Console and Zero Effort Controls
2006 and newer DTS engines

SINGLE ENGINE HELM KIT

Image not Available.

8M0208458

This single engine kit includes a low cost GPS and helm harness.
DTS customers wanting only low cost GPS should purchase 8M6009517.
Customers wanting only helm harness should order 8M0159746.

HELM HARNESS- SINGLE ENGINE



84-**8M0159746**

Next Gen DTS Helm Harness – Single Engine Single Helm - Single Station Harness

All DTS customers ordering low-cost GPS (8M6012227) and helm harness (8M0159746) should order kit 8M0208458, which includes both GPS and helm harness.

LOWER HELM HARNESS- SINGLE ENGINE



84-**8M0159747**

Next Gen DTS Helm Harness – Single Engine Dual Helm - Lower Harness (must also order a Upper harness and the applicable helm-to-helm extension harnesses)

Helm Harness for rigging- Single Engine, Single Helm

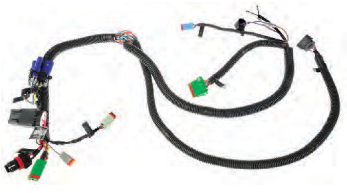
TRIPLE MID HELM HARNESS- SINGLE ENGINE



84-**8M0159748**

Next Gen DTS Helm Harness – Single Engine Triple Helm – Middle Harness (must also order an upper and lower helm harness and the applicable helm-to-helm extension harnesses)

UPPER DUAL HELM HARNESS- SINGLE ENGINE



84-**8M0159749**

Next Gen DTS Helm Harness – Single Engine Dual Helm - Upper Harness (must also order a lower harness and the applicable helm-to-helm extension harnesses)

HELM HARNESS- DUAL ENGINE



84-**8M0157213**

Next Gen DTS Helm Harness – Dual Engine Single Helm – Single Station Harness

LOWER HELM HARNESS- DUAL



84-**8M0157214**

Next Gen DTS Helm Harness – Dual Engine Dual Helm - Lower Harness (must also order a Upper harness and the applicable helm-to-helm extension harnesses)

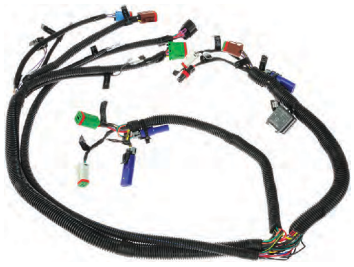
MID TRIPLE HELM HARNESS- DUAL ENGINE

Image not Available.

98-**8M0165544**

Next Gen DTS Helm Harness – Dual Engine Triple Helm – Middle Harness (must also order an upper and lower helm harness and the applicable helm-to-helm extension harnesses)

UPPER HELM HARNESS- DUAL



84-**8M0157215**

Next Gen DTS Helm Harness – Dual Engine Dual Helm - Upper Harness (must also order a lower harness and the applicable helm-to-helm extension harnesses)

HELM HARNESS- TRIPLE ENGINE



84-**8M0157216**

Next Gen DTS Helm Harness – Triple Engine Single Helm - Single Station Harness

HELM HARNESS TRIPLE ENGINE- LOWER



84-**8M0157217**

Next Gen DTS Helm Harness – Triple Engine Dual Helm - Lower Harness (must also order a Upper harness and the applicable helm-to-helm extension harnesses)

TRIPLE MID HELM HARNESS- TRIPLE ENGINE

Image not Available.

98-**8M0165540**

Next Gen DTS Helm Harness – Triple Engine Triple Helm – Middle Harness (must also order an upper and lower helm harness and the applicable helm-to-helm extension harnesses)

UPPER DUAL HELM HARNESS- TRIPLE ENGINE



84-**8M0157218**

Next Gen DTS Helm Harness – Triple Engine Dual Helm - Upper Harness (must also order a lower harness and the applicable helm-to-helm extension harnesses)

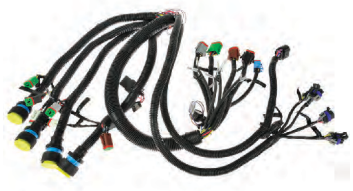
HELM HARNESS- QUAD ENGINE



84-**8M0157219**

Next Gen DTS Helm Harness – Quad Engine Single Helm - Single Station Harness

LOWER DUAL HELM HARNESS- QUAD ENGINE



84-**8M0157220**

Next Gen DTS Helm Harness – Quad Engine Dual Helm - Lower Harness (must also order a Upper harness and the applicable helm-to-helm extension harnesses)

MID TRIPLE HELM HARNESS- QUAD ENGINE

Image not Available.

98-**8M0165541**

Next Gen DTS Helm Harness – Quad Engine Triple Helm – Middle Harness (must also order an upper and lower helm harness and the applicable helm-to-helm extension harnesses)

UPPER DUAL HELM HARNESS- QUAD ENGINE



84-**8M0157222**

Next Gen DTS Helm Harness – Quad Engine Dual Helm - Upper Harness (must also order a lower harness and the applicable helm-to-helm extension harnesses)

DTS COMMAND MODULE HARNESS-SHADOW MODE (TRIPLE)



84-**896377T02**

Harness for command module connections. Direct replacement for 84-896377A01 2007 (Gen I) and newer DTS engines

DTS TAB INTERFACE MODULE KIT

Image not Available.

98-**8M0169899**

DTS TAB INTERFACE MODULE KIT. FOR NEXT GEN DTS

2ND STATION DELIVERY HARNESS KIT - SINGLE

Image not Available.

98-**8M0169904**

2nd STATION DELIVERY HARNESS KIT - SINGLE

2ND STATION DELIVERY HARNESS KIT - DUAL

Image not Available.

98-**8M0169905**

2nd STATION DELIVERY HARNESS KIT - DUAL

2ND STATION DELIVERY HARNESS KIT - TRIPLE

Image not Available.

98-**8M0169906**

2nd STATION DELIVERY HARNESS KIT - TRIPLE

2ND STATION DELIVERY HARNESS KIT - QUAD

Image not Available.

98-**8M0169907**

2nd STATION DELIVERY HARNESS KIT - QUAD

5 FEET NEXT-GEN ERC EXT. HARNESS KIT (SINGLE)

Image not Available.

98-**8M0173751**

5 FEET NEXT-GEN ERC EXT. HARNESS KIT (SINGLE)

5 FEET NEXT-GEN ERC EXT. HARNESS KIT (DUAL)

Image not Available.

98-**8M0173753**

5 FEET NEXT-GEN ERC EXT. HARNESS KIT (DUAL)

5 FEET NEXT-GEN ERC EXT. HARNESS KIT (TRIPLE)

Image not Available.

98-**8M0173754**

5 FEET NEXT-GEN ERC EXT. HARNESS KIT (TRIPLE)

5' FEET NEXT-GEN ERC EXT. HARNESS KIT (QUAD)

Image not Available.

98-**8M0173755**

5' FEET NEXT-GEN ERC EXT. HARNESS KIT (QUAD)

10 FEET NEXT-GEN ERC EXT. HARNESS KIT (TRIPLE)

Image not Available.

98-**8M0173880**

10 FEET NEXT-GEN ERC EXT. HARNESS KIT (TRIPLE)

10 FEET NEXT-GEN ERC EXT. HARNESS KIT (QUAD)

Image not Available.

98-**8M0173881**

10 FEET NEXT-GEN ERC EXT. HARNESS KIT (QUAD)

OUTER HELM EXT. HARNESS 15 FEET



84-**8M0159751**

OUTER HELM EXT. HARNESS 15 FEET. Used on outer engines on Triple and Quad engine configurations

OUTER HELM EXT. HARNESS 20 FEET

84-**8M0159752**

OUTER HELM EXT. HARNESS 20 FEET. Used on outer engines on Triple and Quad engine configurations

OUTER HELM EXT. HARNESS 25 FEET
84-**8M0159753**
OUTER HELM EXT. HARNESS 25 FEET. Used on outer engines on Triple and Quad engine configurations

OUTER HELM EXT. HARNESS 30 FEET
84-**8M0159754**
OUTER HELM EXT. HARNESS 30 FEET. Used on outer engines on Triple and Quad engine configurations

OUTER HELM EXT. HARNESS 35 FEET
84-**8M0159755**
OUTER HELM EXT. HARNESS 35 FEET. Used on outer engines on Triple and Quad engine configurations

OUTER HELM EXT. HARNESS 40 FEET
84-**8M0159756**
OUTER HELM EXT. HARNESS 40 FEET. Used on outer engines on Triple and Quad engine configurations

OUTER HELM EXT. HARNESS 50 FEET
Image not Available.
84-**8M0173571**
OUTER HELM EXT. HARNESS 50 FEET. Used on outer engines on Triple and Quad engine configurations

OUTER HELM EXT. HARNESS 60 FEET
Image not Available.
84-**8M0173572**
OUTER HELM EXT. HARNESS 60 FEET. Used on outer engines on Triple and Quad engine configurations

OUTER HELM EXT. HARNESS 70 FEET
Image not Available.
84-**8M0173573**
OUTER HELM EXT. HARNESS 70 FEET. Used on outer engines on Triple and Quad engine configurations

INNER HELM EXT. HARNESS 15 FEET

84-**8M0159758**
INNER HELM EXT. HARNESS 15 FEET. Used on inner engine(s) on Triple and Quad engine configurations

INNER HELM EXT. HARNESS 20 FEET
84-**8M0159759**
INNER HELM EXT. HARNESS 20 FEET. Used on inner engine(s) on Triple and Quad engine configurations

INNER HELM EXT. HARNESS 25 FEET
84-**8M0159760**
INNER HELM EXT. HARNESS 25 FEET. Used on inner engine(s) on Triple and Quad engine configurations

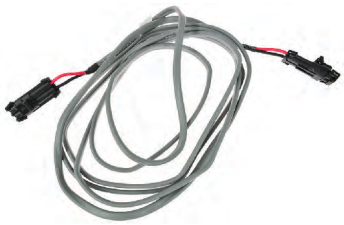
INNER HELM EXT. HARNESS 30 FEET
84-**8M0159761**
INNER HELM EXT. HARNESS 30 FEET. Used on inner engine(s) on Triple and Quad engine configurations

INNER HELM EXT. HARNESS 40 FEET
84-**8M0159763**
INNER HELM EXT. HARNESS 40 FEET. Used on inner engine(s) on Triple and Quad engine configurations

INNER HELM EXT. HARNESS 50 FEET
Image not Available.
84-**8M0173574**
INNER HELM EXT. HARNESS 50 FEET. Used on inner engine(s) on Triple and Quad engine configurations

INNER HELM EXT. HARNESS 60 FEET
Image not Available.
84-**8M0173575**
INNER HELM EXT. HARNESS 60 FEET. Used on inner engine(s) on Triple and Quad engine configurations

INNER HELM EXT. HARNESS 70 FEET
Image not Available.
84-**8M0173576**
INNER HELM EXT. HARNESS 70 FEET. Used on inner engine(s) on Triple and Quad engine configurations

2-PIN GAUGE CLEAN POWER, 15 FEET

84-**8M0159764**
2-PIN GAUGE CLEAN POWER, 15 FEET. All DTS and Joystick applications. When crank batteries are located near the helm or mitigation of excessive voltage drop is desired

2-PIN GAUGE CLEAN POWER, 20 FEET
84-**8M0159765**
2-PIN GAUGE CLEAN POWER, 20 FEET. All DTS and Joystick applications. Helps mitigate excessive voltage drop

2-PIN GAUGE CLEAN POWER, 25 FEET
84-**8M0159766**
2-PIN GAUGE CLEAN POWER, 25 FEET. All DTS and Joystick applications. Helps mitigate excessive voltage drop

2-PIN GAUGE CLEAN POWER, 30 FEET
84-**8M0159767**
2-PIN GAUGE CLEAN POWER, 30 FEET. All DTS and Joystick applications. Helps mitigate excessive voltage drop

2-PIN GAUGE CLEAN POWER, 35 FEET
84-**8M0159768**
2-PIN GAUGE CLEAN POWER, 35 FEET. All DTS and Joystick applications. Helps mitigate excessive voltage drop

2-PIN GAUGE CLEAN POWER, 40 FEET
84-**8M0159769**
2-PIN GAUGE CLEAN POWER, 40 FEET. All DTS and Joystick applications. Helps mitigate excessive voltage drop

50 FEET GLOBAL WAKE HARNESS

Image not Available.

84-**8M0173580**

50 FEET GLOBAL WAKE HARNESS

60 FEET GLOBAL WAKE HARNESS

Image not Available.

84-**8M0173581**

60 FEET GLOBAL WAKE HARNESS

70 FEET GLOBAL WAKE HARNESS

Image not Available.

84-**8M0173582**

70 FEET GLOBAL WAKE HARNESS

CLEAN POWER HARNESS



84-**8M0187441**

Clean power T harness.

CLEAN POWER HARNESS (4-PIN) - 5 FEET



84-**8M0158087**

CLEAN POWER HARNESS (4-PIN) - 5 FEET. All DTS and Joystick applications. Helps mitigate excessive voltage drop

CLEAN POWER HARNESS (4-PIN)- 10 FEET

84-**8M0158088**

CLEAN POWER HARNESS (4-PIN)- 10 FEET. All DTS and Joystick applications. Helps mitigate excessive voltage drop

CLEAN POWER HARNESS (4-PIN)- 15 FEET

84-**8M0158089**

CLEAN POWER HARNESS (4-PIN)- 15 FEET. All DTS and Joystick applications. Helps mitigate excessive voltage drop

CLEAN POWER HARNESS (4-PIN)- 20 FEET

84-**8M0158090**

CLEAN POWER HARNESS (4-PIN)- 20 FEET. All DTS and Joystick applications. Helps mitigate excessive voltage drop

CLEAN POWER HARNESS (4-PIN)- 25 FEET

84-**8M0169292**

CLEAN POWER HARNESS (4-PIN)- 25 FEET. All DTS and Joystick applications. Helps mitigate excessive voltage drop

CLEAN POWER HARNESS (4-PIN)- 30 FEET

84-**8M0169293**

CLEAN POWER HARNESS (4-PIN)- 30 FEET. All DTS and Joystick applications. Helps mitigate excessive voltage drop

CLEAN POWER HARNESS (4-PIN)- 35 FEET

84-**8M0169294**

CLEAN POWER HARNESS (4-PIN)- 35 FEET. All DTS and Joystick applications. Helps mitigate excessive voltage drop

CLEAN POWER ADAPTER - DIESEL

Image not Available.

84-**8M0165564**

Helps mitigate excessive voltage drop.

15 FEET GLOBAL WAKE HARNESS



84-**8M0163381**

15 FEET GLOBAL WAKE HARNESS

20 FEET GLOBAL WAKE HARNESS

84-**8M0163382**

20 FEET GLOBAL WAKE HARNESS

25 FEET GLOBAL WAKE HARNESS

84-**8M0163383**

25 FEET GLOBAL WAKE HARNESS

30 FEET GLOBAL WAKE HARNESS

84-**8M0163384**

30 FEET GLOBAL WAKE HARNESS

35 FEET GLOBAL WAKE HARNESS

84-**8M0163385**

35 FEET GLOBAL WAKE HARNESS

40 FEET GLOBAL WAKE HARNESS

84-**8M0163386**

40 FEET GLOBAL WAKE HARNESS

DTS HELM BOARD KITS (HELM BOARDS ONLY)

HELM BOARD DTS KIT - PANEL / SLIM BINNACLE



899859K03

Kit includes J-Box, Command Module Harness, Command Module, Accessory Power Relay and Terminal Strip all components come pre-mounted on plastic board includes mounting hardware for vessel install

For Single Panel Mount and GEN 2 Slim Binnacle ERC. DTS GEN I and newer.

DTS COMPONENTS

COMMAND MODULE KIT



77-**8M0109482**

Command Module Kit software version 80. The module can be reprogramed using the CDS - G3 service tool

Match the software version needed with engine feature requirements

HARDWARE BAG ASSEMBLY



56-**820386A85**

Legacy Command Module Mounting Kit – Rubber Isolation System

LOW LOSS 14/8 GRAY HARNESS 10 FT



84-**8M0154726**

Low Loss 14/8 Gray Harness 10 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

LOW LOSS 14/8 GRAY HARNESS 15 FT

84-**8M0154727**

Low Loss 14/8 Gray Harness 15 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

LOW LOSS 14/8 GRAY HARNESS 20 FT

84-**8M0154728**

Low Loss 14/8 Gray Harness 20 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

LOW LOSS 14/8 GRAY HARNESS 25 FT

84-**8M0154729**

Low Loss 14/8 Gray Harness 25 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

LOW LOSS 14/8 GRAY HARNESS 30 FT

84-**8M0154730**

Low Loss 14/8 Gray Harness 30 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

LOW LOSS 14/8 GRAY HARNESS 35 FT

84-**8M0154731**

Low Loss 14/8 Gray Harness 35 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

LOW LOSS 14/8 GRAY HARNESS 40 FT

84-**8M0154732**

Low Loss 14/8 Gray Harness 40 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

LOW LOSS 14/8 GRAY HARNESS 45 FT

84-**8M0154733**

Low Loss 14/8 Gray Harness 45 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines

LOW LOSS 14/8 GRAY HARNESS 50 FT

84-**8M0154734**

Low Loss 14/8 Gray Harness 50 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

DIESEL RIGGING

2.0L ENGINE RIGGING KITS

2.0L RIGGING KIT - MECHANICAL ALPHA

Image not Available.

8M0161907

Rigging kit includes VIP panel, 20 foot power harness, 10 foot vessel extension harness, sterndrive harness, power steering signal harness, transom hardware and 10 foot engine VIP extension harness harness.

2.0L Diesel Mechanical Sterndrive (Alpha)

2.0L RIGGING KIT - MECHANICAL BRAVO

Image not Available.

8M0161908

Rigging kit includes VIP panel, 20 foot power harness, 10 foot vessel extension harness, sterndrive harness, power steering signal harness, 10 foot engine VIP extension harness, shift bracket and transom hardware.

2.0L Diesel Mechanical Sterndrive (Bravo)

2.0L RIGGING KIT - DTS BRAVO

Image not Available.

8M0161902

Rigging kit includes VIP panel, 20 foot power harness, 10 foot vessel sensor extension harness, fuel level harness, sterndrive harness, power steering signal harness, 10 foot engine VIP extension harness, shift actuator harness, transom hardware and shift plate

2.0L Diesel DTS Sterndrive (Bravo)

2.0L RIGGING KIT - DTS INBOARD



8M0161904

Rigging kit includes VIP panel, 20 foot power harness, 10 foot vessel extension harness, fuel level harness, e-stop harness, diagnostic port and harness, inboard harness, fuel filter, sea water filter, thru hull fitting and hose

2.0L Diesel DTS Inboard

2.0L RIGGING KIT - MECHANICAL INBOARD

Image not Available.

8M0161909

Rigging kit includes VIP panel, 20 foot power harness, 10 foot vessel extension harness, fuel level harness, e-stop harness, diagnostic port and harness, inboard harness, fuel filter, sea water filter, thru hull fitting and hose, helm harness and 4 way junction box.

2.0L Diesel Mechanical Inboard

PANELS DTS

TDI 4.2L 370 HP ENGINE ASSEMBLY KIT - DTS STERNDRIVE

98-**8M0078873**

Engine Assembly Kit includes Drive Lube Monitor,MerCathode,Shift Actuator, Fuel Module, Exhaust Bullhorn, Literature Kit, Vessel Adapter Assembly and Vessel Sensor Harness.
Must be used with the correct engine during installation

Mercury Diesel TDI 4.2L 370 HP DTS Sterndrive

TDI 4.2L 370 HP ENGINE ASSEMBLY KIT - DTS INBOARD

98-**8M0078883**

Engine Assembly Kit includes Fuel Module, Literature Kit, Vessel Adapter Assembly, Vessel Sensor Harness, Drive Application Harness and Gear Actuation Harness. Must be used with the correct engine during installation

Mercury Diesel TDI 4.2L 370 HP DTS Inboard

PANELS NON DTS

TDI 4.2L 335 HP ENGINE ASSEMBLY KIT - MECH STERNDRIVE

98-**8M0078876**

Engine Assembly Kit includes - Drive Lube Monitor, MerCathode, Shift Actuator, Exhaust Bullhorn, Literature Kit, Vessel Adapter Assembly and Vessel Sensor Harness.
Must be used with the correct engine during installation

Mercury Diesel TDI 4.2L 335 HP Mechanical Sterndrive

MERCURY DIESEL MECHANICAL HELM HARNESS



84-**8M0084296**

Non DTS Helm Harness

Mercury Diesel: Mechanical versions of TDI 3.0L and 4.2L, Tier 2 and Tier 3 (use one per engine at the helm), does not support SmartCraft depth or steering sensors

DIESEL TDI RIGGING

MERCURY DIESEL TDI STERNDRIVE HARNESS KIT

8M0099152

Kit to simplify ordering engine rigging components specific to a TDI Sterndrive application - contains a 3 meter engine to VAA harness, 20 foot engine unswitched power harness, 10 foot vessel sensor extension harness, fuel level harness, 10 foot trim pump/sender extension harness, a diagnostic port and a 3 foot diagnostic yellow CAN cable. Does not include helm rigging (control, harnessing, gauges, etc).

Can be used on all Mercury Diesel TDI sterndrive packages.

SIMS MODULE



77-**8M0086455**
Sim module(Service) with unique software for the engine
260 DTS Sterndrive TDI - V6

77-**8M0086462**
Sim module(Service) with unique software for the engine
100 Mech Sterndrive TDI - V6

77-**8M0086456**
Sim module(Service) with unique software for the engine
230 DTS Sterndrive TDI - V6

77-**8M0086459**
Sim module(Service) with unique software for the engine
230 Mech Sterndrive TDI - V6

77-**8M0086454**
Sim module(Service) with unique software for the engine
260 DTS Sterndrive TDI - V6

77-**8M0086465**
Sim module(Service) with unique software for the engine
230 DTS Inboard TDI - V6 (4000 RPM)

77-**8M0086467**
Sim module(Service) with unique software for the engine
230 Mech Inboard TDI - V6 (4000 RPM)

77-**8M0086469**
Sim module(Service) with unique software for the engine
230 Mech Inboard TDI - V6 (3500 RPM)

77-**8M0086463**
Sim module(Service) with unique software for the engine
260 DTS Inboard TDI - V6

77-**8M0086464**
Sim module(Service) with unique software for the engine
260 Mech Inboard TDI - V6

77-**8M0041733**
Sim module(Service) with unique software for the engine
335 DTS Sterndrive TDI - V8

77-**8M0041757**
Sim module(Service) with unique software for the engine
335 Mech Sterndrive TDI - V8

77-**8M0041718**
Sim module(Service) with unique software for the engine
370 DTS Sterndrive TDI - V8

77-**8M0041734**
Sim module(Service) with unique software for the engine
370 Mech Sterndrive TDI - V8

77-**8M0041674**
Sim module(Service) with unique software for the engine
335 DTS Inboard TDI - V8

77-**8M0041671**
Sim module(Service) with unique software for the engine
370 DTS Inboard TDI - V8

MERCURY DIESEL TDI ENGINE HARNESS - ENGINE TO VAA



84-**8M0066846**
2 meter engine to VAA harness
Mercury Diesel TDI 3.0L and 4.2L Engines

8M0066847
3 meter engine to VAA harness
Mercury Diesel TDI 3.0L and 4.2L Engines

8M0066848
4 meter engine to VAA harness
Mercury Diesel TDI 3.0L and 4.2L Engines

MERCURY DIESEL TDI MECHANICAL JOHNNY THROTTLE EXTENSION HARNESS



84-**8M0079850**
Extension harness - Throttle Mechanical - 10 ft
Mercury Diesel TDI 3.0L and 4.2L Diesels, inlcuded in the mechanical engine assembly kit

MERCURY DIESEL TDI LIFT PUMP HARNESS EXTENSION



84-**8M0079847**
Extension Harness, 20 ft.
Used in conjunction with off engine Racor lift pump, included in mechanical engine assembly kits

MERCURY DIESEL TDI VESSEL SENSOR HARNESS



84-**8M0118364**

Harness - Vessel Sensor

Mercury Diesel TDI 3.0L and 4.2L Diesels, included in the engine assembly kit, does not support SmartCraft depth or steering sensors

MERCURY DIESEL MECHANICAL HELM HARNESS



84-**8M0084296**

Non DTS Helm Harness

Mercury Diesel: Mechanical versions of TDI 3.0L and 4.2L, Tier 2 and Tier 3 (use one per engine at the helm), does not support SmartCraft depth or steering sensors

MERCURY DIESEL TDI DRIVE APPLICATION EXTENSION HARNESS



84-**8M0080191**

5 foot TDI Drive Application Extension Harness. Inboard only

Mercury Diesel TDI 3.0L and 4.2L Engines

MERCURY DIESEL TDI DRIVE APPLICATION EXTENSION HARNESS

84-**8M0080192**

10 foot TDI Drive Application Extension Harness, Inboard only

Mercury Diesel TDI 3.0L and 4.2L Engines

MERCURY DIESEL TDI DRIVE APPLICATION EXTENSION HARNESS



84-**8M0080193**

15 foot TDI Drive Application Extension Harness, Inboard only

Mercury Diesel TDI 3.0L and 4.2L Engines

POWER HARNESS



84-**899887T13**

(10 ft.) Engine unswitched power harness

All diesels - both Non DTS and DTS

84-**899887T14**

(20 ft.) Engine unswitched power harness

All diesels - both Non DTS and DTS

VESSEL SENSOR EXTENSION HARNESS



84-**899888T21**

5 ft. Vessel sensor extension harness (optional).

All Diesel products Non DTS and DTS including Axius

84-**899888T22**

10 ft. Vessel sensor extension harness (optional).

All Diesel products Non DTS and DTS including Axius

84-**899888T23**

15 ft. Vessel sensor extension harness (optional).

All Diesel products Non DTS and DTS including Axius

VESSEL SENSOR EXTENSION HARNESS



84-**899887T17**

20 ft. Vessel sensor extension harness (optional).
All Diesel products Non DTS and DTS including Axius

MERCURY DIESEL TDI AXIUS HARNESS ADAPTER



84-**8M0079849**

Harness adapter Axius
Mercury Diesel TDI 3.0L and 4.2L Sterndrive

MERCURY DIESEL TDI DRIVE LUBE MONITOR EXTENSION HARNESS



84-**8M0080787**

Harness Extension - Drive Lube Monitor
Mercury Diesel TDI 3.0L and 4.2L Sterndrive

SHIFT ACTUATOR HARNESS



84-**879312T12**

Shift actuation harness.
Sterndrive harness extension

EXTENSION HARNESS- NEUTRAL SAFETY



84-**899887T01**

Harness extension used with neutral safety switch. (DTS Shift Actuator)
Sterndrives (DTS)

SWITCH EMERGENCY STOP



84-**8M6000699**

E-Stop switch for emergency stop
All diesel engines (SC 2.5)

KEY SWITCH EXTENSION - NO CRANK - 20 FT



84-**879312T77**

20 ft. length. This extension is used when the remote mounting a keyswitch (no crank possible). Only has off/on functions.
Used on all DTS engines.

KEY SWITCH EXTENSION - NO CRANK - 30 FT

84-**879312T78**

30 ft. length. This extension is used when the remote mounting a keyswitch (no crank possible). Only has off/on functions.
Used on all DTS engines.

KEY SWITCH EXTENSION - NO CRANK - 40 FT

84-**879312T79**

40 ft. length. This extension is used when the remote mounting a keyswitch (no crank possible). Only has off/on functions.
Used on all DTS engines.

VESSEL PANELS DTS

VESSEL INTERFACE PANEL



84-**8M0070056**

Vessel interface Panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

DTS Inboard (SC 2.2)

8M0086566

Vessel interface panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

DTS Inboard (SC 2.5)

84-**8M0070058**

Vessel interface panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

DTS Inboard + Troll (SC 2.2)

8M0086567

Vessel interface panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

DTS Inboard + Troll (SC 2.5)

VESSEL INTERFACE PANEL - QSB/QSC/QSL/QSM

84-**8M0070060**

Vessel interface panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data.

NON-DTS Inboard (SC 2.2), QSB/QSC/QSL/QSM

VESSEL PANEL -VIP - QSB/QSC/QSL/QSM

8M0086565

Vessel interface panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

NON-DTS Inboard (SC 2.5)

84-**8M0070062**

Vessel interface panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

DTS Sterndrive (SC 2.2)

VESSEL INTERFACE PANEL - QSB/QSC/QSL/QSM

84-**8M0070063**

Vessel interface panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

NON-DTS Sterndrive (SC 2.2), QSB/QSC/QSL/QSM

VESSEL PANEL KIT



8M0070435

VIP Kit with Harness, VIP and Operations Manual Flashed with software. (Includes 8M0070064)

Zeus Twin (SC 2.2)

VESSEL PANEL KIT



8M0072599

VIP Kit with Harness, VIP and Operations Manual Flashed with software. (Includes 8M00787774)

Zeus Twin (SC 2.5)

VESSEL PANEL -VIP - QSB/QSC/QSL/QSM



84-**8M0070064**

Vessel integration panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

Zeus (SC 2.2)

8M0088792

Vessel integration panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

Zeus (SC 2.5)

VESSEL INTERFACE PANEL

84-**8M0070055**

Vessel integration panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data .

DTS Hydra Triple Zeus (SC 3.0)

VESSEL PANEL -VIP - QSB/QSC/QSL/QSM

84-**8M0070053**

Vessel integration panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

DTS Hydra Quad Zeus (SC 3.0)

VESSEL INTERFACE PANEL - NO SIM

84-**8M6001456**

Service Vessel interface panel without Sim. Used to service all VIP boxes for single and twin models. (White Box)

QSB/QSC/QSL/QSM Single and Twin engines (Inboard, Sterndrive and Zeus)

84-**8M6001455**

Service Vessel interface panel without Sim. Used to service all VIP boxes for triple models. (White Box)

QSB/QSC/QSL/QSM Triple engines (Zeus)

84-**8M6001454**

Service Vessel interface panel without Sim. Used to service all VIP boxes for Quad models. (White Box)

QSB/QSC/QSL/QSM Quad engines (Zeus)

PANELS DTS

MERCURY DIESEL VESSEL INTERFACE PANEL - DTS INBOARD



84-**8M0070066**

Vessel Inteface Panel: includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

Mercury Diesel - DTS Inboard (SC 2.2), Tier 2 (2.0L, 2.8L and 4.2L inline engines)

MERCURY DIESEL VESSEL INTERFACE PANEL - DTS INBOARD (TROLL)

84-**8M0070068**

Vessel Interface Panel: includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data.

Mercury Diesel - DTS Inboard + Troll (SC 2.2), Tier 2 (2.0L, 2.8L and 4.2L inline engines)

MERCURY DIESEL VESSEL INTERFACE PANEL - DTS STERNDRIVE

84-**8M0070069**

Vessel Interface Panel: includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

Mercury Diesel - DTS Sterndrive (SC 2.2), Tier 2 (2.0L, 2.8L and 4.2L inline engines)

MERCURY DIESEL VESSEL INTERFACE PANEL - AXIUS GEN II

84-**8M0070070**

Vessel Interface Panel: includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

Mercury Diesel - Axius Gen II (SC 2.5), Tier 2 (2.0L, 2.8L and 4.2L inline engines)

VESSEL INTERFACE PANEL - NO SIM

84-**8M6000701**

service Vessel Interface Panel without Sim. Used to service all VIP boxes DTS models. (White Box)

DTS QSD engines (Inboard, Sterndrive and Axius)

PANELS NON DTS

VESSEL INTERFACE PANEL - QSB/QSC/QSL/QSM



84-**8M0070060**

Vessel interface panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data.

NON-DTS Inboard (SC 2.2), QSB/QSC/QSL/QSM

VESSEL PANEL -VIP - QSB/QSC/QSL/QSM

8M0086565

Vessel interface panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

NON-DTS Inboard (SC 2.5)

VESSEL INTERFACE PANEL - QSB/QSC/QSL/QSM

84-**8M0070063**

Vessel interface panel for QSB/QSC/QSL/QSM diesel engines that includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

NON-DTS Sterndrive (SC 2.2), QSB/QSC/QSL/QSM

VESSEL INTERFACE PANEL - NO SIM

84-**8M6001456**

Service Vessel interface panel without Sim. Used to service all VIP boxes for single and twin models. (White Box)

QSB/QSC/QSL/QSM Single and Twin engines (Inboard, Sterndrive and Zeus)

MERCURY DIESEL VESSEL INTERFACE PANEL - MECH INBOARD

84-**8M0070071**

Vessel Interface Panel: includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

Mercury Diesel - Mechanical Inboard (SC 2.2), Tier 2 (2.0L, 2.8L and 4.2L inline engines)

MERCURY DIESEL VESSEL INTERFACE PANEL - MECH STERNDRIVE

84-**8M0070072**

Vessel Interface Panel: includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data

Mercury Diesel - Mechanical Sterndrive (SC 2.2), Tier 2 (2.0L, 2.8L and 4.2L inline engines)

VESSEL INTERFACE PANEL - NO SIM

84-**8M6000703**

Service Vessel Interface Panel without Sim. Used to service all VIP boxes for Non DTS models. (White Box)

Non DTS QSD engines (Inboard and Sterndrives)

SIMS MODULE- SERVICE



8M2004362
Sims Only with software (service software)
QSD Non DTS - Inboard (SC 2.0)

8M2004360
Sims Only with software (service software)
QSD Non DTS - Sterndrive (SC 2.0)

VIP MODULES -INTERFACE PANELS

VIP MODULE WITH SOFTWARE



77-**8M0075826**
VIP Module loaded with specific software
QSD Inboard SC 2.2 DTS and QSB, QSC and QSM Inboard SC 2.2 DTS

77-**8M0089513**
VIP Module loaded with specific software
QSB, QSC, QSM Inboard SC 2.5 DTS

77-**8M0075829**
VIP Module loaded with specific software
QSD Inboard Plus Troll SC 2.2 DTS and QSB,QSC,QSM Inboard Plus Troll SC 2.2 DTS

77-**8M0089514**
VIP Module loaded with specific software
QSB,QSC,QSM Inboard Plus Troll SC 2.5 DTS

77-**8M0075831**
VIP Module loaded with specific software
QSB,QSC, QSM Inboard SC 2.2 Non DTS

77-**8M0089515**
VIP Module loaded with specific software
QSB,QSC,QSM Inboard SC 2.5 Non DTS

77-**8M0075833**
VIP Module loaded with specific software
QSD Sterndrive SC 2.2 DTS and QASB,QSC,QSM Sterndrive SC 2.2 DTS

VIP MODULE

77-**8M0078044**
VIP Modules with Software
QSB/QSC/QSL/QSM Sterndrive DTS SC 2.5

VIP MODULE STERNDRIVE NON DTS SC 2.5

77-**8M0078045**
VIP Modules with Software
QSB/QSC/QSL/QSM Sterndrive Non DTS SC 2.5

VIP MODULE WITH SOFTWARE

77-**8M0075836**
VIP Module loaded with specific software
QSB,QSC,QSM Zeus SC 2.2 DTS

77-**8M0089516**
VIP Module loaded with specific software
QSB,QSC,QSM Zeus SC 2.5 DTS

77-**8M0075824**
VIP Module loaded with specific software
Zeus Hydra Triple and Quad SC 3.0 DTS

MERCURY DIESEL VESSEL INTERFACE PANEL - MECH INBOARD



84-**8M0070071**
Vessel Interface Panel: includes a SIM and loaded software for a specific engine family. (White Box)
VIP communicates diesel engine data
Mercury Diesel - Mechanical Inboard (SC 2.2), Tier 2 (2.0L, 2.8L and 4.2L inline engines)

VIP MODULE WITH SOFTWARE



77-**8M0075826**
VIP Module loaded with specific software
QSD Inboard SC 2.2 DTS and QSB, QSC and QSM Inboard SC 2.2 DTS

77-**8M0075829**
VIP Module loaded with specific software
QSD Inboard Plus Troll SC 2.2 DTS and QSB,QSC,QSM Inboard Plus Troll SC 2.2 DTS

77-**8M0075833**
VIP Module loaded with specific software
QSD Sterndrive SC 2.2 DTS and QASB,QSC,QSM Sterndrive SC 2.2 DTS

77-**8M0075842**
VIP Module loaded with specific software
QSD Axius Gen II SC 2.5 DTS

77-**8M0075843**
VIP Module loaded with specific software
QSD Inboard SC 2.2 Non DTS

77-**8M0075835**
VIP Module loaded with specific software
QSD Sterndrive SC 2.2 Non DTS

MERCURY DIESEL 2.0L VESSEL INTERFACE PANEL - DTS INBOARD



8M0089492

Vessel Interface Panel: loaded with software specific to this application.

Mercury Diesel 2.0L - DTS Inboard, Tier 3

MERCURY DIESEL 2.0L VESSEL INTERFACE PANEL - DTS STERNDRIVE

8M0089494

Vessel Interface Panel: loaded with software specific to this application.

Mercury Diesel 2.0L - DTS Sterndrive, Tier 3

MERCURY DIESEL 2.0LVESSEL INTERFACE PANEL - MECH INBOARD

8M0089495

Vessel Interface Panel: loaded with software specific to this application.

Mercury Diesel 2.0L - Mechanical Inboard, Tier 3

MERCURY DIESEL 2.0L VESSEL INTERFACE PANEL - MECH STERNDRIVE (ALPHA)

8M0089496

Vessel Interface Panel: loaded with software specific to this application.

Mercury Diesel 2.0L - Mechanical Sterndrive (Alpha), Tier 3

MERCURY DIESEL 2.0L VESSEL INTERFACE PANEL - MECH STERNDRIVE (BRAVO)



8M0091581

Vessel Interface Panel: loaded with software specific to this application.

Mercury Diesel 2.0L - Mechanical Sterndrive (Bravo), Tier 3

HELM PANEL DTS - MAIN STATION

HELM PANEL BOARD



8M0071493

This helm board includes CCM, harness, and hardware used to install DTS Single engine applications.

Cummins Single DTS.

MERCURY DIESEL SINGLE ENGINE SINGLE HELM PANEL DTS BOARD

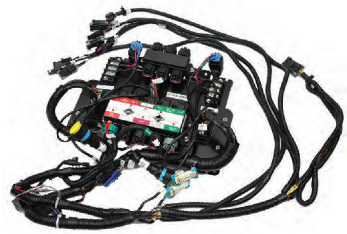


84-**8M0071357**

This helm board includes CCM, harness and hardware needed to install DTS on single applications.

Mercury Diesel Tier 2: Single engine DTS applications (Inboards and Sterndrives (SC 2.2))

HELM PANEL BOARD

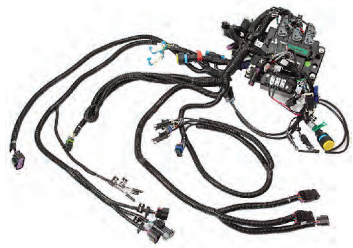


8M0071494

This helm board includes CCM, harness, and hardware used to install DTS Twin engine applications

Cummins Dual DTS

MERCURY DIESEL HELM PANEL BOARD - AXIUS GEN II



98-**8M3800000**

This helm board will include CCM's, Harness and Hardware needed to Gen II Axius on diesle DTS engines (specific application)

Mercury Diesel Axius Gen II (SC 2.5) on Tier 2 4.2L engine

ZEUS HELM BOARD



84-**8M0139671**

Zeus helm board for 2.5+ applications

Zeus dual engine only

HELM PANEL DTS - SECOND STATION

MERCURY DIESEL DUAL ENGINE SECOND HELM PANEL DTS KIT

8M0071420

This helm panel kit is used for the second helm station for dual diesel engine applications. It includes the helm board with CCM loaded software, hardware, harness, start/stop switch and hardware.

Mercury Diesel Tier 2: Dual DTS engine (Inboards, Inboards +Troll and Sterndrive - Uses CCM 48)

CCM SERVICE MODULES

CCM MODULE SC 2.5



77-**8M0075773**

CCM Module with Software (CCM10)

QSB,QSC,QSL,QSM Inboard, Inboard plus Troll and Sterndrive CCM Module SC 2.5

CCM MODULE SC 2.2 STBD



77-**8M0075786**

CCM Module with Software (CCM 48)

QSB,QSC,QSM Zeus CCM Module SC 2.2

CCM MODULE SC 2.2 PORT

77-**8M0075787**

CCM Module with Software (CCM 48)

QSB,QSC,QSM Zeus CCM Module SC 2.2

CCM MODULE SC 2.2

77-**8M0075795**

CCM Module with Software (CCM 48)

QSB, QSC, QSM, QSD Inboards and Sterndrives - CCM Module SC 2.2

CCM MODULE - ZEUS HYDRA



77-**8M0075767**

CCM Module with Software (CCM10)

Multiple Engine Zeus Hydra - Triple and Quad

CCM MODULE SC 2.2



77-**8M0075809**

CCM Module with Software (CCM 48)

QSD,QSB,QSC,QSM AutoPilot Module

CCM MODULE AXIUS GEN II



77-**8M0075769**

CCM Module with Software (CCM10)

QSD Axius Gen II SC 2.5 (CCM 10) Twin Engines

CCM MODULE SC 2.2 PORT



77-**8M0075794**

CCM Module with Software (CCM 48)

QSD Axius Gen I - CCM Module SC 2.2

CCM MODULE SC 2.2

77-**8M0075795**

CCM Module with Software (CCM 48)

QSB, QSC, QSM, QSD Inboards and Sterndrives - CCM Module SC 2.2

ADAPTERS AND HARNESSES

SHIFT ACTUATOR HARNESS



84-**879312T12**

Shift actuation harness.
Sterndrive harness extension

VESSEL SENSOR HARNESS



84-**879312T13**

Vessel sensor harness with neutral safety.

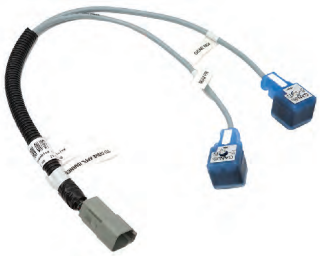
EXTENSION HARNESS- NEUTRAL SAFETY



84-**899887T01**

Harness extension used with neutral safety switch. (DTS Shift Actuator)
Sterndrives (DTS)

GEAR ACTUATOR HARNESS



84-**879312T10**

Gear actuator harness.
On/Off
Forward/Reverse.
Inboard with DIN connector.

GEAR ACTUATOR HARNESS



84-**879312T23**

DTS Inboard with fuel injector connector (ZF gear actuation)

HARNESS MERCATHODE 12 V



84-**879148T41**

Harness for 12 volt MerCathode installation
Zeus QSB/QSC EA 9164 QSM SV 2709

HARNESS MERCATHODE 24 V



84-**897345T63**

Harness used with MerCathode 24 volt
Zeus QSB/QSC EA 9165 QSM SV2709

MUS ID JUMPER



84-**8M2004357**

MUS ID Jumper - assigns the City ID to be used for a diesel engine
Used to identify the Port Outer diesel engine in a dual, triple or quad application

84-**8M0109294**

MUS ID Jumper - assigns the City ID to be used for a diesel engine
Used to identify the Starboard Inner diesel engine in a triple or quad application

84-**8M0109337**

MUS ID Jumper - assigns the City ID to be used for a diesel engine
Used to identify the Starboard Outer diesel engine in a single, dual, triple or quad application

HARNESS ASSEMBLY



84-**899887T02**

Mercury Diesel Inboards (both DTS and Mechanical)

DRIVE APPLICATION HARNESS EXTENSION



84-**879172T90**

5 ft. drive application extension harness

Zeus applications

84-**879172T91**

10 ft. drive application extension harness

Zeus applications

84-**879172T93**

20 ft. drive application extension harness

Zeus applications

HARNESS EXTENSION - ENGINE TO VIP



84-**879345T61**

5 ft. Harness extension used to extend length from engine to VIP

Mercury Diesel - Sterndrives and Inboards (DTS and Mechanical) - does not apply to TDI

84-**879345T62**

10 ft. Harness extension used to extend length from engine to VIP

Mercury Diesel - Sterndrives and Inboards (DTS and Mechanical) - does not apply to TDI

84-**879345T63**

15 ft. Harness extension used to extend length from engine to VIP

Mercury Diesel - Sterndrives and Inboards (DTS and Mechanical) - does not apply to TDI

84-**879345T64**

20 ft. Harness extension used to extend length from engine to VIP

Mercury Diesel - Sterndrives and Inboards (DTS and Mechanical) - does not apply to TDI

POWER HARNESS



84-**899887T13**

(10 ft.) Engine unswitched power harness

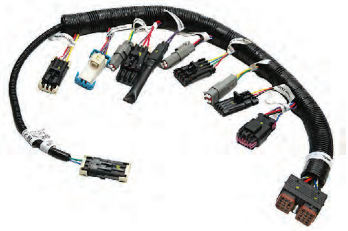
All diesels - both Non DTS and DTS

84-**899887T14**

(20 ft.) Engine unswitched power harness

All diesels - both Non DTS and DTS

VESSEL SENSOR HARNESS STERNDRIVE



84-**8M0118368**

Harness used to connect vessel sensors - Optional

All Sterndrive Diesels Non DTS and DTS Including Axius (not for TDI) and does not work with SmartCraft depth or steering sensors

VESSEL SENSOR HARNESS - INBOARDS



84-**899887T08**

Harness used to connect vessel sensors - Optional

All Inboards Diesels Non DTS and DTS (not for TDI) and does not work with SmartCraft depth or steering sensors

VESSEL SENSOR EXTENSION HARNESS



84-**899888T21**

5 ft. Vessel sensor extension harness (optional).

All Diesel products Non DTS and DTS including Axius

84-**899888T22**

10 ft. Vessel sensor extension harness (optional).

All Diesel products Non DTS and DTS including Axius

84-**899888T23**

15 ft. Vessel sensor extension harness (optional).

All Diesel products Non DTS and DTS including Axius

VESSEL SENSOR EXTENSION HARNESS



84-**899887T17**

20 ft. Vessel sensor extension harness (optional).

All Diesel products Non DTS and DTS including Axius

HARNESS ADAPTER HALON



84-**879312T20**

This adapter harness (halon) is used on non DTS diesel installations. Order 1 for singles and 2 for twin engine installs.

Mercury Diesel Mechanical engines

HARNESS ADAPTER LANYARD



84-**879312T21**

This lanyard adapter harness is used in the helm station for Non DTS Diesel engines. Order 1 for singles and 2 for twin engine installs.

Non DTS QSB,QSC,QSL,QSM and QSD helm stations

84-**879312T22**

This lanyard adapter harness is used in the helm station for Non DTS Diesel engines. Order 1 for singles and 2 for twin engine installs.

Non DTS QSB,QSC,QSL,QSM and QSD helm stations

JOYSTICK: MAIN POWER RELAY HARNESS - 20 FT.



84-**897345T08**

Powers CCMs and TVMs for Joystick installations. Used in addition to 5 amp clean power harness. (20 ft. long)

FUEL LEVEL HARNESS



84-**8M0089989**

4 pin fuel level harness used in conjunction with the applicable diesel vessel sensor harness to get up to two tank inputs per diesel engine.

Applies to all diesel applications from calendar year 2014 and later. Number of available tank inputs are specific to each diesel engine application (typically 1 to 2 per engine).

MISCELLANEOUS ACCESSORIES

These electrical accessories are for Diesel Installations

SHIFT ACTUATOR ASY



8M0111459

DTS Shift Actuator

Diesel Sterndrives (DTS)

VIBRATION ISOLATOR KIT



8M2011935

Vibration isolator kit

For mounting a Mercury ECU (which does need vibration isolation)

MATCHED KEY SWITCH KIT



87-**8M3001384**

Matched pair of 4 position key switches and keys along with the switch housings.
Can be used with any dual engine application that utilizes the 6 pin key switch connectors at the helm

SMARTCRAFT RIGGING

ACTIVE TRIM

Active Trim

Active Trim is an integrated GPS, speed-based automatic engine trim system from Mercury Marine. This intuitive, hands-free system continually adjusts engine trim based on changes in boat speed to improve performance, fuel economy, and ease of operation. It responds to boat maneuvers with precision and delivers a better overall driving experience. No knowledge of trimming an engine is needed to take advantage of Active Trim.

- As the boat accelerates, the engine will trim out
- As the boat decelerates, e.g. making a turn, the engine will trim in
- Active Trim can be overridden at any time by using the manual trim buttons
- Active Trim allows the boat operator to compensate for changes in boat load, driver preferences, and weather conditions while maintaining full automatic control

Active Trim is compatible with:

- Mercury FourStroke outboards from 40 to 400 HP
- Mercury SmartCraft-capable two-stroke outboards
- Mercury SmartCraft-capable gas and diesel sterndrive engines with digital trim senders



Engine Applications	Number of Engines	Part Number w Dash Pad	Part Number no Dash Pad
Digital Throttle & Shift (DTS) (Outboard and MerCruiser)	1 - 4	8M0111544	8M0129437
Race DTS (Outboard and MerCruiser)	1 - 4	8M0113442	8M0129438
150HP FourStroke / 150-250HP OptiMax (tiller excluded)	1	8M0111545	8M0129439
150HP FourStroke / 150-250HP OptiMax	2	8M0111552	8M0129440
75 – 115HP FourStroke (tiller excluded)	1	8M0111546	8M0129442
75 – 115HP FourStroke	2	8M0111553	8M0129456
40 – 60HP FourStroke (tiller excluded)	1	8M0111547	N/A
4.5L & 6.2L 300/350HP mechanical MerCruiser with digital trim sender	1	8M0111550	8M0129457
4.5L & 6.2L 300/350HP mechanical MerCruiser with digital trim sender	2	8M0111554	8M0129458

Note: The Active Trim Kit may include the Active Trim pad, ECU, harness and if necessary, digital trim sender. Active Trim part numbers are specific to engine families. Additional parts may be required dependent on boat rigging.

MERCURY GO BOLDLY.™

Learn more at mercurymarine.com

ACTIVE TRIM

Active Trim is Mercury Marine's patented GPS-based automatic engine trim system. This intuitive, hands-free system continually adjusts engine trim for changes in operating conditions to improve performance, fuel economy, and ease of operation. It responds to boat maneuvers with precision and delivers a better overall driving experience.



ACTIVE TRIM KITS

ACTIVE TRIM - DTS



8M0111544

The Active Trim Kit includes Active Trim pad, ECU and harness. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Single - Quad Engine Verado 200-400HP and Single & Dual Engine DTS/JPS MerCruiser Sterndrive

ACTIVE TRIM - MECHANICAL MERCRUISER - SINGLE ENGINE



8M0111550

The Active Trim Kit includes Active Trim pad, ECU and harness. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Single Engine Mechanical Sterndrive 4.5L and 6.2L 300-350HP Only

ACTIVE TRIM - MECHANICAL MERCRUISER - DUAL ENGINE



8M0111554

The Active Trim Kit includes Active Trim pad, ECU and harness. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Dual Engine Mechanical Sterndrive 4.5L and 6.2L 300 & 350HP only

ACTIVE TRIM - 3.4L V6 AND 4.6L V8, 150HP FOURSTROKE, OPTIMAX 150-250HP - SINGLE ENGINE



8M0111545

The Active Trim Kit includes Active Trim pad, ECU and harness. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Single Engine 3.4L V6 175-225hp, 4.6L V8 200-300hp, 150HP FourStroke, Optimax 150-250hp

ACTIVE TRIM - 3.4L V6, 4.6L V8, 150HP FOURSTROKE, OPTIMAX 150-250HP - DUAL ENGINE



8M0111552

The Active Trim Kit includes Active Trim pad, ECU and harness. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Dual Engine 3.4L V6, 4.6L V8, 150HP FourStroke and Optimax 150-250hp

ACTIVE TRIM - 75-115HP FOURSTROKE - SINGLE ENGINE



8M0111546

The Active Trim Kit includes Active Trim pad, ECU, harness and digital trim sender. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Single Engine 75-115HP FourStroke (SN 2B095049 and up)

ACTIVE TRIM - 75-115HP FOURSTROKE - DUAL ENGINE



8M0111553

The Active Trim Kit includes Active Trim pad, ECU, harness and digital trim sender. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Dual Engine 75-115HP FourStroke (SN 2B095049 and up)

ACTIVE TRIM - 40-60HP FOURSTROKE - SINGLE ENGINE



8M0111547

The Active Trim Kit includes Active Trim pad, ECU, harness and digital trim sender. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Single Engine Gen 5 40-60HP FourStroke (SN 1C453940 and up)

PERFORMANCE ACTIVE TRIM



8M0113442

The Active Trim Kit includes Active Trim pad, ECU and harness. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Greater than 70 mph Single - Quad Engine Verado 200-400HP and Single - Dual Engine 500+HP DTS High Performance Sterndrives

ACTIVE TRIM - DTS (WITHOUT TRIM PAD)

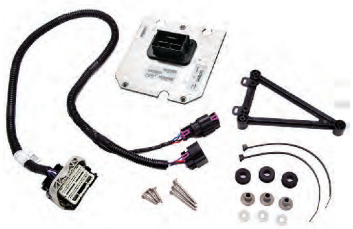


8M0129437

The Active Trim Kit includes the ECU and harness. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Single - Quad Engine Verado 200-400HP and Single & Dual Engine DTS/JPS MerCruiser Sterndrive and using a VesselView 502 or 702 and newer display or using a VesselView Link and Lowrance or Simrad display.

PERFORMANCE ACTIVE TRIM (WITHOUT TRIM PAD)



8M0129438

The Active Trim Kit includes the ECU and harness. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Greater than 70 mph Single - Quad Engine Verado 200-400HP and Single - Dual Engine 500+HP DTS High Performance Sterndrives and using a VesselView 502 or 702 and newer display or using a VesselView Link and Lowrance or Simrad display.

ACTIVE TRIM - 3.4L V6, 4.6L V8, 150HP FOURSTROKE, OPTIMAX 150-250HP - SINGLE ENGINE (WITHOUT TRIM PAD)



8M0129439

The Active Trim Kit includes the ECU and harness. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Single Engine 3.4L V6, 4.6L V8, 150HP FourStroke and Optimax 150-250hp and using a VesselView 502 or 702 and newer display or using a VesselView Link and Lowrance or Simrad display.

ACTIVE TRIM - 3.4L V6, 4.6L V8, 150HP FOURSTROKE, OPTIMAX 150-250HP - DUAL ENGINE (WITHOUT TRIM PAD)



8M0129440

The Active Trim Kit includes the ECU and harness. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Dual Engine 3.4L V6, 4.6L V8, 150HP FourStroke and Optimax 150-250hp and using a VesselView 502 or 702 and newer display or using a VesselView Link and Lowrance or Simrad display.

ACTIVE TRIM - 75-115HP FOURSTROKE - SINGLE ENGINE (WITHOUT TRIM PAD)



8M0129442

The Active Trim Kit includes the ECU, harness and digital trim sender. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Single Engine 75-115HP FourStroke and using a VesselView 502 or 702 and newer display or using a VesselView Link and Lowrance or Simrad display (s/n 2B095049 and up).

ACTIVE TRIM - MECHANICAL MERCRUISER - SINGLE ENGINE (WITHOUT TRIM PAD)

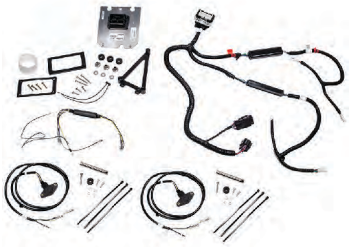


8M0129457

The Active Trim Kit includes the ECU and harness. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Single Engine Mechanical Sterndrive 4.5L and 6.2L 300-350HP only and using a VesselView 502 or 702 and newer display or using a VesselView Link and Lowrance or Simrad display.

ACTIVE TRIM - 75-115HP FOURSTROKE - DUAL ENGINE (WITHOUT TRIM PAD)



8M0129456

The Active Trim Kit includes the ECU, harness and digital trim sender. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Dual Engine 75-115HP FourStroke and using a VesselView 502 or 702 and newer display or using a VesselView Link and Lowrance or Simrad display (s/n 2B095049 and up).

ACTIVE TRIM - MECHANICAL MERCRUISER - DUAL ENGINE (WITHOUT TRIM PAD)



8M0129458

The Active Trim Kit includes the ECU and harness. Active Trim part numbers are specific to engine families. Ensure correct kit is ordered. Additional parts may be required dependent on boat rigging.

Dual Engine Mechanical Sterndrive 4.5L and 6.2L 300 & 350HP only and using a VesselView 502 or 702 and newer display or using a VesselView Link and Lowrance or Simrad display.

ACTIVE TRIM - PAD ONLY



8M0112041

Active trim pad for second helm and/or service replacement

TRIM SENDER- 25-30 HP

Image not Available.

8M0205046

Trim Sender kit for 25-30hp

Compatible with analog or digital

DIGITAL TRIM SENDER KIT - 40-60HP FOURSTROKE



8M0109720

Digital Trim Sender Kit

40-60HP FourStroke

DIGITAL TRIM SENDER KIT - 75-115HP FOURSTROKE



8M0109722

Digital Trim Sender Kit

2.1L 75-115HP FourStroke

TRIM SENSOR CONVERTER KIT



8M0059529

This kit will allow you to convert the signal from the digital sensor to an analog signal. It will allow you to drive an analog gauge for trim only without changing the sensor to an analog sensor. This kit will connect directly to the harness inside the engine cowl.

F150 EFI FourStroke outboard engine only

DIGITAL TO ANALOG CONVERTER

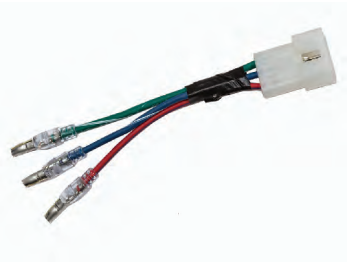


8M0111837

Enables use of analog trim gauge with digital trim sender

F2 40-60 HP FourStrokes, 2.1L 75-115 HP FourStrokes and Optimax V6

ACTIVE TRIM SIDE MOUNT ADAPTER KIT



84-**8M0114502**

Kit contains bullet to Molex connector to make Active Trim compatible with mechanical side mount control.

Only required on boats utilizing mechanical side mount control

JUNCTION BOXES/JUNCTION BOX ACCESSORIES

SMARTCRAFT WEATHER CAP



859318T 2
Weather Cap for SmartCraft Junction Box
Provides weather protection at unused junction box connection points

859318B 2
Weather Cap for SmartCraft Junction Box
Provides weather protection at unused junction box connection points
Priced individually, sold @ multiples of 24

10 PIN WEATHER CAP



888507T
10 pin weather cap with mounting tab.
Used for harnessing that could plug into a Junction Box.

SMARTCRAFT J-BOX TERMINATOR/RESISTOR



859318T 1
SmartCraft Yellow 10-pin Terminator/Resistor.
Provides CAN Bus termination for CAN P network.

TERMINATOR ASSEMBLY

Image not Available.

859318A04
Terminator Assembly for CAN 1 and 3.

SMARTCRAFT J-BOX TERMINATOR/RESISTOR



859318B 1
SmartCraft Yellow Junction Box Terminator/Resistor
Provides CAN Bus termination where installed
Priced individually, sold @ multiples of 24

TERMINATOR ASSEMBLY



8M0055652
SmartCraft Red Terminator Can 1/P & H

RESISTOR- TERMINATION- 2 PIN



893388A01
Blue 2-pin terminator/resistor
Provides CAN bus termination for CAN Networks.

HELM MPR 2 PIN WEATHER CAP



86-**8M0054244**
GT280 2 pin male weather cap.
Used on Joystick (Zeus, Axius and JPO) applications for the Helm MPR connection harness 8M2021476.

PLUG ASY DIAGNOSTIC PORT



8M0046339

10 pin diagnostic port for use on any SmartCraft application.

Used as a 10 pin diagnostic port for connecting Mercury Computer Diagnostic System (CDS) junction box connection. Typically gets mounted at the helm, out of line of sight so that a technician does not have to disassemble helm to plug into a 10 pin connection. Requires a harness from back of diagnostic port to a 10 pin SmartCraft connection in the rigging.

J-BOX Y HARNESS



84-**8M0165555**

J-box Y harness

5-WAY J-BOX KIT W/3 WEATHER CAPS



98-**8M0165557**

5-way J-box kit with 3 weather caps.

5-WAY J-BOX KIT @ 24 KIT

Image not Available.

8M0175293

5-way Jbox kit.

Priced individually, sold @ multiples of 24

J-BOX STACKING PLUG KIT

Image not Available.

23-**8M0174363**

J-box Stacking Plug designed for easy vertical stacking of J-Boxes, allowing all plugs to be positioned on one side.

BLUE CAN P RESISTOR

Image not Available.

82-**8M0171627**

CAN P resistor, blue

SMARTCRAFT GAUGE HARNESSES

SC1000 SYSTEM TACHOMETER HARNESS



84-**879979T11**

3 ft. (.9 meters) Tachometer Harness.

Provides connection to SC1000 System Tachometer, horn and SC100 Series Gauges. Requires the use of SmartCraft Junction Boxes listed in SC1000 Section.

SC1000 SYSTEM SPEEDOMETER HARNESS



84-**879978T11**

3 ft. (.9 meters) Speedometer Harness.

Provides connection to SC1000 System Speedometer, air temp, GPS (0183) and horn. Requires the use of SmartCraft Junction Boxes listed in SC1000 Section. See SC1000 System Speedometer product in SC1000 Section.

3 FOOT SMARTCRAFT EXTENSION HARNESS



84-**8M0138593**

All 10 pins are populated in this SmartCraft 3 foot extension harness.

Used to extend SmartCraft connections up to 3 feet.

DUAL ENGINE INSTRUMENT ADAPTER



84-**892323T01**

Allows gauges to be powered from any key switch on dual applications.
Works with all SmartCraft compatible engines.

TRIPLE ENGINE INSTRUMENT ADAPTER

84-**892323T08**

Allows gauges to be powered from any key switch on triple applications.
Works with all SmartCraft compatible engines.

HARNESS ASSEMBLY- DUAL

Image not Available.

84-**892323A10**

Racing Dual engine Mechanical jbox adapter with CANP link and diodes. Use with racing mech 14 pin helm harness.

QUAD ENGINE INSTRUMENT ADAPTER



84-**898284T01**

Allows gauges to be powered from any key switch on triple applications.
Works with all SmartCraft compatible engines.

TROLL CONTROL Y HARNESS



84-**8M0042976**

Y harness allows you to connect directly to main engine harness and the Troll Control kit without using a "J" box. Mechanical 14pin CANP breakout harness only. Not compatible with Next Gen DTS or any other CANH system.
Used with Troll Control Kit 879365K08 (879365A08).

SC 100 LINK HARNESSES

SYSTEM LINK ADAPTER KIT



84-**8M0052774**

Kit that drives SC100 Link Gauges from 10 Pin connection at the helm. Contains 10 pin to 3 pin adapter and 3 pin to 3 pin low voltage reset module.
Engine must be capable of providing Tach Link output and gray analog tach wire must be populated in 10 pin connection at helm in order to utilize this kit.

SYSTEM LINK RESET HARNESS



898289T42

Resets SC 100 gauges in the event of voltage drops due to starting engine with a low/weak battery. Use in conjunction with System Link Harness (84-892821K01).
SmartCraft SC 100 gauges

SC 100 DATA HARNESS



84-**880756T05**

6 in. SmartCraft Extension Harness
Provides data link extension between SC100 Series products.

SC 100 DATA HARNESS



84-**880756T 1**

1 ft. (.3 meters) SmartCraft Extension Harness
Provides data link extension between SC100 Series products.

84-**880756T 3**

3 ft. (.9 meters) SmartCraft Extension Harness
Provides data link extension between SC100 Series products.

84-**880756T10**

10 ft. (3.0 meters) SmartCraft Extension Harness

Provides data link extension between SC100 Series products.

84-**880756T30**

30 ft. (9.1 meters) SmartCraft Extension Harness

Provides data link extension between SC100 Series products.

10 PIN (YELLOW) DATA HARNESSES

CAN DATA HARNESS - 10 PIN - NO RESISTORS DTS (YELLOW)



84-**879312T44**

1 ft. (0.3 meter) SmartCraft data harness without resistors. Contains CAN 1, 2, and 3.

Provides data link between SmartCraft System CAN Bus components on DTS applications (Digital Throttle & Shift).

84-**879312T45**

2 ft. (0.6 meter) SmartCraft data harness without resistors. Contains CAN 1, 2, and 3.

Provides data link between SmartCraft System CAN Bus components on DTS applications (Digital Throttle & Shift).

84-**879312T46**

3 ft. (0.9 meter) SmartCraft data harness without resistors. Contains CAN 1, 2, and 3.

Provides data link between SmartCraft System CAN Bus components on DTS applications (Digital Throttle & Shift).

84-**879312T47**

4 ft. (1.2 meter) SmartCraft data harness without resistors. Contains CAN 1, 2, and 3.

Provides data link between SmartCraft System CAN Bus components on DTS applications (Digital Throttle & Shift).

CAN DATA HARNESS - 10 PIN - NO RESISTORS (YELLOW)

84-**879969T 6**

6 ft. (1.8 meter) SmartCraft data harness without resistors

Provides data link between SmartCraft CAN P, X and H components.

84-**879969T10**

10 ft. (3.0 meter) SmartCraft data harness without resistors

Provides data link between SmartCraft CAN P, X and H components.

84-**879969T15**

15 ft. (4.6 meter) SmartCraft data harness without resistors

Provides data link between SmartCraft CAN P, X and H components.

84-**879969T20**

20 ft. (6.1 meter) SmartCraft data harness without resistors

Provides data link between SmartCraft CAN P, X and H components.

84-**879969T30**

30 ft. (9.1 meter) SmartCraft data harness without resistors

Provides data link between SmartCraft CAN P, X and H components.

DATA CABLE- 40 FT

Image not Available.

84-**8M0166624**

40 ft. (12.1 meter) SmartCraft data harness without resistors.

Provides data link between SmartCraft CAN P, X and H components

CAN DATA HARNESS - 10 PIN WITH ONE RESISTOR (YELLOW)



84-**879980T10**

10 ft. (3.0 meter) SmartCraft data harness with one resistor

Provides data link between SmartCraft CAN P, X and H components.

84-**879980T15**

15 ft. (4.6 meter) SmartCraft data harness with one resistor

Provides data link between SmartCraft CAN P, X and H components.

84-**879980T30**

30 ft. (9.1 meter) SmartCraft data harness with one resistor

Provides data link between SmartCraft CAN P, X and H components.

10 PIN (BLUE) DATA HARNESSES

CAN DATA HARNESS - 10 PIN NON DTS WITH RESISTORS (BLUE)



84-**879982T20**

20 ft. (6.1 meter) SmartCraft data harness with (2) termination resistors

Includes connections for horn and link gauge. Provides data link between SmartCraft CAN P Components.

84-**879982B20**

20 ft. (6.1 meter) SmartCraft data harness with (2) termination resistors

Includes connections for horn and link gauge. Provides data link between SmartCraft CAN P Components.

Priced individually, sold @ multiples of 12

84-**879982T25**

25 ft. (7.6 meter) SmartCraft data harness with (2) termination resistors

Includes connections for horn and link gauge. Provides data link between SmartCraft CAN P Components.

84-**879982T30**

30 ft. (9.1 meter) SmartCraft data harness with (2) termination resistors

Includes connections for horn and link gauge. Provides data link between SmartCraft CAN P Components.

84-**879982B30**

30 ft. (9.1 meter) SmartCraft data harness with (2) termination resistors

Includes connections for horn and link gauge. Provides data link between SmartCraft CAN P Components.

Priced individually, sold @ multiples of 12

CAN DATA HARNESS - 10 PIN - NO RESISTORS NON DTS (BLUE)



84-879968T 6
6 ft. (1.8 meter) SmartCraft data harness without resistors and no additional connections
Provides data link between SmartCraft CAN P Components.

84-879968T10
10 ft. (3.0 meter) SmartCraft data harness without resistors and no additional connections
Includes connections for horn and link gauge. Provides data link between SmartCraft CAN P Components.

84-879968T15
15 ft. (4.6 meter) SmartCraft data harness without resistors and no additional connections
Provides data link between SmartCraft System CAN Bus Components

84-879968T20
20 ft. (6.1 meter) SmartCraft data harness without resistors and no additional connections
Provides data link between SmartCraft System CAN Bus Components

84-879968T25
25 ft. (7.6 meter) SmartCraft data harness without resistors and no additional connections
Provides data link between SmartCraft System CAN Bus Components

84-879968T30
30 ft. (9.1 meter) SmartCraft data harness without resistors and no additional connections
Provides data link between SmartCraft System CAN Bus Components

84-879968T50
50 ft (15.2 meter) SmartCraft data harness without resistors and no additional connections
Provides data link between SmartCraft System CAN Bus Components

CAN DATA HARNESS - 10 PIN - ONE RESISTOR NON DTS (BLUE)



84-879981T10
10 ft. (3.0 meter) SmartCraft data harness with one resistor
Provides data link between SmartCraft System CAN Bus Components

84-879981T15
15 ft. (4.6 meter) SmartCraft data harness with one resistor
Provides data link between SmartCraft System CAN Bus Components

84-879981T20
20 ft. (6.1 meter) SmartCraft data harness with one resistor
Provides data link between SmartCraft System CAN Bus Components

84-879981B20
20 ft. (6.1 meter) SmartCraft data harness with one resistor
Provides data link between SmartCraft System CAN Bus Components
Priced individually, sold @ multiples of 12

84-879981T25
25 ft. (7.6 meter) SmartCraft data harness with one resistor
Provides data link between SmartCraft System CAN Bus Components

84-879981T30
30 ft. (9.1 meter) SmartCraft data harness with one resistor
Provides data link between SmartCraft System CAN Bus Components

84-879981T50
50 ft. (15.2 meter) SmartCraft data harness with one resistor
Provides data link between SmartCraft System CAN Bus Components

ADAPTER HARNESSES - 10 PIN

ADAPTER-10 PIN



84-892452T01
Male to male 10 pin adapter cable. Allows connection between CAN 1 communication cable and Command Module harness in applications where a junction box is used.

ADAPTER-10 PIN



84-892453A01
Used to adapt a 10-pin male connector to another 10-pin male connector.

"Y" ADAPTER HARNESS - LINK ADAPTER



84-8M0082859
Used on DTS engines that require extend length CAN networks.
Used for long data run multi-engine applications, primarily those utilizing CAN H.

TRIPLE/QUAD LINK HARNESS - 10 FOOT



98-**8M0071598**

Allows multiple Joystick engines to communicate, 10 foot length

10 pin Joystick link harness containing CAn P and CAN H

TRIPLE/QUAD DTS LINK HARNESS

84-**8M0077124**

15 ft. Allows multiple DTS engine connections to link systems to communicate with each command module.

2005 - Present DTS engines CAN P and CAN H Data

84-**8M0077125**

20 ft. Allows multiple DTS engine connections to link systems to communicate with each command module.

2005 - Present DTS engines CAN P and CAN H Data

HARNESS

Image not Available.

84-**8M0176943**

25 ft. Allows multiple DTS engine connections to link systems to communicate with each command module.

2005 - Present DTS engines CAN P and CAN H Data

HARNESS

Image not Available.

84-**8M0176944**

30 ft. Allows multiple DTS engine connections to link systems to communicate with each command module.

2005 - Present DTS engines CAN P and CAN H Data

CAN P LINK HARNESS ASSEMBLY



84-**891957K01**

Link cable in connected between junction boxes to allow communication between port and starboard systems in dual applications.

ADAPTER HARNESSES - 2 PIN

2 PIN LINK HARNESS- CAN



84-**893452A01**

Used to link CAN Networks together.

2 PIN "Y" ADAPTER HARNESS - LINK ADAPTER



84-**896370T01**

Used on DTS engines that require extended length CAN networks.

HARNESS- 6-PIN

Image not Available.

84-**8M0060420**

6pin engine to 2pin WIF sensor.

No SmartCraft fuel or paddle included.

ADD-ON SENSOR HARNESSES

ADVANCED SOUND CONTROL KIT



8M0143359

Provides an interface for a dash-mounted dedicated button or switch to manipulate the Advanced Sound Control capability on Verdao AMS applications (4.6L V8 only).

Optional kit for Verado AMS applications (4.6L V8) that is not required when a version 9 SmartCraft gauge or a VesselView403/502/702/903 or compatible Simrad or Lowrance display is used (control capability is within the user interface).

OIL LEVEL STATUS KIT



8M0142265

Optional kit for to report oil level status to be used in conjunction with SmartCraft gauges or displays.

Feature comes standard on 4.6L V8 Verado AMS. Can be added to 3.4L V6 and 4.8L V8 engines that do not have this feature. Oil level status can be viewed on VesselViews and SmartCraft gauges.

DIGITAL BLOCK WATER PRESSURE SENSOR



71-**8M0142696**

Optional kit to add digital block water pressure to the SmartCraft data stream.

Applicable to the non-DTS 3.4L V6 and 4.6L V8 engines (DTS versions have this sensor as standard).

ANALOG BLOCK WATER PRESSURE SENDER



8M0145165

Optional kit to add analog block water pressure feature to a digital engine.

Applicable to DTS 3.4L V6 and 4.6L V8 engines (mechanical engines have this sensor as standard).

BOAT HARNESS - FUEL/PADDLE



84-**8M0146321**

6-Pin male harness connects tanks and paddle wheel to SmartCraft system. Fixes fuel reading fluctuations.

For all Verado and 2006 and newer SmartCraft compatible outboard engines 75 HP and above. Also fits MCM/MIE engines (s/n 0W650000 and above). Includes fuel/paddle harness, 6 pin adapter, male bullet insulator and terminals.

BOAT HARNESS - FUEL/PADDLE



84-**8M0075945**

6-Pin male harness connects tanks and paddle wheel to SmartCraft system

For all Verado and 2006 and newer SmartCraft compatible outboard engines 75 HP and above. Also fits MCM/MIE engines (s/n 0W650000 and above).

BOAT HARNESS ADAPTER



84-**898285T01**

Needed in order to adapt newer engines that are equipped with a female 6-pin connector to a 6-pin female boat harness.

HARNESS ADAPTER

Image not Available.

84-**8M0060421**

Harness adapter

BOAT HARNESS ADAPTER- 6 PIN F- 6 PIN F 6'



84-**883459T01**

Needed in order to adapt newer engines that are equipped with a female 6-pin connector to connect to a 6-pin female boat harness.

PADDLE WHEEL HARNESS - 5 FOOT EXTENSION



84-**8M0122787**

Paddle Wheel extension harness - 5 feet

PADDLE WHEEL HARNESS - 10 FOOT EXTENSION

84-**864988**

Paddle Wheel extension harness - 10 feet

FUEL TANK HARNESS



84-**898289T75**

120 inch Harness needed to connect tank senders to the 350 Verado SCI and sterndrive models 565 through 1650. Used with all engines, including 450R and V12.

84-**898289T76**

240 inch Harness needed to connect fuel tank senders to the 350 Verado SCI and sterndrive models 565 through 1650.

HARNESS- 6-PIN

Image not Available.

84-**8M0060420**

6pin engine to 2pin WIF sensor.

No SmartCraft fuel or paddle included.

ADAPTER HARNESS

Image not Available.

84-**8M0137199**

Racing 350SCI to 400R Fuel/Paddle/Vessel harness adapter.

BLOCK WATER PRESSURE SENDER

BLOCK WATER PRESSURE DIGITAL KIT



8M0089111

Digital sensor to provide block water pressure on SmartCraft gauges.

2.1L F75-115 Four Stroke

FUEL SENDERS

FUEL GAUGE SENDING UNIT



851052Q

Designed for tanks that have a 5 screw flange. Use with 12 volt system. 33-240 ohm. Adjusts from 4 in. (10.2 cm) to 24 in. (60.7 cm).

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

TRIM SENSORS

POWER TRIM SENDER



891777A01

Starboard Mounted. Required for digital gauge applications.

Fits SmartCraft compatible engines.

SENSOR ASSEMBLY- TRIM



8M0095310

Sender assembly w/ trim.

Fits all MerCruiser DTS engines, 496 Mag and 8.2L MPI models that do not require an analog sender to run analog gauges. All PCM 112 Mercury 4.5L & 6.2 engines. All MCM Racing engines 2003 and later. All MCM Diesel SmartCraft engines w/2.2 and 2.5 software.

SENSOR KIT- TRIM



863187A 2

Sensor kit w/ trim.

Fits all SmartCraft compatible MerCruiser and Mercury Racing product when these models have the 555 ECM. Also used on CMD engines.

ROTOR KIT



805134A 6

Optional rotor required when using SmartCraft instrumentation with the analog trim senders on 2001-2002 MPI engines.
Note: In May of 2002, the ECM 555 controller was modified to allow use of the standard rotor 805134A4 for use with SmartCraft instrumentation which has eliminated the need to swap out the standard H1 rotor with this optional J1 rotor.

For use on 2001-2002 MCM 4.3L, 5.0L, 350 Mag & 6.2L MPI engines with SmartCraft instrumentation (s/n 0M300000-0M362927).

TRANSOM MOUNT TRANSDUCERS

DEPTH/SPEED/TEMP TRANSDUCER - TRANSOM MOUNT



79-**8M0122503**

Mounts to boat's transom and provides depth/speed/temp input to SmartCraft instruments. Beam is 11 degree conical with a useful depth range to 100 meters.

Fits SmartCraft compatible engines

ADAPTER - HARNESS/SENSOR



84-**881244A 1**

2 to 4 pin adapter with power leads to connect depth transducers to 2002-2005 V6 EFI and OptiMax. This harness is included in the depth transducer kits (879295A01, 881933A11, 884207A11).

SPEED/TEMPERATURE SENSOR



859223A01

Single unit which measures boat speed via paddle wheel as well as water temperature.

Fits SmartCraft compatible engines.

859223B21

Fits SmartCraft compatible engines. BULK KIT

Priced individually, sold @ multiples of 24

TEMPERATURE SENSOR



56-**820386A76**

SC 1000 Speedo kit and VesselView Axius and Outboard.

TRANSOM MOUNT TRANSDUCER BRACKETS

BRACKET-TRANSDUCER



859223001

Bracket only, used with the 859223 Speed/Temp sender.

TRANSDUCERS THRU HULL

TRANSDUCER INSERT HOUSING - THRU HULL



879296T01

This part is a housing that mounts thru boat's hull allows the insert of a speed/temp transducer (879296T02) or a speed/depth/temp transducer (8M0122504). Must be used with either an 879296T02 or 8M0122504.

DEPTH/SPEED/TEMP TRANSDUCER INSERT - THRU HULL



79-**8M6004807**

Mounts thru boat's hull, provides speed/depth/temp data input to SmartCraft instruments. Beam is 10 X 44 degree fan with a useful depth range to 70 meters. Recommended dead rise is 0 to 22 degrees.

Must be used with transducer housing part # 879296T01. This is not a stand alone part.

DEPTH/TEMP SENSOR/ THRU HULL/ 10 FT/ 20 DEGREE



79-**8M0122505**

10 ft. thru hull depth and temp sensor. Beam is 12 degree conical with a useful depth range of 100 meters. Recommended dead rise is 16 to 24 degrees.

Fits 2002 and newer SmartCraft engines

DEPTH/TEMP SENSOR/ THRU HULL/ 19 FT/ 20 DEGREE



79-**8M0122506**

19 ft. thru hull depth and temp sensor. Beam is 12 degree conical with a useful depth range of 100 meters. Recommended dead rise is 16 to 24 degrees.

Fits 2002 and newer SmartCraft engines

79-**8M0122888**

19 ft. thru hull depth and temp sensor. Beam is 12 degree conical with a useful depth range of 100 meters. Recommended dead rise is 16 to 24 degrees.

Fits 2002 and newer SmartCraft engines

Priced individually, sold @ multiples of 12

DEPTH/TEMP SENSOR/ THRU HULL/ 19 FT/ 0 DEGREE



79-**8M0122507**

19 ft. thru hull depth and temp sensor. Beam is 12 degree conical with a useful depth range of 100 meters. Recommended dead rise is 0 degrees.

Fits 2002 and newer SmartCraft engines

DEPTH/TEMP SENSOR/ THRU HULL/ 19 FT/ 0 DEGREE



79-**8M0123434**

19 ft. thru hull depth and temp sensor. Beam is 12 degree conical with a useful depth range of 100 meters. Recommended dead rise is 0 degrees.

Fits 2002 and newer SmartCraft engines.

Priced individually, sold @ multiples of 12

SPEED SENSOR & TEMP /THRU HULL



883090A01

19 ft.

Fits 2002 and newer SmartCraft engines

TRANSDUCERS IN-HULL

DEPTH FINDER TRANSDUCER - IN HULL



79-**8M0122502**

Mounts in boat's hull and provides depth input to SmartCraft instruments. Plastic body. In-Hull depth transducer. Beam is 7 degree conical with a useful depth range to 100 meters. Recommended dead rise is 0 to 22 degrees.

Fits 2002 and newer SmartCraft engines.

PITOT KITS

PITOT/SPEED SENSOR KIT



881879A 2

100 PSI for speeds less than 80 mph. Mounts to either the MerCruiser sterndrive transom bracket or to the boat near the engine. All parts required for mounting and connecting the sensor are included in the kit.

Fits all SmartCraft compatible MerCruiser and Mercury Racing product.

PITOT/SPEED SENSOR KIT



881879A 3

200 PSI for speeds greater than 80 mph. Mounts to either the MerCruiser sterndrive transom bracket or to the boat near the engine. All parts required for mounting and connecting the sensor are included in the kit.

Fits all SmartCraft compatible MerCruiser and Mercury Racing product.

PITOT/SPEED SENSOR KIT



881879A22

This kit provides a hose hook up from the gearcase to a sensor to be engine mounted, allowing SmartCraft (digital) applications for a speedometer to receive a signal from the engine.

Fits the 75/90/115hp. (1.5L) OptiMax outboard engines, Model Year 2004 and newer.

PITOT/SPEED SENSOR KIT



881879A13

100 PSI for speeds less than 80 mph. Mounts to either the MerCruiser sterndrive transom bracket or to the boat near the engine. All parts required for mounting and connecting the sensor are included in the kit. Includes 84-863931 harness (flat 4 pin to transom 10 pin) and 84-863737 harness (round 3 pin to flat 4 pin). Used on current 10 pin harness applications only.

Fits all SmartCraft compatible MerCruiser and Mercury Racing product.

PITOT/SPEED SENSOR KIT



881879A15

100 PSI for speeds less than 80 mph. Mounts to either the MerCruiser sterndrive transom bracket or to the boat near the engine. All parts required for mounting and connecting the sensor are included in the kit. Only includes the 84-863737 harness (round 3 pin to flat 4 pin).

Fits all SmartCraft compatible MerCruiser and Mercury Racing product.

SMARTCRAFT PITOT SENSOR KIT

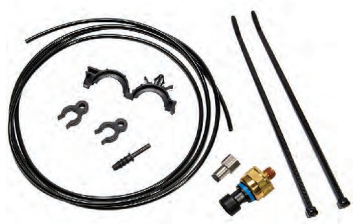


8M0090447

Pitot sensor kit provides speed information for SmartCraft gauges.

2.1L F75-115 Four Stroke and 150 Four Stroke

SMARTCRAFT PITOT SENSOR (SPEED)



8M0103315

100 psi SmartCraft Pitot sensor for speed input

Verado Gen 5 350 HP engine only, all other Gen 5 Verado engines come with Pitot speed sensor

PRESSURE TRANSDUCER KIT



859210A 1

Speed pressure transducer is either mounted to the transom bracket or a location near the engine. 100 PSI sensor is plumbed to a speed pickup tube and then wired to the engine sensor plug included with SmartCraft Gauges.

Fits 2002 and newer OptiMax outboard engines at speeds less than 80 mph.

GPS KITS

N2K GPS KIT W/ MOUNTS

Image not Available.

8M6012227

Smartcraft/NMEA 2000 GPS kit with mounts.

TOP MOUNT KIT - GPS

Image not Available.

98-**8M6009518**

Compact SmartCraft / N2K GPS top mount kit. Note, the 8M6012227 kit has this mount included.

UNDER HELM GPS MOUNT KIT

Image not Available.

98-**8M6009519**

Compact SmartCraft / N2K GPS under-helm mount kit. Note, the 8M6012227 kit has this mount included.

GPS EXTENSION CABLE



84-**879171T21**

3.2 foot extension cable to be used with GPS Kit (8M0024918)

CAN P GPS signal for non Auto Pilot equipped boats

84-**879171T22**

6.6 foot extension cable to be used with GPS Kit (8M0024918)

CAN P GPS signal for non Auto Pilot equipped boats

84-**879171T23**

9.8 foot extension cable to be used with GPS Kit (8M0024918)

CAN P GPS signal for non Auto Pilot equipped boats

NMEA2000

Mercury NMEA 2000®

Truly smart boating

Mercury Marine improves the process of connecting marine electronic devices by offering only top-performing products. All Mercury components have undergone rigorous testing and validation. The likelihood of failed connections can be reduced by limiting the number of connectors under the helm, thus improving communication between electronics.

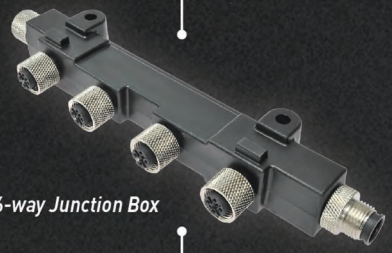
With an almost endless number of options, you can make your on-board network as advanced as you like.

Mercury NMEA 2000 Components

Description	Part Number
NMEA 2000 6-way Junction Box	8M0138268
NMEA 2000 SmartCraft Gateway	8M0105243
NMEA 2000 Starter Kit	8M0110642
NMEA 2000 Power Harness	8M0114012
0.5 meter NMEA Extension Harness	879171T01
1 meter NMEA Extension Harness	879171T02
2 meter NMEA Extension Harness	879171T03
3 meter NMEA Extension Harness	879171T04
4 meter NMEA Extension Harness	879171T05
5 meter NMEA Extension Harness	879171T06
6 meter NMEA Extension Harness	879171T07
7 meter NMEA Extension Harness	879171T08
8 meter NMEA Extension Harness	879171T09
9 meter NMEA Extension Harness	879171T10
10 meter NMEA Extension Harness	879171T11
NMEA 2000 "T" Connector	8M6004829
NMEA 2000 Resistor – Female	8M6004831
NMEA 2000 Resistor – Male	8M6004830
NMEA 2000 Weather Cap	8M6000708



VesselView 903



6-way Junction Box



Starter Kit

All Mercury Controls & Rigging have a two year warranty. However, Controls & Rigging purchased with a propulsion package have the same warranty time frame as the propulsion package, including any additional extended warranty from Mercury (MPP), which could go up to seven years.

MERCURY GO BOLDLY.™

Learn more at mercurymarine.com

©2018 MERCURY MARINE. All rights reserved. Reproduction in whole or in part without permission is prohibited. Simrad, SolarMax HD and GoFree are registered trademarks of Navico, Inc.

P/N 90-8M0143459

NMEA2000 COMPONENTS

NMEA2000 6-WAY JUNCTION BOX



84-**8M0138268**

Rather than using individual T's, use a rock-solid distribution block to build your NMEA2000 network. Has 6 individual connectors.

Works with any NMEA2000 standard 5 pin connector and can support both male and female termination resistors.

MALE - FEAMALE 5-PIN EXTENSION HARNESS



84-**879171T01**

0.5 meter long harness to extend any NMEA 2000 backbone or Mercury CAN H bus for IMU/GPS signal.

84-**879171T02**

1 meter long harness to extend any NMEA 2000 backbone or Mercury CAN H bus for IMU/GPS signal.

84-**879171T03**

2 meter long harness to extend any NMEA 2000 backbone or Mercury CAN H bus for IMU/GPS signal.

84-**879171T04**

3 meter long harness to extend any NMEA 2000 backbone or Mercury CAN H bus for IMU/GPS signal.

84-**879171T05**

4 meter long harness to extend any NMEA 2000 backbone or Mercury CAN H bus for IMU/GPS signal.

84-**879171T06**

5 meter long harness to extend any NMEA 2000 backbone or Mercury CAN H bus for IMU/GPS signal.

84-**879171T07**

6 meter long harness to extend any NMEA 2000 backbone or Mercury CAN H bus for IMU/GPS signal.

84-**879171T08**

7 meter long harness to extend any NMEA 2000 backbone or Mercury CAN H bus for IMU/GPS signal.

84-**879171T09**

8 meter long harness to extend any NMEA 2000 backbone or Mercury CAN H bus for IMU/GPS signal.

84-**879171T10**

9 meter long harness to extend any NMEA 2000 backbone or Mercury CAN H bus for IMU/GPS signal.

84-**879171T11**

10 meter long harness to extend any NMEA 2000 backbone or Mercury CAN H bus for IMU/GPS signal.

NMEA 2000 MULTI STARTER KIT

Image not Available.

98-**8M0155341**

Starter Kit includes NMEA 2000 power harness, 1 male termination resistor, 1 female termination resistor and a 6 connector NMEA 2000 distribution block (4way T).

Whenever a NMEA 2000 backbone is required, these are the basic components required to start that architecture

NMEA 2000 STARTER KIT



8M0110642

Kit includes NMEA 2000 power harness, 1 male termination resistor, 1 female termination resistor and a "T" connector

Whenever a NMEA2000 backbone is required, these are the basic components required to start that architecture

NMEA 2000 POWER HARNESS



84-**8M0114012**

NMEA 2000 power harness. Overmolded NMEA 2000 connector with fused harness.

Used to provide power to the NMEA 2000 bus.

NMEA 2K TEE



8M0204742

NMEA 2000 Tee device

NMEA2000 RESISTOR - FEMALE



8M6004831

NMEA2000 Resistor - Female pins
NMEA2000 networks require two termination resistors: one male and one female

NMEA2000 RESISTOR - MALE



8M6004830

NMEA2000 Resistor - Male pins
NMEA2000 networks require two termination resistors: one male and one female

NMEA 2000 WEATHER CAP



86-**8M6000708**

NMEA 2000 weather cap (male thread in).
Used to cap an open connection on NMEA 2000 network.

NMEA2000 WEATHER CAP - FEMALE

Image not Available.

8M0176362

Replacement weather cap for NMEA2K connector on back of VesselView.
Used on VV403, VV502, VV703 and VV903

SMARTCRAFT RIGGING KITS

SMARTCRAFT RIGGING KIT



8M0056278

Kit contains the following:
1257- 8742A21 Oil Tanks with Oil Senders (2)
859223 Speed/Temperature Sensor (1)
84-859743T 1 Harness to oil, fuel and paddle wheel (2)
84-879981T30 SC1000R-30, 30 ft. (9.1 meter) Data Harnesses (2)
878492A16, 6-Plug J Box (1)
859318T 2 Weather Caps (2)
881175A 1 Male Connector Cap (1)
881176A 1 Female Connector Cap (1)

For dual application. Fits 2001-2005 OptiMax Outboards, 2002-2005 V-6 EFI Outboards and Pro Max Mercury Racing Outboards (when equipped with the 555 Electronic Control Module). The oil tank bracket may only be used as a floor mounted application.

ANALOG TO DIGITAL CONVERSION KIT



859648A 2

Converts an analog to a digital OptiMax. Contains the sensors, harnesses and instructions needed.

Fits 2000 and newer OptiMax 2.5L engines.

REMOTE 3.0 US GAL (11 L) OIL TANK



1257- **8742A21**

Remote 3.0 US gal (11 L) Oil Tank with sender, complete with tank, lines, floor mounting bracket and all hardware.

REMOTE 3.0 US GAL (11 L) OIL TANK



1257- **8742A22**

Remote 3.0 US gal (11 L) Oil Tank without sender, complete with tank, lines, floor mounting bracket and all hardware.

Optional tank size for Mercury/Mariner 2 cycle outboards, to be used wherever a pressurized oil reservoir system is already in use. This tank and bracket assembly is only used in floor mounted applications.

REMOTE 3.0 US GAL (11 L) OIL TANK



1257- **8742A23**

Remote 3.0 US gal (11 L) Oil Tank without sender, complete with tank, lines, mounting bracket and all hardware (old bracket design).

Optional tank size for Mercury/Mariner 2 cycle outboards, to be used wherever a pressurized oil reservoir system is already in use. This tank and bracket assembly may be optionally floor or wall mounted.

MECHANICAL SMARTTOW HELM KIT



8M0101650

SmartTow and Cruise are now available on MerCruiser gas engine platforms that utilize mechanical throttle and shift controls! What was previously only available on DTS applications can now be used on the latest gas engine platforms from MerCruiser

NOTE: This helm kit requires an engine to helm harness and can be utilized on the applicable marine-specific MerCruiser gas engine platforms developed by Mercury. Also requires a gauge that is Cruise/SmartTow capable. Can be used with Zero Off capable gauges when Zero Off Security token is added. Single engine applications only

SMARTTOW: ENGINE TO HELM HARNESS



84-**8M0101642**

20 ft. harness. Connects the marine-specific MerCruiser gas engine to the helm kit for Cruise/SmartTow functionality on mechanical engines.

Single engine only marine-specific MerCruiser gas engine applications

84-**8M0101643**

25 ft. harness. Connects the marine-specific MerCruiser gas engine to the helm kit for Cruise/SmartTow functionality on mechanical engines.

Single engine only marine-specific MerCruiser gas engine applications

SMARTCRAFT AUTHENTICATION DEVICE



8M0105518

Now you can operate applicable MerCruiser engines (mechanical and DTS) with applicable gauges (Medallion, FW Murphy, etc) by using this authentication interface device to enable advanced SmartCraft features.

Mechanical marine-specific MerCruiser gas engines and all DTS engines in conjunction with an applicable third-party SmartCraft gauge that is specifically compatible with this authentication interface device.

ADD-ON SENSOR RIGGING KITS - MCM

SPEEDO-PITOT HARNESS



84-**863737T**

Required for newer engines that do not have the speedo-pitot harness included with engine harness.

Fits non-DTS smallblock and V-6 MerCruiser engines prior to serial 0W600000.

STEERING/SPEEDO-PITOT HARNESS



84-**863736T**

Required for engines that do not have the steering/speedo-pitot harness included with engine harness.

Fits all SmartCraft compatible MerCruiser and Mercury Racing products.

ADD-ON SENSOR HARNESSES - MCM

TRANSOM HARNESS



84-**863931A 1**

Used to connect Steering/Speedo Sensor Kit 863188A 3 to MCM 4.3L, 5.0L, 5.7L (350Mag) and 6.2L MPI sterndrive engines.

Fits non-DTS smallblock and V-6 MerCruiser engines prior to serial 0W600000.

3-PIN TANK HARNESS



84-**864218**

Fits older MCM/MIE mechanical engines that are equipped with a 3-pin tank harness connector.

3.4L/4.6L REPOWER HARNESS KIT



84-**8M0145987**

Make easy work of repowering that Optimax or Verado to the newer 3.4L V6 or 4.6L V8 Fourstroke engines. Kit contains a wide variety of harnesses: 4 pin depth extension harness, 2 pin clean power extension harness, 2 pin WIF extension harness, 6 pin fuel/paddle extension harness, 14 pin data cable extension harness, 10 pin blue data cable extension harness, 3 pin power steering extension harness and 10 pin male to male gender bender harness.

Repower harness kit has a wide variety of harnesses that makes repowering an existing Optimax or Verado application with the 3.4L V6 or 4.6L V8 Fourstroke engine easy.

STEERING ANGLE SENSORS

STEERING/SPEEDO SENSOR KIT



863188A 3

Provides steering angle and degrees, and speed to SmartCraft instruments so gauge can display steering position and speed - useful when docking. Includes steering/speedo-pitot harness P/N 84-863736, required for newer engines that do not have the steering/speedo-pitot harness included with engine harness.

Fits all SmartCraft compatible MerCruiser and Mercury Racing products.

STEERING SENSOR KIT



863188T 4

Provides steering angle and degrees to SmartCraft instruments so gauge can display steering position - useful when docking.

Fits all SmartCraft compatible MerCruiser and Mercury Racing products.

STEERING SENSOR KIT



863188A 5

Provides steering angle and degrees to SmartCraft instruments so gauge can display steering position - useful when docking. Includes steering harness 84-864219 & 84-863931

Fits all SmartCraft compatible MerCruiser and Mercury Racing product . Also used on CMD engines

SMARTCRAFT K-PLANES - HARNESSES

TRIM TAB INTERFACE KIT



8M0100069

Shows digital K-Plane trim on SmartCraft Instrumentation.

For use with digital K-Planes and SmartCraft Instrumentation.

K-PLANE Y HARNESS



84-**895820T02**

K-Plane Tab Y harness for dual tabs.

Harness from bullet tab sensor to 4 pin tab interface.

HARNESS ASSEMBLY



84-**898059T15**

Tab extension, 15 feet.

Used to extend the harness included with Digital Trim Tabs to plug directly into the harness included with SystemView Race Edition. REQUIRED for all installations with Digital Tabs and SystemView Race Edition EXCEPT Mercury Racing Sterndrives with New Style 14-Pin Engine Harness connector.

84-**898059T20**

Tab extension, 20 feet.

Used to extend the harness included with Digital Trim Tabs to plug directly into the harness included with SystemView Race Edition. REQUIRED for all installations with Digital Tabs and SystemView Race Edition EXCEPT Mercury Racing Sterndrives with New Style 14-Pin Engine Harness connector.

84-**898059T25**

Tab extension, 25 feet.

Used to extend the harness included with Digital Trim Tabs to plug directly into the harness included with SystemView Race Edition. REQUIRED for all installations with Digital Tabs and SystemView Race Edition EXCEPT Mercury Racing Sterndrives with New Style 14-Pin Engine Harness connector.

84-**898059T30**

Tab extension, 30 feet.

Used to extend the harness included with Digital Trim Tabs to plug directly into the harness included with SystemView Race Edition. REQUIRED for all installations with Digital Tabs and SystemView Race Edition EXCEPT Mercury Racing Sterndrives with New Style 14-Pin Engine Harness connector.

ELECTRICAL

SMARTCRAFT GAUGE HARNESSES

SC1000 SYSTEM TACHOMETER HARNESS



84-**879979T11**

3 ft. (.9 meters) Tachometer Harness.

Provides connection to SC1000 System Tachometer, horn and SC100 Series Gauges. Requires the use of SmartCraft Junction Boxes listed in SC1000 Section.

SC1000 SYSTEM SPEEDOMETER HARNESS



84-**879978T11**

3 ft. (.9 meters) Speedometer Harness.

Provides connection to SC1000 System Speedometer, air temp, GPS (0183) and horn. Requires the use of SmartCraft Junction Boxes listed in SC1000 Section. See SC1000 System Speedometer product in SC1000 Section.

3 FOOT SMARTCRAFT EXTENSION HARNESS



84-**8M0138593**

All 10 pins are populated in this SmartCraft 3 foot extension harness.

Used to extend SmartCraft connections up to 3 feet.

DUAL ENGINE INSTRUMENT ADADPTER



84-**892323T01**

Allows gauges to be powered from any key switch on dual applications.

Works with all SmartCraft compatible engines.

TRIPLE ENGINE INSTRUMENT ADAPTER

84-**892323T08**

Allows gauges to be powered from any key switch on triple applications.

Works with all SmartCraft compatible engines.

HARNESS ASSEMBLY- DUAL

Image not Available.

84-**892323A10**

Racing Dual engine Mechanical jbox adapter with CANP link and diodes. Use with racing mech 14 pin helm harness.

QUAD ENGINE INSTRUMENT ADAPTER



84-**898284T01**

Allows gauges to be powered from any key switch on triple applications.

Works with all SmartCraft compatible engines.

TROLL CONTROL Y HARNESS



84-**8M0042976**

Y harness allows you to connect directly to main engine harness and the Troll Control kit without using a "J" box. Mechanical 14pin CANP breakout harness only. Not compatible with Next Gen DTS or any other CANH system.

Used with Troll Control Kit 879365K08 (879365A08).

SC 100 LINK HARNESSES

SYSTEM LINK ADAPTER KIT



84-**8M0052774**

Kit that drives SC100 Link Gauges from 10 Pin connection at the helm. Contains 10 pin to 3 pin adapter and 3 pin to 3 pin low voltage reset module.

Engine must be capable of providing Tach Link output and gray analog tach wire must be populated in 10 pin connection at helm in order to utilize this kit.

SYSTEM LINK RESET HARNESS



898289T42

Resets SC 100 gauges in the event of voltage drops due to starting engine with a low/weak battery. Use in conjunction with System Link Harness (84-892821K01).

SmartCraft SC 100 gauges

SC 100 DATA HARNESS



84-880756T05

6 in. SmartCraft Extension Harness

Provides data link extension between SC100 Series products.

SC 100 DATA HARNESS



84-880756T 1

1 ft. (.3 meters) SmartCraft Extension Harness

Provides data link extension between SC100 Series products.

84-880756T 3

3 ft. (.9 meters) SmartCraft Extension Harness

Provides data link extension between SC100 Series products.

84-880756T10

10 ft. (3.0 meters) SmartCraft Extension Harness

Provides data link extension between SC100 Series products.

84-880756T30

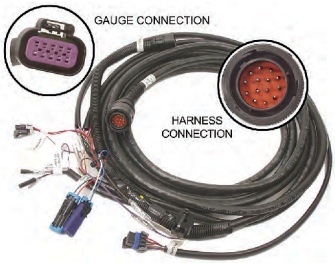
30 ft. (9.1 meters) SmartCraft Extension Harness

Provides data link extension between SC100 Series products.

INSTRUMENT HARNESSES

Harnesses have ring terminal leads bundled for each gauge.

IGNITION HARNESS - NON DTS 14 PIN



84-896537T02

2 ft. harness (896537A02) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-896537T08

8 ft. harness (896537A08) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-896537T11

11 ft. harness (896537A11) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-896537T15

15 ft. harness (896537A15) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-896537T20

20 ft. harness (896537A20) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-896537T24

25 ft. harness (896537A24) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP- 14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-896537T29

30 ft. harness (896537A29) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-896537T40

40 ft. harness (896537A40) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

HARNESS - NON DTS 14 PIN- ANALOG GAUGE



84-**892990T01**

5 ft. long. This harness will connect directly to the non DTS harness at the helm. It will allow you to connect to analog gauges on the dash and allows the choke function to work on the 8/9.9/15/20 FourStroke carbureted outboards with serial numbers beginning with "0R." Used with 84-896537__ harness.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**892990T10**

10 ft. long. This harness will connect directly to the non DTS harness at the helm. It will allow you to connect to analog gauges on the dash. Used with 84-896537__ harness.

2006 and newer Non DTS Outboards from 25 HP to 250 HP- 14 Pin Connectors. All MCM/MIE engines equipped with 14 pin connectors.

84-**892990T15**

15 ft. long. This harness will connect directly to the non DTS harness at the helm. It will allow you to connect to analog gauges on the dash. Used with 84-896537__ harness.

2006 and newer Non DTS Outboards from 25 HP to 250 HP- 14 Pin Connectors. All MCM/MIE engines equipped with 14 pin connectors.

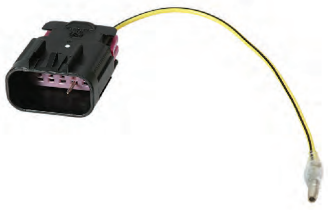
HARNESS EXTENSION- 10 PIN



84-**8M0058668**

This harness extension will allow you to increase the length by 6 feet of the 10 pin drop for instruments. The extension will work with Side Mount controls as well as any 896537 series main engine/boat harness.

CHOKE HARNESS



84-**896537T99**

Allows a 14 pin harness to provide choke function for a carbureted engine when a remote control is used. Use this harness only if there are no gauges to be hooked up.

INSTRUMENT HARNESS



84-**812475A 3**

3 ft.(915 mm) 10 pin harness

Fits 1986 and newer MCM/MIE gasoline engines.

84-**812475A20**

20 ft.(6.1 m) 10 pin harness

Fits 1986 and newer MCM/MIE gasoline engines.

84-**812475A25**

25 ft.(7.62 m) 10 pin harness

Fits 1986 and newer MCM/MIE gasoline engines.

INSTRUMENT HARNESS



84-**860618**

1 m (3.3 ft.) harness, 21 pin Deutsch connector.

Fits all diesel models.

LIGHT - DASH MOUNTED - CATALYST MALFUNCTION



8M0046481

Light will go on indicating that a malfunction has occurred with your catalyst on your engine. This means you will need to get your engine serviced soon. Works similar to your check Engine light in your truck or car (harness to be sold separately). Harness numbers for single helms: (8M0048049, 8M0048054, 8M0048055, 8M0048056, 8M0048057, 8M0048058, 8M0048059).

MerCruiser products that are equipped with a catalyst.

HARNESS - MALFUNCTION LIGHT



84-**8M0048049**

This harness is to connect the OBDM malfunction light for single helm applications. 10 ft.

All Mercruiser engines that have a catalyst

84-**8M0048054**

This harness is to connect the OBDM malfunction light for single helm applications. 15 ft.

All Mercruiser engines that have a catalyst

84-**8M0048055**

This harness is to connect the OBDM malfunction light for single helm applications. 20 ft.

All Mercruiser engines that have a catalyst

84-**8M0048056**

This harness is to connect the OBDM malfunction light for single helm applications. 25 ft.

All Mercruiser engines that have a catalyst

84-**8M0048057**

This harness is to connect the OBDM malfunction light for single helm applications. 30 ft.

All Mercruiser engines that have a catalyst

84-**8M0048058**

This harness is to connect the OBDM malfunction light for single helm applications. 40 ft.

All Mercruiser engines that have a catalyst

HARNESS - MALFUNCTION LIGHT



84-**8M0048040**

This harness is to connect the OBDM malfunction light for dual helm applications. 10 ft.

All Mercruiser engines that have a catalyst

INSTRUMENT EXTENSION HARNESSES (GAS ENGINES)

Fits 1986 and newer MCM/MIE gasoline engines.

3.4L/4.6L REPOWER HARNESS KIT



84-**8M0145987**

Make easy work of repowering that Optimax or Verado to the newer 3.4L V6 or 4.6L V8 Fourstroke engines. Kit contains a wide variety of harnesses: 4 pin depth extension harness, 2 pin clean power extension harness, 2 pin WIF extension harness, 6 pin fuel/paddle extension harness, 14 pin data cable extension harness, 10 pin blue data cable extension harness, 3 pin power steering extension harness and 10 pin male to male gender bender harness.

Repower harness kit has a wide variety of harnesses that makes repowering an existing Optimax or Verado application with the 3.4L V6 or 4.6L V8 Fourstroke engine easy.

INSTRUMENT EXTENSION HARNESS



84-**812441A10**

10 ft.(3.05 m) harness, 9 lead harness.
Used as harness extension or to complete two station installations.

84-**812441A15**

15 ft.(4.57 m) harness, 9 lead harness.
Used as harness extension or to complete two station installations.

84-**812441A20**

20 ft.(6.1 m) harness, 9 lead harness.
Used as harness extension or to complete two station installations.

INSTRUMENT EXTENSION HARNESSES (DIESEL)

All 1994-2000 MCM/MIE diesel models (except D-Tronic models) require both an 8 lead and a 9 lead extension harness to connect instumentation to the engine.

EXTENSION HARNESS



84- **17829A10**

10 ft. (3.05 m) harness, 8 lead harness.

84- **17829A20**

20 ft. (6.1 m) harness, 8 lead harness.
Used as harness extension or to complete two station installations.

INSTRUMENT EXTENSION HARNESS



84-**812441A10**

10 ft.(3.05 m) harness, 9 lead harness.
Used as harness extension or to complete two station installations.

84-**812441A15**

15 ft.(4.57 m) harness, 9 lead harness.
Used as harness extension or to complete two station installations.

84-**812441A20**

20 ft.(6.1 m) harness, 9 lead harness.
Used as harness extension or to complete two station installations.

INSTRUMENT EXTENSION HARNESS



84-**855390**

20 ft.(6 m) harness
Fits (1997-2000) D2.8L and D4.2L Electronic diesel models

INSTRUMENT EXTENSION HARNESS



84-**860615002**

4 m (13.2 ft.) harness, 21 pin Deutsch connector
Fits D1.7L , 2001 and newer D4.2L, D2.8L and 4.2L ES and EI; 1997 and newer D7.3L ES diesel models.

84-**860616002**

8 m (26.3 ft.) harness, 21 pin Deutsch connector
Fits MCM/MIE D1.7L ; also 2001 and newer D4.2L, D2.8L and 4.2L ES & EI diesel models; also fits 1997 and newer D7.3L Electronic diesel models

HARNESS ADAPTER



84-**860622**

21 pin female Deutsch connector to 8 pin & 9 pin female connector.
Adapts newer diesel engines with 21 pin Deutsch connector engine harnesses to older diesel engines instrument harness with the 8 pin & 9 pin connectors.

HARNESS ADAPTER



84-**860624**

Adapts engine harness 84-806389A 2 (used on 1994-1997 D3.0L, D3.6L and D4.2L diesel models) to extension harnesses 84-860615 or 84-860616.

HARNESS ADAPTER



84-**860625**

Adapts engine harness 84-855509 or 84-803626 (used on 1997 & up D2.8L and D4.2L ES and EI diesel models) to extension harnesses 84-860615 or 84-860616. 21 pin to 17 pin connector.

14 PIN DATA HARNESSES

EXTENSION HARNESS - 14 PIN



84-**892451T06**

6 ft. (1.8 meter) data harness. Provides data link between DTS engines and Next Gen DTS remote control harnesses.
Works with all engines equipped with 14-pin connectors.

84-**892451T10**

10 ft. (3.0 meter) data harness. Provides data link between DTS engines and Next Gen DTS remote control harnesses.

Works with all engines equipped with 14-pin connectors.

84-**892451T15**

15 ft. (4.6 meter) data harness. Provides data link between DTS engines and Next Gen DTS remote control harnesses.

Works with all engines equipped with 14-pin connectors.

84-**892451T20**

20 ft. (6.1 meter) data harness. Provides data link between DTS engines and Next Gen DTS remote control harnesses.

Works with all engines equipped with 14-pin connectors.

84-**892451B20**

20 ft. (6.1 meter) data harness. Provides data link between DTS engines and Next Gen DTS remote control harnesses.
Bulk Pack - 6 harnesses to a box.

Works with all engines equipped with 14-pin connectors.

Priced individually, sold @ multiples of 6

84-**892451T25**

25 ft. (7.6 meter) data harness. Provides data link between DTS engines and Next Gen DTS remote control harnesses.

Works with all engines equipped with 14-pin connectors.

84-**892451T30**

30 ft. (9.1 meter) data harness. Provides data link between DTS engines and Next Gen DTS remote control harnesses.

Works with all engines equipped with 14-pin connectors.

EXTENSION HARNESS - 14 PIN

Image not Available.

84-**8M0149640**

35 ft. (10.7 meter) data harness. Provides data link between DTS engines and DTS Next Gen remote control harnesses.

Works with all engines equipped with 14-pin connectors.

14 PIN DATA HARNESS



84-**8M0146749**

40 foot 14-pin Low Loss Data Harness

All 14 Pin Engines

14 PIN DATA HARNESS



84-**8M0146742**

Low Loss, All 14 PIN Engines, Data Harness, 5 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

All 14 Pin Engines

84-**8M0146743**

Low Loss, all 14 pin Engine, Data Harness, 10 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

All 14 Pin Engines

84-**8M0146744**

Low Loss, all 14 pin Engine, Data Harness, 15 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

All 14 Pin Engines

84-**8M0146745**

Low Loss, all 14 pin Engine, Data Harness, 20 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

All 14 Pin Engines

14 PIN DATA HARNESS



84-**8M0146746**

25 foot 14-pin Low Loss Data Harness

All 14 Pin Engines

84-**8M0146747**

30 foot 14-pin Low Loss Data Harness

All 14 Pin Engines

84-**8M0146748**

35 foot 14-pin Low Loss Data Harness

All 14 Pin Engines

84-**8M0146749**

40 foot 14-pin Low Loss Data Harness

All 14 Pin Engines

14 PIN DATA HARNESS



84-**8M0146750**

45 foot 14-pin Low Loss Data Harness

All 14 Pin Engines

84-**8M0146751**

50 foot 14-pin Low Loss Data Harness

All 14 Pin Engines

84-**8M0146752**

55 foot 14-pin Low Loss Data Harness

All 14 Pin Engines

84-**8M0146753**

60 foot 14-pin Low Loss Data Harness

All 14 Pin Engines

14 PIN DATA HARNESS



84-**8M0146754**
70 foot 14-pin Low Loss Data Harness
All 14 Pin Engines

84-**8M0146755**
80 foot 14-pin Low Loss Data Harness
All 14 Pin Engines

84-**8M0146756**
90 foot 14-pin Low Loss Data Harness
All 14 Pin Engines

84-**8M0146757**
100 foot 14-pin Low Loss Data Harness
All 14 Pin Engines

84-**8M0146758**
110 foot 14-pin Low Loss Data Harness
All 14 Pin Engines

84-**8M0146759**
120 foot 14-pin Low Loss Data Harness
All 14 Pin Engines

14 PIN FEMALE WEATHER CAP



8M0126960
Heavy Duty 14 pin Female Weather Cap.
Reusable weather cap used to protect the integrity of the 14 pin data cable when connections are not able to be immediately made.

14 PIN MALE WEATHER CAP



8M0126959
Heavy Duty 14 pin Male Weather Cap.
Reusable weather cap used to protect the integrity of the 14 pin data cable when connections are not able to be immediately made.

10 PIN (YELLOW) DATA HARNESSES

CAN DATA HARNESS - 10 PIN - NO RESISTORS DTS (YELLOW)



84-**879312T44**
1 ft. (0.3 meter) SmartCraft data harness without resistors. Contains CAN 1, 2, and 3.
Provides data link between SmartCraft System CAN Bus components on DTS applications (Digital Throttle & Shift).

84-**879312T45**
2 ft. (0.6 meter) SmartCraft data harness without resistors. Contains CAN 1, 2, and 3.
Provides data link between SmartCraft System CAN Bus components on DTS applications (Digital Throttle & Shift).

84-**879312T46**
3 ft. (0.9 meter) SmartCraft data harness without resistors. Contains CAN 1, 2, and 3.
Provides data link between SmartCraft System CAN Bus components on DTS applications (Digital Throttle & Shift).

84-**879312T47**
4 ft. (1.2 meter) SmartCraft data harness without resistors. Contains CAN 1, 2, and 3.
Provides data link between SmartCraft System CAN Bus components on DTS applications (Digital Throttle & Shift).

CAN DATA HARNESS - 10 PIN - NO RESISTORS (YELLOW)

84-**879969T 6**
6 ft. (1.8 meter) SmartCraft data harness without resistors
Provides data link between SmartCraft CAN P, X and H components.

84-**879969T10**
10 ft. (3.0 meter) SmartCraft data harness without resistors
Provides data link between SmartCraft CAN P, X and H components.

84-**879969T15**
15 ft. (4.6 meter) SmartCraft data harness without resistors
Provides data link between SmartCraft CAN P, X and H components.

84-**879969T20**
20 ft. (6.1 meter) SmartCraft data harness without resistors
Provides data link between SmartCraft CAN P, X and H components.

84-**879969T30**
30 ft. (9.1 meter) SmartCraft data harness without resistors
Provides data link between SmartCraft CAN P, X and H components.

DATA CABLE- 40 FT

Image not Available.

84-**8M0166624**
40 ft. (12.1 meter) SmartCraft data harness without resistors.
Provides data link between SmartCraft CAN P, X and H components

CAN DATA HARNESS - 10 PIN WITH ONE RESISTOR (YELLOW)



84-879980T10

10 ft. (3.0 meter) SmartCraft data harness with one resistor

Provides data link between SmartCraft CAN P, X and H components.

84-879980T15

15 ft. (4.6 meter) SmartCraft data harness with one resistor

Provides data link between SmartCraft CAN P, X and H components.

84-879980T30

30 ft. (9.1 meter) SmartCraft data harness with one resistor

Provides data link between SmartCraft CAN P, X and H components.

10 PIN (BLUE) DATA HARNESSES

CAN DATA HARNESS - 10 PIN NON DTS WITH RESISTORS (BLUE)



84-879982T20

20 ft. (6.1 meter) SmartCraft data harness with (2) termination resistors

Includes connections for horn and link gauge. Provides data link between SmartCraft CAN P Components.

84-879982B20

20 ft. (6.1 meter) SmartCraft data harness with (2) termination resistors

Includes connections for horn and link gauge. Provides data link between SmartCraft CAN P Components.

Priced individually, sold @ multiples of 12

84-879982T25

25 ft. (7.6 meter) SmartCraft data harness with (2) termination resistors

Includes connections for horn and link gauge. Provides data link between SmartCraft CAN P Components.

84-879982T30

30 ft. (9.1 meter) SmartCraft data harness with (2) termination resistors

Includes connections for horn and link gauge. Provides data link between SmartCraft CAN P Components.

84-879982B30

30 ft. (9.1 meter) SmartCraft data harness with (2) termination resistors

Includes connections for horn and link gauge. Provides data link between SmartCraft CAN P Components.

Priced individually, sold @ multiples of 12

CAN DATA HARNESS - 10 PIN - NO RESISTORS NON DTS (BLUE)



84-879968T 6

6 ft. (1.8 meter) SmartCraft data harness without resistors and no additional connections

Provides data link between SmartCraft CAN P Components.

84-879968T10

10 ft. (3.0 meter) SmartCraft data harness without resistors and no additional connections

Includes connections for horn and link gauge. Provides data link between SmartCraft CAN P Components.

84-879968T15

15 ft. (4.6 meter) SmartCraft data harness without resistors and no additional connections

Provides data link between SmartCraft System CAN Bus Components

84-879968T20

20 ft. (6.1 meter) SmartCraft data harness without resistors and no additional connections

Provides data link between SmartCraft System CAN Bus Components

84-879968T25

25 ft. (7.6 meter) SmartCraft data harness without resistors and no additional connections

Provides data link between SmartCraft System CAN Bus Components

84-879968T30

30 ft. (9.1 meter) SmartCraft data harness without resistors and no additional connections

Provides data link between SmartCraft System CAN Bus Components

84-879968T50

50 ft (15.2 meter) SmartCraft data harness without resistors and no additional connections

Provides data link between SmartCraft System CAN Bus Components

CAN DATA HARNESS - 10 PIN - ONE RESISTOR NON DTS (BLUE)



84-879981T10

10 ft. (3.0 meter) SmartCraft data harness with one resistor

Provides data link between SmartCraft System CAN Bus Components

84-879981T15

15 ft. (4.6 meter) SmartCraft data harness with one resistor

Provides data link between SmartCraft System CAN Bus Components

84-879981T20

20 ft. (6.1 meter) SmartCraft data harness with one resistor

Provides data link between SmartCraft System CAN Bus Components

84-879981B20

20 ft. (6.1 meter) SmartCraft data harness with one resistor

Provides data link between SmartCraft System CAN Bus Components

Priced individually, sold @ multiples of 12

84-**879981T25**

25 ft. (7.6 meter) SmartCraft data harness with one resistor
Provides data link between SmartCraft System CAN Bus Components

84-**879981T30**

30 ft. (9.1 meter) SmartCraft data harness with one resistor
Provides data link between SmartCraft System CAN Bus Components

84-**879981T50**

50 ft. (15.2 meter) SmartCraft data harness with one resistor
Provides data link between SmartCraft System CAN Bus Components

ADAPTER HARNESSES - 14 PIN

DUAL HELM ADAPTER KIT- DTS



84-**893330K01**

Used with dual stations/ dual helms - Requires one for single-engine installation and two for dual-engine installation. Adapts primary 14-pin data harness to dual helms.

ADAPTER HARNESSES - 2 PIN

2 PIN LINK HARNESS- CAN



84-**893452A01**

Used to link CAN Networks together.

2 PIN "Y" ADAPTER HARNESS - LINK ADAPTER



84-**896370T01**

Used on DTS engines that require extended length CAN networks.

HARNESS- 6-PIN

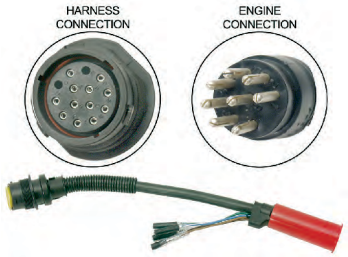
Image not Available.

84-**8M0060420**

6pin engine to 2pin WIF sensor.
No SmartCraft fuel or paddle included.

ADAPTER HARNESSES

ADAPTER - NON DTS 14 PIN TO 8 PIN



84-**896539T01**

1 ft. adapter that allows you to connect a 14 pin (Female) boat harness to an 8 pin (Male) engine connection. Includes bracket and screws.
2006 and newer Non DTS Outboards from 25 Hp to 250 HP- 14 Pin Connectors

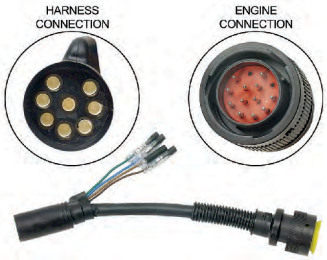
84-**896539T05**

5 ft. adapter that allows you to connect a 14 pin (Female) boat harness to a 8 pin (Male) engine connection. Includes bracket and screws.
2006 Non DTS Outboards from 25 Hp to 250 HP- 14 pin connector

84-**896539T08**

8 ft. adapter that allows you to connect a 14 pin (Female) boat harness to a 8 pin (Male) engine connection. Includes bracket and screws.
2006 Non DTS Outboards from 25 Hp to 250 HP- 14 pin connector

ADAPTER - NON DTS 8 PIN TO 14 PIN



84-**896542T01**

1 ft. 15hp-20hp adapter that allows you to connect 8 pin (Female) boat harness to the 14 pin (Male) engine connection. Includes bracket and screws.
2006 Non DTS Outboards from 25 Hp to 250 HP- 14 pin connector

84-**896542T05**

5 ft. adapter that allows you to connect 8 pin (Female) boat harness to the 14 pin (Male) engine connection. Includes bracket and screws.
2006 Non DTS Outboards from 25 Hp to 250 HP- 14 pin connector

ADAPTER - NON DTS 8 PIN TO 14 PIN

84-**896542T08**

8 ft. adapter that allows you to connect 8 pin (Female) boat harness to the 14 pin (Male) engine connection. Includes bracket and screws.
2006 Non DTS Outboards from 25 Hp to 250 HP- 14 pin connector

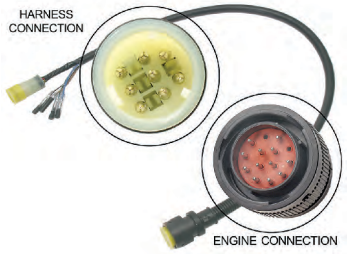
ADAPTER - NON DTS 10 PIN TO 14 PIN



84-**858740T06**

6 ft. adapter that allows you to connect 10 pin (Female) boat harness to the 14 pin (Female) engine connection.
2006 Non DTS 75, 90, 115 HP 4 stroke EFI

ADAPTER - NON DTS 8 PIN TO 14 PIN

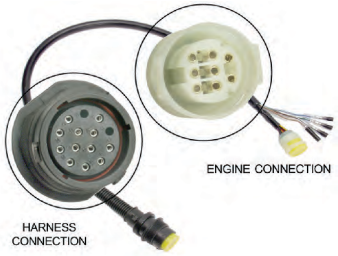


84-**896540T01**

3 ft. adapter that allows you to connect 8 pin (Male) boat harness to the 14 pin (Male) engine connection.

2005, 2006 - 8/9.9 HP 4 stroke and newer

ADAPTER - NON DTS 14 PIN TO 8 PIN - 3 FT



84-**896541T01**

3 ft. adapter that allows you to connect 14 pin (Female) boat harness to the 8 pin (Female) engine connection.

2005, 2006 - 8/9.9 HP 4 stroke and newer

ADAPTER - NON DTS 14 PIN TO 8 PIN - 5 FT

84-**896541T05**

5 ft. adapter that allows you to connect 14 pin (Female) boat harness to the 8 pin (Female) engine connection.

2005, 2006 - 8/9.9 HP 4 stroke and newer

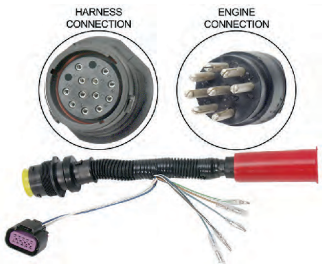
ADAPTER - NON DTS 14 PIN TO 8 PIN - 8 FT

84-**8M0127018**

8 ft. adapter that allows you to connect 14 pin (Female) boat harness to the 8 pin (Female) engine connection.

2005, 2006 - 8/9.9 HP 4 stroke and newer

ADAPTER - NON DTS 14 PIN TO 8 PIN



84-**892092T01**

1 ft. adapter that allows you to connect 14 pin (Female) boat harness to the 8 pin (Male) engine connection.

Older Outboards that are SmartCraft compatible engines

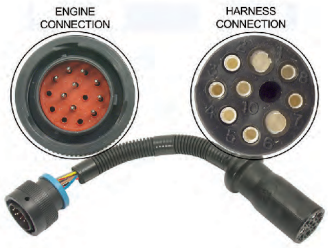
ADAPTER-NON DTS 10 PIN TO 14 PIN W/SMARTCRAFT CAN DATA



84-**8M0153356**

Adapter allows connection of 10-pin engine harness to a 14-pin boat harness when using SmartCraft gauges. This adapter includes a 10-pin CAN output to drive SmartCraft gauges using the 14-pin boat harness without having to install a blue CAN data harness. A termination resistor 859318T1 is required, and may be ordered separately. This is required for Quicksilver and Mercury Remanufacturing Plus Series 10-pin engines when installed in boats using SmartCraft gauges that use a 14-pin boat harness.

ADAPTER - NON DTS 14 PIN TO 10 PIN



84-**866337T01**

Adapter that allows you to connect engines that have the newer 14 pin engine harness to the older 10 pin helm harness.

MCM/MIE engines that have the 14 pin engine harness. Also used on Race product (outboards only) that have a 14 pin engine harness being connected to a 10 pin helm harness.

ADAPTER HARNESS- ANALOG GAUGE - MCM



84-**866377T01**

Mounts between the 14 pin Command Module harness and the data harness.

DTS- MCM only

ACCESSORY HARNESSES

DTS CLEAN POWER - HELM - 10 FT



84-**8M0127681**

10 ft. DTS clean power for use at the helm.

All DTS and Joystick applications. When crank batteries are located near the helm or mitigation of excessive voltage drop is desired.

DTS CLEAN POWER - HELM - 15 FT

84-**8M0127682**

15 ft. DTS clean power for use at the helm.

All DTS and Joystick applications. When crank batteries are located near the helm or mitigation of excessive voltage drop is desired.

HARNESS- 25 FT CLEAN POWER



84-**896333T25**

25 ft. harness. Used to reduce voltage drop when battery is located near the helm of the boat. Connects to junction box at the helm.

Used on all DTS Engines

POWER HARNESS-ENGINE



84-**8M0113732**

15 ft. DTS clean power harness. Used when battery is located near the the engine. Connects to 2 pin clean power connector on the engine.

All L4 SC Verados, 200/225 Opti DTS, 20 in. L6 Verados and MCM DTS and EC engines have this harness as part of the engine package. Must order loose for 25 in. and 30 in. L6 Verados.

HARNESS - POWER 25 FT



84-**889244T01**

25 ft Clean Power harness with heavy gauge (10 ga) wire for lower voltage drop. Use from crank battery to 2 pin connector on engine. DTS and MCM EC engines.

ACCESSORY POWER HARNESS / RELAY HARNESS KIT



84-**899785K15**

Used to provide accessory power to auxiliary loads when the keyswitch is in the "Run" or "Accessory" positions. Includes 40 amp relay, harness and 15 ft. power cable with 40 amp fuse and three pole terminal block.

Used on 14-pin boat harnesses that have a 3-pin accessory power relay connector.

ACCESSORY POWER HARNESS / RELAY HARNESS KIT



84-**899785K30**

Used to provide accessory power to auxiliary loads when the keyswitch is in the "Run" or "Accessory" positions. Includes 40 amp relay, harness and 30 ft. power cable with 40 amp fuse and three pole terminal block.

Used on 14-pin boat harnesses that have a 3-pin accessory power relay connector.

ACCESSORY POWER HARNESS KIT



84-**899785K04**

Accessory power cable is designed to connect battery to terminal block to provide connection point and power auxiliary loads. Includes 30 ft. power cable with 40 amp fuse and 3 pole terminal block.

Used on 14-pin boat harnesses that have a 3-pin accessory power relay connector.

ACCESSORY POWER HARNESS KIT



84-**899785K02**

Accessory power cable is designed to connect battery to terminal block to provide connection point and power auxiliary loads. Includes 15 ft. power cable with 40 amp fuse and 3 pole terminal block.

Used on 14-pin boat harnesses that have a 3-pin accessory power relay connector.

ACCESSORY RELAY KIT



84-**888429K11**

Used in conjunction with accessory power harness to provide power to auxiliary loads.

Used on 14-pin boat harnesses that have a 3-pin accessory power relay connector.

TERMINAL BLOCK

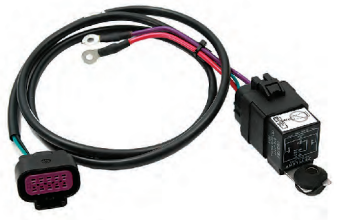


86-**8M0204701**

3 pole terminal block

Useful for up to 40 Amp circuit connections, used in Accessory Power kits

ACCESSORY RELAY HARNESS KIT



84-**888429K12**

Used to provide accessory power to auxiliary loads. Cable is connected to the junction box and provides power to loads when the key switch in in the "Run" position. Includes 40 amp relay and harness.

TVS NOISE SUPPRESSION HARNESS



84-**8M0072192**

Reduce noisy voltage spikes from Mercury solenoid coils (trim & tab).

Kit contains 2 harnesses that are used across solenoid coils to help reduce electrical noise.

HARNESS ASSEMBLY

Image not Available.

84-**8M0074825**

14pin (similar to non-DTS OB/MCM).

IGNITION KEY SWITCHES

KEY SWITCH ASSEMBLY



F5H268

For dash mount installations in panels up to 1/2 in. (12.7 mm). "Push to choke" feature.

Fits all electric start Force outboards.

KEY SWITCH ASSEMBLY



F5H078

For dash mount installations in panels up to 1-7/16 in. (36 mm). "Push to choke" feature.

Fits all electric start Force outboards.

KEY SWITCH ASSEMBLY WITH CHOKE



87- **88107A13**

3 ft. (915 mm) harness without audio warning horn. Has 6 pin connector that adapts to harness 84-896537K_ 14 pin harness. 3/4 inch cut out with housing.

Used with 2 cycle engines that require push to choke feature.

KEY SWITCH - 4 POSITION



87-**893353A02**

Four position keyswitch (Off, Accessory, Run and Start). Loose switch only. 7/8 inch cut out.

Can be used on DTS as well as non DTS installations

KEY SWITCH KIT - 4 POSITION W/MOUNTING HARDWARE



87-**893353A03**

Four position keyswitch (Off, Accessory, Run and Start). Includes keyswitch, key cover, bezel, 2 1/8 inch diameter mounting housing and mounting hardware. 7/8 inch cut out.

Can be used on DTS as well as non DTS installations

KEY SWITCH KIT - 4 POSITION MATCHED KEYS-DUALS



87-**893353A04**

Four position keyswitch- dual engines (Off, Accessory, Run and Start). Includes matched keyswitch, key cover, bezel, 2 1/8 inch diameter mounting housing and mounting hardware. 7/8 inch cut out.

Dual engine - matched key set. Can be used on DTS as well as non DTS installations

KEY SWITCH KIT - 4 POSITION MATCHED KEYS-DUALS



87-**893353T04**

Four position keyswitch- dual engines (Off, Accessory, Run and Start). Includes matched keyswitch and mounting hardware. 7/8 in. cut out. Does not include housing.

Dual engine - matched key set. Can be used on DTS as well as non DTS installations.

KEY SWITCH KIT - 4 POSITION MATCHED KEYS-TRIPLES



87-**893353A05**

Four position keyswitch- triple engines (Off, Accessory, Run and Start). Includes matched keyswitch, key cover, bezel, 2 1/8 inch diameter, mounting housing and mounting hardware. 7/8 inch cut out.

Triple engine - matched key set

KEY SWITCH KIT - 4 POSITION MATCHED KEYS-QUADS



87-**893353A06**

Four position keyswitch-Quad engines (Off, Accessory, Run and Start). Includes matched keyswitch, key cover, bezel, 2 1/8 in. diameter, mounting housing and mounting hardware. 7/8 in. cut out.

Quad engine - matched key set

KEY SWITCH - 3 POSITION WITH DECAL/WASHER

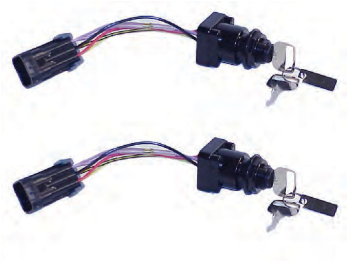


87-**897716K01**

Three position keyswitch with shorter key and mounting length (Off, Run and Start). Loose switch only. 3/4 inch cut out. Includes switch with decal and washer.

Can be used on DTS as well as Non DTS installations.

KEY SWITCH - 3 POSITION WITH DECAL/WASHER



87-**897716K02**

Three position keyswitch with shorter key and mounting length (Off, Run and Start). Loose switch only. 3/4 in. cut out. Includes switch with decal and washer. Matched set for dual engine installs.

Can be used on DTS as well as Non DTS installations. Matched keyswitches for dual installations

KEY SWITCH - 3 POSITION WITH DECAL/WASHER



87-**897716K03**

Three position keyswitch with shorter key and mounting length (Off, Run and Start). Loose switch only. 3/4 in. cut out. Includes switch with decal and washer. Matched Key set for Triple engine installs.

Can be used on DTS as well as Non DTS installations. Matched keyswitches for Triple installations.

KEY SWITCH - 3 POSITION WITH DECAL/WASHER



87-**897716K04**

Three position keyswitch with shorter key and mounting length (Off, Run and Start). Loose switch only. 3/4 in. cut out. Includes switch with decal and washer. Matched Key set for Quad engine installs.

Can be used on DTS as well as Non DTS installations. Matched keyswitches for Quad installations

KEY SWITCH - 3 POSITION HOUSING



879305A01

New keyswitch housing kit for 897716 series 3 position keyswitch. Kit includes 2 inch (52 MM) housing with mounting disc and bezel. Spin nut included in kit for easy mounting (Key Switch is not included in this kit).

Can be used on DTS as well as Non DTS installations.

KEY SWITCH EXTENSION - NO CRANK - 5 FT



84-**896691T05**

5 ft. length. This extension is used when the remote mounting a keyswitch (no crank possible), only has off/on functions.

Used on all DTS engines.

KEY SWITCH EXTENSION - NO CRANK - 10 FT

84-**896691T10**

10 ft. length. This extension is used when the remote mounting a keyswitch (no crank possible). Only has off/on functions.

Used on all DTS engines.

KEY SWITCH EXTENSION - NO CRANK - 15 FT

896691T15

15 ft. length. This extension is used when the remote mounting a keyswitch (no crank possible), only has off/on functions.

Used on all DTS engines.

KEY SWITCH EXTENSION - NO CRANK - 20 FT



84-**879312T77**

20 ft. length. This extension is used when the remote mounting a keyswitch (no crank possible). Only has off/on functions.

Used on all DTS engines.

KEY SWITCH EXTENSION - NO CRANK - 30 FT

84-**879312T78**

30 ft. length. This extension is used when the remote mounting a keyswitch (no crank possible). Only has off/on functions.

Used on all DTS engines.

KEY SWITCH EXTENSION - NO CRANK - 40 FT

84-**879312T79**

40 ft. length. This extension is used when the remote mounting a keyswitch (no crank possible). Only has off/on functions.

Used on all DTS engines.

DECAL/WASHER KIT- 3 POSITION KEY SWITCH



37-**899203A01**

Used with 87-897716 when not supplied in harness kit

KEY SWITCH ASSEMBLY



87- **88107A 3**

3 ft. (915 mm) harness without audio warning horn. Has bullet connectors that adapt to harness 84-84711M.

Fits (Japanese origin) Mariner 30, 40 (2 cylinder - w/o integral oil injection) and 55 (2 cylinder) outboards used with optional remote controls.

KEY SWITCH KIT



87- **88107A 5**

Kit includes switch, two keys, crimp connectors to attach to wiring harness. Features push to choke with key.

Fits into select Quicksilver side mount control boxes and other applications.

KEY SWITCH KIT



87- **88107A10**

Three position keyswitch (Off, Run and Start). Includes keyswitch and mounting hardware.

2004 OptiMax 225 DTS outboards and 496 Mag MerCruiser DTS sterndrive and inboard engines.

KEY SWITCH ASSEMBLY WITH CHOKE



87- **88107A13**

3 ft. (915 mm) harness without audio warning horn. Has 6 pin connector that adapts to harness 84-896537K_ 14 pin harness. 3/4 inch cut out with housing.

Used with 2 cycle engines that require push to choke feature.

KEY SWITCH KIT



87- **88107T12**

Three position keyswitch (Off, Run and Start). Push to Choke Keyswitch.

Used with 2 cycle engines that require push to choke feature.

KEY SWITCH KIT



87-**893449T01**

3 position Key Switch Kit

IGNITION KEY SWITCH WITH HARNESSES

Mounts in a 2-1/8 in. (54 mm) hole. Includes warning horn and electrical connections for power trim, instrumentation and lanyard stop switch.

KEY SWITCH W/ HARNESS



84-**816626A 2**

2 ft. (610 mm) harness with audio warning horn.

Fits Mercury/Mariner 6 hp. and Higher (2 cycle, USA & BEL Origin) outboards, Mariner 30/40 hp. with oil injection (2 cycle, Japanese Origin), all Mercury / Mariner 4-Stroke (USA Origin) outboards, Force 40 hp. and Higher (1993 and Newer) and Mercury Jet Drives. When used with MY2005 and newer 8/9.9 hp. FourStroke outboards an adapter harness 892473A01 is required.

84-**816626A 8**

8 ft. (2.44 m) harness with audio warning horn.

Fits Mercury/Mariner 6 hp. and Higher (2 cycle, USA & BEL Origin) outboards, Mariner 30/40 hp. with oil injection (2 cycle, Japanese Origin), all Mercury/Mariner 4-Stroke (USA Origin) outboards, Force 40 hp. and Higher (1993 and Newer) and Mercury Jet Drives. When used with MY2005 and newer 8/9.9 hp. FourStroke outboards an adapter harness 892473A01 is required.

84-**816626A11**

11 ft. (3.35 m) harness with audio warning horn.

Fits Mercury/Mariner 6 hp. and Higher (2 cycle, USA & BEL Origin) outboards, Mariner 30/40 hp. with oil injection (2 cycle, Japanese Origin), all Mercury/Mariner 4-Stroke (USA Origin) outboards, Force 40 hp. and Higher (1993 and Newer) and Mercury Jet Drives. When used with MY2005 and newer 8/9.9 hp. FourStroke outboards an adapter harness 892473A01 is required.

84-**816626A15**

15 ft. (4.57 m) harness with audio warning horn.

Fits Mercury/Mariner 6 hp. and Higher (2 cycle, USA & BEL Origin) outboards, Mariner 30/40 hp. with oil injection (2 cycle, Japanese Origin), all Mercury/Mariner 4-Stroke (USA Origin) outboards, Force 40 hp. and Higher (1993 and Newer) and Mercury Jet Drives. When used with MY2005 and newer 8/9.9 hp. FourStroke outboards an adapter harness 892473A01 is required.

84-**816626A20**

20 ft. (6.1 m) harness with audio warning horn.

Fits Mercury/Mariner 6 hp. and Higher (2 cycle, USA & BEL Origin) outboards, Mariner 30/40 hp. with oil injection (2 cycle, Japanese Origin), all Mercury/Mariner 4-Stroke (USA Origin) outboards, Force 40 hp. and Higher (1993 and Newer) and Mercury Jet Drives. When used with MY2005 and newer 8/9.9 hp. FourStroke outboards an adapter harness 892473A01 is required.

84-**816626A24**

25 ft. (7.6 m) harness with audio warning horn.

Fits Mercury / Mariner 6 hp. and Higher (2 cycle, USA & BEL Origin) outboards, Mariner 30/40 hp. with oil injection (2 cycle, Japanese Origin), all Mercury / Mariner 4-Stroke (USA Origin) outboards, Force 40 hp. and Higher (1993 and Newer) and Mercury Jet Drives. When used with MY2005 and newer 8/9.9 hp. FourStroke outboards an adapter harness 892473A01 is required.

84-**816626A25**

25 ft. (7.6 m) harnesses with audio warning horn. Packaged with 2 harnesses with matched keys for dual engine applications.

Fits Mercury / Mariner 6 hp. and Higher (2 cycle, USA & BEL Origin) outboards, Mariner 30/40 hp. with oil injection (2 cycle, Japanese Origin), all Mercury / Mariner 4-Stroke (USA Origin) outboards, Force 40 hp. and Higher (1993 and Newer) and Mercury Jet Drives.

84-**816626A29**

30 ft. (9.1 m) harnesses with audio warning horn.

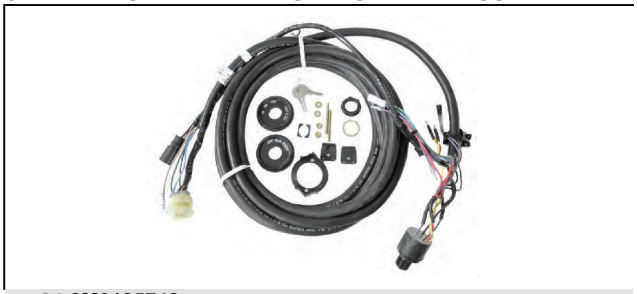
Fits Mercury / Mariner 6 hp. and Higher (2 cycle, USA & BEL Origin) outboards, Mariner 30/40 hp. with oil injection (2 cycle, Japanese Origin), all Mercury / Mariner 4-Stroke (USA Origin) outboards, Force 40 hp. and Higher (1993 and Newer) and Mercury Jet Drives.

84-**816626A30**

30 ft. (9.1 m) harnesses with audio warning horn. Packaged with 2 harnesses with matched keys for dual engine applications.

Fits Mercury / Mariner 6 hp. and Higher (2 cycle, USA & BEL Origin) outboards, Mariner 30/40 hp. with oil injection (2 cycle, Japanese Origin), all Mercury / Mariner 4-Stroke (USA Origin) outboards, Force 40 hp. and Higher (1993 and Newer) and Mercury Jet Drives.

8 PIN KEY SWITCH AND IGNITION HARNESS



84-**8M0125748**

2 ft. harness with horn, push to choke key switch, instrumentation connector, trim connector and lanyard connector.

Connects to 8 pin AMP connector engines (8/9.9 HP FourStrokes and similar) -Single Engine Application.

84-**8M0125749**

8 ft. harness with horn, push to choke key switch, instrumentation connector, trim connector and lanyard connector.

Connects to 8 pin AMP connector engines (8/9.9 HP FourStrokes and similar) -Single Engine Application.

84-**8M0125750**

11 ft. harness with horn, push to choke key switch, instrumentation connector, trim connector and lanyard connector.

Connects to 8 pin AMP connector engines (8/9.9 HP FourStrokes and similar) -Single Engine Application.

84-**8M0125751**

15 ft. harness with horn, push to choke key switch, instrumentation connector, trim connector and lanyard connector.

Connects to 8 pin AMP connector engines (8/9.9 HP FourStrokes and similar) -Single Engine Application.

84-**8M0125752**

20 ft. harness with horn, push to choke key switch, instrumentation connector, trim connector and lanyard connector.

Connects to 8 pin AMP connector engines (8/9.9 HP FourStrokes and similar) -Single Engine Application.

84-**8M0125753**

25 ft. harness with horn, push to choke key switch, instrumentation connector, trim connector and lanyard connector.

Connects to 8 pin AMP connector engines (8/9.9 HP FourStrokes and similar) -Single Engine.

84-**8M0125755**

30 ft. harness with horn, push to choke key switch, instrumentation connector, trim connector and lanyard connector.

Connects to 8 pin AMP connector engines (8/9.9 HP FourStrokes and similar) single engine.

8 PIN KEY SWITCH AND IGNITION HARNESS



84-**8M0125754**

25 ft. harness with horns, push to choke key switches, instrumentation connectors, trim connectors and lanyard connectors.

Connects to 8 pin AMP connector engines (8/9.9 HP FourStrokes and similar) Dual Engine Application.

84-**8M0125756**

30 ft. harness with horns, push to choke key switches, instrumentation connectors, trim connectors and lanyard connectors.

Connects to 8 pin AMP connector engines (8/9.9 HP FourStrokes and similar).Dual Engine Application.

KEY SWITCH W/ HARNESS - NON DTS 14 PIN



84-**896537K02**

2 ft. harness (896537A02) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Included in this kit is also the new 3 position water-proof high quality keyswitch (897716).

2006 and newer Non DTS Outboards from 25 HP to 250 HP- 14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537K08**

8 ft. harness (896537A08) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Included in this kit is also the new 3 position water-proof high quality keyswitch (897716).

2006 and newer Non DTS Outboards from 25 HP to 250 HP- 14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537K11**

11 ft. harness (896537A11) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Included in this kit is also the new 3 position water-proof high quality keyswitch (897716).

2006 and newer Non DTS Outboards from 25 HP to 250 HP- 14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537K15**

15 ft. harness (896537A15) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Included in this kit is also the new 3 position water-proof high quality keyswitch (897716).

2006 and newer Non DTS Outboards from 25 HP to 250 HP- 14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537K20**

20 ft. harness (896537A20) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Included in this kit is also the new 3 position water-proof high quality keyswitch (897716).

2006 and newer Non DTS Outboards from 25 HP to 250 HP- 14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537K24**

25 ft. harness (896537A24) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Included in this kit is also the new 3 position water-proof high quality keyswitch (897716).

2006 and newer Non DTS Outboards from 25 HP to 250 HP- 14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537K25**

Two 25 ft. harnesses (896537A24) with new 14 pin connector for the dual engine applications and additional connectors that allow easy quick connect solutions to the rigging process. Included in this kit is also the new 3 position water-proof high quality keyswitch (matched keyswitch for dual engine applications) (897716K02).

2006 and newer Non DTS Outboards from 25 HP to 250 HP- 14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537K29**

30 ft. harness (896537A29) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Included in this kit is also the new 3 position water-proof high quality keyswitch (897716).

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537K30**

Two 30 ft. harnesses (896537A29) with new 14 pin connector for the dual engine applications and additional connectors that allow easy quick connect solutions to the rigging process. Included in this kit is also the new 3 position water-proof high quality keyswitch (matched keyswitch for dual engine applications)(897716K02).

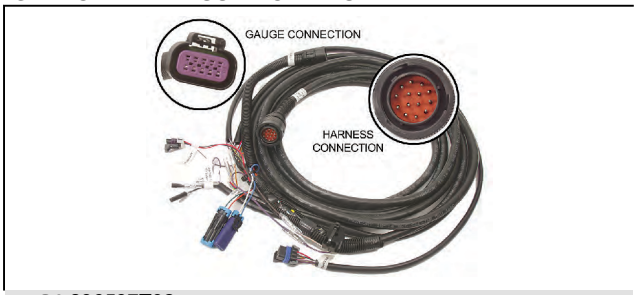
2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537K40**

40 ft. harness (896537A40) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Included in this kit is also the new 3 position water-proof high quality keyswitch (897716).

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

IGNITION HARNESS - NON DTS 14 PIN



84-**896537T02**

2 ft. harness (896537A02) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537T08**

8 ft. harness (896537A08) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537T11**

11 ft. harness (896537A11) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537T15**

15 ft. harness (896537A15) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537T20**

20 ft. harness (896537A20) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537T24**

25 ft. harness (896537A24) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP- 14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537T29**

30 ft. harness (896537A29) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**896537T40**

40 ft. harness (896537A40) with new 14 pin connector for the engine and additional connectors that allow easy quick connect solutions to the rigging process. Loose harness. Analog gauges also require the use of harness 84-892990T01, T10 or T15.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

HARNESS - NON DTS 14 PIN- ANALOG GAUGE



84-**892990T01**

5 ft. long. This harness will connect directly to the non DTS harness at the helm. It will allow you to connect to analog gauges on the dash and allows the choke function to work on the 8/9.9/15/20 FourStroke carbureted outboards with serial numbers beginning with "0R." Used with 84-896537__ harness.

2006 and newer Non DTS Outboards from 25 HP to 250 HP-14 Pin Connectors. All MCM / MIE engines equipped with 14 pin connectors.

84-**892990T10**

10 ft. long. This harness will connect directly to the non DTS harness at the helm. It will allow you to connect to analog gauges on the dash. Used with 84-896537__ harness.

2006 and newer Non DTS Outboards from 25 HP to 250 HP- 14 Pin Connectors. All MCM/MIE engines equipped with 14 pin connectors.

84-**892990T15**

15 ft. long. This harness will connect directly to the non DTS harness at the helm. It will allow you to connect to analog gauges on the dash. Used with 84-896537__ harness.

2006 and newer Non DTS Outboards from 25 HP to 250 HP- 14 Pin Connectors. All MCM/MIE engines equipped with 14 pin connectors.

TRANSOM MOUNTED IGNITION KEYSWITCH

A transom mounted keyswitch allowing for activation of the starter solenoid, a choke or enrichner valve.

TRANSOM MOUNTED IGNITION KEYSWITCH



15000A 7

Includes a push-to-choke function and a warning horn. Has a 6 ft. (182 cm) cable length. Has an 8 pin engine connector.

Fits many varying outboards and applications through Model Year 2005 where a keyswitch with warning horn and choke (enrichner) function is desired. Outboards require a remote control engine harness be used in conjunction with this switch in order for it to function. Warning horn feature is not present on all model outboards.

TRANSOM MOUNTED IGNITION KEYSWITCH



15000A14

Includes a push-to-choke function and a warning horn. Has a 6 ft. (182 cm) cable length. Has the 14 pin engine connector.

Fits many varying outboards and applications beginning in Model Year 2006 where a keyswitch with warning horn and choke (enrichner) function is desired. Outboards require a remote control engine harness be used in conjunction with this switch in order for it to function. Warning horn feature is not present on all model outboards.

TRANSOM MOUNTED IGNITION KEYSWITCH



87-**8M0090402**

Includes a key function and a warning horn. Has a 6 ft. (182 cm) cable length. Has a 14 pin engine connector.

Fits EFI outboards and applications after Model Year 2006 where a keyswitch with warning horn is desired. Outboards require a remote control engine harness be used in conjunction with this switch in order for it to function. Warning horn feature is not present on all model outboards. For EFI models only (14 pin connector engine) DOES NOT HAVE PUSH TO CHOKE

START / STOP SWITCHES

SINGLE ENGINE START/STOP PAD



87-**8M0117136**

Low profile mount single engine start/stop pad which allows start and stop of engine with keyswitch in the RUN position.

Can be used on all single engine DTS applications

DUAL ENGINE START/STOP PAD



87-**8M0117137**

Low profile mount dual engine start/stop pad which allows start and stop of engines with keyswitches in the RUN position.

Can be used on all dual engine DTS applications

TRIPLE ENGINE START/STOP PAD



87-**8M0117138**

Low profile mount triple engine start/stop pad which allows start and stop of engines with keyswitches in the RUN position.

Can be used on all triple engine DTS applications

QUAD ENGINE START/STOP PAD - STARBOARD



87-**8M0117139**

Low profile mount quad engine start/stop pad (STBD) which allows start and stop of engines with keyswitches in the RUN position.

Can be used on all quad engine DTS applications (STBD)

ELECTRICAL

QUAD ENGINE START/STOP PAD - PORT



87-**8M0117140**

Low profile mount quad engine start/stop pad (PORT) which allows start and stop of engines with keyswitches in the RUN position.

Can be used on all quad engine DTS applications (PORT)

BEZEL



879315T01

Black

Start/Stop switch kit, flush mount. For single, dual, triple and quad application.

START/STOP EXTENSION HARNESS



84-**896380T05**

5 ft. Allows you to extend the harness an extra 5 ft. from the start/stop button. Compatible with 3pin extension if 10ft, 15ft, or 20ft start/stop extension needed.

Used on all DTS engines.

KEY SWITCHES

KEY SWITCH - 3 POSITION WITH DECAL/WASHER



87-**897716K01**

Three position keyswitch with shorter key and mounting length (Off, Run and Start). Loose switch only. 3/4 inch cut out. Includes switch with decal and washer.

Can be used on DTS as well as Non DTS installations.

KEY SWITCH - 3 POSITION WITH DECAL/WASHER



87-**897716K02**

Three position keyswitch with shorter key and mounting length (Off, Run and Start). Loose switch only. 3/4 in. cut out. Includes switch with decal and washer. Matched set for dual engine installs.

Can be used on DTS as well as Non DTS installations. Matched keyswitches for dual installations

KEY SWITCH - 4 POSITION



87-**893353A02**

Four position keyswitch (Off, Accessory, Run and Start). Loose switch only. 7/8 inch cut out.

Can be used on DTS as well as non DTS installations

KEY SWITCH KIT - 4 POSITION W/MOUNTING HARDWARE



87-**893353A03**

Four position keyswitch (Off, Accessory, Run and Start). Includes keyswitch, key cover, bezel, 2 1/8 inch diameter mounting housing and mounting hardware. 7/8 inch cut out.

Can be used on DTS as well as non DTS installations

KEY SWITCH KIT - 4 POSITION MATCHED KEYS-DUALS



87-**893353A04**

Four position keyswitch- dual engines (Off, Accessory, Run and Start). Includes matched keyswitch, key cover, bezel, 2 1/8 inch diameter mounting housing and mounting hardware. 7/8 inch cut out.

Dual engine - matched key set. Can be used on DTS as well as non DTS installations

KEY SWITCH KIT - 4 POSITION MATCHED KEYS-TRIPLES



87-**893353A05**

Four position keyswitch- triple engines (Off, Accessory, Run and Start). Includes matched keyswitch, key cover, bezel, 2 1/8 inch diameter, mounting housing and mounting hardware. 7/8 inch cut out.

Triple engine - matched key set

KEY SWITCH KIT - 4 POSITION MATCHED KEYS-QUADS



87-**893353A06**

Four position keyswitch-Quad engines (Off, Accessory, Run and Start). Includes matched keyswitch, key cover, bezel, 2 1/8 in. diameter, mounting housing and mounting hardware. 7/8 in. cut out.

Quad engine - matched key set

KEY SWITCH KIT - 4 POSITION MATCHED KEYS - QUINTS



87-**8M0077850**

Four position keyswitch-Quint engines (Off, Accessory, Run and Start). Includes matched keyswitch, key cover, bezel, 2 1/8 inch diameter mounting housing and mounting hardware. 7/8 inch cut out.

Quint engine - matched key set

KEY SWITCH KIT

Image not Available.

87-**8M0157375**

Four position six matched keys

KEY SWITCH EXTENSION - NO CRANK - 5 FT



84-**896691T05**

5 ft. length. This extension is used when the remote mounting a keyswitch (no crank possible), only has off/on functions.

Used on all DTS engines.

KEY SWITCH EXTENSION - NO CRANK - 10 FT

84-**896691T10**

10 ft. length. This extension is used when the remote mounting a keyswitch (no crank possible). Only has off/on functions.

Used on all DTS engines.

KEY SWITCH EXTENSION - NO CRANK - 15 FT

896691T15

15 ft. length. This extension is used when the remote mounting a keyswitch (no crank possible), only has off/on functions.

Used on all DTS engines.

IGNITION KEYS - NUMERIC

To order correct key, convert the number stamped on your key to a part number.

REPLACEMENT IGNITION KEY



30431123

Key stamped with "123"

Priced individually, sold @ multiples of 2

30431124

Key stamped with "124"

Priced individually, sold @ multiples of 2

30431125

Key stamped with "125"

Priced individually, sold @ multiples of 2

30431126

Key stamped with "126"

Priced individually, sold @ multiples of 2

30431127

Key stamped with "127"

Priced individually, sold @ multiples of 2

30431128

Key stamped with "128"

Priced individually, sold @ multiples of 2

30431129

Key stamped with "129"

Priced individually, sold @ multiples of 2

30431130

Key stamped with "130"

Priced individually, sold @ multiples of 2

30431131
Key stamped with "131"
Priced individually, sold @ multiples of 2

30431132
Key stamped with "132"
Priced individually, sold @ multiples of 2

30431133
Key stamped with "133"
Priced individually, sold @ multiples of 2

30431134
Key stamped with "134"
Priced individually, sold @ multiples of 2

ALPHA/NUMERIC KEY CHART

Key Chart A - Alpha/Numeric Keys

Key Number	Part Number	Status
1A	89491 1	Active
1B	89491 2	Active
1C	89491 3	Active
1D	89491 4	Active
1E	89491 5	Active
1F	89491 6	Active
2A	89491 7	Active
2B	89491 8	Active
2C	89491 9	Active
2D	89491 10	Active
2E	89491 11	Active
2F	89491 12	Active

IGNITION KEYS - 4 POSITION - BASE NUMBER 893353 KEY SWITCH

To order correct key, convert the number stamped on your separate plate for part number.

REPLACEMENT IGNITION KEY



896919951
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #951.

896919952
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #952.

896919953
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #953.

896919954
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #954.

896919955
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #955.

896919956
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #956.

896919957
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #957.

896919958
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #958.

896919959
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #959.

896919960
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #960.

896919961
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #961.

896919962
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #962.

896919963
Replacement for new 4 position Key switch (893353A__ series) Number is on metal plate that comes with keys- #963

896919964
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #964.

896919965
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #965.

896919966
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #966.

896919967
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #967.

896919968
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #968.

896919969
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #969.

896919970
Replacement for new 4 position Key switch (893353A__ series). Number is on metal plate that comes with keys- #970.

IGNITION KEYS - 3 POSITION - BASE NUMBER 897716 KEY SWITCH

To order correct key, convert the number stamped on your key to a part number.

REPLACEMENT IGNITION KEYS



87-897716451
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys.

87-897716457
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #457.

87-897716460
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #460.

87-897716461
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #461.

87-897716462
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #462.

87-897716463
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #463.

87-897716821
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #821.

87-897716827
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #827.

87-897716830
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #830.

87-897716831
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #831.

87-897716832
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #832.

87-897716833
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #833.

87-897716841
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #841.

87-897716847
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #847.

87-897716850
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #850.

87-897716851
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #851.

87-897716852
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #852.

87-897716853
Replacement keys for 3 position 87-897716 key switch. Number is on plate that comes with original keys #853.

NUMERIC KEY CHART

Key Chart B - Numeric Keys

Key Number	Part Number	Status
101	30431101	N.L.A.
102	30431102	N.L.A.
103	30431103	N.L.A.
104	30431104	Active
105	30431105	Active
106	30431106	Active
107	30431107	N.L.A.
108	30431108	Active
109	30431109	Active
110	30431110	N.L.A.
111	30431111	N.L.A.
112	30431112	N.L.A.
113	30431113	Active
114	30431114	N.L.A.
115	30431115	N.L.A.
116	30431116	Active
117	30431117	Active
118	30431118	Active
119	30431119	Active
120	30431120	Active
121	30431121	N.L.A.
122	30431122	Active
123	30431123	Active
124	30431124	Active
125	30431125	Active
126	30431126	Active
127	30431127	Active
128	30431128	Active
129	30431129	Active
130	30431130	Active
131	30431131	Active
132	30431132	Active
133	30431133	Active
134	30431134	Active

MARINER UNIQUE IGNITION KEYS

To order correct key, convert the number stamped on your key to a Quicksilver part number. Fits Mariner (Japanese Origin) dash mounted key panels.

MARINER UNIQUE IGNITION KEY CHART

Key Chart C

Key Number	Part Number	Status
111	93092M	N.L.A.
112	93093M	N.L.A.
113	93094M	N.L.A.
121	93095M	Active
122	93096M	N.L.A.
123	93097M	Active
221	93078M	N.L.A.
222	93079M	N.L.A.
223	93080M	N.L.A.
224	93081M	N.L.A.
225	93082M	N.L.A.
226	93083M	N.L.A.
227	93084M	N.L.A.
228	93085M	N.L.A.
229	93086M	N.L.A.
230	93087M	N.L.A.
231	93088M	N.L.A.
232	93089M	N.L.A.
233	93090M	N.L.A.
234	93091M	N.L.A.
451	13294451	Active
452	13294452	N.L.A.
453	13294453	Active
454	13294454	N.L.A.
455	13294455	Active

Key Number	Part Number	Status
456	13294456	Active
457	13294457	Active
458	13294458	Active
459	13294459	Active
460	13294460	N.L.A.
461	13294461	Active
462	13294462	Active
463	13294463	Active
464	13294464	Active
465	13294465	Active
466	13294466	Active
467	13294467	N.L.A.
468	13294468	Active
469	13294469	N.L.A.
470	13294470	Active

FORCE UNIQUE IGNITION KEYS

To order correct key, convert the number stamped on your key to a Quicksilver part number. Fits Force Ignition switches 1992 and prior.

REPLACEMENT IGNITION KEY



817782 1
Key stamped with "A" or not stamped with anything.

817883 1
Key stamped with "B"

817891 1
Key stamped with "C"

817928 1
Key stamped with "D"

817929 1
Key stamped with "E"

819012
Key stamped with "51"

819013
Key stamped with "55"

819014
Key stamped with "65"

819015
Key stamped with "66"

819016
Key stamped with "67"

FORCE UNIQUE IGNITION KEY CHART

Key Chart D

Key Number	Part Number	Status
Not Stamped	817782 1	Active
A	817782 1	Active
B	817883 1	Active
C	817891 1	Active
D	817928 1	Active
E	817929 1	Active
51	819012	Active
55	819013	Active
65	819014	Active
66	819015	Active
67	819016	Active

IGNITION KEY COVER

BLACK PLASTIC KEY COVER



90468A 1
Fits most ignition switch keys.

LANYARD STOP SWITCHES

Lanyard cord attaches to the toggle switch or cap and boat driver. When switch toggles or cap pulls off switch, the ignition is interrupted and the engine shuts down.

LANYARD STOP SWITCH



87- **19674A05**
5 ft. (1.53 m) harness. Surface mount or flush mount. Used when mounting controls with no lanyard switch included.
MCM/MIE engines. Do not use on DTS engines.

LANYARD STOP SWITCH



87- **19674A06**

5 ft. (1.53 m) harness. 2 inch cut out with Black bezel. Used when mounting controls with no lanyard switch included. Chrome bezel optional - order separate.

MCM/MIE engines. Do not use on DTS engines.

LANYARD STOP SWITCH



87- **19674A07**

5 ft. (1.53 m) harness. Surface or Flush mount. Used when mounting controls with no lanyard switch included.

Used on Outboards and DTS engines

LANYARD STOP SWITCH



87- **19674A08**

5 ft. (1.53 m) harness. 2 inch cut out with Black bezel. Used when mounting controls with no lanyard switch included. Chrome bezel optional - order separate.

Used on Outboards and DTS engines

LANYARD STOP SWITCH - DUAL FLUSH MOUNT



87-**814324A 2**

5 ft. (1.53 m) harness. Dual engine kit, surface mount or flush mount. Used when mounting controls with no lanyard switch included.

Used on Non DTS MCM/MIE Engine - See 87-19674A12 and A13 for OB/DTS Installations

LANYARD STOP SWITCH -DUAL FLUSH MOUNT



87- **19674A12**

5 ft. (1.53 m) harness. Surface or Flush mount. Used for Dual Engine installations.

Used on Outboards and DTS engines

LANYARD STOP SWITCH -DUAL BEZEL 2 INCH



87- **19674A13**

5 ft.(1.53 m) harness. 2 inch cut out with Black bezel. Used with dual engine installations.

Chrome bezel optional - order separate.

Used on Outboards and DTS engines

LANYARD STOP SWITCH - TRIPLE FLUSH MOUNT



8M0139419

Flush mount lanyard stop switch kit. Must order additional bezel retro fit kit 8M0182075.

Triple engine applications

LANYARD STOP SWITCH - QUAD FLUSH MOUNT



8M0139420

Flush Mount lanyard stop switch kit. Must order additional bezel retro fit kit 8M0182075.

Quad engine applications

LANYARD STOP SWITCH



87-**823037A04**

Fits Mercury/Mariner 2.5, 3.3, 4, 5 hp (U.S. S/N 0A809601 and above; Belgium S/N 9589154 and above) and 4/5/6 FourStroke.

LANYARD STOP SWITCH



87-**856654A 2**

3-1/2 in. (89 mm) wires, does not include cap. Normally closed switch.

Fits Mercury/Mariner outboards.

LANYARD STOP SWITCH



87-**856654A 4**

20 ft. (6.2 m) harness. Includes 2 caps.

Fits Mercury/Mariner outboards and MCM/MIE engines.

LANYARD DIODE KIT



84-**898289A72**

This kit is dual engine adapter that is required when connecting one lanyard stop switch to two engines. Without this kit the engines would not be able to start or stop independently.

Fits Mercury / Mariner outboards.

LANYARD STOP SWITCH CAP



75095T 2

Replacement cap for (65503A__ and 856654A__ series) Lanyard Stop Switches.

Fits Mercury/Mariner outboards and MCM/MIE engines.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

75095Q 2

Replacement cap for (65503A__ and 856654A__ series) Lanyard Stop Switches.

Fits Mercury/Mariner outboards and MCM/MIE engines.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

LANYARD CORD - 54 INCH



8M0092849

Lanyard cord with new ergonomic plastic clip, 54 inches in length.

Can be utilized on any Mercury Marine/Quicksilver lanyard stop switch at the helm. Does not work with engine mounted stop switches.

Priced individually, sold @ multiples of 2

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

LANYARD COUNTER DISPLAY KIT



8M0092854

Contains 12 Mercury Point-of-Sale packaged lanyards for counter display.

LANYARD CORD - 70 INCH



8M0092851

Lanyard cord with improved ergonomic plastic clip, 70 inches in length.
Intended for use on Big Tiller applications.

LANYARD CORD



823054Q

Fork style lanyard used with the engine mounted stop switch on the 2.5, 3.3, 4/5 HP (2-cycle), 4/5/6 (FourStroke) outboard engines.
Priced individually, sold @ multiples of 2
Quicksilver Branded, Clamshell Package Point of Sale Packaged.

LANYARD SWITCHES

LANYARD STOP SWITCH



87- **19674A08**

5 ft. (1.53 m) harness. 2 inch cut out with Black bezel. Used when mounting controls with no lanyard switch included. Chrome bezel optional - order separate.
Used on Outboards and DTS engines

LANYARD STOP SWITCH -DUAL FLUSH MOUNT



87- **19674A12**

5 ft. (1.53 m) harness. Surface or Flush mount. Used for Dual Engine installations.
Used on Outboards and DTS engines

SHADOW RESISTOR PACKS

RESISTOR PACK- DTS SHADOW MODE



898091T01

Resistor pack used with DTS Shadow Mode applications. #93 included with the harness for this versions Helm 1 and Starboard 2.
Triple engine / single helm applications 2006 models and newer

RESISTOR PACK #94 - QUAD DTS SHADOW MODE



898091T02

Resistor pack #94 used on Quad DTS Shadow control single helm applications. Helm 1 and Port 2.
Quad engine / single helm applications 2006 models and newer

RESISTOR PACK- DTS SHADOW MODE



898091T03

Resistor pack used with DTS Shadow Mode applications. #97 Helm 2 and Starboard 2. Included in lower or primary helm for dual helm installs (895816A, 895817A, 895818A, and 895819A series helms).
Triple engine / dual helm applications 2006 models and newer.

RESISTOR PACK #98 ASSEMBLY - QUAD SHADOW MODE



898091T04

Resistor pack #98 used with Quad DTS Shadow control dual helm applications. (#98) Helm 2, Port 2
Quad engine / dual helm applications 2006 models and newer.

JUNCTION BOXES/JUNCTION BOX ACCESSORIES

SMARTCRAFT WEATHER CAP



859318T 2
Weather Cap for SmartCraft Junction Box
Provides weather protection at unused junction box connection points

859318B 2
Weather Cap for SmartCraft Junction Box
Provides weather protection at unused junction box connection points
Priced individually, sold @ multiples of 24

10 PIN WEATHER CAP



888507T
10 pin weather cap with mounting tab.
Used for harnessing that could plug into a Junction Box.

SMARTCRAFT J-BOX TERMINATOR/RESISTOR



859318T 1
SmartCraft Yellow 10-pin Terminator/Resistor.
Provides CAN Bus termination for CAN P network.

TERMINATOR ASSEMBLY

Image not Available.

859318A04
Terminator Assembly for CAN 1 and 3.

SMARTCRAFT J-BOX TERMINATOR/RESISTOR



859318B 1
SmartCraft Yellow Junction Box Terminator/Resistor
Provides CAN Bus termination where installed
Priced individually, sold @ multiples of 24

TERMINATOR ASSEMBLY



8M0055652
SmartCraft Red Terminator Can 1/P & H

RESISTOR- TERMINATION- 2 PIN



893388A01
Blue 2-pin terminator/resistor
Provides CAN bus termination for CAN Networks.

HELM MPR 2 PIN WEATHER CAP



86-**8M0054244**
GT280 2 pin male weather cap.
Used on Joystick (Zeus, Axius and JPO) applications for the Helm MPR connection harness 8M2021476.

PLUG ASY DIAGNOSTIC PORT



8M0046339

10 pin diagnostic port for use on any SmartCraft application.

Used as a 10 pin diagnostic port for connecting Mercury Computer Diagnostic System (CDS) junction box connection. Typically gets mounted at the helm, out of line of sight so that a technician does not have to disassemble helm to plug into a 10 pin connection. Requires a harness from back of diagnostic port to a 10 pin SmartCraft connection in the rigging.

J-BOX Y HARNESS



84-**8M0165555**

J-box Y harness

5-WAY J-BOX KIT W/3 WEATHER CAPS



98-**8M0165557**

5-way J-box kit with 3 weather caps.

5-WAY J-BOX KIT @ 24 KIT

Image not Available.

8M0175293

5-way Jbox kit.

Priced individually, sold @ multiples of 24

J-BOX STACKING PLUG KIT

Image not Available.

23-**8M0174363**

J-box Stacking Plug designed for easy vertical stacking of J-Boxes, allowing all plugs to be positioned on one side.

BLUE CAN P RESISTOR

Image not Available.

82-**8M0171627**

CAN P resistor, blue

SECURITY SYSTEMS

This section will include security devices that will help protect your engine against theft..

1ST MATE SAFETY & SECURITY SYSTEM - MERCURY SMARTCRAFT SINGLE ENGINE KIT



98-**8M6007933**

1st Mate Safety & Security System is an engine integrated wireless man overboard (MOB) and theft deterrent system.

1st Mate has three main features:
1. Wireless MOB (man overboard) monitoring for the captain and up to 7 additional passengers (passenger wearables sold separately)
2. Distress Messaging texts that provide location, date and time via cellular on the mobile device to emergency contacts set up in the app
3. Theft Deterrent capability that prevents the engines from starting unless unlocked with proximity of the Captain's wearable and/or unlocking the vessel through the 1st Mate app (PIN, fingerprint, face recognition).

Single Engine Kit contains these components: intelligent hub and harness, one RFID tag, and one Captain's wearables fob kit (Captain's fob and the red wristband and carabiner clip wearables).

Single engine use on Mercury SmartCraft engine applications. Visit www.1stMate.net to get all the latest details.

1ST MATE SAFETY & SECURITY SYSTEM - MERCURY SMARTCRAFT DUAL ENGINE KIT



98-**8M6007934**

1st Mate Safety & Security System is an engine integrated wireless man overboard (MOB) and theft deterrent system.

1st Mate has three main features:
1. Wireless MOB (man overboard) monitoring for the captain and up to 7 additional passengers (passenger wearables sold separately)
2. Distress Messaging texts that provide location, date and time via cellular on the mobile device to emergency contacts set up in the app
3. Theft Deterrent capability that prevents the engines from starting unless unlocked with proximity of the Captain's wearable and/or unlocking the vessel through the 1st Mate app (PIN, fingerprint, face recognition).

Dual Engine Kit contains these components: intelligent hub and harness, one RFID tag, and one Captain's wearables fob kit (Captain's fob and the red wristband and carabiner clip wearables).

Dual engine use on Mercury SmartCraft engine applications. Visit www.1stMate.net to get all the latest details.

1ST MATE SAFETY & SECURITY SYSTEM - MERCURY SMARTCRAFT TRIPLE ENGINE KIT



98-**8M6007937**

1st Mate Safety & Security System is an engine integrated wireless man overboard (MOB) and theft deterrent system.

1st Mate has three main features:
1. Wireless MOB (man overboard) monitoring for the captain and up to 7 additional passengers (passenger wearables sold separately)
2. Distress Messaging texts that provide location, date and time via cellular on the mobile device to emergency contacts set up in the app
3. Theft Deterrent capability that prevents the engines from starting unless unlocked with proximity of the Captain's wearable and/or unlocking the vessel through the 1st Mate app (PIN, fingerprint, face recognition).

Triple Engine Kit contains these components: intelligent hub and harness, one RFID tag, and one Captain's wearables fob kit (Captain's fob and the red wristband and carabiner clip wearables).

Triple engine use on Mercury SmartCraft engine applications. Visit www.1stMate.net to get all the latest details.

1ST MATE SAFETY & SECURITY SYSTEM - MERCURY SMARTCRAFT 4/5/6 ENGINE KIT



98-**8M6007938**

1st Mate Safety & Security System is an engine integrated wireless man overboard (MOB) and theft deterrent system.

1st Mate has three main features:
1. Wireless MOB (man overboard) monitoring for the captain and up to 7 additional passengers (passenger wearables sold separately)
2. Distress Messaging texts that provide location, date and time via cellular on the mobile device to emergency contacts set up in the app
3. Theft Deterrent capability that prevents the engines from starting unless unlocked with proximity of the Captain's wearable and/or unlocking the vessel through the 1st Mate app (PIN, fingerprint, face recognition).

4/5/6 Engine Kit contains these components: intelligent hub and harness, one RFID tag, and one Captain's wearables fob kit (Captain's fob and the red wristband and carabiner clip wearables).

4/5/6 engines on Mercury SmartCraft engine applications. Visit www.1stMate.net to get all the latest details.

1ST MATE CAPTAIN'S WEARABLE FOB KIT



98-**8M6007943**

1st Mate Safety & Security System - Captain's wearable fob kit contains the Captain's fob along with the red wristband and carabiner clip wearables for retaining the fob.

For use with any 1st Mate Safety & Security System. Only 1 Captain's fob and up to 7 additional passenger fobs can be in use simultaneously. However, up to 3 Captain's fobs can be paired to a vessel.

1ST MATE PASSENGER'S WEARABLE FOB KIT



98-**8M6007944**

1st Mate Safety & Security System - Passenger's wearable fob kit contains the Passenger's fob along with the black wristband and carabiner clip wearables for retaining the fob.

For use with any 1st Mate Safety & Security System. Up to 7 additional passenger fobs can be in use simultaneously on one vessel.

CONTROL MODULE THEFT - MERCURY TDS



8M0056987

Control Module that communicates information as part of the Mercury TDS (Theft Deterrent System) Service replacement part

Used in kit 8M0057383 See Kit for applications

FOB -MERCURY TDS (THEFT DETERRENT SYSTEM)



8M0056988

Fob replacement kit to activateTheft Deterrent System as part of the Mercury TDS (Theft Deterrent System) Service replacement part

Used in kit 8M0057383 See Kit for applications

DOCKING STATION - THEFT - MERCURY TDS



8M0056994

Docking station that communicates information as part of the Mercury TDS (Theft Deterrent System) Service replacement part

Used in kit 8M0057383 See Kit for applications

WIRING HARNESS - THEFT - MERCURY TDS



84-**8M0056993**

Service replacement part.
Main harness that connects docking station and module as part of the Mercury TDS (Theft Deterrent System)
Used in kit 8M0057383 See Kit for applications

BEZEL



8M6002359

Chrome - 52 mm
Fits small 2-1/8 in.(52 mm) O.D. SC100 System Link gauges
Priced individually, sold @ multiples of 2

IRIDIUM SATELLITE ANTENNA



8M0059430

Iridium Satellite antenna used in the Mercury TDS - Premium security system.
Mercury TDS - Premium Kits

ADHESIVE PAD, SQUARE

8M0059439

Adhesive square (Iridium) used in the Mercury TDS - Premium security system.
Mercury TDS - Premium Kits

GPS ANTENNA



8M0059429

GPS antenna used in the Mercury TDS - Premium security system.
Mercury TDS - Premium Kits

ADHESIVE PAD , OVAL

8M0059438

Adhesive oval pad (GPS) used in the Mercury TDS - Premium security system.
Mercury TDS - Premium Kits

POWER HARNESS



84-**8M0059434**

Power cord used in the Mercury TDS - Premium security system.
Mercury TDS - Premium Kits

J-BOX EXTENSION



84-**8M0059435**

J-Box extension used in the Mercury TDS - Premium security system.
Mercury TDS - Premium Kits

OUTBOARD NUT LOCK TRANSOM - SCM CERTIFIED



11-**8M0162394**

SCM certified High Strength Outboard Motor Lock for added security that fits most turnbuckle design bolts. This kit features anti drill protection from the hardened case, polished Marine Grade steel, noise dampening to reduce rattle and 2 security keys that can not be duplicated.
For outboards that use the turnbuckle (thumb screw) mounting bolts.

OUTBOARD TURNBUCKLE LOCK - SCM CERTIFIED



8M0162395

SCM+VbV certified High Strength Outboard Motor Lock for added security and protection for your
Outboard. Features 2 security keys that can not be duplicated, Anti-Drill hardened Marine Grade Steel to make it harder to saw or drill through, and will fit up to 1/2 inch (12 MM) engine bolts.

For outboards that use transom mounted bolts

OUTBOARD MOTOR LOCK - BASIC



67-**8M0054123**

Outboard Motor Lock for added security and protection for your Outboard. Features heavy carbon steel design, recessed solid brass lock and noise dampening to reduce rattle. Good security protection at a good value.

Outboards that use turnbuckle (thumb screw) mounting bolts

OUTBOARD MOTOR LOCK - HIGH SECURITY



67-**8M0054122**

High Strength Outboard Motor Lock for added security that fits most turnbuckle design bolts. This kit features anti-drill protection from the hardened case, polished 316 stainless steel, noise dampening to reduce rattle and 2 security keys that can not be duplicated.

Outboards that use the turnbuckle (thumb screw) mounting bolts.

OUTBOARD MOTOR LOCK - TRANSOM



67-**8M0054121**

High Strength Outboard Motor Lock for added security and protection for your Outboard. Features 2 security keys that can not be duplicated, anti-drill hardened material to make it harder to saw or drill thru and will fit up to 1/2 inch (12 MM) engine bolts.

Outboards that use transom mounted bolts

OUTBOARD MOTOR LOCK



67-**8M0126685**

SSF certified High Strength Outboard Motor Lock for added security that fits most turnbuckle design bolts. This kit features anti drill protection from the hardened case, polished
Marine Grade steel, noise dampening to reduce rattle and 2 security keys that can not be duplicated.

For outboards that use the turnbuckle (thumb screw) mounting bolts.

OUTBOARD MOTOR LOCK



67-**8M0126686**

SSF certified High Strength Outboard Motor Lock for added security and protection for your
Outboard. Features 2 security keys that can not be duplicated, Anti-Drill hardened Marine Grade Steel to make it harder to saw or drill thru and will fit up to 1/2 inch (12 MM)
engine bolts.

For outboards that use transom mounted bolts

SAFETY SYSTEMS

WARNING HORN KIT



816492A 9

Kit includes the new style piezo horn used with 1986 and newer remote controls and wiring harnesses.

Fits 2000 and newer Mercury/Mariner V-6 outboards. Also fits MY2002 and newer 525-1200 Hp. Race Sterndrives.

LIGHT - DASH MOUNTED - CATALYST MALFUNCTION



8M0046481

Light will go on indicating that a malfunction has occurred with your catalyst on your engine. This means you will need to get your engine serviced soon. Works similar to your check Engine light in your truck or car (harness to be sold separately). Harness numbers for single helms: (8M0048049, 8M0048054, 8M0048055, 8M0048056, 8M0048057, 8M0048058, 8M0048059).

MerCruiser products that are equipped with a catalyst.

HARNESS - MALFUNCTION LIGHT



84-**8M0048049**

This harness is to connect the OBDM malfunction light for single helm applications. 10 ft.

All Mercruiser engines that have a catalyst

84-**8M0048054**

This harness is to connect the OBDM malfunction light for single helm applications. 15 ft.

All Mercruiser engines that have a catalyst

84-**8M0048055**

This harness is to connect the OBDM malfunction light for single helm applications. 20 ft.

All Mercruiser engines that have a catalyst

84-**8M0048056**

This harness is to connect the OBDM malfunction light for single helm applications. 25 ft.

All Mercruiser engines that have a catalyst

84-**8M0048057**

This harness is to connect the OBDM malfunction light for single helm applications. 30 ft.

All Mercruiser engines that have a catalyst

84-**8M0048058**

This harness is to connect the OBDM malfunction light for single helm applications. 40 ft.

All Mercruiser engines that have a catalyst

HARNESS - MALFUNCTION LIGHT



84-**8M0048040**

This harness is to connect the OBDM malfunction light for dual helm applications. 10 ft.

All Mercruiser engines that have a catalyst

NON SMARTCRAFT MOVING PROP ALERT LIGHT SYSTEM - OVAL



8M0109508

Moving Prop (MP Alert) Alert Light system is a highly visible light system that provides additional notice to swimmers when the engine is running and the propeller is in motion. This kit is a two light kit that includes 2 smart lights with 6 LED lights, a control module (connected to the engine computer) and a 20 ft wiring harness (other lengths available). Also included is hardware needed to mount the lights. Additonal lights can be purchased to add to the system. (Oval Shape)

Analog Engine / Non Smartcraft (Single Engines Only)

MOVING PROP ALERT LIGHT SYSTEM - OVAL



8M0109507

Moving Prop (MP Alert) Alert Light system is a highly visible light system that provides additional notice to swimmers when the engine is running and the propeller is in motion. This kit is a two light kit that includes the smart lights with 6 LED lights each, a control module (connected to the engine computer) and a 20 ft. wiring harness (other lengths available). Also included is hardware needed to mount the light. Additional lights can be purchased to add to the system (Oval Shape).

Works with all SmartCraft compatible engines.

MP ALERT - ADD A LIGHT



8M0109505

This kit will allow you to add additional lights to the MP Alert kits. Each kit includes one light and a Y harness to allow you to easily add a third or forth light on the boat (Oval Shape).

Works with all SmartCraft compatible engines.

MP ALERT LIGHT



8M0109506

Service replacement light for the MP alert kit (Oval Shape).

MP ALERT - OVAL STAINLESS BEZEL



8M0072341

Stainless bezel to be used for any oval MP Alert light

Can be used on any of the new cowl-mounted oval MP Alert options for the 3.4L V6/4.6L V8 Fourstrokes

MP ALERT - OVAL WARM FUSION BEZEL



8M0138978

Warm Fusion bezel to be used for any oval MP Alert light

Should be used on warm fusion cowl-mounted oval MP Alert options for the 3.4L V6/4.6L V8 Fourstrokes

MODULE, MP ALERT



8M0117114

Module used to control the lights on MP Alert.

Controller is used with MP Alert light system on SmartCraft applications. Also can turn on/off with SkyHook feature on Joystick applications

MP ALERT - Y HARNESS



84-**8M0053250**

Y Harness for MP Alert to allow easy installation of third or forth light on the boat.

Works with any SmartCraft compatible engine.

HARNESS EXTENSION MP ALERT



84-**8M0054183**

Harness for connecting MP Alert light to front of boat - 10 ft

84-**8M0054185**

Harness for connecting MP Alert light to front of boat - 20 ft

84-**8M0054186**

Harness for connecting MP Alert light to front of boat - 30 ft

84-**8M0054187**

Harness for connecting MP Alert light to front of boat - 50 ft

TACHOMETER HARNESSES

TACHOMETER HARNESS



84- **69108A 5**

Four pin style. Used with 84-87364A__ series harnesses, 65640A__ series controls and 76334A__ series controls.

TACHOMETER HARNESS



84- **86396A 8**

Five pin style. 4 ft. (1.2 m). Used with Commander, Commander 2000 series & MSC 4000 (8 pin) series side mount controls and Ignition/Choke assemblies.

84- **86396A24**

Five pin style. 13 ft.(4 m). Used with Commander, Commander 2000 series & MSC 4000 series side mount controls and Ignition/Choke assemblies.

REMOTE CONTROL ADAPTER HARNESSES

REMOTE CONTROL ADAPTER HARNESS



84-**892473A01**

Converts the traditional Mercury connector to an amp 8-pin connector. Converts side mount controls 881170A 3, 15, 16 and the 816626A_ series ignition keyswitch harness to connect to the MY2005 and newer 8/9.9 hp. FourStroke outboard.

MY2005 and newer 8/9.9 hp. FourStroke outboard and the 15/20 hp. FourStroke (351cc) outboard when a 8 pin side mount control or keyswitch harness is used.

REMOTE CONTROL/IGNITION CHOKE EXTENSION HARNESSES

Fits Mercury / Mariner 6 HP and Higher (2 cycle, USA & BEL Origin) outboards, Mariner 30/40 HP with oil injection (2 cycle, Japanese Origin), all Mercury / Mariner 4-Stroke (USA Origin) outboards and Force 40 HP and Higher (1993 and Newer). Various applications include 7, 8, and 10 pin harnesses and 12 wire (8 pin plus 4 bullet connectors) used on side mount controls and ignition/choke assemblies.

EXTENSION HARNESS



84- **17829A 2**

2 ft. (0.6 m) harness, 8 lead harness.

Used as harness extension or to complete two station installations.

84- **17829A10**

10 ft. (3.05 m) harness, 8 lead harness.

84- **17829A20**

20 ft. (6.1 m) harness, 8 lead harness.

Used as harness extension or to complete two station installations.

TWO STATION Y-HARNESSES

For boats with two station applications.

TWO STATION "Y" HARNESS



84- **91942A 4**

Used with Instrument Harness (84-812475A3 or 84-812476A 3), Instrument Extension Harness (84-812441A__ series or 84-812835A__ series) and Ignition Switch (54212A 7). Includes two station sending units.

Fits 1986 and newer MCM/MIE gasoline engines and 1994 and newer MCM/MIE diesel engines (except D-Tronic D2.8L,D4.2L and D7.3L diesels).

DUAL STATION SENDERS

Replaces factory installed sender on engine. For use with dual station instrumentation.

ENGINE OIL PRESSURE SENDER



37293T

Fits MCM/MIE gasoline engines

ENGINE OIL PRESSURE SENDER



87-**805268**

For dual station installations

Fits 1994 and newer MCM/MIE Diesel engines

TWO STATION START/STOP PANELS

Mounts in a 3-3/8 inch (86 mm) hole.

TWO STATION START/STOP PANEL



8M0078892

3 ft. (910 mm) harness connects in place of ignition switch.

Used on Outboard installations that have Mechanical Non DTS requirements for Remote Start/Stop. Uses 6 Pin connection and services second station installations.

POWER TRIM CONTROL PANELS

DUAL ENGINE POWER TRIM CONTROL



90362A 3

Toggle switch style with 20 ft. (6.1 m) harness and circuit control box. Mounts in a 3-3/8 in. (86 mm) hole. Designed for dual engine installations equipped with externally mounted tie bars. Simultaneously tilts both drives with a single toggle switch.

Fits Alpha & Bravo sterndrives that are not equipped with Auto Trim.

TRIM SWITCHES

TRIM PAD - DTS DUAL ENGINES



87-**879303A02**

Low profile mount trim pad for dual engine applications

Gen1 (2007 and newer) DTS Dual engines

TRIM PAD - DTS TRIPLE ENGINES



87-**879303A03**

Low profile mount trim pad for triple engine applications.

Gen I (2007 and newer) DTS triple engines

TRIM PAD - DTS QUAD ENGINES



87-**879303A04**

Low profile mount trim pad for quad engine applications

Gen I (2007 and newer) DTS Quad engines

BEZEL



879315T07

Black

Trim switch, triple/quad.

AUXILIARY TRIM HARNESS



84-**895388T02**

Allows connection of trim wires for use of a helm trim lever or secondary trim device.

2004 and newer DTS engines with panel mount remote control

HARNESS

Image not Available.

84-**8M0169503**

Fuse adapter only.

V6/V8 DTS engine must have L6SC fuse

BOW TRIM HARNESS



84-**8M0169506**

Allows connection of trim wires for use of a bow mounted trim button. Harness runs from bow trim switch to engine cowl trim switch.

2004 and newer DTS engines

HARNESS-AUXILIARY DASH SWITCH- DUALS



84-**866704T01**

This harness allows the connection to a auxiliary trim switch. Mounts between the 8 pin trim connector and the command module harness. No diode trim all.

DTS engines

TRIM ALL ADAPTER HARNESS



84-**8M0094269**

Harness allows for use of "trim all" switch on dual console ERCs when retrofitting with previous generation helm harnessing. Can also be used for SF2 dual ZE LCM between pad and handle.

Should only be used in a repower situation where "trim all" handle switch in dual ERC does not match up with existing DTS helm harnessing

TRIM ALL - HARNESS ADAPTER



84-**8M0163379**

Trim all harness adapter

4 POSITION TRIM SWITCH ADAPTER



84-**896394T01**

Used with all dash mounted triple and quad trim switches to adapt to Zero Effort Controls. Triple/Quad engines.

2006 / 2007 (Gen II) DTS engines

TRIM ADAPTER - PADDLE / BLINKER TRIM - ZE



84-**8M0163378**

Paddle trim harness adapter

TRIM ADAPTER - PADDLE / BLINKER TRIM - STD

Image not Available.

84-**8M0165559**

Standard paddle/blinker trim adapter

TRIM ADAPTER (8-PIN TO 3-PIN)



84-**8M0163380**

Trim adapter harness, 8-pin to 3-pin

TRIPLE ENGINE TRIM HARNESS KIT-DTS



84-**895744A02**

Allows connection of multiple DTS engines to trim switches (triple engine with Zero Effort Controls-included in kit).

QUAD ENGINE TRIM HARNESS KIT-DTS



84-**895744A04**

Allows connection of multiple DTS engines to trim switches (Quad engines with Zero Effort Controls-included in kit).

ZERO EFFORT TRIM ADAPTER HARNESS



84-**8M0109408**

Included in Race Rigging Kits.

Required for any newer style Zero Effort control with 8 pin Trim All connector. Harness is 8 pin Zero Effort to bullet connectors

DUAL ENGINE ZERO EFFORT 8 PIN TRIM ALL HARNESS



84-**8M0047784**

Harness that provides individual bullet drops for rocker switches from the 8 pin Trim All connector on the newer Zero Effort remote controls. Individual dash trim rockers with dash trim all

Connects a dual engine Zero Effort control with the newer 8 pin Trim All connector to individual rocker switches via bullets

HARNESS EXTENSION- QUAD

Image not Available.

84-**8M0158127**

48" extension with dash, ERC pad, and Y harness.

TRIM LIMIT KITS

Trim limit kits available to adjust trim up limits.

POWER TRIM SWITCH KIT



87- **18286A46**

Rocker switch style with 25 ft. (7.62 m) harness and bullet connectors. Can be surface mounted or flush mounted. Provides tilt control from the bow or transom location.

Fits Mercury/Mariner 75-115 hp. FourStroke outboards beginning with serial number 1B366823-2B094955.

TRIM LIMIT SWITCH KIT



899625K02

Limits the up travel of the power trim to minimize potential interferences when fully tilted. This is an analog device.

Fits the Mercury/Mariner Opti Max 1.5L (75-115), 2.5L (135,150,175 and 3.0L (200-300) Can also be used in 75-115hp 1.7L 4-stroke engines (Serial number 1B366823-2B094955.)

TRIM LIMIT SWITCH KIT



899625K04

Limits the up travel of the power trim to minimize potential interferences when fully tilted. This is a digital device.

Fits the Mercury/Mariner Opti Max 1.5L (75-115), 2.5L (135,150,1750 and 3.0L (200-250) Can also be used in 75-115 4 stroke engines (Serial number 1B366823 and above. (ref 14 Pin Harness)

TRIM LIMIT SWITCH KIT



899625K08

Limits the up travel of the power trim to minimize potential interferences when fully tilted.

Fits the Mercury/Mariner 40-60 4 Stroke outboard

TRIM CONVERTER AND TILT UP LIMIT KIT



8M0118725

This kit allows the conversion of the trim signal from the analog sender to a digital output for SmartCraft gauge applications. The kit also has an additional feature that allows the max tilt up position to be set to avoid interference when tilting the engine completely up.

2.1L F75-115 Four Stroke

TRIM LIMIT SWITCH KIT



8M0059532

Limits the up travel of the power trim to minimize potential interferences when fully tilted. This is a digital device.

Fits the 150 HP 4 Stroke only

TRANSOM MOUNTED POWER TILT PANEL

TRANSOM MOUNTED POWER TILT PANEL



87-815200A 1

Rocker switch style with 6 ft. (1.8 m) harness and bullet connectors. Provides tilt control from the outside of the boat when trailering and launching. "T" harness (included in kit) connects directly to trim pump with traditional 3 blade connector.

Fits MCM models with power trim having the traditional 3 blade connector.

TRANSOM MOUNTED POWER TILT PANEL



87-815200A02

Rocker switch style with 6 ft. (1.8 m) harness and bullet connectors. Provides tilt control from the outside of the boat when trailering and launching. "T" harness (included in kit) connects directly to trim pump with 3 pin Packard connector.

Fits MCM models with newer power trim having the 3 pin Packard connector.

OUTBOARD POWER TRIM SWITCH KITS

POWER TRIM SWITCH KIT



87- **14645A 4**

Toggle switch style. Tiller handle mounted.

Fits Mercury/Mariner 40 JET and 50/60 HP outboards and operates the power trim kit added to a base ELHO model engine. See Tiller application chart for specific engine models.

POWER TRIM SWITCH KIT



87- **18286A17**

Rocker switch style with 10 ft. (3.05 m) harness and 3 blade connector. Installation requires power trim "Y" harness (58366A 2). Provides tilt control from the bow or transom location.

Fits Mercury/Mariner models equipped with remote mounted trim pump.

POWER TRIM SWITCH KIT



87- **18286A18**

Rocker style switch with 10 ft. harness and bullet connectors. Can be surface mounted or flush mounted. Provides tilt control from the bow or transom location.

Fits Mercury/Mariner models equipped with integral trim pump.

POWER TRIM SWITCH KIT



87- **18286A46**

Rocker switch style with 25 ft. (7.62 m) harness and bullet connectors. Can be surface mounted or flush mounted. Provides tilt control from the bow or transom location.

Fits Mercury/Mariner 75-115 hp. FourStroke outboards beginning with serial number 1B366823-2B094955.

POWER TRIM SWITCH KIT



87- **18286A19**

Rocker switch style with 25 ft.(7.62 m) harness and bullet connectors. Can be surface mounted or flush mounted. Provides tilt control from the bow or transom location.

Fits Mercury/Mariner models equipped with integral trim pump.

POWER TRIM SWITCH KIT



87- **18286A47**

Rocker switch style with 10 ft. (3.0 m) harness and bullet connectors. Can be surface mounted or flush mounted. Provides tilt control from the bow or transom location.

Fits Mercury/Mariner 75-115 hp. FourStroke outboards beginning with serial number 1B366823-2B094955.

TRIM LIMIT SWITCH KIT



87-**814407A 3**

Kit includes a mercury switch to limit power trim travel and a new, shorter tilt bracket.

Fits all Mercury/Mariner V-6 outboard applications which use engine mounted power trim solenoids.

TRIM SWITCH Y-HARNESS



84-**889295T**

Allows for tee-in of bow power trim switch with remote controls.

Fits the F75-90-115 hp. FourStroke outboard, 1B366823 and above.

TROLL CONTROL

TROLL CONTROL- DASH MOUNTED- J BOX SMARTCRAFT INSTALLATIONS



87-**8M0083438**

Troll Control will allow you to have the same functions that you get from the SmartCraft Digital gauges and adjust the speed of the boat. By pushing the button up or down, you can feather your speed every 10 RPM. Go from idle to 1000 RPM or anywhere in between (some engines can actually go lower than idle (75-115 4 stroke(Walleye), 135-200 HP Verado 4 cylinder and 3.0L Optimax). RPM will reset to idle when more than 2-3% movement occurs at the throttle (TPS).

Includes Troll Control button pad. For Mechanical use only. Not compatible with DTS applications.

TROLL CONTROL WITH Y HARNESS- DASH MOUNTED- ANALOG

87-**8M0083439**

Troll Control will allow you to have the same functions that you get from the SmartCraft digital gauges and adjust the speed of the boat. By pushing the button up or down, you can feather your speed every 10 RPM. Go from idle to 1000 RPM or anywhere in between (some engines can actually go lower than idle (75-115 4 stroke (Walleye), 135-200 HP Verado 4 cylinder and 3.0L Optimax). This kit will be used in analog gauge installations. RPM will reset to idle when more than 2-3% movement occurs at the throttle (TPS).

"Y" harness included in kit to connect to main engine harness. For Mechanical use only. Not compatible with DTS applications.

TROLL CONTROL Y HARNESS



84-**8M0042976**

Y harness allows you to connect directly to main engine harness and the Troll Control kit without using a "J" box. Mechanical 14pin CANP breakout harness only. Not compatible with Next Gen DTS or any other CANH system.

Used with Troll Control Kit 879365K08 (879365A08).

TROLL CONTROL KIT



87-**8M0083437**

RPM adjustment at your finger tips. This kit can be added to the Big Tiller Mechanical without P/S as an option.

Y Harness not included. Mechanical use only. Not compatible with DTS applications.

POWER TRIM EXTENSION HARNESSES

Plugs into remote control or trim panel with 3 blade connectors.

POWER TRIM EXTENSION HARNESS



46838A 4

10 ft.(3.05 m) harness and 3 blade connectors.

Fits Mercury/Mariner and MCM models with power trim.

46838A 6

20 ft.(6.1 m) harness and 3 blade connectors. Note: Use with dual solenoid trim pump only.

Fits Mercury/Mariner and MCM models with power trim.

POWER TRIM EXTENSION HARNESS



84-**817659T01**

16 ft.(4.88 m) harness.
This harness connects the remote control 4 pin Molex connector to the traditional 3 blade Mercury pump trim pump connector.

MCM/MIE

84-**881125A 1**

24 ft.(4.88 m) harness.
This harness connects the remote control 4 pin Molex connector to the traditional 3 blade Mercury pump trim pump connector.

MCM/MIE

POWER TRIM EXTENSION HARNESS



84-**865772T01**

16 ft.(4.88 m) harness.
This harness connects the remote control 4 pin Molex connector to the newer design 3 pin Packard pump trim pump connector.
MCM/MIE

POWER TRIM EXTENSION HARNESS



84-**865772T02**

24 ft.(4.88 m) harness.
This harness connects the remote control 4 pin Molex connector to the newer design 3 pin Packard pump trim pump connector.
MCM/MIE

POWER TRIM EXTENSION HOSE/HARNESS KIT

POWER TRIM EXTENSION HOSE/HARNESS KIT



32-**865384A01**

Includes a 6 ft (1.8M) harness and 4 ft (1.2M) hoses
Fits 1983 and newer MCM models

POWER TRIM ADAPTER HARNESSES

POWER TRIM ADAPTER HARNESS



84-**865770A02**

12 in.(305 mm) harness.
To convert older P/T pump with 3 blade connector to newer remote control harness with 3 pin Packard connector.

POWER TRIM ADAPTER HARNESS



84-**865771A02**

12 in.(305 mm) harness.
To convert newer P/T pump with 3 pin Packard connector to older remote control harness with 3 blade connector.

POWER TRIM POWER SUPPLY CABLE

Recommend by the ABYC for use with MerCruiser power trim pumps installed in boats with batteries (or battery banks) rated more than 800 CCA or with a battery switch.

POWER TRIM CABLE ASSEMBLY



84-**889282A01**

102 cm (48 in.), Sheathed w/o fuse

POWER TRIM CABLE ASSEMBLY



84-**889282A02**

183 cm (72 in.), Fused and sheathed

BATTERY CABLES

BATTERY CABLE KIT



84- **88439A50**

Pair of 12 ft.(3.7 m) cables, 1 red (+) Positive and 1 black (-) Negative, 4 gauge with ring terminals. 105C 4AWG SGT, 5/16 engine direct to battery, 3/8 and 5/16 boat. This is an optional accessory kit and may not reflect the original cables on your engine. For original manufactured service part replacement, the Electronic Parts Catalog should always be used for each specific engine. For alternate length cables, consult the appropriate service manual.

Fits Mercury/Mariner outboard engines.

BATTERY BAR - MULTIPLE CONNECTOR

BATTERY MULTIPLE CONDUCTOR KIT (WITH COVERS)



898289Q45

New Battery Bus Bar Kit allows multiple connection points that result in clean and direct connections for various electrical power needs. This will eliminate stacking of ring terminals and reduce corrosion and loose connections resulting in poor or faulty electrical connections. Kit includes a 3/8 inch and a 5/16 inch mounting plate made of brass with all the fasteners needed for multiple connections. This kit also includes a positive (red) and negative (black) cover that snaps to the plate and provides protection to the battery connections (ABYC compliant).

Any 12 volt battery that has a 3/8 inch and 5/16 inch mounting stud.

BATTERY MULTIPLE CONDUCTOR KIT (NO COVERS)



898289T47

New Battery Bus Bar Kit allows multiple connection points that result in clean and direct connections for various electrical power needs. This will eliminate stacking of ring terminals and reduce corrosion and loose connections resulting in poor or faulty electrical connections. Kit includes a 3/8 inch and a 5/16 inch mounting plate made of brass with all the fasteners needed for multiple connections. This kit does not include plastic snap on covers (ABYC compliant).

Any 12 Volt battery with 3/8 inch and 5/16 inch studs.

BATTERY COVER - RED/POSITIVE



898289045

Positive (Red) snap on cover used with battery bus bar kits.

Any 12 volt battery that uses the new Bus Bar Kit

BATTERY COVER - BLACK/NEGATIVE



898289046

Negative (Black) snap on cover used with battery bus bar kits.

Any 12 volt battery that uses the new Bus Bar Kit

BATTERY PLATE - 3/8 INCH (WITH FASTENERS)



898289A71

Multiple conductor battery plate 3/8 inch (with fasteners). Clean up your battery solutions with direct isolated connections.

BATTERY PLATE - 5/16 INCH (WITH FASTENERS)

898289A48

Multiple conductor battery plate with fasteners (no covers). Clean up your battery solutions with direct isolated connections.

BATTERY ISOLATORS

Multi-battery drain occurs when there are two or more batteries in a charging system. Without a battery isolator, accessories attached to one battery will draw power from all other batteries in the circuit, leaving them seriously rundown, or even dead. The Quicksilver Battery Isolator is an electric current controlling device which isolates each battery in the circuit. Each battery then discharges and charges accordingly. Never does the load on one battery drain power from other batteries in the system.

BATTERY ISOLATOR - 80 AMP



87-**8M6005583**

80 amp battery isolator. Ensure battery cables meet ABYC/CFR regulations.
All MerCruiser and Outboard engines.

BATTERY ISOLATOR - 200 AMP



87-**8M6005584**

200 amp battery isolator. Ensure battery cables meet ABYC/CFR regulations.
All MerCruiser and Outboard engines.

BATTERY ISOLATOR HARNESS KIT



84-**8M0094239**

Allows the connection of any battery isolator to Mercury/Mariner outboard. Kit includes a 10 gauge red cable (8 ft.[2.44 m] length) that connects from the regulator output terminal to the battery isolator input terminal.

Fits Mercury/Mariner 50-125 hp. (2000 & prior) with high output (16 amp.) alternator and V-6 models (1999 & prior) equipped with 40 amp. alternator or dual 20-amp alternator systems and fits the F75-115 hp. (2.1L) FourStroke and the F150 EFI FourStroke outboard. Connections from battery isolator to the batteries are not included.

BATTERY ISOLATOR STARTER CABLE



84-**8M0045743**

Required in addition to the standard Battery Isolator Harness Kit.
Only required with the F75-115 FourStroke outboard 1B366823-2B094995.

ELECTRICAL ISOLATOR KIT- DUAL OPTI AND 150 FOURSTROKE

Image not Available.

8M0134605

Used to add Power steering option to Dual OptiMax or 150 FourStroke engines.
Dual OptiMax or 150 FourStroke Engines

ELECTRICAL ISOLATOR KIT- TRIPLE OPTI AND 150 FOURSTROKE

Image not Available.

8M0134606

Used to add Power steering option to Triple OptiMax or 150 FourStroke engines
Triple OptiMax and 150 FourStroke Engines

ELECTRICAL HARDWARE

ELECTRICAL HARDWARE KIT



86-**813937A 2**

Contains a broad selection of the electrical connectors used on Mercury/Mariner/ Force and MerCruiser products.

BULLET TERMINAL RECEPTACLE



86-**813936T**

.18 in. (5 mm) diameter.
Priced & packaged in qty. of 20

BULLET TERMINAL RECEPTACLE



86- **87223T**
.156 in. (4 mm) diameter, two wire.
Priced & packaged in qty. of 20

BULLET TERMINAL RECEPTACLE



86-**814433T**
.156 in. (4 mm) diameter.
Priced & packaged in qty. of 20

BULLET TERMINAL



86-**814434T**
.156 in. (4 mm) diameter.
Priced & packaged in qty. of 20

BULLET TERMINAL



86-**813937T**
.18 in. (5 mm) diameter.
Priced & packaged in qty. of 20

RING TERMINAL



86- **60878T**
#10
Priced & packaged in qty. of 20

RING TERMINAL



86- **98199T**
#10 Self Locking
Priced & packaged in qty. of 20

RING TERMINAL



86- **60602T**
.25 in. (6 mm) diameter.
Priced & packaged in qty. of 20

RING TERMINAL



86- **61606T**
.312 in. (8 mm) diameter ring terminal.
Priced & packaged in qty. of 20

BULLET TERMINAL RECEPTACLE INSULATOR



85-**8M0214913**
.156 in. (4 mm) diameter.
Priced individually, sold @ multiples of 20

INSULATOR FEMALE BULLET



85-**8M0214914**
.156 in. (4 mm) diameter, one wire.
Priced individually, sold @ multiples of 20

CABLE BOOT



85-**8M0204731**
Insulator cable boot, red.

BULLET TERMINAL RECEPTACLE INSULATOR



85- **17200**
.156 in. (4 mm) diameter, two wire.
Priced individually, sold @ multiples of 20

HEAT SHRINK TUBING



57908 11
.25 in. (6 mm) diameter x 10 inches long. Heat Shrink Tubing.

SPLICE CLIP



86- **60831T**
Splice Clip.
Priced & packaged in qty. of 20

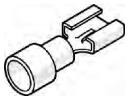
CRIMPING TOOL



91-**808696**
Crimps the electrical connector to the wire.

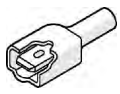
QUICKSILVER FUNNEL ENTRY VINYL TERMINALS

FEMALE TAB DISCONNECT



67-**851766**
16-14 gauge, .250 in.
Priced & packaged in qty. of 25

MALE NYLON COUPLER



67-**851773**
.250 inch, 16-14 gauge.
Priced & packaged in qty. of 50

QUICKSILVER HEAT SHRINKABLE CONNECTORS AND TUBING

FUSES AND CIRCUIT BREAKERS

BUSHING

Image not Available.

23-**8M0011889**

Fuse Bushing, adapts 0.25" ring terminal to 0.375" stud.
Victron APS to Mercury Steering pump harnesses

FUSE-20 AMP



88-**8M0207796**

Fuse, 20 Amp

FUSE HOLDER CABLE



84- **95084A10**

Female connector, 5 inches.

FUSE HOLDER CABLE



84- **95084A13**

Male connector, 64 inches.

CABLE ASSEMBLY

Image not Available.

84-**8M0060271**

5 amp Mercathode atc fuse harness.

FUSE-2 AMP



88-**8M0207797**

Mini fuse, 20 amp, gray

BRACKET

Image not Available.

899719T01

Breaker mounting bracket

FUSE



88-**832969T05**

5 amp mini fuse

FUSE



88-**832969 10**

10 amp mini fuse
Fits 1999 & newer V-6 & V-8 EFI engines with MEFI 3 ignition

FUSE



88-**832969T15**

15 amp mini fuse
Fits 1999 & newer V-6 & V-8 EFI engines with MEFI 3 ignition

ELECTRICAL

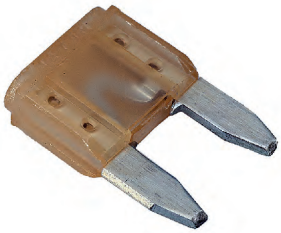
FUSE



88-**832969T20**

20 amp mini fuse

FUSE



88-**832969T25**

25 amp mini fuse

FUSE



88-**832969 30**

30 amp mini fuse

FUSE

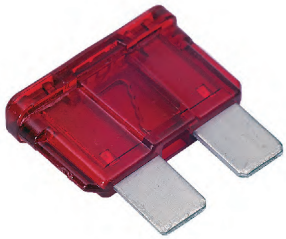


862646

5 amp

Among other applications, this fuse can be found in the DTS Power Harness.

FUSE



862647

10 amp fuse

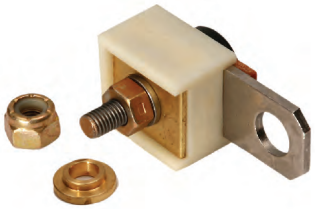
FUSE



88-**812619**

20 amp fuse

FUSE ASSEMBLY



88- **79023A93**

90 amp with 13/32 in. (10 mm) diameter mounting hole

Used on Verado power steering as well as various MerCruiser starter applications.

FUSE 50 AMP



88- **79023A94**

Maxi 50 Amp fuse used with Power Steering System. APS to Battery. Compatible with GenB Kline steering pump.

Power Steering System

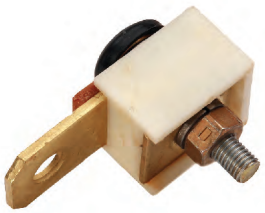
60 AMP MAXI FUSE

Image not Available.

88-**8M0133062**

60 amp fuse

FUSE ASSEMBLY



88- **79023T56**
55 amp

88- **79023T90**
90 amp with 5/16 in. (8 mm) diameter mounting hole

88- **79023A91**
90 amp with 13/32 in. (10 mm) diameter mounting hole
Used on Verado power steering as well as various MerCruiser starter applications.

88- **79023T10**
110 amp

FUSE ASSEMBLY



88-**8M6001960**
90 amp - Hot stud fuse
Used on MCM 4.5L & 6.2L engines

FUSE

88-**8M0129533**
Light Green, 30 amp
Main Power

MRPF FUSE

88-**8M0129534**
Red, 50 amp
Main Power

FUSE

88-**8M0129535**
Lime, 80 amp
ehps power steering pump fuse
Main Power

88-**8M0130941**
Yellow, 100 amp
Main Power

FUSE



88-**8M0129562**
Green, 125 amp, V12 engine fuse
Main Power

FUSE



88-**8M0129528**
Orange, 150 amp
Main Power

FUSE

Image not Available.

88-**8M0174088**
MRBF fuse - 175 amp. (Quantity of 2 needed)
Fits Mercury 7.6L V12 600hp Verado and 500hp SeaPro

FUSE



88-**8M0129530**
Blue, 200 amp
Main Power

88-**8M0129531**
Pink, 250 amp
Main Power

FUSE COVER ASY



879346T24
Used with Fuse/Harness assembly for Power Steering Systems.
Power Steering Systems

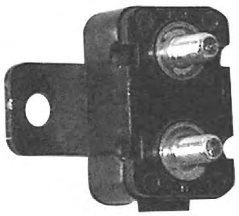
BREAKER-15 AMP

Image not Available.

88-**8M2011907**
Circuit breaker, 15 amp.

ELECTRICAL

CIRCUIT BREAKER



88-**8M0085705**

20 amp for power trim pump

CIRCUIT BREAKER



88- **11178A01**

50 amp w/ nut connections. Includes attaching hardware

FUSE BAR HOLDER KIT

Image not Available.

88-**8M0129529**

Fuse Holder, washer, and nut. 3/8 Mounting hole and 1/4-20 stud Main Power

FUSE BAR HOLDER KIT

Image not Available.

56-**8M0144608**

Bussman MRBF fuse holder (3/8" mounting hole with M8 1.25 (5/16) stud) and hardware.

CABLE TIES

CABLE TIES



56762

Standard small zip tie, 4"x0.09" (narrow)

Priced individually, sold @ multiples of 5

TIE STRAP



8M0214940

5-1/2 inches (140 mm) long, 0.14 inches wide, black color, 1/16 inch to 1-1/4 inch (1.6-32 mm) bundle diameter.

Priced individually, sold @ multiples of 100

TIE STRAP

Image not Available.

69356

Tie strap, 8"x 0.14"

CABLE TIE



54-**816311T**

8 inches (203 mm) long, 0.18 inches wide, black color, 3/8 inch to 1-3/4 inch (9.5-44 mm) bundle diameter, 60 lbs. (27 kg) minimum loop tensile strength.

Priced individually, sold @ multiples of 100

CLIP

Image not Available.

54-**899145**

8"x 0.2" tie with push-in 0.25"-0.27" hole.

STANDARD CABLE TIE



54-**8M0064023**

Standard 11 inch (280 mm) long, 0.177 inches wide, black color, 1/16 inch -3 inches (1.6-76 mm) bundle diameter, 50 lbs. (23 kg) minimum loop tensile strength, 1000 pieces/bag.

Priced individually, sold @ multiples of 100

CABLE TIE

Image not Available.

54-**8M0064024**

Nylon. White, 5.62" x 0.10" (T18I9C2) or Black, 6.1" x 0.10" (62-N011).

ANCHOR

Image not Available.

822434

Anchor - Cable Tie @each (Dennison #10028) 0.75" long hole 0.200 (up to #10 screw). Cable ties up to 0.190" wide x 0.08" thick.

TOOLS

14 PIN DEPINNING TOOL



91-**896352A01**

Used to remove pins on 14 pin DTS and non-DTS harnesses.

LOW LOSS 14/8 GRAY HARNESS 10 FT



84-**8M0154726**

Low Loss 14/8 Gray Harness 10 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

LOW LOSS 14/8 GRAY HARNESS 15 FT

84-**8M0154727**

Low Loss 14/8 Gray Harness 15 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

LOW LOSS 14/8 GRAY HARNESS 20 FT

84-**8M0154728**

Low Loss 14/8 Gray Harness 20 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

LOW LOSS 14/8 GRAY HARNESS 25 FT

84-**8M0154729**

Low Loss 14/8 Gray Harness 25 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

LOW LOSS 14/8 GRAY HARNESS 30 FT

84-**8M0154730**

Low Loss 14/8 Gray Harness 30 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

LOW LOSS 14/8 GRAY HARNESS 35 FT

84-**8M0154731**

Low Loss 14/8 Gray Harness 35 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

LOW LOSS 14/8 GRAY HARNESS 40 FT

84-**8M0154732**

Low Loss 14/8 Gray Harness 40 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

LOW LOSS 14/8 GRAY HARNESS 45 FT

84-**8M0154733**

Low Loss 14/8 Gray Harness 45 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines

LOW LOSS 14/8 GRAY HARNESS 50 FT

84-**8M0154734**

Low Loss 14/8 Gray Harness 50 ft. Scenarios when Low Loss cables are required - for harness length where the overall data cable run from engine to helm is 35 ft. or more, all multi-helm applications, all Joystick piloting and electric steering helm applications, and all applications with three or more engines.

DATA CABLE PULLER



888462A 1

Attaches to end of data harness to aid in pulling harness through boat. Prevents damage to data harness.

STEERING

STEERING WHEELS

STEERING WHEEL



67-**829140A01**

Legend Steering Wheel with soft grip and wheel center. This product is a four-spoke wheel design.

Wheel Diameter: 13-1/2 inch
Dish: 3-7/8 inch

STEERING WHEEL-V60 BLACK



67-**892762A05**

This wheel is a great value with soft grip and great looks. This Steering Wheel is a three-spoke design with a black grip and black spokes. Thermoplastic anti-shock material. Meets with EN 28848 and ABYC P22 standards (includes hub).

13.8 inch (350 mm) wheel diameter • Standard .75 inch (19 mm) taper

STEERING WHEEL-CORSE B/S



67-**892762A01**

This wheel is a great value with soft grip and great looks. This Steering Wheel is a three-spoke design with a soft black grip and silver spokes. Meets with EN 28848 and ABYC P22 standards (includes hub).

13.8 inch (350 mm) wheel diameter • Standard .75 inch (19 mm) taper

STEERING WHEEL- NISIDA B/B



67-**892762A02**

This wheel is a great value with polyurethane grip and great looks. This Steering Wheel is a three-spoke design with a black leather look soft grip and black spokes. Meets with EN 28848 and ABYC P22 standards (includes hub).

Wheel Diameter: 13.8 inch (350 mm). Standard 3/4 inch taper.

STEERING WHEEL - GRIMANI SS/CP



8M0121295

This wheel is a great value with comfortable grip and updated, sporty styling. Silver spokes, black grip, and silver inserts.

Standard taper.

STEERING WHEEL - GRIMANI BRS/CP



8M0121296

This wheel is a great value with comfortable grip and updated, sporty styling. Silver spokes, black grip, and burl wood inserts.

Standard taper.

STEERING WHEEL - GRIMANI CT/CP



8M0121297

This wheel is a great value with comfortable grip and updated, sporty styling. Silver spokes, black grip, and brown-bronze inserts.

Standard taper.

STEERING WHEEL - LOREDAN SS/CP



8M0121300

This wheel is a great value with comfortable grip and updated, sporty styling. Silver spokes, black grip, and chrome inserts.

Standard taper.

TILLER HANDLE STEERING-40-300HP TILLER

Mercury offers an industry-leading portfolio of tillers for outboards. For 40-115HP, a new optimally-sized, feature-rich, and fully adjustable tiller was recently introduced. It also provides Troll Control as a standard feature and a new industry-first heated grip is available as well. The Big Tiller is an ideal pairing from 150HP, now all the way up to 300HP FourStrokes.

Mechanical Tillers under 40hp are listed in Engine Accesories

STD TILLER TO 40-60HP FOURSTROKE TILLER



98-**8M0159447**

This new tiller is designed for optimal performance and ergonomic control and comfort in any usage. It offers industry-leading adjustability, an integrated engine warning display, the ability to accommodate left- or right-handed operation, and Mercury's famous Troll Control is standard. It is also available with an optional heated grip for users in cold climates.

This is a conversion kit that allows installation of this tiller on a current tiller handle model ELHPT "standard tiller" 40 - 60 HP FourStroke with generation change S/N 1C050252 and above. T/S cables are included.

RC/BT TO 40-60HP FOURSTROKE TILLER

98-**8M0159449**

This new tiller is designed for optimal performance and ergonomic control and comfort in any usage. It offers industry-leading adjustability, an integrated engine warning display, the ability to accommodate left- or right-handed operation, and Mercury's famous Troll Control is standard. It is also available with an optional heated grip for users in cold climates. T/S cables are included.

40-60 HP FourStroke used with ELPT generation change S/N 1C050252 and above, currently outfitted with no tiller or Big Tiller.

RC/BT TO 35-40HP JET FOURSTROKE TILLER

98-**8M0159451**

This new tiller is designed for optimal performance and ergonomic control and comfort in any usage. It offers industry-leading adjustability, an integrated engine warning display, the ability to accommodate left- or right-handed operation, and Mercury's famous Troll Control is standard. It is also available with an optional heated grip for users in cold climates. T/S cables are included.

35-40HP Jet FourStroke models that are currently outfitted with no tiller or Big Tiller.

RC/BT TO 75-115HP FOURSTROKE TILLER

98-**8M0159456**

This new tiller is designed for optimal performance and ergonomic control and comfort in any usage. It offers industry-leading adjustability, an integrated engine warning display, the ability to accommodate left- or right-handed operation, and Mercury's famous Troll Control is standard. It is also available with an optional heated grip for users in cold climates. T/S cables are included.

75-115HP FourStroke, currently outfitted with no tiller or Big Tiller.

RC/BT TO 65-80HP JET FOURSTROKE TILLER

98-**8M0159458**

This new tiller is designed for optimal performance and ergonomic control and comfort in any usage. It offers industry-leading adjustability, an integrated engine warning display, the ability to accommodate left- or right-handed operation, and Mercury's famous Troll Control is standard. It is also available with an optional heated grip for users in cold climates. T/S cables are included.

65-80HP Jet FourStroke, currently outfitted with no tiller or Big Tiller.

RC/BT TO 40-60HP SEA PRO FOURSTROKE TILLER



98-**8M0159453**

This new tiller is designed for optimal performance and ergonomic control and comfort in any usage. It offers industry-leading adjustability, an integrated engine warning display, the ability to accommodate left- or right-handed operation, and Mercury's famous Troll Control is standard. It is also available with an optional heated grip for users in cold climates. T/S cables are included.

40-60 HP Sea Pro FourStroke currently outfitted with no tiller or Big Tiller.

RC/BT TO 75-115HP SEA PRO FOURSTROKE TILLER

98-**8M0159460**

This new tiller is designed for optimal performance and ergonomic control and comfort in any usage. It offers industry-leading adjustability, an integrated engine warning display, the ability to accommodate left- or right-handed operation, and Mercury's famous Troll Control is standard. It is also available with an optional heated grip for users in cold climates. T/S cables are included.

75-115HP Sea Pro FourStroke, currently outfitted with no tiller or Big Tiller.

TILLER HEATED GRIP KIT



8M0158400

Optional heated grip offers three levels of heat for cold-weather operation. Anglers can warm their hands after handling their catch, and electronic features prevent excessive battery drain.

Includes grip and module.

Compatible with all 35-115HP Tiller models.

MECHANICAL TILLER WITH P/S - 175-300 HP



98-**8M0151561**

The Big Tiller is designed for optimal performance and ergonomic comfort. With 175-300 HP, improved friction adjustments, a hydraulic locking feature to eliminate torque, easy access to the throttle shift handle and a trim button at the end of the handle, the Big Tiller provides safe and effortless operation. The RPM Adjustment switch (Troll Control) is included as standard equipment on this model. This model uses the latest steering pump technology, the Gen C. The LED light switch is available as an option on this model.

Power steering is required on all tiller-operated outboards at 150hp and above.

DTS TILLER HANDLE WITH P/S



98-**8M0151560**

The Big Tiller is designed for optimal performance and ergonomic comfort. With improved friction adjustments, a hydraulic locking feature to eliminate torque, easy access to the throttle and shift handle and a trim button at the end of the handle, the Big Tiller provides safe and effortless operation. This model features the latest steering pump technology, the Gen C. The RPM Adjustment (Troll Control) and LED light switch are standard on this model.

Power steering is required on all tiller-operated outboards at 150hp and above.

MECHANICAL TILLER WITH P/S - 150 HP



98-**8M0151564**

The Big Tiller is designed for optimal performance and ergonomic comfort. With 150 HP, improved friction adjustments, a hydraulic locking feature eliminating torque, easy access to the throttle and shift handle and a trim button at the end of the handle the Big Tiller provides safe and effortless operation. The RPM adjustment switch (Troll Control) is included as standard equipment on this model. The LED light switch is available as an option on this model.

Power steering is required on all tiller-operated outboards at 150hp and above.

THROTTLE AND SHIFT KIT- 35 AND 40 JET FOURSTROKE BIG TILLER



8M0143358

The kit includes 2 - T/S cables. These cables are designed to provide best in class installation for this engine family.

The kit is designed to work with the 35 and 40HP Jet FourStroke engines with Big Tiller.

THROTTLE AND SHIFT KIT- 75-115 FOURSTROKE TILLER

8M0083500

The kit includes 2 - T/S cables. These cables are designed to provide best in class installation for this engine family.

The kit is designed to work with the 2.1L 75-115 HP FourStroke engines. (Upgrade with no spacer Ref Tiller Arm 8M0093581).

THROTTLE AND SHIFT KIT- 135HP+ OPTIMAX

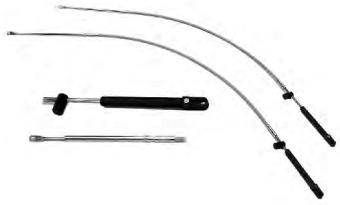


8M0082353

The kit includes 2 - T/S cables. These cables are designed to provide the best in class installation for this engine family.

The kit is designed to work with the 135HP+ OptiMax engines.

THROTTLE AND SHIFT KIT- 3.0L 150 FOURSTROKE TILLER



8M0082355

The kit includes 2 - T/S cables. These cables are designed to provide best in class installation for this engine family.

The kit is designed to work with the 3.0L 150 HP FourStroke engines.

THROTTLE AND SHIFT KIT - 175-300 HP

Image not Available.

8M0141907

The kit includes 2 - T/S cables. These cables are designed to provide the best in class installation for this engine family.

This kit is intended to be paired with the mechanical Big Tiller on the 3.4L (V6) and 4.6L (V8) FourStrokes up to 300hp.

TROLL CONTROL KIT



87-**8M0083437**

RPM adjustment at your finger tips. This kit can be added to the Big Tiller Mechanical without P/S as an option.

Y Harness not included. Mechanical use only. Not compatible with DTS applications.

LED LIGHT AND SWITCH KIT



87-**897978T02**

New LED light and Switch Kit is an option on all Mechanical Big Tiller units. Allows for easy installation on the new Big Tiller. Light up your boat with a soft Amber light to make night fishing or early morning fishing more flexible.

OUTBOARD STABILIZER CLIPS- TRAILERING



64-**891762A04**

Helps keep engine centered during trailering. Safety orange durable plastic material.

Fits most cylinder rods on engines manufactured in 1997 and newer. Snaps over outboard's hydraulic steering cylinder rods.

POWER STEERING - SINGLE

STEERING KIT 40 CM3 STD HELM - SINGLE

Image not Available.

98-**8M0151555**

Power Steering Single Rigging Kit that includes the Gen C pump, standard 40 CM3 Helm, Single engine adapter harness, and Automatic Power switch. Hoses need to be ordered separately. 4, 12, or 24 ft. power steering harnesses are now sold separately as well.

Verado and other power steering applications.

POWER STEERING - DUAL

STEERING KIT 40 CM3 STD HELM - DUAL

Image not Available.

98-**8M0151554**

Power Steering Dual Rigging Kit that includes the Gen C pump, standard 40 CM3 Helm, Dual engine adapter harness, and Automatic Power switch. Hoses need to be ordered separately. 4, 12, or 24 ft. power steering harnesses are now sold separately as well.

Multiple Engine 150 FourStrokes and Optimax (No Single engines) and Verado.

STEERING KIT 50 CM3 STD HELM - DUAL

Image not Available.

98-**8M0151558**

Power Steering Dual Rigging Kit that includes the Gen C pump, standard 50 CM3 Helm, Dual engine adapter harness, and Automatic Power switch. Hoses need to be ordered separately. 4, 12, or 24 ft. power steering harnesses are now sold separately as well. Purchase of extra cylinder required.

Verado and other power steering applications.

STEERING KIT 50 CM3 TILT HELM - DUAL

Image not Available.

98-**8M0151559**

Power Steering Dual Rigging Kit that includes the Gen C pump, Tilt 50 CM3 Helm, Dual engine adapter harness, and Automatic Power switch. Hoses need to be ordered separately. 4, 12, or 24 ft. power steering harnesses are now sold separately as well. Must purchase additional cylinder.

Verado and other power steering applications.

POWER STEERING - TRIPLE

STEERING KIT 50 CM3 STD HELM - TRIPLE

Image not Available.

98-**8M0151565**

Power Steering Triple Rigging Kit that includes the Gen C pump, standard 50 CM3 Helm, Triple engine adapter harness, and Automatic Power switch. Hoses need to be ordered separately. 4, 12, or 24 ft. power steering harnesses are now sold separately as well.

Verado and other power steering applications.

STEERING KIT 50 CM3 TILT HELM - TRIPLE

Image not Available.

98-**8M0151566**

Power Steering Triple Rigging Kit that includes the Gen C pump, Tilt 50 CM3 Helm, Triple engine adapter harness, and Automatic Power switch. Hoses need to be ordered separately. 4, 12, or 24 ft. power steering harnesses are now sold separately as well.

Verado and other power steering applications.

HELM DUAL STATION - TILT



8M0137456

Power Steering dual helm with a tilt position mount. Includes cover, bracket and mounting hardware (40 CM3). Needs 32-892825___ hose to attach pressure lines (available in 8 ft. to 25 ft. lengths). Use as primary station when using dual helms or stations. Use standard helm as the secondary station. Requires tilt mechanism to be ordered separately.

Multiple Engine 150 4 strokes and Optimax (No Single engines), Verado 135-200 4 cylinder, 200-300 Verado 6 cylinder, 350 SCI

POWER STEERING - QUAD

STEERING KIT 50 CM3 TILT HELM - QUAD

Image not Available.

98-**8M0151563**

Power Steering Quad Rigging Kit that includes the Gen C pump, Tilt 50 CM3 Helm, Quad engine adapter harness, and Automatic Power switch. Hoses need to be ordered separately. 4, 12, or 24 ft. power steering harnesses are now sold separately as well.

Verado and other power steering applications.

POWER STEERING COMPONENTS

HELM - POWER STEERING - STANDARD



8M0137445

Power Steering helm with a fixed position mount. Includes cover, bracket and mounting hardware (40 CM3). 4.1 turns lock to lock with one cylinder.

Multiple Engine 150 4 strokes and Optimax (No Single engines), Verado 135-200 4 cylinder, 200-300 Verado 6 cylinder, 350 SCI.

HELM - POWER STEERING - TILT - HD



8M0137447

Power Steering Helm 40 CM3 Tilt. Includes all brackets and hardware needed to install helm. Provides 4.1 turns lock to lock with one cylinder.

Multiple Engine 150 4 strokes and Optimax (No Single engines), Verado 135-200 4 cylinder, 200-300 Verado 6 cylinder, 350 SCI.

HELM - POWER STEERING - STANDARD - HD



8M0137449

Power Steering helm with a fixed position mount. Includes cover, bracket and mounting hardware (50 CM3). Use with dual cylinder applications such as triple/ quad engine installations (6.5 turns lock to lock with two cylinders).

Multiple Engine 150 4 strokes and Optimax (No Single engines), Verado 135-200 4 cylinder, 200-300 Verado 6 cylinder, 350 SCI.

HELM - POWER STEERING - TILT - HD



8M0137451

Power Steering Helm 50 CM3 Tilt. Includes all brackets and hardware needed to install helm. Provides 6.5 turns lock-to-lock with two cylinders. Recommended for triple and quad engine installations.

Multiple Engine 150 4 strokes and Optimax (No Single engines), Verado 135-200 4 cylinder, 200-300 Verado 6 cylinder, 350 SCI.

HELM - POWER STEERING - STANDARD

Image not Available.

8M0162224

Power Steering helm with a fixed position mount. Includes cover, bracket and mounting hardware (80 CM3).

Multiple Engine or high steering load applications, 300-450HP. Intended for use only when paired with the Gen C HD pump.

HELM - POWER STEERING -TILT

Image not Available.

8M0162225

Power Steering Helm 80 CM3 Tilt. Includes all brackets and hardware needed to install helm. Recommended for triple and quad engine installations.

Multiple Engine or high steering load applications, 300-450HP. Intended for use only when paired with the Gen C HD pump.

HELM - POWER STEERING - STANDARD



8M0137439

Power Steering helm with a fixed position mount. Includes cover, bracket and mounting hardware (32 CM3). Provides 5.1 turns lock-to-lock vs 4.1 turns lock-to-lock as option with one cylinder.

Multiple Engine 150 4 strokes and Optimax (No Single engines),Verado 135-200 4 cylinder, 200-300 Verado 6 cylinder, 350 SCI

HELM - POWER STEERING -TILT



8M0137442

Power Steering Helm 32 CM3 Tilt. Includes all brackets and hardware needed to install helm. Provides 5.1 turns lock-to-lock vs 4.1 turns lock-to-lock as an option with one cylinder.

Verado 200- 300 HP- Optional on 135 to 200 HP
Multiple OptiMax Engines

HELM DUAL STATION - STANDARD



8M0137453

Power Steering dual helm with a fixed position mount. Includes cover, bracket and mounting hardware (40 CM3). Needs 32-892825___ hose to attach pressure lines (available in 8 ft. to 25 ft. lengths). Use as primary station when using dual helms or stations. Use standard helm as the secondary station.

Multiple Engine 150 4 strokes and Optimax (No Single engines), Verado 135-200 4 cylinder, 200-300 Verado 6 cylinder, 350 SCI

HELM DUAL STATION - TILT



8M0137456

Power Steering dual helm with a tilt position mount. Includes cover, bracket and mounting hardware (40 CM3). Needs 32-892825___ hose to attach pressure lines (available in 8 ft. to 25 ft. lengths). Use as primary station when using dual helms or stations. Use standard helm as the secondary station. Requires tilt mechanism to be ordered separately.

Multiple Engine 150 4 strokes and Optimax (No Single engines), Verado 135-200 4 cylinder, 200-300 Verado 6 cylinder, 350 SCI

HELM DUAL STATION - STANDARD



8M0137459

Power Steering dual helm with a fixed position mount. Includes cover, bracket and mounting hardware (50 CM3). Needs 32-892825___ hose to attach pressure lines (available in 8 ft. to 25 ft. lengths). Use as primary station when using dual helms or stations. Use standard helm as the secondary station.

Multiple Engine 150 4 strokes and Optimax (No Single engines), Verado 135-200 4 cylinder, 200-300 Verado 6 cylinder, 350 SCI

HELM DUAL STATION - TILT



8M0137461

Power Steering dual helm with a tilt position mount. Includes cover, bracket and mounting hardware (50CM3). Needs 32-892825___ hose to attach pressure lines (available in 8 ft. to 25 ft. lengths). Use as primary station when using dual helms or stations. Use standard helm as the secondary station. Requires tilt mechanism to be ordered separately.

Multiple Engine 150 4 strokes and Optimax (No Single engines), Verado 135-200 4 cylinder, 200-300 Verado 6 cylinder, 350 SCI

POWER STEERING TILT



8M6003710

Replacement part for Power Steering Tilt System

All Power Steering Verado Systems

KEYWAY - POWER STEERING-SHORT KEY



28-**893394002**

Used with power steering to locate steering wheel hub.

2005 and newer Verado 200-275 and 2006 Verado 135-175 Power Steering installs

Priced individually, sold @ multiples of 2

CYLINDER - HYDRAULIC OR POWER STEERING



898349A11

Cylinder designed to meet all Power Steering strength and performance requirements. This cylinder is the most robust design in the market. Includes all hardware to mount this cylinder including the strongest bolts to attach to the engine.

Verado 175-200 - both Power Steering or Hydraulic V6/1.5 Opti Max Hydraulic - 1.5L Opti needs to order arm 898082A03 to provide clearance 75-150 4 stroke engines.

CYLINDER - HYDRAULIC OR P/S- COUNTER ROTATION



898349A14

Port ot counter rotation cylinder designed to meet all Power Steering strength and performance requirements. This cylinder is the most robust design in the market. Includes all hardware to mount this cylinder including the strongest bolts to attach to the engine

Verado 135-200 - both Power Steering or Hydraulic. Multiple Engines V6/1.5 Opti Max Hydraulic - 1.5L Opti needs to order arm 898082A03 to provide clearance 75-115 4 stroke engines Multiple OtiMax engines - P/S 150 4 Stroke engines.

CYLINDER - BIG TILLER



898349A15

Cylinder included in Tiller Kit. Cylinder designed to meet all Power Steering strength and performance requirements. This cylinder is the most robust design on the market. Includes all hardware to mount this cylinder including the strongest bolts to attach to the engine.

Big Tiller Cylinder - 75-115 4 Stroke, 75-115 1.5L Opti, 135-250 2.5L/3.0L Opti and 135-200 4 Cylinder Verado

CYLINDER- POWER STEERING - BIG TILLER

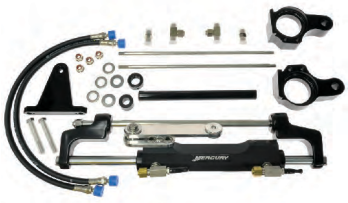


8M0058944

This cylinder was released with a special bent arm that provides more clearance and is longer than the others. It is unique to the Big Tiller Power Steering . Used in complete Kit 8M0061721. 150 - 4S

150 HP 4 Stroke Big Tiller

CYLINDER - DUAL CYLINDER POWER STEERING



8M0129513

This cylinder is designed to meet all power steering strength and performance requirements. It is the most robust design on the market and includes all hardware to mount the cylinder including the strongest bolts to attach to the engine. The UC128 cylinder link is attached to the steering head. 1 engine (parallel cylinders), 40cm helm. 2 engine (liquid tiebar, 4 cylinder) 50cm helm.

Verado 225+ horsepower and 200 Pro FourStroke. Intended for use on pontoons, which have exceptionally high steering loads. This system increases steering torque capacity by more than 80%.

POWER STEERING CYLINDER



8M0118141

Used to add a cylinder to a counter rotation engine for multiple engine installations. Also used with liquid tie bar 893396A01 to add a cylinder to operate engines mounted more than 34 in. apart

2005 and newer Verado 200-300 L6 and 350 SCI

CYLINDER - SHORTER STROKE



8M0129527

This cylinder has a shorter stroke than the normal production cylinders. It is used for installations where engines are mounted inside the normal 26 inch distance. This cylinder reduces the chances of the engines hitting with these tight mounting options.

Verado 6 Cylinder Power Steering applications for mounting engines closer that the normal tie bar 26 inch distance.

GEN C POWER STEERING PUMP - STANDARD

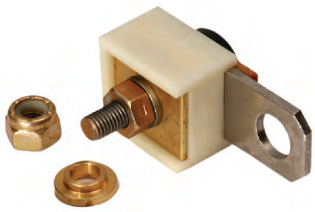
Image not Available.

8M0148159

This latest pump design - noted as the Gen C - is more robust than ever before and takes a more modular approach than in the past. This SKU includes only the pump and the needed fluid.

All power steering applications. Work with your Mercury representative to determine necessary version for usage.

FUSE ASSEMBLY



88- **79023A93**

90 amp with 13/32 in. (10 mm) diameter mounting hole

Used on Verado power steering as well as various MerCruiser starter applications.

FUSE 50 AMP



88- **79023A94**

Maxi 50 Amp fuse used with Power Steering System. APS to Battery. Compatible with GenB Kline steering pump.

Power Steering System

FUSE COVER ASY



879346T24

Used with Fuse/Harness assembly for Power Steering Systems.

Power Steering Systems

FUSE/HARNESS ASSEMBLY



84-**8M0144917**

New 3 FT fuse /harness asy will be used with the new 50 amp Power Steering circuit. It will connect from the APS module to the battery. Used with Power Steering Pumps 892440A17,A18 and A19

Used on all Power Steering installations

84-**8M0144923**

New 5 FT fuse /harness asy will be used with the new 50 amp Power Steering circuit. It will connect from the APS module to the battery. Used with Power Steering Pumps 892440A17,A18 and A19

Used on all Power Steering installations

FUSE/HARNESS ASSEMBLY



84-**8M0144924**

New 10 FT fuse /harness asy will be used with the new 50 amp Power Steering circuit. It will connect from the APS module to the battery. Used with Power Steering Pumps 892440A17,A18 and A19

Used on all Power Steering installations

POWER STEERING HOSE- DAMPENER



32-**897643A01**

Hose used to reduce noise of the power steering system.

Multiple Engine 150 4 strokes and Optimax (No Single engines), Verado 135-200 4 cylinder, 200-300 Verado 6 cylinder, 350 SCI

SYNTHETIC POWER STEERING FLUID SAE 0W-30



92-**8M0133951**

Recommended for electric power steering systems such as Verado, JPO and Axius Gen I only. Recommended for transmission and steering and actuator systems for Zeus drives

946 ml (32 fl oz) plastic bottle

DUAL ENGINE ADAPTER-P/S "Y" HARNESS



84-**892868T01**

"Y" harness used to connect two engines and two signal harnesses together to run both engines from one power module.

Verado Engines 200-300 HP and 350 SCI - Optional on 135-200 HP

TRIPLE ENGINE ADAPTER- P/S "Y" HARNESS



84-**892868T02**

Used to connect three engines and three signal harnesses together to run three engines from one power module. Each engine requires a signal harness hooked up to the Power Module.

2005 Verado Engines 200-300 HP and 350 SCI - Optional on 135-200 4 cylinder Verado

QUAD ENGINE ADAPTER- P/S "Y" HARNESS



84-**892868T03**

Used to connect four engines and four signal harnesses together to run Quad engines from one power module. Each engine requires a signal harness hooked up to the Power Module.

2006 Verado Engines 200-300 HP and 350 SCI - Optional on 135-200 4 cylinder verado

HARNESS- POWER STEERING - SIGNAL



84-**8M0138676**

10 ft. Connects the power steering module to the engine which provides communication from engine to the power steering. Multiple engine installations require one harness per engine.

Verado Engines 200-400 HP - Optional on 135-200 HP

84-**8M0138677**

20 ft. Connects the power steering module to the engine which provides communication from engine to the power steering. Multiple engine installations require one harness per engine.

Verado Engines 200-400 HP - Optional on 135-200 HP

84-**8M0138678**

30 ft. Connects the power steering module to the engine which provides communication from engine to the power steering. Multiple engine installations require one harness per engine.

Verado Engines 200-400 HP - Optional on 135-200 HP

80 AMP AUTOMATIC POWER SWITCH



87-**8M0149746**

Up to three batteries can be used on the 80 Amp automatic power switch. Includes 4 insulator boots (not shown). Better stand offs.

Used with multiple engine/battery installations when a Verado power steering pump is used. Allows the Power steering pump to run off of either the port or starboard crank battery.

ELECTRICAL ISOLATOR KIT- DUAL OPTI AND 150 FOURSTROKE



8M0073037

Used to add Power steering option to Dual OptiMax or 150 FourStroke engines

Dual OptiMax or 150 FourStroke Engines

ELECTRICAL ISOLATOR KIT- TRIPLE OPTI AND 150 FOURSTROKE

Image not Available.

8M0134606

Used to add Power steering option to Triple OptiMax or 150 FourStroke engines

Triple OptiMax and 150 FourStroke Engines

POWER STEERING PRIMER MODULE

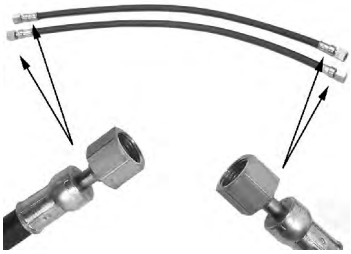


91-**895040K01**

Used to prep the Power Steering system. Module allows pump to be run without starting engine. Allows bleeding and testing of power Steering system out of the water.

Verado Engines 200-300 HP- Optional on 135-200 HP

HOSE KIT- P/S AND MERCURY HYDRAULIC -CYL/HELM



32-**8M0167281**

Kit includes two hoses of same length (2 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167282**

Kit includes two hoses of same length (3 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167284**

Kit includes two hoses of same length (5 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167285**

Kit includes two hoses of same length (6 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167287**

Kit includes two hoses of same length (8 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167288**

Kit includes two hoses of same length (10 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167289**

Kit includes two hoses of same length (12 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167290**

Kit includes two hoses of same length (14 ft) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167291**

Kit includes two hoses of same length (16 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167292**

Kit includes two hoses of same length (18 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167293**

Kit includes two hoses of same length (20 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167294**

Kit includes two hoses of same length (22 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167295**

Kit includes two hoses of same length (24 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167296**

Kit includes two hoses of same length (26 ft.) to connect the Helm to the Cylinder on the engine (Power Steering).

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167297**

Kit includes two hoses of same length (28 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167298**

Kit includes two hoses of same length (30 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

32-**8M0167299**

Kit includes two hoses of same length (32 ft.) to connect the Helm to the Cylinder on the engine.

Verado Engines 200-300 HP- 135-200 HP (Power Steering and Mercury Hydraulic Steering) MCM Power Steering (879273A01/A02) 350 SCI

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM



32-**8M0150604**

Kit includes two hoses of same length (2 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150606**

Kit includes two hoses of same length (4 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150607**

Kit includes two hoses of same length (5 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150608**

Kit includes two hoses of same length (6 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150610**

Kit includes two hoses of same length (7 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150613**

Kit includes two hoses of same length (10 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150615**

Kit includes two hoses of same length (14 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150616**

Kit includes two hoses of same length (18 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150617**

Kit includes two hoses of same length (18 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150618**

Kit includes two hoses of same length (20 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150619**

Kit includes two hoses of same length (22 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150620**

Kit includes two hoses of same length (24 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

POWER STEERING HOSE - BULKHEAD TO CYLINDER PRESSURE



32-**8M0077082**

.375 inch hose, bulkhead to cylinder pressure for joystick applications.

32-**8M0077084**

.375 inch hose, bulkhead to cylinder pressure for joystick applications.

HOSE- PRESSURE- DUAL STATION



32-**8M0148099**

(6 ft.) Used to connect dual station/ Helm together. Power Steering.

Verado Engines - 135 to 350 HP Power Steering Can also be used for MCM PS System

HOSE- PRESSURE- DUAL STATION



32-**892825008**

(8 ft.) Used to connect dual station/ Helm together. Power Steering.

Verado Engines - 135 to 300 HP Power Steering Can also be used for MCM PS System

32-**892825010**

(10 ft.) Used to connect dual station/ Helm together. Power Steering.

Verado Engines - 135 to 300 HP Power Steering Can also be used for MCM PS System

32-**892825012**

(12 ft.) Used to connect dual station/ Helm together. Power Steering.

Verado Engines - 135 to 300 HP Power Steering Can also be used for MCM PS System

32-**892825014**

(14 ft.) Used to connect dual station/ Helm together. Power Steering.

Verado Engines - 135 to 300 HP Power Steering Can also be used for MCM PS System

32-**892825016**

(16 ft.) Used to connect dual station/ Helm together. Power Steering.

Verado Engines - 135 to 300 HP Power Steering Can also be used for MCM PS System

32-**892825018**

(18 ft.) Used to connect dual station/ Helm together. Power Steering.

Verado Engines - 135 to 300 HP Power Steering Can also be used for MCM PS System

32-**892825020**

(20 ft.) Used to connect dual station/ Helm together. Power Steering.

Verado Engines - 135 to 300 HP Power Steering Can also be used for MCM PS System

32-**892825022**

(22 ft.) Used to connect dual station/ Helm together. Power Steering.

Verado Engines - 135 to 300 HP Power Steering Can also be used for MCM PS System

32-**892825024**

(24 ft.) Used to connect dual station/ Helm together. Power Steering.

Verado Engines - 135 to 300 HP Power Steering Can also be used for MCM PS System

32-**892825026**

(26 ft.) Used to connect dual station/ Helm together. Power Steering.

Verado Engines - 135 to 300 HP Power Steering Can also be used for MCM PS System

POWER STEERING HOSE- DAMPENER



32-**897643A01**

Hose used to reduce noise of the power steering system.

Multiple Engine 150 4 strokes and Optimax (No Single engines), Verado 135-200 4 cylinder, 200-300 Verado 6 cylinder, 350 SCI

FITTING - BULKHEAD 3/4 IN. MALE TO MALE



22-**892517**

Fitting - Bulkhead 3/4 inch, Male to Male.

Used to install a bulkhead installation 0 inch to 3/4 inch Maximum wall thickness grip length- Power Steering.

FITTING- BULKHEAD 3 IN. MALE TO MALE



22-**892518**

Fitting- Bulkhead 3 inch - Male to Male. Power Steering Fittings.

Used to install bulkhead installations 3/4 in. to 3 in. maximum wall thickness grip length.

STRAIGHT FITTING 9/16 IN.



22-**892519**

Fitting- Straight 9/16 inch to Cylinder - 6 to 4. Power Steering fittings.

Allows straight cylinder hose connections at Outboard Steering cylinder vs 90 degree (replaces 889552)

TEE FITTING MALE 9/16 IN.



22-**892520**

Tee Fitting Male 9/16 inch. Power Steering Fitting- Allows Tee connection of the cylinder hose ends.

Verado Engines - 135 to 300 HP Power Steering

TEE FITTING FEMALE 9/16 IN.



22-**892521**

Tee Fitting Female 9/16 in. Power Steering Fitting- Allows "T" connection of 2 cylinder hoses, ends with cylinder of helm fittings.

Verado Engines - 135 to 300 HP Power Steering

CAP MALE 9/16 IN.



22-**892522**

Cap - Zinc plated brass 9/16 inches, male. Power Steering Fitting- allows you to cap cylinder hoses for service. Plug -6 ORFS.

CAP MALE 11/16 IN.



22-**892523**

Cap - Zinc plated brass 11/16 inches, male, -4 ORFS. Power Steering Fitting- allows you to cap pressure hoses for service.

CAP FEMALE 9/16 IN.



22-**892524**

Cap -6 ORFS Zinc plated brass 9/16 inches, female. Power Steering Fittings- allows you to cap cylinder: helm (right and left) fittings for service.

Verado Engines - 135 to 300 HP Power Steering

CAP BRASS FEMALE 11/16 IN.



22-**892525**

Cap - 4 ORFS Zinc plated brass Female 11/16 inches. Power Steering Fittings- allows you to cap helm for service.

UNION FITTING MALE TO MALE 9/16 IN.



22-**892526**

Union Fitting Male to Male 9/16 inches. Power Steering Fittings-- For connecting 2 cylinder hoses end to end.

UNION FITTING MALE TO MALE 11/16 IN.



22-**892527**

Union Fitting Male to Male 11/16 inches. Power Steering Fittings- to connect 2 pressure hoses end to end.

ELBOW FITTING FEMALE 9/16 IN.



22-**892528**

Elbow Fitting Female to Male 9/16 inches. Power Steering Fittings to allow 90 degree connection at helm (R&L port).

Verado Engines - 135 to 300 HP Power Steering

FITTING KIT BULKHEAD

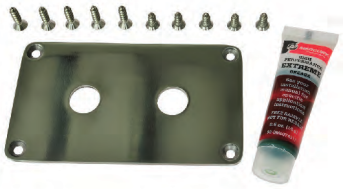


64-**8M0088973**

Improved bulkhead fitting kit with chrome housing for multiple hose installations.

Multiple Hose Installations for Compression style hoses.

STANDARD BULKHEAD PLATE - FITTINGS NOT INCLUDED



8M0147011

Improved standard bulkhead plate with threaded passage for multiple hose installations. JPO and DTS.

Multiple Hose Installations.

DTS BULKHEAD PLATE



8M0146246

Improved DTS bulkhead plate with threaded passage for multiple hose installations.

Multiple Hose Installations.

ELBOW- FEMALE TO MALE



22-**897726**

Female to Male .6875 Inch (11/16) -4 ORFS
Power Steering Fittings- To allow 90 degree connection at helm (R&L port)

Power Steering Fittings

POWER STEERING DIAGNOSTICS ADAPTER - GEN C

Image not Available.

84-**8M0156168**

This adapter is used to plug in to the Gen C or Gen C HD power steering pumps to access diagnostic information.

Compatible with the Gen C and Gen C HD power steering pumps.

POWER STEERING HOSE KITS-JOYSTICK PILOTING

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM



32-**8M0150604**

Kit includes two hoses of same length (2 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150605**

Kit includes two hoses of same length (3 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150606**

Kit includes two hoses of same length (4 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150607**

Kit includes two hoses of same length (5 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150608**

Kit includes two hoses of same length (6 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150610**

Kit includes two hoses of same length (7 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150612**

Kit includes two hoses of same length (8 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150613**

Kit includes two hoses of same length (10 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM

Image not Available.

32-**8M0150614**

Kit includes two hoses of same length (12 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM



32-**8M0150615**

Kit includes two hoses of same length (14 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150616**

Kit includes two hoses of same length (18 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150617**

Kit includes two hoses of same length (18 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150618**

Kit includes two hoses of same length (20 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150619**

Kit includes two hoses of same length (22 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

32-**8M0150620**

Kit includes two hoses of same length (24 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM

Image not Available.

32-**8M0150621**

Kit includes two hoses of same length (26 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM

Image not Available.

32-**8M0150622**

Kit includes two hoses of same length (28 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM

Image not Available.

32-**8M0150623**

Kit includes two hoses of same length (30 ft.) to connect the Gen C Power Module to the Helm (Power Steering).

All Mercury Power Steering

POWER STEERING HOSE KIT - GEN C POWER MODULE TO HELM

Image not Available.

32-**8M0150624**

Kit includes two hoses of same length (32 ft) to connect the Gen C Power Module to the Helm.
(Power Steering)

All Mercury power steering.

PRESSURE HOSE

Image not Available.

32-**8M6004888**

Order quantity of 2 per cylinder. ORFS -6 female to ORFS -6 female. Measure from bulkhead to cylinder for correct sizing. Return and pressure hoses make a pair for each engine, must be ordered separately.

POWER STEERING HOSE - BULKHEAD TO CYLINDER PRESSURE



32-**8M0077082**

.375 inch hose, bulkhead to cylinder pressure for joystick applications.

32-**8M0077083**

.375 inch hose, bulkhead to cylinder pressure for joystick applications.

32-**8M0077084**

.375 inch hose, bulkhead to cylinder pressure for joystick applications.

JPO BULKHEAD PLATE



8M0146247

Improved bulkhead plate with threaded passage for multiple hose installations.

Joystick, multiple Hose Installations.

TIE BAR KITS

HEAVY DUTY TIE BAR KIT- DUAL



8M0096314

Heavy Duty 26 inch Tie Bar allows two engines to be attached together +/- 1.25 inches. Tie Bar has been engineered for higher horse power applications with improved retaining design. 26 +/- 1.25 inches.

2.6L L6 Gen 5 and 4.6L Verado Engines

8M0096315

Heavy Duty 28 inch Tie Bar allows two engines to be attached together +/- 1.25 inches. Tie Bar has been engineered for higher horse power applications with improved retaining design. 28 +/- 1.25 inches.

2.6L L6 Gen 5 and 4.6L Verado Engines.

8M0096316

Heavy Duty 30 inch Tie Bar allows two engines to be attached together +/- 1.25 inches. Tie Bar has been engineered for higher horse power applications with improved retaining design. 30 +/- 1.25 inches.

2.6L L6 Gen 5 and 4.6L Verado Engines

8M0096317

Heavy Duty 32 inch Tie Bar allows two engines to be attached together +/- 1.25 inches. Tie Bar has been engineered for higher horse power applications with improved retaining design. 32 +/- 1.25 inches.

2.6L L6 Gen 5 and 4.6L Verado Engines

8M0096319

Heavy Duty 34 inch Tie Bar allows two engines to be attached together +/- 1.25 inches. Tie Bar has been engineered for higher horse power applications with improved retaining design. 34 +/- 1.25 inches.

2.6L L6 Gen 5 and 4.6L Verado Engines

8M0097267

Heavy Duty 36 inch Tie Bar allows two engines to be attached together +/- 1.25 inches. Tie Bar has been engineered for higher horse power applications with improved retaining design. 36 +/- 1.25 inches.

2.6L L6 Gen 5 and 4.6L Verado Engines

HEAVY DUTY TIE BAR ADD AN ENGINE KIT



8M0096320

Add An Engine 26 inch Tie Bar allows triple and quad engines to be attached together +/- 1.25 inches. Tie Bar has been engineered for higher horse power applications with improved heavy duty design. 26 +/- 1.25 inches.

2.6L L6 Gen 5 and 4.6L Verado Engines

8M0096321

Add An Engine 28 inch Tie Bar allows triple and quad engines to be attached together +/- 1.25 inches. Tie Bar has been engineered for higher horse power applications with improved heavy duty design. 28 +/- 1.25 inches.

2.6L L6 Gen 5 and 4.6L Verado Engines

8M0096322

Add An Engine 30 inch Tie Bar allows triple and quad engines to be attached together +/- 1.25 inches. Tie Bar has been engineered for higher horse power applications with improved heavy duty design. 30 +/- 1.25 inches.

2.6L L6 Gen 5 and 4.6L Verado Engines

8M0096323

Add an engine 32 inch tie bar allows triple and quad engines to be attached together +/- 1.25 inches. Tie Bar has been engineered for higher horse power applications with improved heavy duty design. 32 +/- 1.25 inches.

2.6L L6 Gen 5 and 4.6L Verado Engines.

8M0096324

Add an engine 34 inch tie bar allows triple and quad engines to be attached together +/- 1.25 inches. Tie Bar has been engineered for higher horse power applications with improved heavy duty design. 34 +/- 1.25 inches.

2.6L L6 Gen 5 and 4.6L Verado Engines.

8M0097268

Add an engine 36 inch tie bar allows triple and quad engines to be attached together +/- 1.25 inches. Tie Bar has been engineered for higher horse power applications with improved heavy duty design. 36 +/- 1.25 inches.

2.6L L6 Gen 5 and 4.6L Verado Engines.

TIE BAR- SINGLE CYLINDER DUAL ENGINE



64-**8M0063473**

26 inch length with 1 inch of total adjustability. This tie bar can be used on a dual installation with just one cylinder.

75-115 HP EFI 4 Stroke OB (s/n 1B366823 & above), 150 4 Stroke, 135-200 4 cylinder Verado, OptiMax, and 3.4 & 4.6L FourStrokes up to 250hp. Use only with Mercury cylinders for dual engine applications.

64-**8M0063474**

28 inch length with 1 inch of total adjustability. This tie bar can be used on a dual installation with just one cylinder.

75-115 HP EFI 4 Stroke OB (s/n 1B366823 & above), 150 4 Stroke, 135-200 4 cylinder Verado, OptiMax, and 3.4 & 4.6L FourStrokes up to 250hp. Use only with Mercury cylinders for dual engine applications.

64-**8M0063475**

30 inch length with 1 inch of total adjustability. This tie bar can be used on a dual installation with just one cylinder.

75-115 HP EFI FourStroke OB (s/n 1B366823 & above), 150 FourStroke, 135-200 4 cylinder Verado, OptiMax, and 3.4 & 4.6L FourStrokes up to 250hp. Use only with Mercury cylinders for dual engine applications.

64-**8M0063476**

32 inch length with 1 inch of total adjustability. This tie bar can be used on a dual installation with just one cylinder.

75-115 HP EFI FourStroke OB (s/n 1B366823 & above), 150 FourStroke, 135-200 4 cylinder Verado, OptiMax, and 3.4 & 4.6L FourStrokes up to 250hp. Use only with Mercury cylinders for dual engine applications.

64-**8M0063477**

34 inch length with 1 inch of total adjustability. This tie bar can be used on a dual installation with just one cylinder.

75-115 HP EFI FourStroke OB (s/n 1B366823 & above), 150 FourStroke, 135-200 4 cylinder Verado, OptiMax, and 3.4 & 4.6L FourStrokes up to 250hp. Use only with Mercury cylinders for dual engine applications.

TIE BARS - DUAL ENGINES



64-892789Q22

26 inches long with 1 inch of total adjustability. Outboard centerline spacing of 66.0 cm (26 inches).

For use with the 75-115 hp EFI FourStroke (s/n 1B366823 & above), 175-200 L4 Verado, V6 OptiMax, and 3.4 & 4.6L FourStrokes - Up to 600 HP dual Install with one Counter Rotation Engine. Also used on multiple 150 FourStrokes.

64-892789Q23

28 inches long with 1 inch of total adjustability. Outboard centerline spacing of 71.1 cm (28 inches).

For use with the 75-115 hp EFI FourStroke (s/n 1B366823 & above), 175-200 L4 Verado, V6 OptiMax, and 3.4 & 4.6L FourStrokes - Up to 600 HP dual Install with one Counter Rotation Engine. Also used on multiple 150 FourStrokes.

64-892789Q25

30 inches long with 1 inch of total adjustability. Outboard centerline spacing of 76.2 cm (30 inches).

For use with the 75-115 hp EFI FourStroke (s/n 1B366823 & above), 175-200 L4 Verado, V6 OptiMax, and 3.4 & 4.6L FourStrokes - Up to 600 HP dual Install with one Counter Rotation Engine. Also used on multiple 150 FourStrokes.

64-892789Q26

32 inches long with 1 inch of total adjustability. Outboard centerline spacing of 81.3 cm (32 inches).

For use with the 75-115 hp EFI FourStroke (s/n 1B366823 & above), 175-200 L4 Verado, V6 OptiMax, and 3.4 & 4.6L FourStrokes - Up to 600 HP dual Install with one Counter Rotation Engine. Also used on multiple 150 FourStrokes.

64-892789Q27

34 inches long with 1 inch of total adjustability. Outboard centerline spacing of 86.4 cm (34 inches).

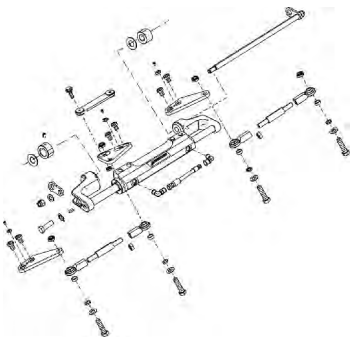
For use with the 75-115 hp EFI FourStroke (s/n 1B366823 & above), 175-200 L4 Verado, V6 OptiMax, and 3.4 & 4.6L FourStrokes - Up to 600 HP dual Install with one Counter Rotation Engine. Also used on multiple 150 FourStrokes.

64-892789Q24

36 inches long with 1 inch of total adjustability. Outboard centerline spacing of 91.5 cm (36 inches).

For use with the 75-115 hp EFI FourStroke (s/n 1B366823 & above), 175-200 L4 Verado, V6 OptiMax, and 3.4 & 4.6L FourStrokes - Up to 600 HP dual Install with one Counter Rotation Engine. Also used on multiple 150 4 strokes.

TIE BARS - TRIPLE ENGINES



892789Q32

26 Inches long with 1 inch of total adjustability.
Outboard centerline spacing of 66.0 cm (26 in.)

For use with the 175-200 L4 Verado, V6 OptiMax, and 3.4 & 4.6L FourStrokes. Also used on multiple 150 4 strokes.

892789Q33

28 Inches long with 1 inch of total adjustability.
Outboard centerline spacing of 71.1 cm (28 in.)

For use with the 175-200 L4 Verado, V6 OptiMax, and 3.4 & 4.6L FourStrokes. Also used on multiple 150 4 strokes.

LIQUID TIE BAR KIT



893396A02

Sequence valve for use with dual engines mounted more than 34 inches apart, or 2 sets of 2, for a total of 4 engines. With additional steering cylinder with wide dual engines , steering cylinders are connected in series. Valve allows for alignment / re-alignment. Add additional cylinder on counter rotation engines. Dual engines require 1 valve, 2 cylinders, and up to 300hp per engine. Quad engines still 1 valve, 4 cylinders, and up to 1800hp per engine.

2005 and newer Verado Engines and can also be used with the 75-115 EFI FourStroke outboard (s/n 1B366823 & above).

BRACKET- TIE BAR (WITH BOSSES)



892367T03

Gen1-Gen4 Verado M8 bolts

Verado 200-300 HP engines.

TIE BAR KIT - PORT MOUNTED KICKER



898370A03

Tie bar for Manual Hydraulic Steering System to attach primary engine to kicker engine. Engine will be mounted on the Port side of the primary engine.

Verado 175-200 HP as well as Mercury's bolt-on steering system for OptiMax, 75-115 FourStrokes, and the 3.4 and 4.6L FourStrokes.

TIE BAR KIT - STARBOARD MOUNTED KICKER



898966A02

Tie bar for Manual Hydraulic Steering System to attach primary engine to kicker engine. Engine will be mounted on the Starboard side of the primary engine.

Verado 175-200 HP as well as Mercury's bolt-on steering system for OptiMax, 75-115 FourStrokes, and 3.4 & 4.6L FourStrokes.

DRIVE BRACKET ONLY



67-**892763A15**

Heavy duty stainless steel bracket. Bracket used on Panther Model 55-2700, Panther Model 55-2750.

BRACKET-KICKER ENGINE ATTACHMENT



892822A02

Unique bracket used to hook up a kicker engine with Verado. Special bracket is attached to Verado engine to allow attachments.

2005 Verado Engines 200-300 HP

KICKER ENGINE BRACKET

8M0097850

Bracket is used to mount a kicker engine with a Verado engine.

Bracket is used on Gen 5 Verado engines

TROLLING MOTOR TIE BAR KIT WITHOUT DRIVE UNIT



67-**892763A24**

Heavy duty auxiliary steering kit connects an auxiliary trolling motor to your main motor. It is 1/2 inch thick. Ideal for large Walleye/ Great Lake boats with rough water running conditions. Panther Model 55-2700.

TROLLING MOTOR TIE BAR KIT



67-**892763A14**

Heavy duty auxiliary steering kit connects an auxiliary trolling motor to your main motor. It is 1/2 inch thick. Drive bracket is 100% stainless steel. Ideal for large Walleye/Great Lakes boats with rough water running conditions. Panther Model 55-2700.

COUPLER ASSEMBLY KIT- 26 INCH

Image not Available.

8M0099084

Requires 2 per install

COUPLER ASSEMBLY KIT- 28 INCH

Image not Available.

8M0099085

Requires 2 per install

ASSEMBLY EXTENSION ARM KIT- TIE BAR

Image not Available.

8M0099090

Extension Arm Kit

EXTENSION ARM HARDWARE KIT

Image not Available.

8M0099091

Extension arm hardware kit

TIE ROD KIT

Image not Available.

8M0099092

Tie Rod Kit with Hardware

CLEVIS ASSEMBLY KIT- DUAL

Image not Available.

8M0099093

Clevis Assembly Kit

CLEVIS ASSEMBLY KIT- TRIPLE

Image not Available.

8M0099094

Triple Clevis Assembly Kit

HARDWARE KIT- COUPLER/TIE ROD

Image not Available.

8M0099104

Coupler/Tie Rod Hardware Kit

TIE ROD ASSEMBLY- BUSHING KIT

Image not Available.

23-**8M0099105**

Tie rod assembly bushing kit

HYDRAULIC STEERING - BASIC AND HEAVY DUTY SYSTEMS

Both the Basic and the Heavy Duty Hydraulic Systems in this section will use the hoses listed. (8M0053474 to 8M0053492) Note that the Basic is for single engines only - 150 HP and below. The Heavy Duty systems are for single engines above 150 HP as well as multiple engines. Fittings are listed in this section that can be installed to the compression style connections.

CYLINDER - HYDRAULIC - STANDARD



8M0141911

This Basic hydraulic cylinder has the same robust performance design requirement as our heavy duty cylinder. It is qualified to the same 300,000 cycle as our other steering systems, has high strength fasteners, stainless steel arm, heavy duty triple seal cartridges for enhanced duribilty and longevity high quality fittings using swaged compression style hose connections.

All Single Outboard - 150 HP and below
(1.5L Opti engine requires the special arm - cylinder 8M0056619)

CYLINDER - HYDRAULIC - STANDARD



8M0056619

This Basic hydraulic cylinder has the same robust performance design requirement as our heavy duty cylinder. It is qualified to the same 300,000 cycle as our other steering systems, has high strength fasteners, stainless steel arm, with a special bend for clearance, heavy duty triple seal cartridges for enhanced duribilty and longevity. High quality fittings using swaged compression style hose connections.

Mercury OB - 1.5L OptiMax

HYDRAULIC HELM - BASIC SYSTEM



8M0050098

This hydraulic helm is a standard 20 CC / 1.2 cu inch helm with compression style fittings. It is used with the 8M0054993 basic cylinder. The shaft is anodized steel with a composite tank. The pressure relief is 1000 PSI for high torque applications for improved performance (5.2 lock-to-lock wheel turns).

Single engine 75-150 HP (includes new 150 HP 4 Stroke)

HYDRAULIC HELM - BASIC SYSTEM



8M0050099

This hydraulic helm is a Tilt 20 CC / 1.2 Cu Inch helm with compression style fittings. It is used with the 8M0054993 Basic cylinder. The shaft is anodized steel with a composite tank. The pressure relief is 1000 PSI for high torque applicactions for improved performance. (5.2 Lock to lock wheel turns).

Single engine 75-150 HP OB (Includes new 150 HP 4 stroke)

HYDRAULIC HELM AND CYLINDER- SMALL- STD W-O HOSES



8M0077699

This kit includes a small cylinder and a new 1.2 Cubic Inch (20cc) Standard Helm. They do not come with hoses, you will need to order Compression Style fitting hoses 8M0053474 thru 8M0053491 hose kits (1000 PSI relief).

Used on any brand Single Engine Outboard 150 HP and below

HYDRAULIC HELM AND CYLINDER- SMALL- TILT W-O HOSES



8M0077701

This kit includes a small cylinder and a new 1.2 Cubic Inch (20cc) Tilt Helm. They do not come with hoses, you will need to order Compression Style fitting hoses 8M0053474 thru 8M0053491 hose kits (1000 PSI relief).

Used on any brand Single Engine Outboard 150 HP and below

CYLINDER WITH COMPRESSION STYLE FITTINGS



8M0050097

Heavy Duty Hydraulic standard cylinder that uses compression hoses 8M0053474 - 8M005053491. This cylinder is tested to Mercury's rigid standards that include higher loads and cycle testing to 300,000 cycles. It includes machined, high strength fasteners, electro polished SS arm, and heavy duty triple seal cartridges for enhanced duribility and longevity

135-300 HP OPTI Max Outboards and 4 Cylinder Verado (Hydraulic only) Use on single, dual and triple installations

CYLINDER WITH COMPRESSION STYLE FITTINGS-PORT



8M0056145

Heavy Duty Hydraulic cylinder counter rotation that uses compression hoses 8M0053474 - 8M005053491. This cylinder is tested to Mercury's rigid standards that include higher loads and cycle testing to 300,000 cycles. It includes machined, high strength fasteners, electro polished SS arm, and heavy duty triple seal cartridges for enhanced duribility and longevity

135-300 HP OPTI Max Outboards and 4 Cylinder Verado (Hydraulic only) Use on dual and triple installations (Counter rotation)

HYDRAULIC HELM PUMP - COMPRESSION STYLE FITTINGS



8M0056139

Front Mount standard helm - 1.5 cubic inch (25 CC) displacement. Approximately 5 turns lock-to-lock on singles and 8 on dual cylinders. Compact design, built-in valve for positive rudder lock and integral relief valve for over pressure protection-1500 PSI (use compression style fittings and hoses).

Use with cylinder 8M0184533 and hoses 8M0053474 thru 8M0053492. Use on single or multiple OptiMax powered boats. Use on Verado 4 cylinder Hydraulic steering installation.

HYDRAULIC HELM PUMP - COMPRESSION STYLE FITTINGS



8M0056140

Front Mount Tilt helm - 1.5 cu inches (25 CC) displacement. Approximately 5 turns lock-to-lock on singles and 8 on dual cylinders. Compact design, built-in valve for positive rudder lock and integral relief valve for over pressure protection - 1500 PSI (use compression style fittings and hoses).

Use with cylinder 8M0184533 and hoses 8M0053474 thru 8M0053492. Use on single or multiple OptiMax powered boats. Use on Verado 4 cylinder Hydraulic steering installation.

HYDRAULIC HELM PUMP - COMPRESSION STYLE FITTINGS



8M0056141

Front Mount Standard helm - 2.0 cu inches (33CC) displacement. Approximately 4.7 turns lock to lock on singles and 7.3 on dual cylinders. Compact design, built-in valve for positive rudder lock and integral relief valve for over pressure protection - 1500 PSI (use compression style fittings and hoses).

Use with cylinder 8M0184533 and hoses 8M0053474 thru 8M0053492. Use on single or multiple OptiMax powered boats. Use on Verado 4 cylinder Hydraulic steering installation.

HYDRAULIC HELM PUMP - COMPRESSION STYLE FITTINGS



8M0056142

Front Mount Tilt helm - 2.0 cu inches (33 CC) displacement. Approximately 4.7 turns lock-to-lock on singles and 7.3 on dual cylinders. Compact design, built-in valve for positive rudder lock and integral relief valve for over pressure protection - 1500 PSI (use compression style fittings and hoses).

Use with cylinder 8M0184533 and hoses 8M0053474 thru 8M0053492. Use on single or multiple OptiMax powered boats. Use on Verado 4 cylinder Hydraulic steering installation.

HYDRAULIC HELM PUMP - Q/S



8M0056143

Front Mount 2.4 cu inches (39 CC) displacement. Approximately 3 turns lock-to-lock on singles and 6.5 on dual cylinders. Compact design, built-in valve for positive rudder lock and integral relief valve for over pressure protection (use compression style fittings and hoses).

Hydraulic Steering for Verado 135 to 175-4 stroke engines
Also can be used on OptiMax with Mercury hydraulic cylinder and hoses. Also can be used on OptiMax with Mercury hydraulic cylinder and hoses Also can be used on 75-115 4 stroke and 1.5L opti 75-115 HP
Use cylinder 8M0184533 for Std and 8M0184534 for counter for multiple engine installs. Hose series is 8M0053474 thru 8M0053492

HYDRAULIC HELM PUMP - Q/S-TILT



8M0056144

Front Mount 2.4 cu inches (39 CC) displacement. Approximately 3 turns lock to lock on singles and 6.5 on dual cylinders. Compact design, tilt range of 48 degrees and 5 locking positions. Built-in valve for positive rudder lock and integral relief valve for over pressure protection (use compression style fittings and hoses).

Hydraulic Steering for Verado 135 to 175 FourStroke engines. Can be used on OptiMax with Mercury hydraulic cylinder and hoses. Also can be used on OptiMax with Mercury hydraulic cylinder and hoses and 75-115 FourStroke and 1.5L OptiMax 75-115 HP. Use cylinder 8M0184533 for standard and 8M0184534 for counter for multiple engine installs. Hose series is 8M0053474 thru 8M0053492.

HYDRAULIC STEERING KIT -Q/S



8M0073922

Quicksilver 1.5 cu inch displacement standard helm kit with cylinder and hoses (14 ft.). Approximately 5 turns lock-to-lock on a single engine.

Hydraulic Steering - 75 HP engines and above

HYDRAULIC STEERING KIT - Q/S

8M0073923

Quicksilver 1.5 cu inch displacement standard helm kit with cylinder and hoses (16 ft.). Approximately 5 turns lock-to-lock on a single engine.

Hydraulic Steering - 75 HP engines and above

HYDRAULIC STEERING KIT -Q/S

8M0073924

Quicksilver 1.5 cu inch displacement standard helm kit with cylinder and hoses (18 ft.). Approximately 5 turns lock-to-lock on a single engine.

Hydraulic Steering - 75 HP engines and above

8M0073925

Quicksilver 1.5 cu inch displacement standard helm kit with cylinder and hoses (20 ft.). Approximately 5 turns lock-to-lock on a single engine.

Hydraulic Steering - 75 HP engines and above

HYDRAULIC STEERING KIT - Q/S

8M0073927

Quicksilver 1.5 cu inch displacement standard helm kit with cylinder and hoses (22 ft.). Approximately 5 turns lock-to-lock on a single engine.

Hydraulic Steering - 75 HP engines and above

HYDRAULIC STEERING KIT -Q/S

8M0073928

Quicksilver 1.5 cu inch displacement standard helm kit with cylinder and hoses (24 ft.). Approximately 5 turns lock-to-lock on a single engine.

Hydraulic Steering - 75 HP engines and above

HYDRAULIC HOSE - COMPRESSION STYLE FITTINGS



32-**8M0053474**

(2 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 "Basic" Cylinders as well as the 8M0184533/8M0054145 "Heavy Duty" systems, also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053475**

(3 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems, also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053476**

(4 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems, also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053477**

(5 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems, also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053478**

(6 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems, also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053479**

(7 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems, also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053480**

(8 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems, also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053481**

(10 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems, also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053482**

(12 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems, also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053483**

(14 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems. Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053484**

(16 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems. Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053485**

(18 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems. Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053486**

(20 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M01845338M0054145 Heavy Duty systems. Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053487**

(22 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems. Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053488**

(24 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems. Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053489**

(26 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems. Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053490**

(28 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems, Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144

32-**8M0053491**

(30 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems, also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144

32-**8M0053492**

(32 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems, also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

VENTED HELM CAP-VCAP



64-**891667Q01**

Vented helm cap for use on Q/S helms 891665Q02 and 891666Q01.

NON VENTED CAP



19-**898432**

Required for dual station installations of steering system.

REMOTE FILL KIT FOR HYDRAULIC STEERING



64-**889934A05**

Remote fill adapter for rear mount and tilt mount Hydraulic pumps.

Hydraulic Steering for Verado 135 to 200-4 stroke engines. Also can be used on OptiMax with Mercury hydraulic cylinder and hoses.

HYDRAULIC STEERING ARM



898082A03

This arm attaches the cylinder to the engine for 1.5L OptiMax engines. Remove existing arm on 898349A01 cylinder and replace it with this arm for proper clearances

1.5L OptiMax engines

VENTED HELM CAP-VCAP



64-**891667Q01**

Vented helm cap for use on Q/S helms 891665Q02 and 891666Q01.

ADAPTER FOR POWER PURGE

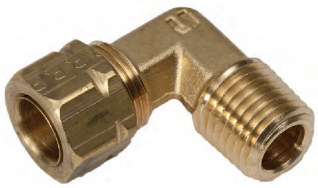


64-**889934A06**

Adapter for the Power Purge system

Hydraulic Steering for Verado 135 to 200-4 stroke engines. Also can be used on OptiMax with Mercury hydraulic cylinder and hoses.

FITTING - 90 DEGREE

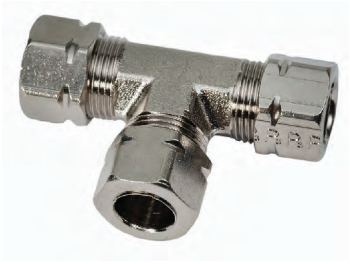


22-**8M6000760**

90 degree fitting used with compression style hydraulic sytems (1/4 - 18 NPT to 3/8 compression)

Hydraulic Compression Steering systems

TEE FITTING



22-**8M6000771**

.375 Inch, Tee fitting used with compression style hydraulic sytem. (3/8 compression)

Hydraulic Compression Steering systems

BULKHEAD FITTING - COMPRESSION STYLE



22-**8M6001381**

Bulkhead fitting for Compression style Hydraulic Steering Systems
.375 x 2.50 inch

Compression Style Hydraulic Systems

FITTING-TEE BLEEDER

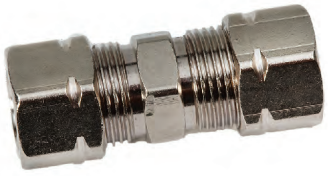


22-**8M0041173**

3/8 Comp x 6 ORFS
Tee fitting used on the compression style cylinders (1500 PSI)

8M0184533 and 8M0054993 cylinders

FITTING BULKHEAD 3 INCH



22-**8M0055326**

Bulkhead fitting used with compression style steering hoses (.375 inch compression X 3 inch LG)

Hydraulic Compression Steering Systems

FITTING KIT BULKHEAD



64-**8M0088973**

Improved bulkhead fitting kit with chrome housing for multiple hose installations.

Multiple Hose Installations for Compression style hoses.

FITTING - TEE



22-8M6001390

Used with Compression style hydraulic systems.
Tee - 3/8 in. Compression X 3/8 in. male

Hydraulic Compression style systems - Basic and Heavy Duty

FITTING - 90 DEGREE



22-8M6001392

Used with Compression style hydraulic systems.
90 degree- 3/8 in. Compression X 3/8 in.male

Hydraulic Compression style systems - Basic and Heavy Duty

HYDRAULIC OUTBOARD STEERING SYSTEM

HYDRAULIC OUTBOARD STEERING KIT UP TO 115HP



8M0153154

Kit includes: Intermediate mount helm pump, front mount outboard cylinder, hose kit(1/4 in. - 6m length) and fitting pre-assembled at one end. For outboards from 40HP-115HP. Includes synthetic power steering fluid SAE 0W30 (2L) (PN 8M0133951).

HYDRAULIC STEERING - COMMON TO POWER STEERING

These parts are used to install Hydraulic Steering with the Power Steering components. Use hoses 8M0046914 thru 8M0046932 are the hoses that go with these cylinders and helms. All fittings are Power steering fittings found in the Power Steering section.

CYLINDER - HYDRAULIC OR POWER STEERING



898349A11

Cylinder designed to meet all Power Steering strength and performance requirements. This cylinder is the most robust design in the market. Includes all hardware to mount this cylinder including the strongest bolts to attach to the engine.

Verado 175-200 - both Power Steering or Hydraulic V6/1.5 Opti Max Hydraulic - 1.5L Opti needs to order arm 898082A03 to provide clearance
75-150 4 stroke engines.

CYLINDER - HYDRAULIC OR P/S- COUNTER ROTATION



898349A14

Port ot counter rotation cylinder designed to meet all Power Steering strength and performance requirements. This cylinder is the most robust design in the market. Includes all hardware to mount this cylinder including the strongest bolts to attach to the engine

Verado 135-200 - both Power Steering or Hydraulic. Multiple Engines V6/1.5 Opti Max Hydraulic - 1.5L Opti needs to order arm 898082A03 to provide clearance 75-115 4 stroke engines Multiple OtiMax engines - P/S 150 4 Stroke engines.

CYLINDER - BIG TILLER



898349A15

Cylinder included in Tiller Kit. Cylinder designed to meet all Power Steering strength and performance requirements. This cylinder is the most robust design on the market. Includes all hardware to mount this cylinder including the strongest bolts to attach to the engine.

Big Tiller Cylinder - 75-115 4 Stroke, 75-115 1.5L Opti, 135-250 2.5L/3.0L Opti and 135-200 4 Cylinder Verado

HYDRAULIC HELM PUMP -Q/S



64-**891665Q01**

Front Mount (1.5 cu inch) displacement. Approximately 5 turns lock-to-lock on singles and 10 on dual cylinders. Compact design, built-in valve for positive rudder lock and integral relief valve for over pressure protection.

Hydraulic Steering for Verado 135 to 175-4 stroke engines. Can be used on OptiMax with Mercury hydraulic cylinder and hoses and 75-115 4 stroke and 1.5L OptiMax 75-115 HP.

HYDRAULIC HELM PUMP -Q/S



64-**891665Q04**

Front Mount (2.0 cu inch) displacement. Approximately 4 turns lock-to-lock on singles and 8 on dual cylinders. Compact design, built-in valve for positive rudder lock and integral relief valve for over pressure protection.

Hydraulic Steering for Verado 135 to 200-4 stroke engines. Also can be used on OptiMax with Mercury hydraulic cylinder and hoses.

HYDRAULIC HELM PUMP -Q/S



64-**8M0124205**

Front Mount 2.4 cu in displacement. Approximately 3 turns lock to lock on singles and 6.5 on dual cylinders
Compact design
Built-in valve for positive rudder lock
Integral relief valve for over pressure protection

Hydraulic Steering for Verado 135 to 200-4 stroke engines
Also can be used on OptiMax with Mercury hydraulic cylinder and hoses

HYDRAULIC HELM PUMP -Q/S-TILT



64-**891666Q05**

Front Mount (1.5 cu inch) displacement. Approximately 5 turns lock-to-lock for singles and 10 on dual cylinders. Compact design, tilt range of 48 degrees and 5 locking positions. Built-in valve for positive rudder lock and integral relief valve for over pressure protection.

Hydraulic Steering for Verado 135 to 175-4 stroke engines. Also can be used on OptiMax with Mercury hydraulic cylinder and hoses. Can be used on OptiMax with Mercury hydraulic cylinder and hoses Also can be used on 75-115 4 stroke and 1.5L OptiMax 75-115 HP.

HYDRAULIC HELM PUMP -Q/S-TILT



64-**8M0124208**

Front Mount 2.0 cu in displacement. Approximately 4 turns lock to lock on singles and 8 on dual cylinders
Compact design
Tilt Range of 48 Deg and 5 locking positions
Built-in valve for positive rudder lock
Integral relief valve for over pressure protection

Hydraulic Steering for Verado 135 to 200-4 stroke engines
Also can be used on OptiMax with Mercury hydraulic cylinder and hoses

HYDRAULIC HELM PUMP -Q/S-TILT



64-**891666Q04**

Front Mount 2.4 (cu inch) displacement. Approximately 3 turns lock-to-lock singles and 6.5 on dual cylinders. Compact design and tilt range of 48 degrees and 5 locking positions. Built-in valve for positive rudder lock and integral relief valve for over pressure protection.

Hydraulic Steering for Verado 135 to 200-4 stroke engines. Also can be used on OptiMax with Mercury hydraulic cylinder and hoses.

MERCURY HYD BOLT-ON STEERING KIT- STD -W/O HOSES



898349A02

This kit includes a standard helm (1.5cu inch) with all the needed components to install the helm along with a bolt-on cylinder with hardware. This bolt-on kit is the most robust hydraulic system in the market. The cylinder was tested to all Verado standards for load and strength. The kit also includes high strength machined stainless steel screws that are used at each attachment point. Order Verado hoses 897982K__ series separately.

Used on all Verado 135-200 L4 engines, 75-115 4 Cylinder 4 strokes, OptiMax 1/5L and V6 engines. Use with Power Steering Hoses 8M0046914 thru 8M00469932.

MERCURY HYD BOLT-ON STEERING KIT-TILT -W/O HOSES



898349A03

This kit includes a Tilt helm (1.5 cu inch) with all the needed components to install the helm along with a bolt-on cylinder with hardware and remote fill kit. This bolt-on kit is the most robust hydraulic system in the market. The cylinder was tested to all Verado standards for load and strength. The kit also includes high strength machined stainless steel screws that are used at each attachment point. Order Verado hoses (897982K__) separately.

Used on all Verado 135-200 L4 engines, 75-115 4 Cylinder 4 strokes, OptiMax 1/5L and V6 engines. Use with Power Steering Hoses 8M0046914 thru 8M00469932.

VENTED HELM CAP-VCAP



64-**891667Q01**

Vented helm cap for use on Q/S helms 891665Q02 and 891666Q01.

NON VENTED CAP



19-**898432**

Required for dual station installations of steering system.

REMOTE FILL KIT FOR HYDRAULIC STEERING



64-**889934A05**

Remote fill adapter for rear mount and tilt mount Hydraulic pumps.

Hydraulic Steering for Verado 135 to 200-4 stroke engines. Also can be used on OptiMax with Mercury hydraulic cylinder and hoses.

HYDRAULIC HELM STEERING FLUID



92-**858078QB1**

For use in MCM compact hydraulic helm steering systems.
Also used on Mercury Hydraulic Steering - Verado 135-175 and bolt-on steering system.

1 L (33.8 fl oz) plastic bottle

HYDRAULIC STEERING ARM



898082A03

This arm attaches the cylinder to the engine for 1.5L OptiMax engines. Remove existing arm on 898349A01 cylinder and replace it with this arm for proper clearances

1.5L OptiMax engines

VENTED HELM CAP-VCAP



64-**891667Q01**

Vented helm cap for use on Q/S helms 891665Q02 and 891666Q01.

X52- TILT MECHANISM



8M6003709

X52 Tilt- Used with T81 FC, T83 FC helms

ADAPTER FOR POWER PURGE



64-**889934A06**

Adapter for the Power Purge system

Hydraulic Steering for Verado 135 to 200-4 stroke engines. Also can be used on OptiMax with Mercury hydraulic cylinder and hoses.

VERADO KICKER ELECTRICAL KIT



8M0134611

Battery isolated system that allows you to run your kicker engine and use the Power Steering system without you primary engine running. This system allows you to connect to a deep cell battery (not your starter battery) and the system will provide normal power steering from the wheel. The system will alert you when your auxiliary battery is below 9.5 volts. This signal means that you must start your primary engine to change the battery system. This kit will save the starting battery for primary starting use only.

Verado Power Steering systems with a kicker engine 135-200 Verado

UFLEX STANDARD RACK STEERING SYSTEM

Racktech steering system. Kits will include a helm, x34 bezel and M86 steering cables. The cables have stainless steel output fitting ends, 3/4 inch tapered shaft and can be mounted in multiple positions.

STANDARD RACK AND PINION STEERING SYSTEM



64-**889935A18**

18 ft.

Racktech 18 steering kit. Kit includes helm, 90 degree bezel (X34) and a 18 ft. steering cable (M86).

UFLEX STANDARD RACK STEERING SYSTEM / TILT

Racktech steering system. Kits include a helm, X52 tilt mechanism and M86 steering cables. Cables have stainless steel output fitting ends, 3/4 inch tapered shaft and can be mounted in multiple positions.

STANDARD RACK STEERING SYSTEM-TILT



64-**889936A09**

9 ft.

Rotech Tilt 09 kit. The kit includes helm, X52 tilt mechanism, and 9 ft. steering cable (M86).

UFLEX ZEROTORQUE FEEDBACK RACK STEERING SYSTEM

Accutech Zero Torque Feedback steering system. Kits include a helm, X34 bezel and M86 steering cable. Cables have stainless steel output fitting ends, 3/4 inch tapered shaft and can be mounted in multipe positions. Ref Service Bulletin 2007-13 for Ride Guide replacement Information.

ZERO TORQUE FEEDBACK RACK STEERING SYSTEM



64-889937Q08

8 ft. Replaces Ride Guide System per Service Bulletin 2007-13.
Accutech 08 kit. Kit includes helm, X34 bezel and 8 ft. steering cable (M86).

64-889937Q13

13 ft. Replaces Ride Guide System per Service Bulletin 2007-13.
Accutech 13 kit. Kit includes helm, X34 bezel and 13 ft. steering cable (M86).

ZERO TORQUE FEEDBACK RACK STEERING SYSTEM



64-889937Q14

14 ft. Replaces Ride Guide System per Service Bulletin 2007-13.
Accutech 14 kit. Kit includes helm, X34 bezel and 14 ft. steering cable (M86).

ZERO TORQUE FEEDBACK RACK STEERING SYSTEM



64-889937Q19

19 ft. Replaces Ride Guide System per Service Bulletin 2007-13.
Accutech 19 kit. Kit includes helm, X34 bezel and 19 ft. steering cable (M86).

64-889937Q27

27 ft. Replaces Ride Guide System per Service Bulletin 2007-13.
Accutech 27 kit. Kit includes helm, X34 bezel and 27 ft. steering cable (M86).

UFLEX ZEROTORQUE FEEDBACK RACK SYSTEM/ TILT

Accutech Zero Torque Feedback steering system. Kit includes a helm, X52 tilt mechanism and M86 steering cable. Cables have stainless steel output fitting ends, 3/4 inch tapered shaft and can be mounted in multiple positions.

UFLEX MECHANICAL STEERING CABLES

Replacement rack steering cable for Accutech and Racktech steering systems. Also replaces Morse Command 200 and teleflex "The Rack" cables.

RACK REPLACEMENT STEERING CABLE



64-889940A10

10 ft
M86x10

64-889940A11

11 ft
M86x11

64-889940A12

12 ft
M86x12

64-889940A13

13 ft
M86x13

64-889940A14

14 ft
M86x14

64-889940A15

15 ft
M86x15

64-889940A16

16 ft
M86x16

64-889940A17

17 ft
M86x17

64-889940A18

18 ft
M86x18

64-889940A19

19 ft
M86x19

64-889940A20

20 ft
M86x20

64-889940A21

21 ft
M86x21

64-889940A22

22 ft
M86x22

64-**889940A23**
23 ft
M86x23

64-**889940A24**
24 ft
M86x24

64-**889940A27**
27 ft
M86x27

64-**889940A28**
28 ft
M86x28

64-**889940A29**
29 ft
M86x29

64-**889940A30**
30 ft
M86x30

64-**889940A32**
32 ft
M86x32

64-**889940A34**
34 ft
M86x34

64-**889940A36**
36 ft
M86x36

64-**889940A38**
38 ft
M86x38

64-**889940A40**
40 ft
M86x40

64-**889940A48**
48 ft
M86x48

64-**889940A50**
50 ft
M86x50

TELEFLEX NON-NFB SAFE-T QC ROTARY STEERING SYSTEMS

Designed with standard 3/4 in. (19 mm) round taper steering shaft and stainless steel cable output ends for maximum corrosion resistance. Features cable with quick connect to steering helm. Three turns lock-to-lock for standard travel. 90 degree helm mount.

SAFE-T QUICK CONNECT STEERING SYSTEM



64-**826472A 8**
8 ft. (2.4m)

64-**826472A 9**
9 ft. (2.7m)

64-**826472A13**
13 ft. (4.0m)

UFLEX STANDARD ROTARY STEERING SYSTEMS

Rotech steering system features planetary gear design for increased longevity, greater efficiency and smooth operation. Kits include T71 FC helm, X34 bezel and M66 steering cables. SS output fittings, 3/4 inch tapered shaft and flexible mounting positions.

STANDARD ROTARY STEERING SYSTEM



64-**889930A08**
8 ft
Rotech 08 kit. Kit includes T71 FC helm, X34 mounting bezel and 8 ft Steering cable (M66).

64-**889930A09**
9 ft
Rotech 09 kit. Kit includes T71 FC helm, X34 mounting bezel and 9 ft Steering cable (M66).

64-**889930A10**
10 ft
Rotech 10 kit. Kit includes T71 FC helm, X34 mounting bezel and 10 ft Steering cable (M66).

64-**889930A11**
11 ft
Rotech 11 kit. Kit includes T71 FC helm, X34 mounting bezel and 11 ft Steering cable (M66).

64-**889930A12**
12 ft
Rotech 12 kit. Kit includes T71 FC helm, X34 mounting bezel and 12 ft Steering cable (M66).

64-**889930A13**
13 ft
Rotech 13 kit. Kit includes T71 FC helm, X34 mounting bezel and 13 ft Steering cable (M66).

64-**889930A14**
14 ft
Rotech 14 kit. Kit includes T71 FC helm, X34 mounting bezel and 14 ft Steering cable (M66).

64-**889930A15**
15 ft
Rotech 15 kit. Kit includes T71 FC helm, X34 mounting bezel and 15 ft Steering cable (M66).

64-**889930A16**
16 ft
Rotech 16 kit. Kit includes T71 FC helm, X34 mounting bezel and 16 ft Steering cable (M66).

64-**889930A17**
17 ft
Rotech 17 kit. Kit includes T71 FC helm, X34 mounting bezel and 17 ft Steering cable (M66).

64-**889930A18**
18 ft
Rotech 18 kit. Kit includes T71 FC helm, X34 mounting bezel and 18 ft Steering cable (M66).

64-**889930A19**
19 ft
Rotech 19 kit. Kit includes T71 FC helm, X34 mounting bezel and 19 ft Steering cable (M66).

64-**889930A20**
20 ft
Rotech 20 kit. Kit includes T71 FC helm, X34 mounting bezel and 20 ft Steering cable (M66).

UFLEX STANDARD ROTARY STEERING SYSTEMS/ TILT

Rotech steering system features a planetary gear design for increased longevity, greater efficiency and smooth operation. Includes T81 FC helm, X52 tilt mechanism and M66 steering cables. Automotive style, 5 position tilt range.

STANDARD ROTARY STEERING SYSTEM TILT



64-**889931A17**

17 ft

Rotech Tilt 17 kit. Kit includes the T81 FC helm and 17 ft steering cable (M66).

UFLEX STANDARD ROTARY STEERING SYSTEMS/ DUAL CABLE

Dual cable Rotech steering system. Features planetary gear design for longevity, greater efficiency and smoother operation. Includes T72 FC helm, X34 bezel and two M66 steering cables. SS ends, 3/4 inch tapered shaft and flexible mounting positions.

STANDARD DUAL CABLE ROTARY STEERING SYSTEM



64-**889932A12**

12 ft

Rotech II 12 kit. Kit includes T72 FC helm, X34 bezel and 12 ft steering cable (M66).

64-**889932A17**

17 ft

Rotech II 17 kit. Kit includes T72 FC helm, X34 bezel and 17 ft steering cable (M66).

TELEFLEX NFB ROTARY STEERING

No Feedback Steering Control. Used on Bass boats, runabouts, center consoles--virtually all of today's outboard boats with wheels up to 16 inch diameter. Replaces Teleflex Safe-T steering systems without dash modifications.

NFB 4.2 ROTARY SYSTEM SINGLE CABLE



64-**851622A10**

10 ft. (3.0m)

64-**851622A11**

11 ft. (3.4m)

64-**851622A12**

12 ft. (3.7m)

64-**851622A13**

13 ft. (4.0m)

64-**851622A14**

14 ft. (4.3m)

64-**851622A15**

15 ft. (4.6m)

64-**851622A16**

16 ft. (4.9m)

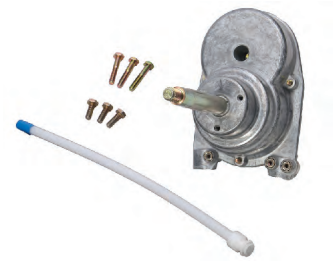
64-**851622A17**

17 ft. (5.2m)

64-**851622A18**

18 ft. (5.5m)

NFB 4.2 SINGLE HELM REPLACEMENT PARTS



64-**851622A 1**

NFB 4.2 Single Helm

UFLEX ZEROTORQUE FEEDBACK ROTARY STEERING SYSTEM

Accura Zero Torque feedback steering systems features a clutch that eliminates rudder torque and a planetary gear design for increased longevity, greater efficiency and smooth operatiion. Kits include the T73 FC helm, X34 bezel and M66 steering cable. Ref Service Bulletin 2007-13 for Ride Guide replacement Information.

ZERO TORQUE FEEDBACK ROTARY STEERING SYSTEM



64-**889933Q10**

10 ft Replacement for Ride Guide System Ref to service Bulletin 2007-13

64-**889933Q12**

12 ft Replacement for Ride Guide System Ref to service Bulletin 2007-13

UFLEX ZEROTORQUE FEEDBACK ROTARY SYSTEMS / TILT

Accura Zero Torque Feedback steering system features a clutch that eliminates rudder torque and a planetary gear design for increased longevity, greater efficiency and smooth operation. Kit includes the T73 FC helm, X52 tilt mechanism and the M66 cables.

ZERO TORQUE FEEDBACK ROTARY STEERING SYSTEM TILT



64-**889934A08**

8 ft

Accura Tilt 08 Kit includes T73 FC helm, X52 tilt mechanism and 8 ft Steering cable (M66).

64-**889934A09**

9 ft

Accura Tilt 09 Kit includes T73 FC helm, X52 tilt mechanism and 9 ft Steering cable (M66).

64-**889934A14**

14 ft

Accura Tilt 14kit Includes T73 FC helm, X52 tilt mechanism and 14ft steering cable (M66).

64-**889934A15**

15 ft

Accura Tilt 15kit Includes T73 FC helm, X52 tilt mechanism and 15ft steering cable (M66).

64-**889934A19**

19 ft

Accura Tilt 19kit Includes T73 FC helm, X52 tilt mechanism and 19ft steering cable (M66).

UFLEX ROTARY STEERING CABLES

Replacement rotary steering cables for Rotech and Accura steering systems. Also replaces Morse Command 290 and Teleflex QC cables.

ROTARY STEERING CABLE (M66)



64-**889939A09**

9 ft

Replacement cable

64-**889939A10**

10 ft

Replacement cable

64-**889939A11**

11 ft

Replacement cable

64-**889939A12**

12 ft

Replacement cable

64-**889939A13**

13 ft

Replacement cable

64-**889939A14**

14 ft

Replacement cable

64-**889939A15**

15 ft

Replacement cable

64-**889939A16**

16 ft

Replacement cable

64-**889939A17**

17 ft

Replacement cable

64-**889939A18**

18 ft

Replacement cable

64-**889939A19**

19 ft

Replacement cable

64-**889939A20**

20 ft

Replacement cable

UFLEX STEERING COMPONENTS-HELMS, BEZELS,TILT MECH.

X35- 20 DEGREE MOUNTING BEZEL



64-**889930A03**

Use to adjust helm angles

X35- Used with T71 FC, T72 FC, T73 FC, G22, G22 NR helms or Mercury Power Steering (2005 Verado)

X34- 90 DEGREE MOUNTING BEZEL



64-**889930A02**

Use with helms to adjust helm angles

X34- Used with T71 FC, T72 FC, T73 FC, G22, G22 NR helms or Mercury Power Steering (2005 Verado)

STANDARD ROTARY STEERING HELM-T71 FC



64-**889930A01**

T71 FC helm

ZERO TORQUE FEEDBACK STEERING HELM-T73 FC



64-**889933A01**

T73 FC helm-

ZERO TORQUE FEEDBACK RACK STEERING HELM-G88 NR



64-**889937A01**

G88 NR- Zero Torque Rack Helm

UFLEX MISC COMPONENTS

TIE BARS - DUAL ENGINES



64-**892789Q22**

26 inches long with 1 inch of total adjustability. Outboard centerline spacing of 66.0 cm (26 inches).

For use with the 75-115 hp EFI FourStroke (s/n 1B366823 & above), 175-200 L4 Verado, V6 OptiMax, and 3.4 & 4.6L FourStrokes - Up to 600 HP dual Install with one Counter Rotation Engine. Also used on multiple 150 FourStrokes.

64-**892789Q23**

28 inches long with 1 inch of total adjustability. Outboard centerline spacing of 71.1 cm (28 inches).

For use with the 75-115 hp EFI FourStroke (s/n 1B366823 & above), 175-200 L4 Verado, V6 OptiMax, and 3.4 & 4.6L FourStrokes - Up to 600 HP dual Install with one Counter Rotation Engine. Also used on multiple 150 FourStrokes.

64-**892789Q25**

30 inches long with 1 inch of total adjustability. Outboard centerline spacing of 76.2 cm (30 inches).

For use with the 75-115 hp EFI FourStroke (s/n 1B366823 & above), 175-200 L4 Verado, V6 OptiMax, and 3.4 & 4.6L FourStrokes - Up to 600 HP dual Install with one Counter Rotation Engine. Also used on multiple 150 FourStrokes.

64-**892789Q26**

32 inches long with 1 inch of total adjustability. Outboard centerline spacing of 81.3 cm (32 inches).

For use with the 75-115 hp EFI FourStroke (s/n 1B366823 & above), 175-200 L4 Verado, V6 OptiMax, and 3.4 & 4.6L FourStrokes - Up to 600 HP dual Install with one Counter Rotation Engine. Also used on multiple 150 FourStrokes.

64-**892789Q27**

34 inches long with 1 inch of total adjustability. Outboard centerline spacing of 86.4 cm (34 inches).

For use with the 75-115 hp EFI FourStroke (s/n 1B366823 & above), 175-200 L4 Verado, V6 OptiMax, and 3.4 & 4.6L FourStrokes - Up to 600 HP dual Install with one Counter Rotation Engine. Also used on multiple 150 FourStrokes.

64-**892789Q24**

36 inches long with 1 inch of total adjustability. Outboard centerline spacing of 91.5 cm (36 inches).

For use with the 75-115 hp EFI FourStroke (s/n 1B366823 & above), 175-200 L4 Verado, V6 OptiMax, and 3.4 & 4.6L FourStrokes - Up to 600 HP dual Install with one Counter Rotation Engine. Also used on multiple 150 4 strokes.

TELEFLEX ROTARY STEERING CABLES

Will work with Non-NFB and NFB Rotary helms with quick connects.

REPLACEMENT CABLES



64-**851621A12**
12 ft. (3.7m)

64-**851621A14**
14 ft. (4.3m)

64-**851621A16**
16 ft. (4.9m)

64-**851621A18**
18 ft. (5.5m)

64-**851621A20**
20 ft. (6.1m)

TELEFLEX MECHANICAL STEERING HELMS

TELEFLEX BIG-T BEZEL KIT/MISC

BIG-T BEZEL KIT



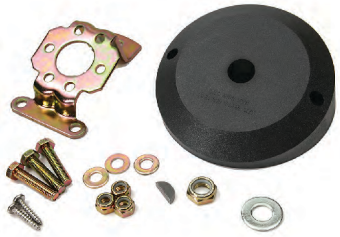
64-**809883A 1**
Big T bezel kit, 20/90 degree mount.

BEZEL 90 DEGREE



64-**826465**
Bezel, 90 degree, Safe-T QC.

BEZEL 20 DEGREE



64-**826464**
Bezel, 20 degrees, 4.2 rotary.

TELEFLEX NFB SEASTAR HYDRAULIC OUTBOARD STEERING

The most popular outboard hydraulic steering system offering smooth, super-efficient, no feedback steering designed for today's high performance hulls with single or multiple outboards up to 600 HP combined. SeaStar Steering systems are totally self-contained, non-power-assisted units that make steering a boat a truly enjoyable experience. Their super-efficient hydraulic operations produce an effect most people equate with "power steering". Although some dash modifications are required when you upgrade from a mechanical system, there are no pressure vessels or powers units to mount. 4.5 turns lock-to-lock. Packaged complete with helm, cylinder, hoses, fittings, oil, bleeder kit and detailed instruction sheet.

SEASTAR HELM STEERING PACKAGE



64-**826501A 1**
Front mount steering package, SeaStar helm

SEASTAR HELM BACK PLATE KIT



64-**826483A 1**
Allows SeaStar and SeaStar Pro helms retrofit into boats where the following helms were previously installed: SyTen, pre-1991 square SeaStar, or mechanical rotary steering. The kit also reduces helm protrusion by thickness of dash.

FRONT PIVOT MOUNT OUTBOARD CYLINDER



64-804378A 1

Front pivot mount Outboard cylinder kit
Outboard front pivot mount cylinder.

FRONT PIVOT MOUNT OUTBOARD CYLINDER



64-889457A01

Front pivot mount Outboard cylinder
Fits Mercury 225 EFI FourStroke outboard engine, model year 2002 and newer.

SEASTAR HOSE KIT



64-826513A14

2 hoses - 14 ft. (4.3m)
Also fits MCM sterndrives w/ CHS

64-826513A16

2 hoses - 16 ft. (4.9m)
Also fits MCM sterndrives w/ CHS

64-826513A18

2 hoses - 18 ft. (5.5m)
Also fits MCM sterndrives w/ CHS

64-826513A20

2 hoses - 20 ft. (6.1m)
Also fits MCM sterndrives w/ CHS

64-826513A22

2 hoses - 22 ft. (6.7m)
Also fits MCM sterndrives w/ CHS

64-826513A24

2 hoses - 24 ft. (7.3m)
Also fits MCM sterndrives w/ CHS

HOSE CONNECTION KIT



64-826497A 1

Connects 3/8 in. (9.5mm) diameter copper tubing to SeaStar Cylinders (using 3/8 in. (9.5 mm) diameter nylon tubing).

FRONT PIVOT MOUNT CYLINDER CHART

Front Pivot Mount Outboard Cylinder

See Teleflex application guide for additional Information

Brand	Year Range	Model	Front Pivot Mount O/B Cylinder
Honda	1996 - 2023	75-90 HP	64-804378A 1
Honda	1998 - 2023	30-50 HP	64-804378A 1
Johnson/Evinrude	1997 - 2023	65-175 HP	64-804378A 1
Johnson/Evinrude	1991 - 2023	200-225 HP	64-804378A 1
Johnson/Evinrude	1991 - 2023	250-300 HP	64-804378A 1
Johnson/Evinrude	1996 - 2023	90-225 HP Ficht	64-804378A 1
Johnson/Evinrude	1998 - 2023	65-70 HP 4-Stroke	64-804378A 1
Mercury/Mariner	1984 - 1994	2.4/2,5 EFI	64-804378A 1
Mercury/Mariner	1989 - 2023	75-300 HP	64-804378A 1
Mercury/Mariner	1998 - 2023	30-60 HP	64-804378A 1
Mercury	2002 - 2023	225 EFI FourStroke	64-889457A01
Nissan/Tohatsu	1990 - 2023	90-140 HP	64-804378A 1
Suzuki	1986 - 2023	100 HP	64-804378A 1
Suzuki	1986 - 2023	115-140 HP	64-804378A 1
Suzuki	1986 - 2023	150-225 HP	64-804378A 1
Suzuki	1998 - 2023	65-70 HP 4-Stroke	64-804378A 1
U S Marine/Force	1996 - 2023	90-120 HP	64-804378A 1
Yamaha	1997 - 2023	100-225 HP	64-804378A 1
Yamaha	1987 - 2023	225HP	64-804378A 1
Yamaha	1990 - 2023	250 HP	64-804378A 1
Yamaha	1998 - 2023	40-50-60 HP	64-804378A 1
Yamaha	1998 - 2023	70and 90 HP	64-804378A 1
Yamaha	1994 - 2023	80,100 HP 4-Stroke	64-804378A 1

UFLEX STEERING CYLINDERS, HELMS AND HOSES- MISC

HYDRAULIC HOSE - COMPRESSION STYLE FITTINGS



32-**8M0053483**

(14 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems. Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053484**

(16 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems. Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053485**

(18 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems. Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053486**

(20 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M01845338M0054145 Heavy Duty systems. Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053487**

(22 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems. Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053488**

(24 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems. Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053489**

(26 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 Basic Cylinders as well as the 8M0184533/8M0054145 Heavy Duty systems. Also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

32-**8M0053474**

(2 ft.) New high strength 1500 PSI hose with compression type fittings. Fittings are made of brass with a nickel plating for extra corrosion resistance.

Used with 8M0054993/8M0056619 "Basic" Cylinders as well as the 8M0184533/8M0054145 "Heavy Duty" systems, also match to helms 8M0050098/8M0050099 and 8M0056139 thru 8M0056144.

HYDRAULIC HELM PUMP -Q/S-TILT



64-**891666Q04**

Front Mount 2.4 (cu inch) displacement. Approximately 3 turns lock-to-lock singles and 6.5 on dual cylinders. Compact design and tilt range of 48 degrees and 5 locking positions. Built-in valve for positive rudder lock and integral relief valve for over pressure protection.

Hydraulic Steering for Verado 135 to 200-4 stroke engines. Also can be used on OptiMax with Mercury hydraulic cylinder and hoses.

VENTED HELM CAP-VCAP



64-**891667Q01**

Vented helm cap for use on Q/S helms 891665Q02 and 891666Q01.

NON VENTED CAP



19-**898432**

Required for dual station installations of steering system.

TELEFLEX NFB SEASTAR REPLACEMENT PARTS

STERNDRIVE ADD-A-STATION/AUTOPILOT KIT



64-**826496A 1**

Contains fittings for adding either a steering station or an autopilot system to an existing SeaStar stern drive steering system. Allows use of SeaStar nylon tubing (with SeaStar 1.7 helms only). Includes non-vented fill plug for helm at lower most station.

CYLINDER SEAL KIT



64-**826532A 1**

Replacement front seal for kit for SeaStar front mount cylinders (HC5340/HC5342/HC5365). Includes 2 seal glands, pin wrench and guide tool.

BOTTLE FILLER KIT



64-**826525A 1**

For filling and bleeding of the hydraulic system.

TELEFLEX NFB SEASTAR TIE BAR KITS

TIE BAR KIT



64-**826507A 2**

Includes the adapter plates, tie bar and hardware required to connect twin engines utilizing single or twin front mount outboard cylinder(s)

Fits Mercury/Mariner V-6 135-200 HP (1989), 75-250 HP (1990), 75-275 HP (1991 and newer) and Hi-Perf 2.4/2.5L EFI (1995 and newer).

TIE BAR KIT



64-**826512A 2**

Includes the adapter plates, tie bar and hardware required to connect twin engines utilizing single or twin front mount outboard cylinder(s)

Fits Mercury/Mariner 90-115 HP (1984), 115-220 (1985-1988), 100-115 (1989). Also fits Johnson/Evinrude 80-225 HP (1991 and newer)

TWIN ENGINE ADAPTER PLATE



64-**826511A 2**

Replacement adapter plate only. Used to connect twin engines utilizing single or twin front mount outboard cylinder(s)

Fits Mercury/Mariner V-6 135-200 HP (1989), 75-250 HP (1990), 75-275 HP (1991 and newer) and Hi-Perf 2.4/2.5L EFI (1995 and newer).

SEASTAR TIE BAR KIT CHART

Tie Bar Kits

For use with old style front mount outboard cylinder 64-826491A 1

Brand	Year Range	Model	Tie Bar Kit - Plate Only
Johnson/Evinrude	2023	90-300 HP	N.L.A.
Johnson/Evinrude	2023	300 HP	N.L.A.
Johnson/Evinrude	2023	65-155 HP	N.L.A.
Johnson/Evinrude	2023	100-155 HP	N.L.A.
Johnson/Evinrude	2023	90-225 HP	64-826512A 2
Johnson/Evinrude	2023	150-175 HP	64-826512A 2
Johnson/Evinrude	2023	80-105 HP	64-826512A 2
Mercury/Mariner	2023	90-115 HP	64-826512A 2
Mercury/Mariner	2023	115-220 HP	64-826512A 2
Mercury/Marine	2023	135-250 HP	64-826507A 2
Mercury/Mariner	2023	100-115 HP	64-826512A 2
Mercury/Marine	2023	75-250 HP	64-826507A 2
Mercury/Marine	2023	75-250 HP	64-826507A 2
Mercury/Marine	2023	2.4/2,5 EFI(Perf)	64-826507A 2
Suzuki	2023	150-225 HP	N.L.A.
Suzuki	2023	100HP	N.L.A.

RIDEGUIDE ATTACHING KITS

Through tilt tube type. When converting tiller handle steering to remote steering, the existing co-pilot friction control should be disabled or removed.

STEERING LINK ROD KIT



11606A 1

Starboard cable entry.

Fits Mercury/Mariner 6/8/9.9/15 hp. (2 cyl.) 2 cycle outboards (USA 0A197112 and Newer, BEL 9461526 and Newer), 8 hp. 4-Stroke outboards (232 cc) and 9.9 hp. 4-Stroke outboards (0H000058-0H016909).

STEERING ATTACHING KIT



19608A14

Starboard cable entry.

Fits various Mercury/Mariner 25 thru 60 hp. and Force 40/50 hp. outboards. See application chart for specific engine models.

STEERING ATTACHING KIT



19609A 6

Port cable entry.

Fits various Mercury/Mariner 25 thru 60 hp. and Force 40/50 hp. outboards. See application chart for specific engine models.

STEERING ATTACHING KIT



41323A03

For port or starboard entry.

Fits various Mercury/Mariner 8/9.9/15 hp. 4-Stroke (323 cc) and also fits the 20/25 2-cycle (1984 & newer) outboards.

Will also work as the port entry attaching kit for the Mercury/Mariner 8/9.9 hp. FourStroke (MY 2005 & newer) when used with the Ezy Glide stick steering system. Do not use this link rod with this engine when using the traditional rotary or rack steering systems.

STEERING LINK ROD KIT



92876A12

Link rod, screw, washers & nuts for use with a starboard entry attaching cable.

Fits Mercury/Mariner V-6 outboards USA 5464486 and above, Force 75-150 outboards 0E093700 and above, 75-115 FourStroke 1B366823 and above, and the 150 EFI FourStroke 1B905505 and above..

STEERING LINK ROD



889454A02

Furnished standard with the engine, this kit uses the same link rod as the standard 2-cycle V-6 outboard, however, the attaching hardware is different and makes them not interchangeable.

Fits the 225 EFI FourStroke outboard engine.

STEERING LINK ROD KIT



853824A04

Fits the Mercury/Mariner 15hp. FourStroke outboard, s/n 0R235949 & above and the 20hp. FourStroke outboard, s/n 0R235168 & above.

STEERING LINK ROD KIT



898101A45

This link rod fits a starboard entry, thru-tilt tube mechanical system.

Fits the 25-30 Hp EFI FourStroke outboard (JPN- 0R106999 & above, BEL-0P401000 & above).

STEERING LINK ROD



898101045

Fits the 25-30 Hp EFI FourStroke outboard, serial number 0R106999 & above.

STEERING BRACKETS

Used with RideGuide attaching kits to convert tiller handle models to remote steering. When converting tiller handle steering to remote steering, the existing co-pilot friction control should be disabled or removed.

STEERING BRACKET WITHOUT CARRYING HANDLE



816667A 2

Fits Mercury/Mariner 30/40 hp. (2 cylinder) 2 cycle outboards (USA 0G055314 and newer, BEL 9854537 and newer) and 25/30/40/45/50 hp. 4-Stroke outboards.

STEERING BRACKET



76535T

Converts manual tiller to remote steering.

Fits Mercury / Mariner 35/45 hp. manual outboards. See application chart for specific engine models.

BRACKET

Image not Available.

8M0086774

JPO Gen1 Trailer Bracket - service part

STEERING LINK ROD CHART

Steering Link Rod Attaching Kits

Model	Year Range	Model Notes	Country	Serial # Range	Stbd. Cable Entry Steering Link Rod Attaching Kit	Port Cable Entry Steering Link Rod Attaching Kit	Required Steering Bracket
8 FourStroke	2005 - 2023		JPN	0R042475 and up	17024A03	N/A(3)	N/A
8 FourStroke	2005 - 2023		BEL	0P325500 and up	17024A03	N/A(3)	N/A
9.9	1986 - 2023		USA	0A197112 and up	11606A 1	11606A 2	N/A
9.9	1986 - 2023		BEL	9461526 and up	11606A 1	11606A 2	N/A
9.9 FourStroke	2005 - 2023		JPN	0R042475 and up	17024A03	N/A(3)	N/A
9.9 FourStroke	2005 - 2023		BEL	0P325500 and up	17024A03	N/A(3)	N/A
15	1988 - 2023		USA	0B292414 and up	11606A 1	11606A 2	N/A
15	1988 - 2023		BEL	9542620 and up	11606A 1	11606A 2	N/A
15 FourStroke (Carb)	1998 - 2008	323 cc	USA	0G590000 and up	41323A03	41323A03	N/A
15 FourStroke	2008 - 2023		JPN	0R235949 and up	853824A04		898103138(2)
20 FourStroke	2008 - 2023		JPN	0R235168 and up	853824A04		898103138(2)
25 FourStroke (EFI)	2006 - 2023	Only manual start models require steering bracket	JPN	0R106999 and up	898101A45	N/A(4)	98-8M0127351(5)
25 FourStroke (EFI)	2006 - 2023	Only manual start models require steering bracket	BEL	0P401000 and up	898101A45	N/A(4)	98-8M0127351(5)
30 FourStroke (EFI)	2006 - 2023	Only manual start models require steering bracket	JPN	0R106999 and up	898101A45	N/A(4)	98-8M0127351(5)
30 FourStroke (EFI)	2006 - 2023	Only manual start models require steering bracket	BEL	0P401000 and up	898101A45	N/A(4)	98-8M0127351(5)
40 FourStroke (3 cylinder)	1999 - 2007	Only manual start models require steering bracket	USA	0T409000 - 1B344398	19608A14		893696(2)
40 FourStroke (3 cylinder)	2007 - 2023	Only manual start models require steering bracket	CHN	1C000001 and up	19608A14		893696(2)
40 FourStroke (4 cylinder)	2001 - 2007	BigFoot gearcase 996 cc.	USA	0T178500 - 1B344306	19608A14	19609A 6	816667A 2(2)
40 FourStroke (4 cylinder)	2001 - 2007	BigFoot gearcase 996 cc.	BEL	0P094500 and up	19608A14	19609A 6	816667A 2(2)
40 FourStroke (4 cylinder)	2007 - 2023		CHN	1C000001 and up	19608A14	19609A 6	816667A 2(2)
50 FourStroke (4 cylinder)	2001 - 2007	996 cc.	USA	0T178500 - 1B344306	19608A14	19609A 6	816667A 2(2)
50 FourStroke (4 cylinder)	2001 - 2023	996 cc.	BEL	0P094500 and up	19608A14	19609A 6	816667A 2(2)
50 FourStroke (4 cylinder)	2007 - 2023		CHN	1C000001 and up	19608A14	19609A 6	816667A 2(2)

Model	Year Range	Model Notes	Country	Serial # Range	Stbd. Cable Entry Steering Link Rod Attaching Kit	Port Cable Entry Steering Link Rod Attaching Kit	Required Steering Bracket
60 FourStroke	2001 - 2007	996 cc.	USA	0T178500 - 1B344306	19608A14	19609A 6	816667A 2(2)
60 FourStroke	2001 - 2023	996 cc.	BEL	0P094500 and up	19608A14	19609A 6	816667A 2(2)
60 FourStroke	2007 - 2023		CHN	1C000001 and up	19608A14	19609A 6	816667A 2(2)
75-115 FourStroke	2007 - 2023		USA	1B366823 and up	92876A12	N/A	N/A
75-115 FourStroke	2007 - 2023		BEL	0P401000 and up	92876A12	N/A	N/A
135 thru 275 (V-6)	1980 - 2023		USA	5464486 and up	92876A12	N/A	N/A
150 EFI FourStroke	2011 - 2023		USA	1B905505 and up	92876A12	N/A	N/A
135-200 Verado (4 cylinder)	2006 - 2023		USA	1B227001 and up	(6)		
200-300 Verado (6 cylinder)	2005 - 2023		USA	0T980000 and up	(7)		

(1) Bracket part number listed is without carrying handle.

(2) Bracket already furnished on remote models.

(3) When using port entry Ezy Glide stick steering, order attaching kit 41323A 2.

(4) When using port entry Ezy Glide stick steering, order attaching kit 899659A01.

(5) Steering bracket is part of the steering link rod attaching kit.

(6) Hydraulic Steering is standard.

(7) Power Steering is standard.

DUAL CABLE - SINGLE ENGINE ATTACHING KIT

Tension-compression only with both cables installed on the starboard side.

DUAL CABLE ATTACHING KIT



92876A 8

Fits Mercury / Mariner 70-300 HP outboards (1985 and Newer) and Force 90/120 HP outboards (1996 and Newer).

DUAL ENGINE TIE BAR KITS

Dual cables are required for installations of 80 HP (combined total of 160 HP) or higher.

TIE BAR EXTENSION



8M0026098

Standard Tie Bar Extension Coupler, 15 in. (381 mm). For clearance problems see optional extension couplers.

Fits Mercury/Mariner with standard cowling clearance. Outboard center line distance between 23-1/2 in. thru 27-1/2 in. (597 mm thru 699 mm).

TIE BAR EXTENSION



814951 4

Standard Tie Bar Extension Coupler, 18 in. (458 mm). For clearance problems see optional extension couplers.

Fits Mercury/Mariner with standard cowling clearance. Outboard center line distance between 26-1/2 in. thru 30-1/2 in. (673 mm thru 755 mm).

DUAL ENGINE TIE BAR



92876A 9

Includes 15 in. (381 mm) extension coupler. Adjusts from 22 in. (560 mm) to 26-1/2 in. (675 mm). See extension couplers for additional length.

Fits various Mercury/Mariner 70 thru 3.0 Litre outboards with two piece steering arms.

STEERING ARM EXTENSION KIT



17729A 1

Used with dual engine tie bar kits. Not designed for use with hydraulic or power steering systems or as a primary steering attachment point.

Fits Mercury/Mariner 70/75/80 hp. when installing a single cable-dual engine tie bar kit and included standard in a dual cable-dual engine tie bar kit.

CABLE SEAL KIT

SEAL KIT



19624A 1

Used in outboard applications.

Seals output end of tilt tube, helping to prevent corrosion of the RideGuide cable in a thru tube steering arrangement.

SEAL KIT

Image not Available.

8M0045604

Verado Cylinder seal kit

TRANSOM MOUNTED STEERING KITS

For single cable-single engine outboard applications.

OUTBOARD CABLE AND PULLEY ATTACHING KITS

STEERING CABLE ATTACHMENT



17024

Included with remote control attaching kit.

Fits Mercury/Mariner 4/5 hp. outboards (USA 0A855097 and Newer, BEL 9586000 and Newer).

STEERING ARM BRACKET



96186A 2

Used along with cable & pulley attaching kit.

Fits Mercury / Mariner 20/25(2 cyl.) outboards.

STEERING BRACKET



76535T

Converts manual tiller to remote steering.

Fits Mercury / Mariner 35/45 hp. manual outboards. See application chart for specific engine models.

MERCRUISER POWER STEERING KITS

P/S CYLINDER ASSEMBLY



8M0149869

Power Steering Cylinder Assembly.

Fits 1983 to 1993 R/MR/Alpha One/Gen II & Bravo models

POWER STEERING CYLINDER ASSEMBLY



8M0146217

Fits 1994 and newer Alpha One Gen II & Bravo models

P/S PUMP AND COOLER KIT



861481A 2

Power Steering Pump and Cooler Kit. For complete installation, order DHB power steering cylinder 8M0063382 separately.

Fits 1995 and newer 3.0L/LX (S/N 0F353100 and up)

MERCRUISER DUAL ENGINE TIE BAR KITS

DUAL ENGINE TIE BAR KIT



92020A 2

Used with power steering cylinder mounted on the starboard transom plate. Adjusts from 30 in.(762 mm) to 46 in.(1168 mm)

Fits 1983 and newer R/MR/Alpha One/Gen II and Bravo models, except D7.3L diesel.

92020A 3

Used with power steering cylinder mounted on the starboard transom plate. Adjusts from 46 in. (1168 mm) to 62 in. (1575 mm).

Fits 1983 and newer R/MR/Alpha One/Gen II and Bravo models, except D7.3L diesel.

DUAL ENGINE TIE BAR KIT



96708A 4

Used with power steering cylinder mounted on the port transom plate. Adjusts from 29 in. (737 mm) to 37-1/2 in. (952 mm).

Fits 1983 and newer R/MR/Alpha One/Gen II and Bravo models, except D7.3L diesel.

JET DRIVE 135 & 270 DEG. STEERING SYSTEM

The 135 degree system allows 135 degrees rotation of the steering wheel (3/8 turn lock to lock). The 270 degree system allows 270 degrees rotation of the steering wheel (3/4 turn lock to lock). Order helm, bezel, and steering cable separately. If the size required is not listed, use the next largest size.

STEERING HELM



809486

135 Degree Steering Helm.

Fits all Sport Jet models, except V-6 models.

STEERING HELM



850699

270 Degree Steering Helm.

Fits all Jet Drive models

TILT STEERING HELM



64-**879686**

270 Degree Steering Helm.

Fits all Jet Drive models

BEZEL KIT



809485

Fits all Jet Drive models

STEERING CABLE



64-835457A11

11 ft.(3.4 m) 60 series cable with 5/16-24 end threads. Includes steering cable bellows kit.

Fits all Jet Drive models.

64-835457A13

13 ft.(4.0 m) 60 series cable with 5/16-24 end threads. Includes steering cable bellows kit.

Fits all Jet Drive models.

64-835457A15

15 ft.(4.6 m) 60 series cable with 5/16-24 end threads. Includes steering cable bellows kit.

Fits all Jet Drive models.

64-835457A17

17 ft.(5.2 m) 60 series cable with 5/16-24 end threads. Includes steering cable bellows kit.

Fits all Jet Drive models.

64-835457A19

19 ft.(5.8 m) 60 series cable with 5/16-24 end threads. Includes steering cable bellows kit.

Fits all Jet Drive models.

64-835457A21

21 ft.(6.4 m) 60 series cable with 5/16-24 end threads. Includes steering cable bellows kit.

Fits all Jet Drive models.

64-835457A23

23 ft.(7.0 m) 60 series cable with 5/16-24 end threads. Includes steering cable bellows kit.

Fits all Jet Drive models.

STEERING CABLE BELLOWS



877581A 4

Installs on cable outside of transom

Fits Jet Drive models with 270 Degree system and 60 series cables

JET DRIVE 540 DEG. STEERING SYSTEM

Allows 540 degrees rotation of the steering wheel (1-1/2 turns lock to lock). Includes helm and steering cable. If the size required is not listed, use the next largest size.

JET DRIVE STEERING CABLE ROD END

STEERING ROD END



883053A 1

For 135 & 540 deg. steering systems. 5/16 in. (7.9 mm)

Fits Sport Jet models with 60 series cables

STEERING CABLE BULKHEAD FITTINGS/ BELLOWS KITS

Hardware used to complete Sport Jet installations. Use either bulkhead fittings or bellows kit. Not for use together.

BULKHEAD COMPRESSION FITTINGS



820675

Fits Sport-Jet 90/95/120 and 175 with 40 series cables. Also fits 200 OptiMax, 210 & 240 EFI Jet Drives.

BULKHEAD BELLOWS KIT



850005A 2

For 135 & 270 deg. steering systems and 60 series cables.

Fits Jet Drive models with 60 series cables

BULKHEAD BELLOWS KIT



850697A 2

Fits Jet Drive models with 40 series cables

K PLANES (TRIM TABS)

MECHANICAL TRIM POSITION INDICATORS 1 POINTER

Cables not included with indicator kits. Order 897979A___ .

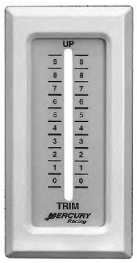
TRIM POSITION INDICATOR



848445A 1

1 pointer. Top cable entry. Gray faceplate and black bezel.
Fits single sterndrive.

TRIM POSITION INDICATOR



848445A 6

1 pointer. Top cable entry. White faceplate and bezel.
Fits single sterndrive.

MECHANICAL TRIM POSITION INDICATORS 2 POINTER

Cables not included with indicator kits. Order 897979A___.

MECHANICAL TRIM POSITION INDICATORS 3 POINTER

Cables not included with indicator kits. Order 897979A__ cables to proper length.

MECHANICAL TRIM POSITION INDICATORS 4 POINTER

Cables not included with indicator kits. Order 897979A___.

TRIM POSITION INDICATOR



845983A 1

4 pointer. Bottom cable entry. Gray faceplate and black bezel.
Fits twin MCM sterndrives and twin trim tabs.

MECHANICAL TRIM POSITION INDICATORS 5 POINTER

Cables not included with indicator kits. Order F5H208/__ cables or 64-820676A__ cables to proper length.

MECHANICAL TRIM POSITION INDICATOR CHART

Trim Position Indicators

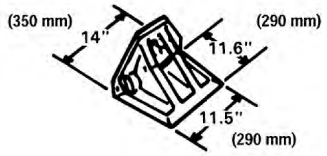
Model	Model Note	Black Bezel Gray Faceplate Bottom Cable Entry	White Bezel White Faceplate Bottom Cable Entry	Black Bezel Gray Faceplate Top Cable Entry	White Bezel White Faceplate Top Cable Entry
1 pointer	1 sterndrive or 1 paralift		N.L.A.	848445A 1	848445A 6
2 pointer	2 MCM Alpha - V SSM sterndrives or 2 trim tabs		N.L.A.	N.L.A.	N.L.A.
2 pointer	2 MCM VI - VII SSM sterndrives or 2 trim tabs	N.L.A.	N.L.A.		N.L.A.
3 pointer	3 MCM Alpha - V SSM sterndrives	N.L.A.	N.L.A.		N.L.A.
3 pointer	3 MCM VI - VII SSM sterndrives or 1 MCM sterndrive		N.L.A.	N.L.A.	N.L.A.

Model	Model Note	Black Bezel Gray Faceplate Bottom Cable Entry	White Bezel White Faceplate Bottom Cable Entry	Black Bezel Gray Faceplate Top Cable Entry	White Bezel White Faceplate Top Cable Entry
4 pointer	2 MCM Alpha - V SSM sterndrives and 2 trim tabs	844945A 1	N.L.A.	844944A 1	N.L.A.
4 pointer	2 MCM VI - VII SSM sterndrives and 2 trim tabs or	845983A 1	N.L.A.	N.L.A.	N.L.A.
5 pointer	3 MCM Alpha - V SSM sterndrives and 2 trim tabs	845457A 1	845457A 6	N.L.A.	N.L.A.
5 pointer	3 MCM VI - VII SSM sterndrives and 2 trim tabs or	N.L.A.	N.L.A.	N.L.A.	N.L.A.

SPORT K-PLANES

Each kit contains two K-Planes, two electric/hydraulic pumps, hydraulic cylinders, two harnesses, mounting hardware, installation instructions, drilling and mounting templates. Hoses need to be ordered separately.

SPORT K-PLANES



841944A02

Model 150S, assembly with digital trim position sender. To be used with VesselView-Race Edition or Mercury Racing sterndrive engines with 892486K05 (Vessel Analog Gauge Interface) to convert system link data to drive standard analog gauges. For all other applications use optional analog gauge driver P/N 884359A03 to drive two standard analog gauges.

For 21 ft. (6.4 m) to 30 ft. (9.1 m) boats.

SPORT K-PLANES



842768A05

Model 280S, assembly with digital trim position sender. To be used with VesselView-Race Edition or Mercury Racing sterndrive engines with 892486K05 (Vessel Analog Gauge Interface) to convert system link data to drive standard analog gauges. For all other applications use optional analog gauge driver P/N 884359A03 to drive two standard analog gauges.

For 31 ft. (9.4 m) to 40 ft. (12.2 m) boats.

SPORT K-PLANES



841945A02

Model 380S, assembly with digital trim position sender. To be used with VesselView-Race Edition or Mercury Racing sterndrive engines with 892486K05 (Vessel Analog Gauge Interface) to convert system link data to drive standard analog gauges. For all other applications use optional gauge driver P/N 884359A03 to drive two standard analog gauges.

For 31 ft. (9.4 m) to 40 ft. (12.2 m) boats.

HYDRAULIC PUMP



8M0083288

Standard pump for use with Sport K-Planes.

K-PLANES SPORT COLOR OPTION

Custom color K-Planes offered in 12 optional colors to match your custom colored Mercury Racing sterndrive engine package. Not available on 150S models. Please call Mercury Racing Sales at 866-637-2234 to place your custom order.

280S K-PLANE COLOR



8M0114911

Custom color K-Planes offered in 12 optional colors to match your custom colored Mercury Racing sterndrive engine package. Not available on 150S models. Please call Mercury Racing Sales at 866-637-2234 to place your custom order.

380S K-PLANE COLOR



8M0114912

Custom color K-Planes offered in 12 optional colors to match your custom colored Mercury Racing sterndrive engine package. Not available on 150S models. Please call Mercury Racing Sales at 866-637-2234 to place your custom order.

COMPETITION K-PLANES

Each kit contains two K-Planes, two electric/hydraulic pumps, competition stainless steel hydraulic cylinders, two harnesses, mounting hardware, installation instructions, drilling and mounting templates. Hoses need to be ordered separately.

HYDRAULIC PUMP



846860T 1

Heavy-duty pump for use with Competition K-Planes.

ACTUATOR KITS

ACTUATOR KIT



845532A 1

Stainless steel cable grip

Fits old style K-Logo, K-Planes.

ACTUATOR KIT



845630A 1

Plastic cable grip

Fits old style K-Logo, K-Planes.

ACTUATOR KIT



845630A02

Plastic Grip

Fits new style M-Logo, K-Planes.

ACTUATOR KIT



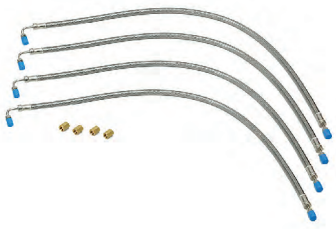
845532A02

Stainless Steel grip

Fits new style M-Logo, K-Planes.

K-PLANES HOSE KITS

K-PLANES HOSE KIT



32-**843556A 1**

30 inch K-Planes hose kit. Set of 4 hoses with unions in each kit.

32-**843675A 1**

60 inch K-Planes hose kit. Set of 4 hoses with unions in each kit.

HOSES FOR K-PLANES

Each K-Plane requires four hoses. Priced and sold separately.

K-PLANE HOSE - 30 INCH



32-**845976**

30 in. (76 cm) long

K-PLANE HOSE - 60 INCH



32-**845977**

60 in. (152 cm) long

K-PLANE HOSE - 96 INCH



32-**846051**

96 in. (244 cm) long

K-PLANE HOSE - 115 INCH



32-**848789**

115 in. (292 cm) long

INSTALLATION SPECIFICATIONS AND TOOLS

INSTALLATION AIDS

14 PIN BRACKET



8M0076435

Rigging aid for 14 pin data cable. Rounded edges and anti-rotation.

BOAT HARNESS ADAPTER



84-**898285T01**

Needed in order to adapt newer engines that are equipped with a female 6-pin connector to a 6-pin female boat harness.

DUAL STATION RIG HARNESS



91-**8M0119480**

Kit contains one harness and two weather caps.

Used to temporarily rig a second station so the vessel can be operated while the second station is not installed (shipping, rigging installation, short term rework, etc.). Not compatible with sf2 next gen DTS.

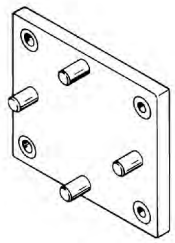
TOOL KIT-DIAG G3

Image not Available.

91-**8M0168921**

Full kit with license, harnesses, and kvaser cable.

CONTROL DRILLING FIXTURE

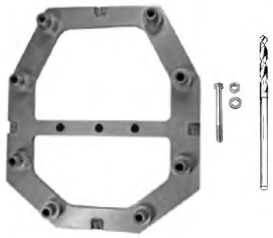


91-**828363A 1**

Used to help drill the holes for side mount control and panel mount control mounting bolts.

For use with the Commander 2000 side mount and the Commander 3000 panel mount controls.

TRANSOM DRILL FIXTURE KIT



91-**866590A02**

Used to help drill the holes for the MerCruiser transom plate mounting bolts.

For MCM 1.6L Vazer models.

DRILL FIXTURE KIT

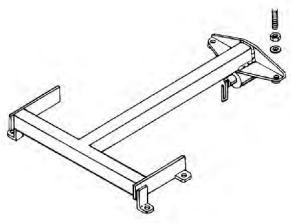


91- **43693A 2**

Used to help drill the holes for the MerCruiser transom plate mounting bolts.

For MCM 3.0L to 350 Magnum (Alpha One), Bravo One, Two, Three and Blackhawk models.

ENGINE MOUNTING FIXTURE



91-**806794A02**

Gasoline engine mount installation tool fixture.

MerCruiser gasoline engines, except Vazer engines.

91-**807903A 1**

Diesel engine mount installation tool fixture.

MerCruiser 2.8 ES (s/n 88010499 and below), D3.0 L, D3.6 L; D4.2 MS / ES (s/n 88020199 and below)

ENGINE MOUNTING FIXTURE



91-**8M0114831**

Primary mount assembly. To be used in conjunction with Mount Fixture 22.5 in. (571 mm) p/n 8M0114832 and/or Mount Fixture 25.2 in. (640 mm) p/n 8M0114833.

For use with all Mercury high speed diesel engines.

ENGINE MOUNTING FIXTURE



91-**8M0114832**

Fixture mount assembly. To be used in conjunction with Primary Mount Assembly p/n 8M0114831.

For use with all Mercury high speed diesel engines, except the V8 TDI

ENGINE MOUNTING FIXTURE



91-**8M0114833**

Fixture mount assembly. To be used in conjunction with Primary Mount Assembly p/n 8M0114831.

For use with Mercury high speed V8 TDI diesel engines

TRIM HARNESS INSTALLATION TOOL

Image not Available.

91-**8M0147078**

Provides both battery and clean power to allow power tilt operation during outboard rigging.

For FourStroke V6 and V8

ALIGNMENT SHAFT TOOL



91-**805475A 1**

Used to align the engine to the standard Bravo transom assembly for sterndrive installation.

For MerCruiser drives, except Vazer drives.

ALIGNMENT SHAFT



91-**8M0125730**

For MerCruiser drives used with the 4.2L TDI engines

ALIGNMENT SHAFT

Image not Available.

91-**8M0114829**

For MerCruiser 4.2L TDI engines with ITS transoms

ALIGNMENT SHAFT



91-**8M2001017**

Aids in aligning the engine to the transom assembly for sterndrive installation.

Works with Vazer, Alpha and Bravo sterndrives.

PRELIMINARY SHIFT ADJUSTMENT TOOL



91- **12427T**

Attaches over the shift cable and aids in proper shift cable adjustment at the shift plate.

For MCM Bravo One and Bravo Two models.

LIFTING EYE - ZEUS POD



10-**8M0080049**

Attaches to transmission.

For installation or removal of the Zeus Transmissions.

OUTBOARD ENGINE LIFTING EYE



91- **90455 1**

Threads into the flywheel to remove the power head assembly from the driveshaft housing, or to lift entire engine for removal/installation.

Fits most 2 cycle Mercury/Mariner Outboards from the 30/40 (2 cylinder) on up.

LIFTING EYE/FLYWHEEL PULLER



91-**895343T02**

A combination tool utilized for both lifting the engine and for pulling the flywheel.

Fits the 75-115 hp. FourStroke outboards (s/n 1B366823 and above), 135-400 hp. Verado outboards, and the F150 EFI FourStroke outboard. Verado 400R outboard.

ALIGNMENT TOOL

Image not Available.

91-**8M0180314**

New V12 dual prop shaft alignment tool. Multiple engine applications. Must order minimum quantity of 2.

DRIVE ALIGNMENT TOOL



91-**8M0029055**

Used with Axius, Zeus, JPS and MerCruiser electric steering to align the drives with the boat. Two pieces required for alignment. Also compatible with Bravo 3 tiebar.

TOOL- DRIVE ALIGNMENT

Image not Available.

91-**8M0169135**

Outboard 1" and 1.2" prop shaft alignment tool for multiple engine applications. Must order minimum quantity 2.

TOOL- SERVICE HARNESS

Image not Available.

91-**892333**

Service Harness

LICENSE KEY-G3

Image not Available.

8M0191800

License key- G3

GEARCASE HEIGHT TOOL KIT

Image not Available.

91-**8M0130705**

Engine and gearcase height measurement tool.
Measures engine (gearcase) height in reference to the boat bottom.

All engine gearcase types.

LIFTING STRAP



91-**883705T01**

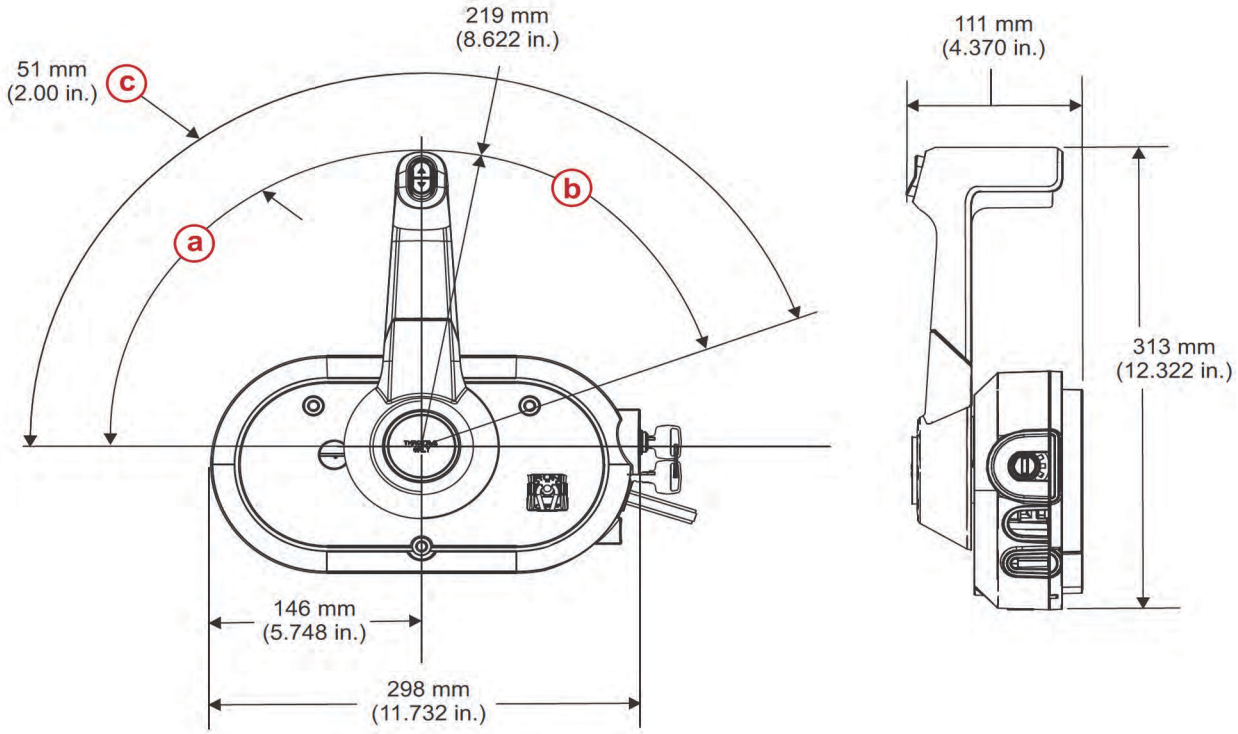
GW Lifting strap v6/v8

An engine lifting strap for handling of the 225 EFI and the "NEW" V6 (3.4L) and V8 (4.6L) FourStroke outboards.

MSC 4500 SIDE MOUNT CONTROL SCHEMATIC

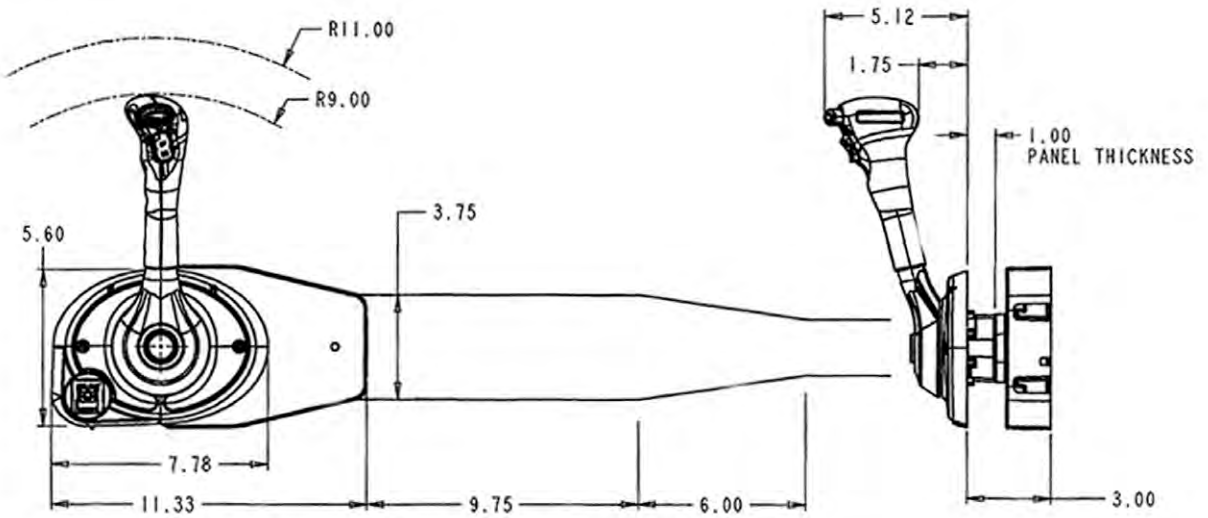
Required mounting clearances:
The remote control must be mounted on a hard, flat vertical surface no less than 6.3 mm (1/4 in.) thick.

a) 90 degree forward rotation from center of handle
b) 70 degree reverse rotation from center of handle
c) Hand clearance



MPC 4000 PANEL MOUNT CONTROLS (TRIM/NON-TRIM)

Required mounting clearances for 858690A 1, 2, 3.



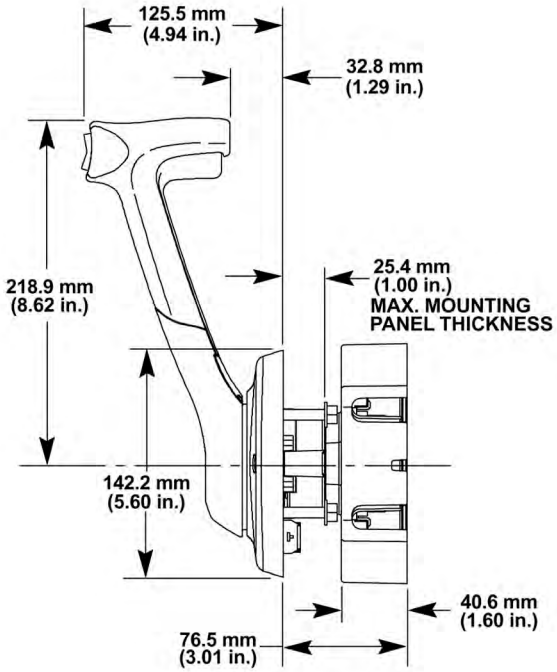
MPC 4000 GEN II PANEL MOUNT-LOCK BAR DESIGN

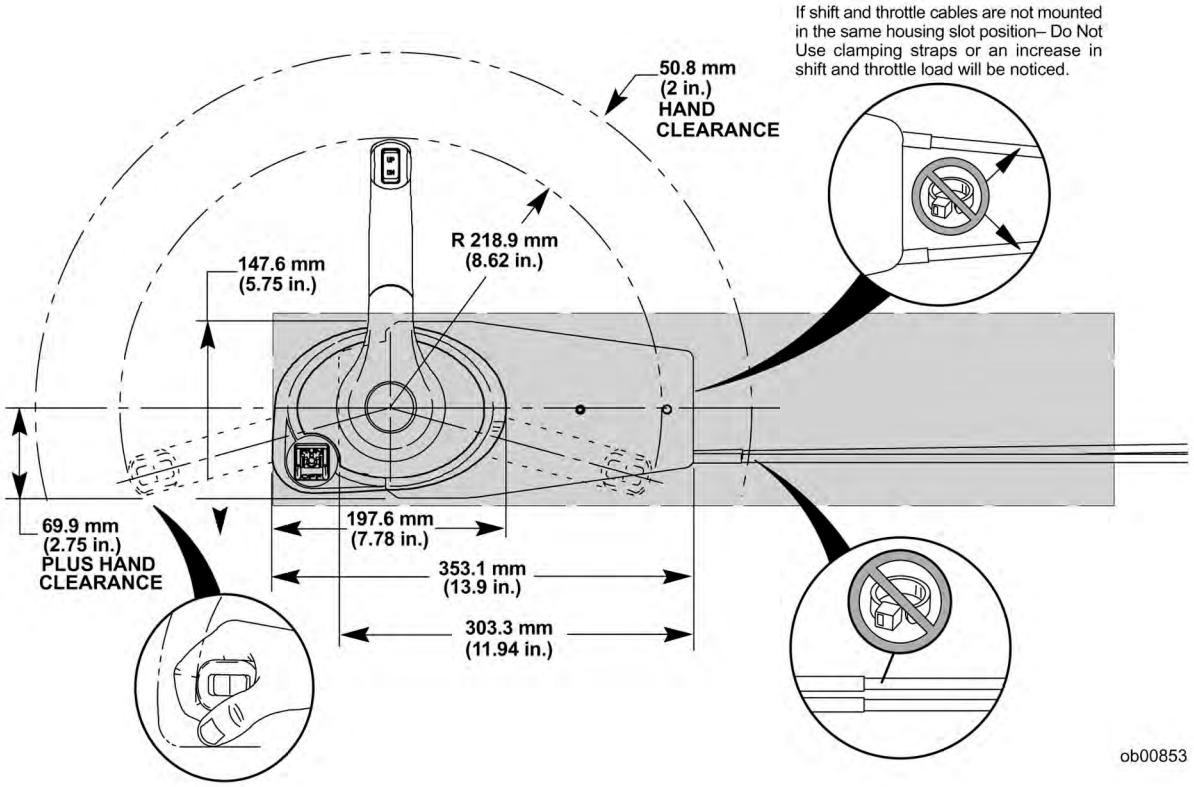
(Trim/Non-Trim)
_Required mounting clearances for 883710A__ series controls

Mechanical Panel Control (Trim/Non-Trim)

IMPORTANT: Ensure that the remote control has adequate clearance and does not contact other components. The cable path should be free of obstructions. See shaded area.

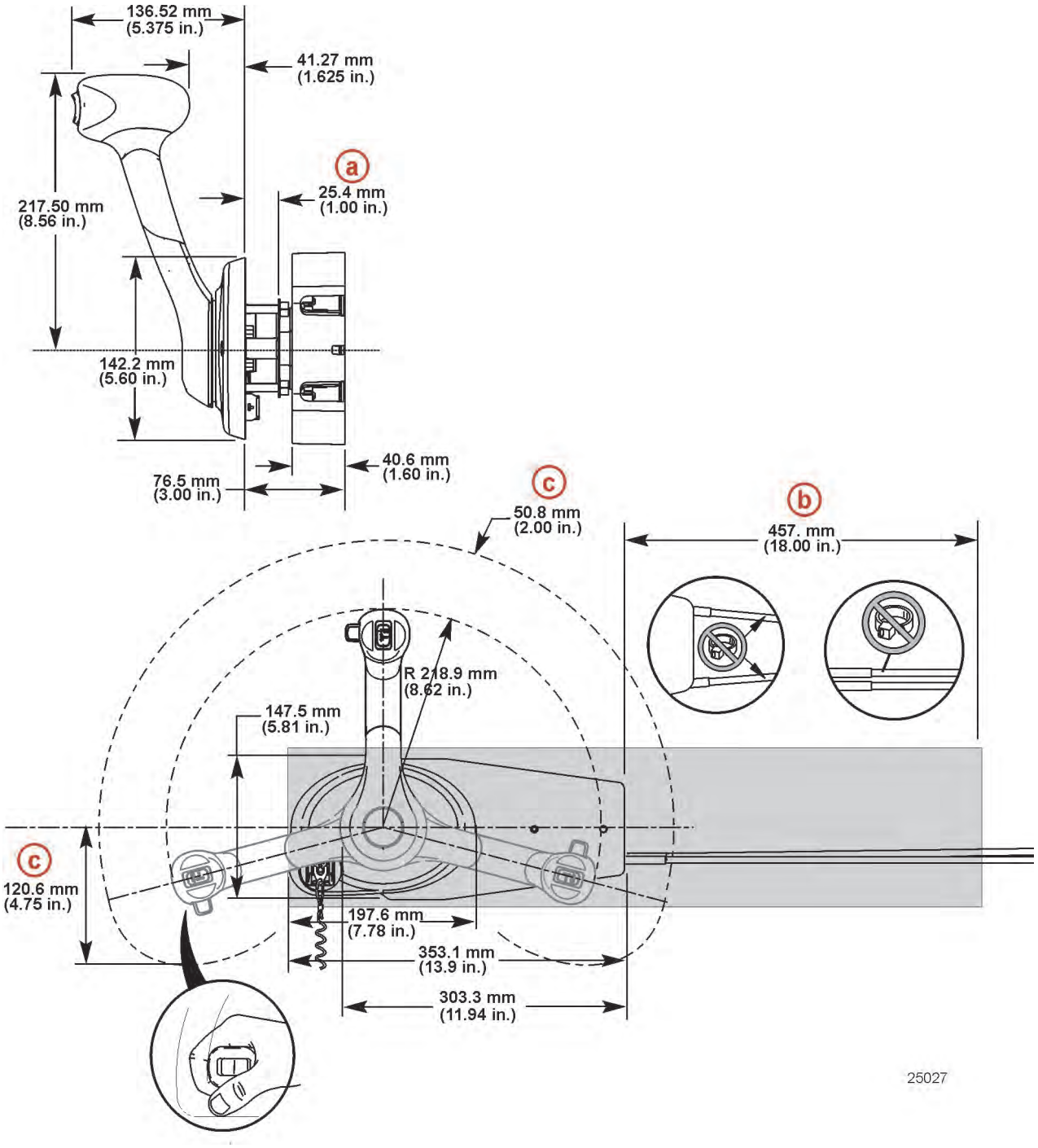
IMPORTANT: The minimum bend radius of the remote control cable is 305 mm (12 in.). For optimum performance, plan a cable route that does not require bends smaller than the minimum. A bend radius less than the minimum creates cable friction and may reduce cable life.





MPC 4000 GEN II PANEL MOUNT-LOCK BAR FINGER RELEASE DESIGN

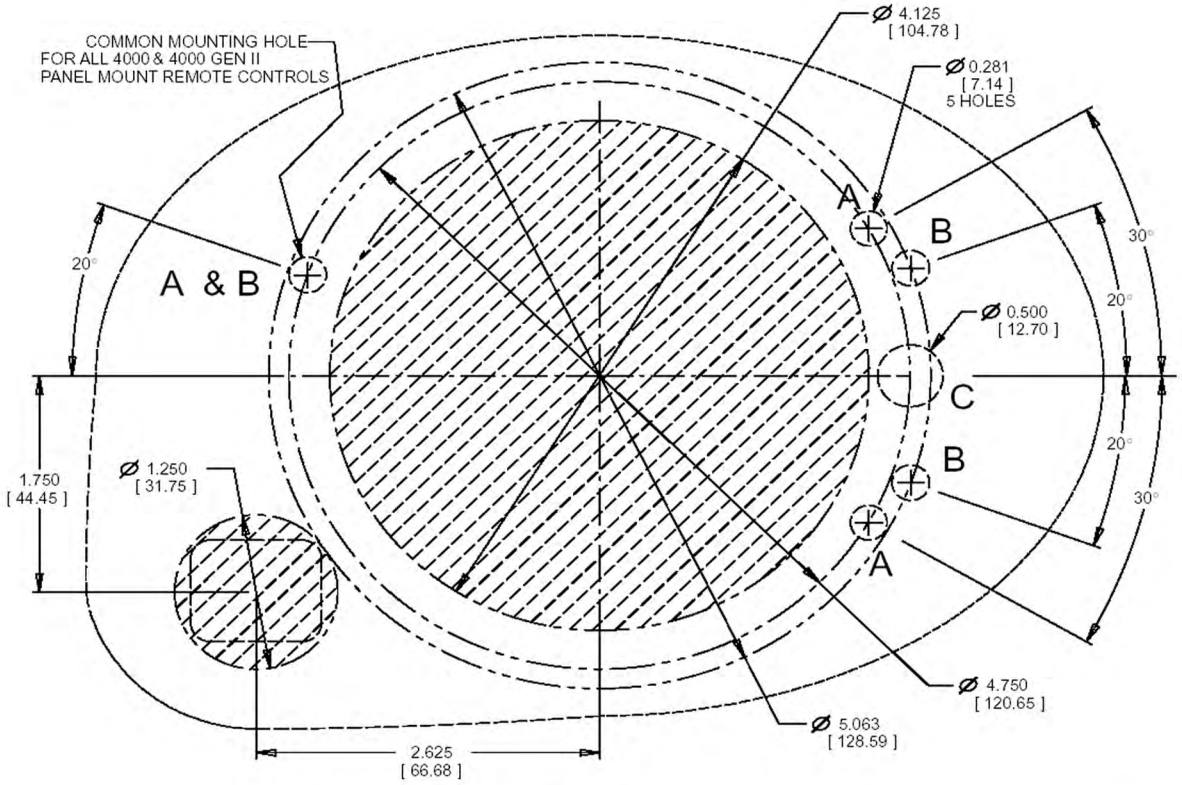
(Trim/Non-Trim)
_Required mounting clearances for series controls - Common to 883710A__ series Lock Bar



MPC 4000/4000 GEN II-PANEL MOUNT CUTOUT TEMPLATE

Template is combined 4000 control and 4000 Gen II control.

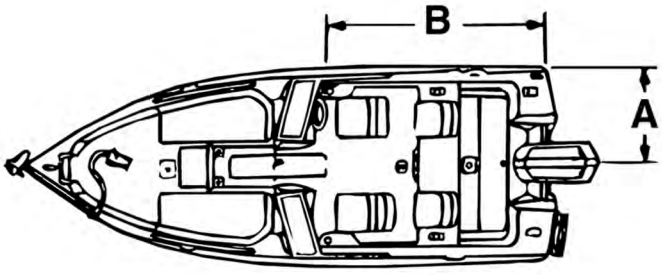
A = HOLES REQUIRED FOR MOUNTING 4000 SERIES MPC. MDL #'S: 858690–A01 THRU A11 & 883709–A01 THRU A03
B = HOLES REQUIRED FOR MOUNTING 4000 GEN II MPC. MDL #'S: 883710–A01 THRU A03
C = HOLE REQUIRED FOR THROTTLE FRICTION ACCESS, 4000 SERIES MPC. MDL #'S: 858690–A01 THRU A11



Size not to scale- refer instruction sheet included in control for correct template

MEASURING OUTBOARD THROTTLE/SHIFT CABLES

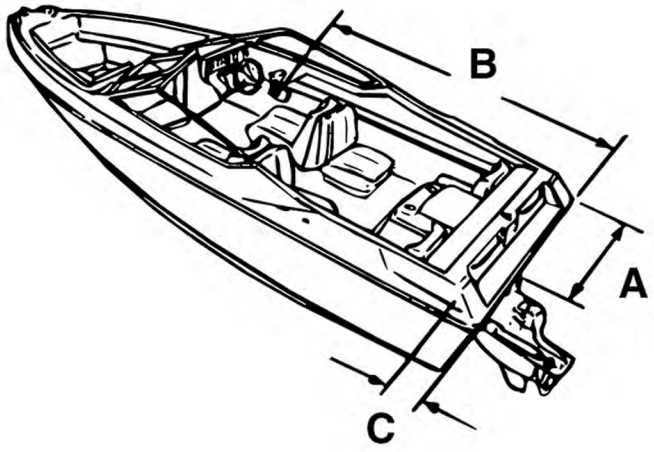
Boats with side mount controls.



1. Add boat measurements A-B in inches (mm) and add 18 in. (457 mm) to the total. Dimension B represents the distance from the remote control location measured along the gunwale to the transom.
2. In dual engine installations, dimension A is measured from the gunwale to each engine center-line.
3. Divide by 12 in. (304 mm).
4. This is the length of the throttle and shift cables in feet (meters).
5. For left hand (Port) remote control installation, use the same measuring procedure following routing along the opposite side of the boat.

MEASURING MERCRUISER THROTTLE/SHIFT CABLES

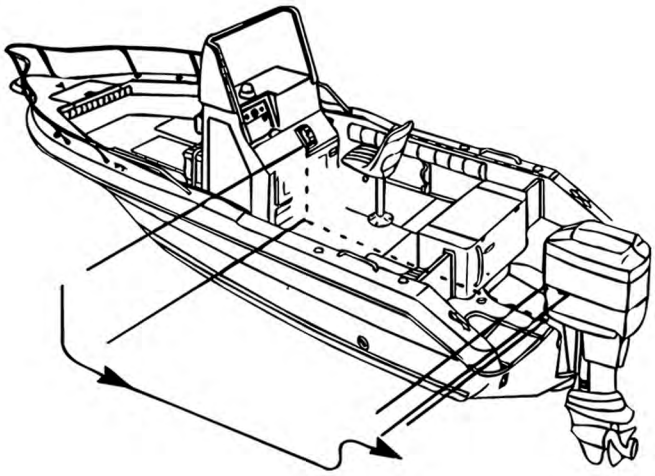
Boats with side mount controls.



1. Add A-B-C in inches (mm). Dimension B represents the distance from the remote control location measured along the gunwale to the transom. The C dimension represents distance from the transom, forward to the throttle/shift attaching point.
2. In dual engine installations, dimension A is measured from gunwale to each engine center-line.
3. Divide by 12 in. (304 mm).
4. This is the length of the throttle and shift cables in feet (meters).
5. For left hand (Port) remote control installation, use the same measuring procedure following routing along the opposite side of the boat.

MEASURING CONSOLE CONTROL THROTTLE/SHIFT CABLES

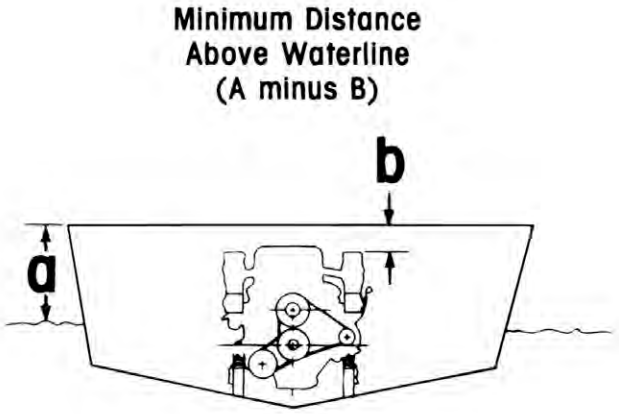
Boats with either Outboard or MerCruiser applications.



1. When measuring cable length for a console mount remote control, measure along the actual selected cable routing path and add 18 inches (457 mm) to the total.
2. Divide by 12 inches (304 mm).
3. This is the length of the throttle or shift cables in feet (meters).

MEASURING FOR EXHAUST RISERS

The exhaust elbows must be located a sufficient distance above the waterline (at rest with maximum load) to prevent water from entering cylinders through the exhaust system. Available in both 3 in. (76 mm) or 6 in. (152 mm) sizes, risers may be selected using the required minimum distance chart found in the appropriate engine installation manual.



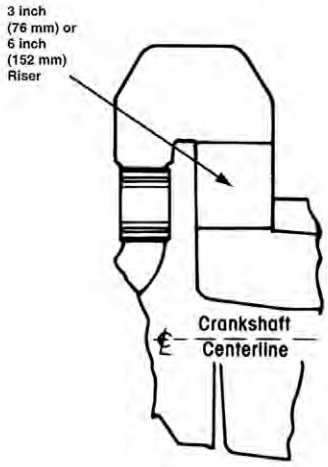


TABLE OF CONTENTS

Step 1 - Select Hardware Quicksilver . . . 653

Step 2 - Select Propeller Quicksilver . . . 654

Step 1 - Select Hardware Mercury 655

Step 2 - Select Propeller Mercury 656

Propeller Material and Blade Facts 657

Mercury Propeller Application Charts . . 658

Mercury MerCruiser Application Charts . . 664
Mercury Outboard Application Charts . . . 658
Mercury Zeus Application Charts 666
Non-Mercury Engine Application Charts . . 667

Propeller Selecting Tools 671

Mercury Propeller Rigging Chart 672

Bass: 115 - 250 HP 687
Freshwater Fish / Runabout / Fish and Ski / Mod V / V Bottom: 60 - 400 HP 672
Offshore / Bay / Flats Center Console: 40 - 350 HP 690
Tri / Pontoon: 40 - 350 HP 678

Mercury Propeller Type - Aluminum 700

Black Diamond 25 - 30 HP (2022 and newer with 2.17:1 gear ratio) 705
Black Max 703
Black Max 2.5 - 3.5 HP 703
Black Max 25 - 30 HP FourStroke 704
Black Max 25 CT - 60 HP 705
Black Max 40 CT - 125 HP 705
Black Max 4 - 6 HP 703
Black Max 6 - 15 HP 703
Black Max 8 - 9.9 HP FourStroke 704
Black Max 9.9 BF - 25 HP 704
Black Max 9.9 CT - 20 HP FourStroke 704
Black Max 90 CT - 300 HP, Alpha/Bravo I Sterndrive 706
Bravo Two - Aluminum 706
Composite 701
Mercury Outboard Propeller Selector Chart 700
Mercury Propeller Selector 700
Mercury SternDrive Propeller Selector Chart 701
SpitFire 702
SpitFire 25 - 30 HP 702
SpitFire 25 CT - 60 HP 702
SpitFire 40 CT - 125 HP 702
SpitFire 90 CT - 300 HP, Alpha/Bravo I Sterndrive 703

Mercury Propeller Type - Stainless Steel 708

Bravo Four S 718
Bravo I 90 CT - 400 HP 713
Bravo Three 718
Bravo Three Diesel 719
Bravo Two - Stainless Steel 717
Enertia 90 CT - 400 HP 710
Enertia ECO 90 CT - 400 HP 711
Flo -Torq X Hub Kit 712
Fury 4 90 CT - 400 HP 713
Fury 90 CT - 400 HP 712
HighFive 90 CT - 400 HP 715
Maximus 90 CT - 400 HP 713
Mercury Stainless Steel Propeller Cross Reference Chart 709
Mirage Plus 90 CT - 400 HP 715
M - Series Propeller 720
Revolution 4 90 CT - 400 HP 711
Revolution X - Mercury V10 Outboard 712
Spitfire X7 40 CT - 125 HP 714
SSR Hub Kit Selector 708
Tempest Plus 90 CT - 400 HP 714
Trophy Plus 40 CT - 225 HP 714
Trophy Sport 30 - 60 HP 715
Vengeance 716
Vengeance 25 - 30 HP FS 716
Vengeance 25 BF - 60 HP 716
Vengeance 40 CT - 125 HP 716

Vengeance 90 CT - 300 HP 716
Verado12 500 - 600 HP 717
Z - Series Propeller 719

Mercury Racing Propeller Type 721

Bravo I FS Pro Finished 724
Bravo I Lab Finished 728
Bravo I LT Pro Finished 722
Bravo I OC Lab Finished 728
Bravo I XC Pro Finished 724
Bravo I XS Pro Finished 723
Bravo Three XR Pro Finished 734
Chopper II - Mercury 30 (U.S. Origin) and 40 - 60 HP 721
Cleaver 40 - 60 HP 721
CNC Cleaver 5 Blade 12 Degree Rake Lab Finished 738
CNC Cleaver 5 Blade 15 Degree Rake Lab Finished 738
CNC Cleaver 5 Blade 18 Degree Rake Lab Finished 738
CNC Cleaver 5 Blade 21 Degree Rake Lab Finished 738
CNC Cleaver 6 Blade 15 Degree Rake Lab Finished 738
CNC Cleaver 6 Blade 18 Degree Rake Lab Finished 738
CNC Cleaver 6 Blade 21 Degree Rake Lab Finished 739
CNC Outboard Cleaver 400 HP 15 Degree Rake 734
CNC Outboard Cleaver 500 HP 15 Degree Rake 735
CNC Outboard Cleaver 500 HP 18 Degree Rake 736
Enertia ECO XP 726
Lightning E.T. 721
MAX 5 Lab Finished 729
MAX 5 ST Lab Finished 731
Maximus Long Tube Lab Finished 732
Maximus Short Tube Lab Finished 733
Pro Max Propeller 722
Revolution 4 Lab Finished 726
Revolution 4 Satin Lab Finished 727
Revolution 4 XP 725
Spitfire XP 721

Mercury Racing Propeller Charts 740

Bravo I - 4 Blade SS Lab Finished 743
Bravo I FS Pro Finished 741
Bravo I LT Pro Finished 741
Bravo I OC Lab Finished 743
Bravo I XC Pro Finished 741
Bravo I XS Pro Finished 741
Bravo Three XR Pro Finished 745
CNC Cleaver 5 Blade 15 Degree Rake Polished Lab Finished Sterndrive Propeller . . .746
CNC Cleaver 5 Blade 18 Degree Rake Polished Lab Finished Sterndrive Propeller . . .754
CNC Cleaver 5 Blade 21 Degree Rake Polished Lab Finished Sterndrive Propeller . . .758
CNC Cleaver 6 Blade 15 Degree Rake Polished Lab Finished Sterndrive Propeller . . .761
CNC Cleaver 6 Blade 18 Degree Rake Polished Lab Finished Sterndrive Propeller . . .767
CNC Cleaver 6 Blade 21 Degree Rake Polished Lab Finished Sterndrive Propeller . . .770
CNC Outboard Cleaver 400 HP 15 Degree Rake 745
CNC Outboard Cleaver 500 HP 15 Degree Rake 746
CNC Outboard Cleaver 500 HP 18 Degree Rake 746
Enertia ECO XP Propeller 742
Lightning E.T. 740
MAX 5 Lab Finished Propeller 743
MAX 5 ST Lab Finished Propeller 744
Maximus Long Tube 5 Blade SS Lab Finished 744
Maximus Short Tube 5 Blade SS Lab Finished 745
Pro Max ® - 4 Blade Stainless Steel 740
Revolution 4 Lab Finished Propeller 742
Revolution 4 Satin Lab Finished Propeller 743
Revolution 4 XP Pro Finished Propeller . . 742
Spitfire XP 740

Quicksilver Propeller Application Charts 774

Evinrude/Johnson Outboard Application Charts 774
Force Outboard Application Charts 777
Honda Outboard Application Charts 779
MerCruiser Sterndrive Application Charts 794
Mercury/Mariner Outboard Application Charts 781
OMC Sterndrive Application Charts 798
Suzuki Outboard Application Charts 786
Tohatsu/Nissan Outboard Application Charts 789
Volvo Penta Sterndrive Application Charts 801
Yamaha Outboard Application Charts . . . 791
Yamaha Sterndrive Application Chart 802

Quicksilver Propeller Type 804

Black Diamond 804
Black Diamond 25/30hp (2022 and newer with 2.17:1 gear ratio) 804
Black Diamond 40 - 60 HP Standard 804
Black Diamond 40 CT - 125 HP 804
Black Diamond 90 CT - 300 HP 805
Black Diamond Bravo Two 809
Black Diamond for 85 - 140 HP Evinrude/Johnson V-4 805
Nemesis 805
Nemesis 25 - 30 HP 805
Nemesis 40 - 60 HP 805
Nemesis 40 CT - 125 HP 806
Nemesis 90 CT - 300 HP 806
Q3 90 CT - 400 HP 806
Q4 40 CT - 125 HP 807
Q4 90 CT - 400 HP 807
Quicksilver Bravo Three 809
Silverado 808
Silverado 40 - 60 HP 808
Silverado 40 CT - 125 HP 808
Silverado 90 CT - 300 HP 808
Thunderbolt 90 CT - 400 HP 808

OEM - Quicksilver Propeller Cross Reference 810

Evinrude/Johnson/OMC Prop Cross Reference 810
Force Propeller Cross Reference 811
Honda Propeller Cross Reference 811
Mercury/Mariner/MerCruiser Prop Cross Reference 812
Suzuki Propeller Cross Reference 814
Tohatsu/Nissan Propeller Cross Reference 814
Volvo Propeller Cross Reference 814
Yamaha Propeller Cross Reference 815

Historical Propeller Charts 816

Chrysler Outboards 836
Force Outboards 833
Mariner Electric Motor 826
Mariner Outboard 828
MerCrusier Sterndrives 836
Mercury Electric Motors 816
Mercury Outboard 816

Propeller Hardware and Accessories . . . 847

Anodes 856
Cotter Pins 863
Diffuser Rings 857
Flo-Torq Application Charts 847
Flo-Torq II & SSR Hub Kits 849
Flo-Torq Reflex Hub Kits 848
Hub Cross-Reference Chart 847
Marine Grease 876
Mercury Racing Propeller Accessories 875
Paints 876
Performance Vent Plugs 872
Point of Purchase Marketing Material 877
Prop Nut Kits 858
Prop Nuts 861
Rubber Hubs 869
Shear Pins 862
Skegs 871
Spacers 863

Stainless Steel Impellers 873
Tab Washers 865
Thrust Washers 865
Tools 874
Trim Tabs 869
Washers 864

STEP 1 - SELECT HARDWARE QUICKSILVER

STEP 1 - SELECT HARDWARE QUICKSILVER

QUICKSILVER® Propellers

EASY 2 STEP
Propeller Selection!

Step 1: Identify the Flo Torq hub system and propeller application for your engine model

Step 2: Locate the preferred propeller part number

PROPELLER APPLICATION

Stainless Steel		Runabout	Saltwater Fish	Freshwater Fish	Pontoon	Cruiser	Bass	Performance
Silverado	Increased performance & durability over standard aluminum. One piece cast steel for exceptional strength & durability	▪	▪	▪	▪	▪		
Thunderbolt	Best overall performing high-horsepower propeller. Large diameter design works well across a wide range of applications. Fits 135hp and above outboards and V8 sterndrives.	▪	▪	▪	▪	▪		
Q3	The highest performing propeller in the Quicksilver line-up. The Q3 improves both holeshot and top speed on runabouts, center consoles, pontoons and tritoons.	▪	▪	▪	▪			▪
Q4	The premier fishing propeller. Will improve holeshot and handling on center consoles, multi-species fishing boats, bay/flats and bass boats.	▪	▪	▪		▪	▪	▪
Aluminum								
Black Diamond	Worlds best selling Aluminum propeller. Perfect combination of performance, durability and value. Fits outboards 2.5hp - 250hp and Alpha One sterndrives.	▪		▪	▪	▪		
Nemesis	State-of-the-art propeller provides 3-blade speed with 4-blade holding and acceleration. Aggressive design with high rake angles and added cup for tenacious holding. Fits 20hp - 250hp outboards and Alpha One sterndrives.	▪		▪	▪	▪		

STEP 1: SELECT HARDWARE

Locate the model, year and horsepower of your outboard or stern drive. Match the Hub Kit color to a like-colored propeller choice to the right.

Mercury®, Mariner®, and Force® Outboards, and MerCruiser® Sterndrives	Hub Kit/Hardware
Mercury 40 CT - 225 HP (1" prop shaft) FourStroke Outboards and Bravo One Sterndrives	8M0150152
Mercury 40 CT - 300 HP (1" prop shaft) FourStroke Outboards and Bravo One Sterndrives for High Performance and Surface-Piercing Applications	8M0101604
Mercury V8 FourStroke Outboards, 350 - 400 HP Verado (1.25" prop shaft)	8M0101603
Mercury 40 CT - 300 HP TwoStroke Outboards and Alpha One Sterndrives	835257Q 1
Mercury / Mariner 75 HP 1984 & Newer, 90 & 115 HP 1978 & Newer, 125 HP 1994 & Newer	835257Q 1
Mercury / Mariner 25 HP CommandThrust - 60 HP FourStroke Outboards	Included with Prop
Mercury 225 HP EFI FourStroke Outboards	835274Q 1
MerCruiser 400 HP+ Bravo Sterndrives	835258Q 2
Mercury Racing Choppers & Cleavers for V6 Outboards	835258Q 1
MerCruiser XZ & XR Racing Sport & Torque Master, 250 RroXS with Torque Master II, Verado 350, 350 SCI and 400R (1-1/4 Shaft)	840389Q06
Force 75 HP 1999, 90 - 115 HP 1995 and Newer Outboards	835274Q1
Yamaha® Outboards and Sterndrives	**Hub Kit/Hardware**
Yamaha T25 -60 HP Outboards	Included with Prop
Yamaha 50 - 100 HP Outboards with Splined Forward Washer	835272Q 1
Yamaha 115 & 130 HP 1984 and Newer	835271Q 2
Yamaha 150 - 300 HP HPDI and VMAX and 130 - 300 HP Sterndrives	835271Q 2
Yamaha 150-300 HP 4-Stroke outboards (excluding V8) and 115 - 250 SHO 2015 and Newer	835274Q 1
Yamaha 200 - 250 HP SHO 2014 and Older	8M0075402
Evinrude® and Johnson® Outboards, and Volvo and OMC Sterndrives	**Hub Kit/Hardware**
Evinrude ETEC G2 150 - 300 HP	8M0107220
Johnson 90 - 115 HP 4-Stroke Outboards	835283Q 1
Johnson 140 HP 4-Stroke Outboards	835283Q 2
Evinrude / Johnson V4 Outboards	835266Q 1
Evinrude / Johnson Outboards and OMC Sterndrives with V8 and V8 Gearcases, Cobra Sterndrives 1991 and Newer	8M0119081
Evinrude / Johnson Outboards and OMC Sterndrives with V8 and V8 Gearcases, Cobra Sterndrives 1990 and Older**	8M0119082
Volvo SX 1996 and Newer and OMC Cobra SX Sterndrives 1994 and Newer, 7.4L 1984 and Newer (19 tooth spline)**	8M0119083
Suzuki® Outboards	**Hub Kit/Hardware**
Suzuki 35 - 65 HP Outboards	8M0088039
Suzuki 60 HP 4-Stroke 1998 and Newer 70 HP 4-Stroke 1998-2008 75 - 140 HP 2-Stroke Outboards	835282Q 1
Suzuki 70 - 90 HP 2009 and Newer Outboards	835283Q03
Suzuki 90 - 115 HP 4-Stroke 2001-2008 Outboards	835283Q 1
Suzuki 100 - 115 HP 4-Stroke 2009 and Newer 140 HP 4-Stroke Outboards	835283Q 2
Suzuki 150 - 300 HP 4-Stroke 150 - 225 HP 2-Stroke Outboards	835281Q 1
Honda® Outboards	**Hub Kit/Hardware**
Honda 35-50, 60 HP Small Gearcase Outboards	8M0046466
Honda 75 - 90 HP Outboards 1998 and Older	835277Q 1
Honda 75 - 90 HP Outboards 1998 and Newer and 115 - 130 HP	835279Q 2
Honda 135 - 225 HP 4-Stroke Outboards	835278Q 1
Tohatsu® and Nissan® Outboards	**Hub Kit/Hardware**
Tohatsu 35 - 50 HP Outboards	8M0053074
80 - 140 HP Outboards	835284Q 1

STEP 2 - SELECT PROPELLER QUICKSILVER

STEP 2: SELECT PROPELLER

Size	Blades	Model	RH Part #	LH Part #
12 1/2 X 8 RH	3	Black Diamond	QA2060X	—
12 1/4 X 9 RH	3	Black Diamond	QA2062X	—
11 1/4 X 10 RH	3	Black Diamond	QA2064X	—
10 7/8 X 11 RH	3	Black Diamond	QA2070X	—
10 3/4 X 12 RH	3	Black Diamond	QA2072X	—
10 5/8 X 12 RH	3	Black Diamond	QA2074X	—
10 1/2 X 13 RH	3	Black Diamond	QA2076X	—
10 3/8 X 13 RH	3	Black Diamond	QA2078X	—
10 3/8 X 14 RH	3	Black Diamond	QA2080X	—
10 1/4 X 14 RH	3	Black Diamond	QA2082X	—
10 1/8 X 15 RH	3	Black Diamond	QA2084X	—
10.6X 12 RH	4	Nemesis	8M8027511	—
10.3 X 13 RH	4	Nemesis	8M8027512	—
10.1 X 14 RH	4	Nemesis	8M8027513	—
10.1 X 15 RH	4	Nemesis	8M8027514	—
10 1/2 X 13 RH	3	Silverado	QS5166X	—
10 3/8 X 14 RH	3	Silverado	QS5168X	—
10 1/4 X 15 RH	3	Silverado	QS5170X	—
16 x 11	3	Black Diamond	QA2000X	—
16 x 13	3	Black Diamond	QA2004X	—
16 x 14	3	Black Diamond	QA2006X	—
15 1/2 x 15	3	Black Diamond	QA2008X	—
16 x 16	3	Black Diamond	QA2010X	—
15 x 17	3	Black Diamond	QA1912X	—
15 1/2 x 18	3	Black Diamond	QA2014X	—
14 1/2 x 19	3	Black Diamond	QA1916X	—
14 1/4 x 21	3	Black Diamond	QA1918X	—
14 x 23	3	Black Diamond	QA1920X	—
14 x 12	4	Nemesis Pontoon	8M0055531	—
14 x 14	4	Nemesis Pontoon	8M0055533	—
14 x 17	4	Nemesis	8M0055534	—
14 x 19	4	Nemesis	8M0055535	—
14 x 21	4	Nemesis	8M0055536	—
14 x 23	4	Nemesis	8M0055537	—
14 1/2 x 15	3	Silverado	QS5050X	—
14 1/2 x 17	3	Silverado	QS5052X	—
14 x 19	3	Silverado	QS5054X	—
13 3/4 x 21	3	Silverado	QS5056X	—
16 x 11	3	Q3	8M0103516	—
15 3/4 x 13	3	Q3	8M0103517	—
15 1/4 x 14	3	Q3	8M0103518	—
15 x 15	3	Q3	8M0103519	—
14 3/4 x 16	3	Q3	8M0103520	—
14 1/2 x 17	3	Q3	8M0103521	—
14 1/4 x 18	3	Q3	8M0103522	—
14 x 19	3	Q3	8M0103523	—
13 3/4 x 21	3	Q3	8M0103525	—
14 3/4 x 17	4	Q4	8M0103526	8M0103527
14 3/4 x 19	4	Q4	8M0103528	8M0103529
14 3/4 x 21	4	Q4	8M0103530	8M0103531
14 3/4 x 23	4	Q4	8M0103532	8M0103533
15 3/4 x 15	3	Thunderbolt	QS5002X	QS5003X
15 1/2 x 17	3	Thunderbolt	QS5004X	QS5005X
15 1/4 x 19	3	Thunderbolt	QS5006X	QS5007X
14 3/4 x 21	3	Thunderbolt	QS5008X	QS5009X

Size	Blades	Model	RH Part #	LH Part #
14 x 9	3	Black Diamond	QA2026X	—
14 x 10	3	Black Diamond	QA2028X	—
14 x 10 Extra Cup	3	Black Diamond	QA2828X	—
14 x 11	3	Black Diamond	QA2030X	—
14 x 11 Extra Cup	3	Black Diamond	QA2830X	—
14 x 13	3	Black Diamond	QA2032X	—
14 x 13 Extra Cup	3	Black Diamond	QA2832X	—
13 3/4 x 15	3	Black Diamond	QA2034X	—
13 1/4 x 17	3	Black Diamond	QA2036X	—
13 x 19	3	Black Diamond	QA2038X	—
12 3/4 x 21	3	Black Diamond	QA2040X	—
12 1/2 x 23	3	Black Diamond	QA2042X	—
13 3/4 x 10	4	Nemesis Pontoon	8M8027497	—
13 3/4 x 11	4	Nemesis Pontoon	8M8027498	—
13 3/4 x 13	4	Nemesis Pontoon	8M8027500	—
13 1/2 x 15	4	Nemesis	8M8027502	—
13 x 17	4	Nemesis	8M8027504	—
12 1/2 x 19	4	Nemesis	8M8027506	—
14 x 13	4	Q4	8M0055559	—
13 1/2 x 15	4	Q4	8M0055560	—
13 x 17	4	Q4	8M0055561	—
12 3/4 x 19	4	Q4	8M0055562	—
12 3/4 x 21	4	Q4	8M0055563	—
13 3/4 x 14	3	Silverado	QS5114X	—
13 1/4 x 16	3	Silverado	QS5116X	—
13 x 18	3	Silverado	QS5118X	—
14 x 13 Extra Cup	3	Black Diamond	QA3832X	—
13 3/4 x 15	3	Black Diamond	QA2208X	—
13 1/4 x 17	3	Black Diamond	QA2206X	—

Bravo III

Size	Blades	Model	Rear (RH) #	Front (LH) #
16 x 19	4	Bravo Three	—	8M0123400
14.4 x 19	3	Bravo Three	8M0123399	—
16 x 20	4	Bravo Three	—	8M0123402
14.4 x 20	3	Bravo Three	8M0123401	
15.9 x 21	4	Bravo Three	—	8M0123404
14.3 x 21	3	Bravo Three	8M0123403	—
15.8 x 22.5	4	Bravo Three	—	8M0123406
14.3 x 22.5	3	Bravo Three	8M0123405	—
15.5 x 24	4	Bravo Three	—	8M0123408
14 x 24	3	Bravo Three	8M0123407	—
15.3 x 26	4	Bravo Three	—	8M0123410
13.8 x 26	3	Bravo Three	8M0123409	—
15 x 28	4	Bravo Three	—	8M0123412
13.5 x 28	3	Bravo Three	8M0123411	—



Visit the propeller selector at www.Quicksilver-Products.com today!

8M0129047 re 02-0519

STEP 1 - SELECT HARDWARE MERCURY

Step 1: Select Hardware

MERCURY Propellers

Locate the model, year and horsepower of your outboard or sterndrive to find your hub kit.
Match the 'options' color to a like-colored propeller choice in step 2.

Mercury®, Mariner®, and Force® Outboards, and Mercruiser® Sterndrives	Options	Hub Kit
Mercury 250-300 HP FourStroke, Mercury 200-300 HP Pro XS, Mercury 300-350 HP Verado, Mercury Racing 400R (any engine with a 1.25" prop shaft)	✓	8M0101601
Mercury 150-225 HP FourStroke in surpace-piercing applications	✓	8M0101602
Mercury/Mariner 40 CT -- 300 HP (1" prop shaft), MerCruiser Alpha & Bravo I Sterndrives	✓ ✓	8M0150151
Mercury/Mariner 135 - 300 HP (1" prop shaft), MerCruiser 120 - 375 Alpha and Bravo I Sterndrives in non-surface piercing applications	✓	835257K1
Mercury/ Mariner 75 HP 1984 and newer, 90 & 115 HP 1978 and newer, 125 HP 1994 and newer	✓	835257K1
Mercruiser 400 HP + Bravo One sterndrives	✓	835258K2
Mercury V6 used with surfacing propellers; Revolution4, Trophy Plus, Fury and Tempest	✓	835257K6
Mercury Racing Choppers and Cleavers for V6 outboards	✓	835258K1
Mercruiser XZ & XR Racing Sport and Torque Master, Verado SCI 350 HP (1.25 shaft)	✓	840389K06
Force 75 HP 1999, 90-150 Hp 1995 and newer outboards	✓	835257K1

Yamaha® Outboards and Sterndrives	Options	Hub Kit
Yamaha 50-100 HP outboards with splined forward washer	✓	835272Q 1
Yamaha 115 & 130 HP 1984 and newer	✓	835271Q 2
Yamaha 150-300 HP HPDI and VMAX and 130-300 HP sterndrives	✓	835271Q 2
Yamaha 150-300 HP 4-Stroke outboards (excluding V8 models) 115-250 HP SHO 2015 and Newer	✓	835274Q 1
Yamaha 200-250 HP SHO 4-Stroke outboards 2014 and older	✓	8M0075402

Evinrude® and Johnson® Outboards, Volvo® and OMC® Sterndrives	Options	Hub Kit
Johnson 90-115 HP 4-Stroke outboards	✓	835283Q 1
Johnson 140 HP 4-Stroke outboards	✓	835283Q 2
Evinrude/Johnson V4 outboards	✓	835266Q 1*
Evinrude ETEC G2 200-300 HP	✓	8M0107220
Evinrude/Johnson outboards and OMC sterndrives with V6 and V8 gearcases, Cobra and King Cobra sterndrives 1991 and newer	✓	8M0119081
Evinrude/Johnson outboards and OMC sterndrives with V6 and V8 gearcases, Cobra and King Cobra sterndrives 1990 and older**	✓	8M0119082
Volvo SX 1996 and newer, OMC Cobra SX sterndrives 1994 and newer, 7.4L 1994 and newer (19 tooth spline)**	✓	8M0119083

Suzuki® Outboards	Options	Hub Kit
Suzuki 60 HP 4-Stroke 1998 and newer, 70 HP 4-Stroke 1998-2008, and 75-140 HP 2-Stroke outboards	✓	835282Q 1*
Suzuki 70-90 HP 2009 and newer outboards	✓	835283Q03
Suzuki 90-115 HP 4-Stroke 2001-2008 outboards	✓	835283Q 1
Suzuki 100-115 Hp 4-Stroke 2009 and newer, 140 HP 4-Stroke outboards	✓	835283Q 2
Suzuki 150-300 HP 4-Stroke, 150-225 2-Stroke outboards	✓	835281Q 1

Honda® Outboards	Options	Hub Kit
Honda 75-90 HP outboards 1998 and older	✓	835277Q 1
Honda 75-90 HP outboards 1999 and newer, and 115-130 HP	✓	835279Q 2
Honda 135-225 HP 4-Stroke outboards	✓	835278Q 1

Tohatsu® and Nissan® Outboards	Options	Hub Kit
60-140 HP outboards	✓	835284Q 1

*Small labyrinth seal propeller required. See Mercury Accessories Guide for full selection of application specific propellers.

**WARNING: Interference exists between the ribs on Quicksilver Stainless Steel Propellers and the add-on OMC/Volvo Anode P/N 3852970. Anode and attaching hardware must be removed for proper clearance.

Honda is a registered trademark of Honda Motor Co. Nissan is a registered trademark of Nissan Motor Co., Inc. Suzuki is a registered trademark of Suzuki Motor Co., Ltd. Tohatsu is a registered trademark of Tohatsu Corp. Volvo is a registered trademark of Volvo Ltd. Yamaha is a registered trademark of Yamaha Corp. Evinrude, Johnson and OMC are registered trademarks of Bombardier. All other trademarks belong to the Brunswick Corporation.

©2019 Mercury Marine. A division of Brunswick Corporation. All rights reserved.

PN 8M0157154 - 0119

STEP 2 - SELECT PROPELLER MERCURY

MERCURY Propellers

Step 2: Select Propeller

Select a propeller by choosing a diameter and pitch that best compliments your boat and general usage.

Dia X Ptch	Matl	Blades	Model	LH	RH
12.5 X 23	Alum	3	Black Max	--	77350A45
12.75 X 21	Alum	3	Black Max	--	77348A45
13 X 19	Alum	3	Black Max	--	77346A45
13.25 X 17	Alum	3	Black Max	--	77344A45
13.25 X 16	Alum	3	Black Max	--	854360A45
13.75 X 15	Alum	3	Black Max	--	77342A45
14 X 13	Alum	3	Black Max	--	77340A45
14 X 13	Alum	3	Black Max Pontoon	--	8M0151358
14 X 11	Alum	3	Black Max	--	77338A45
14 X 11	Alum	3	Black Max Pontoon	--	8M0151356
14 X 10	Alum	3	Black Max	--	854342A45
14 X 10	Alum	3	Black Max Pontoon	--	8M0151354
14 X 9	Alum	3	Black Max	--	854340A45
12.75 X 19	Alum	4	SpitFire	--	8M8026600
12.75 X 17	Alum	4	SpitFire	--	8M8026590
12.75 X 15	Alum	4	SpitFire	--	8M8026580
13.75 X 13	Alum	4	SpitFire Pontoon	--	8M8026570
13.75 X 11	Alum	4	SpitFire Pontoon	--	8M8026560
13.75 X 10	Alum	4	SpitFire Pontoon	--	8M8026555
12.75 X 21	SS	4	SpitFire X7	--	8M0151364
12.75 X 19	SS	4	SpitFire X7	--	8M0151363
13 X 17	SS	4	SpitFire X7	--	8M0151362
13.5 X 15	SS	4	SpitFire X7	--	8M0151361
14 X 13	SS	4	SpitFire X7	--	8M0151360
13 X 18	SS	3	Vengeance	--	8M0151402
13.1 X 16	SS	3	Vengeance	--	8M0151401
13.4 X 14	SS	3	Vengeance	--	8M0151399
14 X 12	SS	3	Vengeance	--	8M0151398
14 X 10	SS	3	Vengeance	--	8M0151397
13.75 X 26	SS	4	Trophy Plus	--	8M0151395
13.75 X 25	SS	4	Trophy Plus	--	8M0151394
13.75 X 24	SS	4	Trophy Plus	--	8M0151393
13.75 X 23	SS	4	Trophy Plus	--	8M0151392
13.75 X 21	SS	4	Trophy Plus	--	8M0151391
13.75 X 19	SS	4	Trophy Plus	--	8M0151390
13.75 X 17	SS	4	Trophy Plus	--	8M0151389
14 X 23	Alum	3	Black Max	--	832834A45
14.25 X 21	Alum	3	Black Max	--	832832A45
14.5 X 19	Alum	3	Black Max	--	832830A45
15.5 X 18	Alum	3	Black Max	--	11324A45
15 X 17	Alum	3	Black Max	--	832828A45
16 X 16	Alum	3	Black Max	--	16440A45
15.25 X 15	Alum	3	Black Max	--	78116A45
15.5 X 15	Alum	3	Black Max Pontoon	--	78116CP1
16 X 14	Alum	3	Black Max	--	16438A45
16 X 14	Alum	3	Black Max Pontoon	--	16438CP1
16 X 13	Alum	3	Black Max	--	78114A45
16 X 13	Alum	3	Black Max Pontoon	--	78114CP1
16 X 12	Alum	3	Black Max	--	16436A45
16 X 12	Alum	3	Black Max Pontoon	--	16346CP1
16 X 11	Alum	3	Black Max	--	78112A45
14 X 23	Alum	4	SpitFire	--	8M0084497
14 X 21	Alum	4	SpitFire	--	8M0084496
14 X 19	Alum	4	SpitFire	--	8M0084495
14 X 17	Alum	4	SpitFire	--	8M0084494
14 X 14	Alum	4	SpitFire	--	8M0084493
14 X 12	Alum	4	SpitFire	--	8M0084491
14 x 12	Alum	4	SpitFire	-	8M0084491
13.75 X 21	SS	3	Vengeance	--	8M0151408
14 X 19	SS	3	Vengeance	8M0151406	8M0151407
14.5 X 17	SS	3	Vengeance	8M0151404	8M0151405
14.5 X 15	SS	3	Vengeance	--	8M0151403

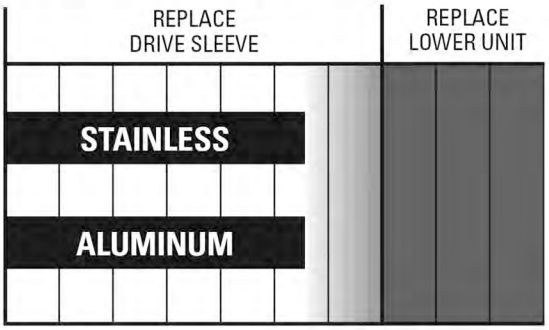
Dia X Ptch	Matl	Blades	Model	LH	RH
14.5 X 25	SS	3	Mirage Plus	--	8M0151313
14.6 X 23	SS	3	Mirage Plus	8M0151311	8M0151312
14.75 X 21	SS	3	Mirage Plus	8M0151309	8M0151310
15.25 X 19	SS	3	Mirage Plus	8M0151307	8M0151308
15.5 X 17	SS	3	Mirage Plus	8M0151303	8M0151304
15.75 X 15	SS	3	Mirage Plus	8M0151301	8M0151302
16 X 13	SS	3	Mirage Plus	--	8M0151300
14.6 X 27	SS	3	Tempest Plus	--	8M0151388
14.6 X 26	SS	3	Tempest Plus	--	8M0151387
14.6 X 25	SS	3	Tempest Plus	--	8M0151386
14.6 X 24	SS	3	Tempest Plus	--	8M0151385
14.6 X 23	SS	3	Tempest Plus	--	8M0151384
14.6 X 22	SS	3	Tempest Plus	--	8M0151383
14.6 X 21	SS	3	Tempest Plus	--	8M0151382
14.6 X 19	SS	3	Tempest Plus	--	8M0151381
14.6 X 17	SS	3	Tempest Plus	--	8M0151380
13.75 X 26	SS	4	Trophy Plus	--	8M0151395
13.75 X 25	SS	4	Trophy Plus	--	8M0151394
13.75 X 24	SS	4	Trophy Plus	--	8M0151393
13.75 X 23	SS	4	Trophy Plus	--	8M0151392
13.75 X 21	SS	4	Trophy Plus	--	8M0151391
13.75 X 19	SS	4	Trophy Plus	--	8M0151390
13.75 X 17	SS	4	Trophy Plus	--	8M0151389
13.25 X 21	SS	5	High Five	--	8M0151292
13.25 X 19	SS	5	High Five	--	8M0151291
13.5 X 17	SS	5	High Five	--	8M0151290
14.6 X 25	SS	4	Revolution 4	8M0151328	8M0151329
14.6 X 23	SS	4	Revolution 4	8M0153126	8M0151327
14.6 X 21	SS	4	Revolution 4	8M0151324	8M0151325
14.6 X 20	SS	4	Revolution 4	8M0151322	8M0151323
14.6 X 19	SS	4	Revolution 4	8M0151320	8M0151321
14.6 X 18	SS	4	Revolution 4	8M0151318	8M0151319
14.6 X 17	SS	4	Revolution 4	8M0151316	8M0151317
14.6 X 15	SS	4	Revolution 4	8M0151314	8M0151315
15.25 X 32	SS	4	Bravo I	8M0151220	8M0151221
15.25 X 30	SS	4	Bravo I	8M0151218	8M0151219
15.25 X 28	SS	4	Bravo I	8M0151216	8M0151217
15.25 X 26	SS	4	Bravo I	8M0151214	8M0151215
15.25 X 24	SS	4	Bravo I	8M0151212	8M0151213
15.25 X 22	SS	4	Bravo I	8M0151210	8M0151211
13.5 X 22	SS	3	Enertia	--	8M0151245
13.6 X 21	SS	3	Enertia	8M0151242	8M0151243
13.75 X 20	SS	3	Enertia	--	8M0151241
14 X 19	SS	3	Enertia	8M0151238	8M0151239
14.25 X 18	SS	3	Enertia	--	8M0151237
14.5 X 17	SS	3	Enertia	8M0151234	8M0151235
14.75 X 16	SS	3	Enertia	--	8M0151233
15 X 15	SS	3	Enertia	8M0151230	8M0151231
15.25 X 14	SS	3	Enertia	8M0151228	8M0151229
15.6 X 13	SS	3	Enertia	8M0151226	8M0151227
16 X 11	SS	3	Enertia	8M0151224	8M0151225
14 X 27	SS	3	Fury	--	8M0151275
14 X 26	SS	3	Fury	--	8M0151274
14 X 25	SS	3	Fury	--	8M0151273
14 X 24	SS	3	Fury	--	8M0151272
14 X 23	SS	3	Fury	--	8M0151271
14.5 X 26	SS	4	Fury 4	--	8M0151281
14.5 X 25	SS	4	Fury 4	--	8M0151280
14.5 X 24	SS	4	Fury 4	--	8M0151279
14 X 21	SS	4	Fury V	--	8M0151287
14 X 20	SS	4	Fury V	--	8M0151286
14.5 X 19	SS	4	Fury V	--	8M0151285
16 X 23	SS	3	Enertia ECO	8M0151262	8M0151263
16 X 22	SS	3	Enertia ECO	8M0151260	8M0151261
16 X 21	SS	3	Enertia ECO	8M0151258	8M0151259
16 X 20	SS	3	Enertia ECO	8M0151256	8M0151257
16 X 19	SS	3	Enertia ECO	8M0151254	8M0151255
16 X 18	SS	3	Enertia ECO	8M0151252	8M0151253
16 X 17	SS	3	Enertia ECO	8M0151250	8M0151251

PROPELLER MATERIAL AND BLADE FACTS

METAL OPTIONS

- Mercury makes propellers out of aluminum and stainless steel.
- Aluminum propellers are inexpensive and suitable for general purpose boating. Mercury uses Mercalloy aluminum that provides superior strength and thinner blades for top performance.
- Stainless steel is favored by boaters who are more conscious about performance and durability. Stainless propellers offer substantially better hole shot and top speed in comparison to an aluminum propeller. In terms of durability, stainless steel props will withstand impacts that would destroy an aluminum propeller. Over the long run, one stainless propeller will last as long as multiple aluminum propellers
- Mercury's legendary X7 stainless steel alloy provides incredible strength that allows propeller designs that would be impossible with other alloys. X7 is featured on Mercury's Enertia and Fury line of propellers.
- Many boaters have questions about whether or not a stainless steel propeller can cause lower unit damage in the event of hitting an underwater obstruction. With Mercury's Flo-Torq II hub system, the hub is designed to sacrifice its drive sleeve well below the failure threshold of modern drive units. This assures protection for your drive no matter what kind of propeller material you run.

PROPELLER SHAFT TORQUE AT UNDERWATER IMPACT



BLADE CONFIGURATIONS



- For most boats, a three blade propeller provides a good blend of smoothness, acceleration, handling and top speed.



- Four-plus blade propellers typically provide the following advantages vs. three blade propellers:
  - o Plane the boat faster
  - o Keep the boat on plane at lower speed
  - o Less likely to ventilate in sharp turns
  - o Better holding power in rough conditions
- In high-performance applications at high drive heights, a four blade propeller may be a better all around choice than a three blade, simply because you are getting more blade area in the water for better control, handling and bow lift.



- Five blade propellers (like Mercury's HighFive propeller) provide superior rough water holding and strong acceleration for tow sports. However the HighFive does not reach the same top speeds as other three and four blade props in our line- up.

SPARE PROPELLERS

- It's always a good idea to keep a spare prop aboard for safety. One way to get the most use out of your spare is to buy a spare that is 2 inches lower in pitch than your regular prop, and use this prop as a water sports propeller. The improved tow sports performance will have a significant impact on your acceleration while pulling a tube, skier or wakeboarder. Remember to change back to your regular prop when it is time for normal usage.

If you still have questions about what propeller is right for you, consult your local Mercury dealer.

Or visit our industry-leading prop selector at: MercuryMarine.com

MERCURY PROPELLER APPLICATION CHARTS

MERCURY OUTBOARD APPLICATION CHARTS

Mercury/Mariner Thruster Electric Fishing Motors

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model	Application
11	4	Plastic	2		N/A	Black Machete	MotorGuide
11	5	Plastic	2		N/A	Clear Machete	R33, RX33, T33, R45, RL45, RX45, T45
9.3	3	Plastic	2		N/A	Clear Machete	Direct Drive
10	3.5	Plastic	2	48-MAF12406T	N/A	Clear Machete	MotorGuide

Mercury/Mariner 2.5 - 3.5 HP Outboard

2.5 and 3.3 HP Two Stroke
2.5 and 3.5 HP FourStroke 2007 and Newer
Pin Drive
Shear Pin for Plastic 17-815111
Shear Pin for Aluminum 17-815111-1
Cotter Pin 18-95295

Diameter	Pitch	Material	Blades	RH Rotation	Model
7.4	6	Plastic	3	48-815083A01(1)	Black Max
7.4	7	Plastic	3	48-815083A02	Black Max

(1) Standard with 2.5 HP (Two and FourStroke), 3.5 HP FourStroke and 3.3 HP Two Stroke (Non-Shift)

Mercury/Mariner 4 - 6 HP Outboard

4-6 HP FourStroke (1999 and newer)
4 & 5 HP Two Stroke (1987 and newer)
12 Tooth Spline
Thrust Washer 16145 1
Aft Prop Washer 12-16146
Prop Nut 11-16147
Cotter Pin 18-815026

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
7.8	8	Alum	3	N/A	48-812950A02(2)	Black Max
7.8	7	Alum	3	N/A	48-812949A02	Black Max
8.4	6	Alum	3	N/A	48-812951A02(1)	Black Max High Thrust Sail

(1) Standard with 4 HP FourStroke

(2) Standard with 5 HP FourStroke and 6 HP FourStroke

Mercury/Mariner 8 - 9.9 HP FourStroke Outboard

8 - 9.9 FourStroke (2005 and newer)
12 Tooth Spline
Standard Gearcase Only
Forward Thrust Washer (Std. gearcase) 803743002
Aft Washer (Std. gearcase) 12-16146
Prop Nut 11-16147
Flo-Torq Rubber Hub 897453T
Cotter Pin 18-815026

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
8.7	5	Alum	4	N/A	48-812954A10	Std. Gearcase Black Max
8.9	7.5	Alum	3	N/A	48-897614A10(1)	Std. Gearcase Black Max
8.9	8.5	Alum	3	N/A	48-897618A10(2)	Std. Gearcase Black Max

(1) Standard with 8 HP.

(2) Standard with 9.9 HP.

Mercury/Mariner 6 - 15 HP Outboard

6, 8, 9.9 and 15 HP Two Stroke
9.9 HP FourStroke (1995-2004)
15 HP FourStroke (2007 and earlier)
SeaPro/Marathon 10-15 HP
8 Tooth Spline
Flo-Torq Rubber Hub 827598T
Prop Nut Kit 11-13914A 2

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
9	10.5	Alum	3	N/A	48-828158A12	Black Max
9	9	Alum	3	N/A	48-828156A12(1)	Black Max
9	8	Alum	3	N/A	48-828154A12	Black Max
9.3	7	Alum	3	N/A	48-828152A12	Black Max
9.8	6.5	Alum	3	N/A	48-828150A12	Black Max

(1) Standard with 6, 8, 9.9, and 15 HP Two Strokes and SeaPro/Marathon 10 - 15HP

Mercury/Mariner 9.9 - 25 HP Outboard

9.9 and 15 HP FourStroke Bigfoot (1999-2004)
20 & 25 HP Two Stroke Classic (1980-2006)
SeaPro/Marathon 25 HP
10 Tooth Spline
Prop Nut 11-88228
Forward Thrust Washer 858498
Prop Nut 11-40119-12
Flo-Torq Rubber Hub 19669T
Forward Thrust Washer 858498

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
10.4	13	Alum	3	N/A	48- 19640A40(1)	Black Max
10.4	12	Alum	3	N/A	48- 19639A40	Black Max
10.4	11	Alum	3	N/A	48- 19638A40(3)	Black Max
10.4	9.5	Alum	3	N/A	48- 19636A10(2)	Black Max

(1) Standard with 20-25 HP

(2) Standard with 9.9 & 15 HP Bigfoot FourStroke (1999-2004)

(3) Standard with SeaPro/Marathon 25 HP

Mercury/Mariner 9.9 - 20 HP FourStroke Outboard

9.9 HP Bigfoot/Command Thrust (CT) (2005 and newer)
9.9 HP Pro Kicker
15 - 20 HP (2008 and newer)
14 Tooth Spline
Forward Thrust Washer 803743
Aft Washer 12-16140 2
Prop Nut 11-16147 1
Flo-Torq Rubber Hub 8M0054769
Cotter Pin 18-815026 4

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
10	7	Alum	4	N/A	48-812950A10	Black Max(1)
10	7	Alum	4	N/A	48-812948A10	Black Max(2)
9.5	8	Alum	3	N/A	48-897748A11	Black Max
9.3	9	Alum	3	N/A	48-897750A11	Black Max(3)
9.3	10	Alum	3	N/A	48-897752A11	Black Max(4)
9.3	11.5	Alum	3	N/A	48-897754A11	Black Max

(1) Standard with 9.9 Bigfoot / Command Thrust (CT)

(2) Standard with 9.9 Pro Kicker, Painted Silver

(3) Standard with 15 HP FourStroke

(4) Standard with 20 HP FourStroke

Mercury/Mariner 25 - 30 HP FourStroke Outboard

25-30 HP FourStroke (2006 and newer)
10 Tooth Spline
Standard Gearcase Only
Forward Thrust Washer 161452
Cotter Pin 18-815026
Aft Washer 12-16140-2
Flo-Torq Rubber Hub 897001T
Prop Nut 11-161471

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
10	8	Alum	3	N/A	48-896890A10	Black Max
9.8	9.5	Alum	3	N/A	48-896892A40	Black Max
9.5	11	Alum	3	N/A	48-896896A40	Black Max
9.3	12.5	Alum	3	N/A	48-896900A40	Black Max
9.3	9.5	Alum	4	N/A	48-8M8026650	Spitfire
9.3	11	Alum	4	N/A	48-8M8026655	Spitfire
9.8	9.5	SS	3	N/A	48-899818A05	Vengeance
9.5	11	SS	3	N/A	48-899820A05	Vengeance

Mercury/Mariner 25 HP Bigfoot/Command Thrust - 60 HP Outboard

25 HP Bigfoot/Command Thrust (CT) FourStroke
30 HP Two Stroke
30 HP BigFoot/Command Thrust (CT) (2010 and newer)
30-40 HP SeaPro/Marathon
30 FourStroke (1994-2005)
40-60 HP Two and FourStroke, sandard gearcase (1977 and Newer)
Sea Pro/Marathon 55 HP
13 Tooth Spline
Flo-Torq Reflex Hub Kit 835257K12 Included with propeller
Reflex Sleeve Part Number: 8M0047148
For older rubber hub propellers - use Mercury hardware kit 11-31990Q02. Purchase separately.
Propeller hardware is not compatible between rubber hub propellers and Flo-Torq Reflex propellers.

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
10	17	Alum	3	N/A	48- 73144A45	Black Max
10	16	Alum	3	N/A	48- 73142A45	Black Max
10.1	15	Alum	3	N/A	48- 73140A45	Black Max
10.3	14	Alum	3	N/A	48- 73138A45	Black Max
10.4	14	Alum	3	N/A	48-816706A45(1)	Black Max
10.5	13	Alum	3	N/A	48-816704A45(1)	Black Max
10.4	13	Alum	3	N/A	48- 73136A45	Black Max
10.6	12	Alum	3	N/A	48- 73134A45	Black Max
10.8	12	Alum	3	N/A	48-816702A45(1)	Black Max
10.9	11	Alum	3	N/A	48- 85632A45	Black Max
12	10.5	Alum	3	N/A	48- 42740A45(1)	Black Max
11.6	10.5	Alum	3	N/A	48-827312A45	Black Max
11.3	10	Alum	3	N/A	48- 73132A45	Black Max
12.3	9	Alum	3	N/A	48- 87818A45	Black Max
12.5	8	Alum	3	N/A	48- 42738A45(1)	Black Max
12.5	8	Alum	3	N/A	48- 42738CP1(1)(2)	Black Max XC
10.1	15	Alum	4	N/A	48-8M8026640	Spitfire
10.1	14	Alum	4	N/A	48-8M8026635	Spitfire
10.3	13	Alum	4	N/A	48-8M8026630	Spitfire
10.6	12	Alum	4	N/A	48-8M8026625	Spitfire
10.6	11	Alum	4	N/A	48-8M8026620	Spitfire
10.3	15	SS	3	N/A	48-855862A46	Vengeance
10.4	14	SS	3	N/A	48-855860A46	Vengeance
10.5	13	SS	3	N/A	48-855858A46	Vengeance
11	12	SS	3	N/A	48-855856A46	Vengeance
11.6	11	SS	3	N/A	48-823478A46	Vengeance
10.6	14	SS	4	N/A	48-878616A46	Trophy Sport

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
10.6	13	SS	4	N/A	48-878614A46	Trophy Sport
10.6	12	SS	4	N/A	48-878612A46	Trophy Sport

(1) Large Blade Area

(2) Extra Cup for superior performance and holding on pontoon boats

Mercury/Mariner 40 HP Bigfoot/Command Thrust - 125 HP Outboard

40 - 60 HP Bigfoot/Command Thrust (CT) (All Years)
75-125 HP (1978 and newer)
15 Tooth Spline
Aluminum propellers include hub kit
Stainless steel propellers, hub kit sold separately

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
12.5	23	Alum	3	N/A	48- 77350A45	Black Max
12.8	21	Alum	3	N/A	48- 77348A45	Black Max
13	19	Alum	3	N/A	48- 77346A45	Black Max
13.3	17	Alum	3	N/A	48- 77344A45	Black Max
13.3	16	Alum	3	N/A	48-854360A45	Black Max
13.8	15	Alum	3	N/A	48- 77342A45	Black Max
13.9	14	Alum	3	N/A	48-854352A45	Black Max
14	13	Alum	3	N/A	48- 77340A45	Black Max
14	13	Alum	3	N/A	48-8M0151358	Black Max - Extra Cup(2)
14	11	Alum	3	N/A	48- 77338A45	Black Max
14	11	Alum	3	N/A	48-8M0151356	Black Max - Extra Cup(2)
14	10	Alum	3	N/A	48-854342A45	Black Max
14	10	Alum	3	N/A	48-8M0151354	Black Max - Extra Cup(2)
14	9	Alum	3	N/A	48-854340A45	Black Max
13.8	15	Alum	3	N/A	48-8M0151359	Black Max(3)
14	13	Alum	3	N/A	48-8M0151357	Black Max(3)
14	11	Alum	3	N/A	48-8M0151355	Black Max(3)
14	10	Alum	3	N/A	48-8M0151353	Black Max(3)
14	9	Alum	3	N/A	48-8M0151352	Black Max(3)
12.8	19	Alum	4	N/A	48-8M8026600	Spitfire
12.8	17	Alum	4	N/A	48-8M8026590	Spitfire
12.8	15	Alum	4	N/A	48-8M8026580	Spitfire
13.8	13	Alum	4	N/A	48-8M8026570	Spitfire Pontoon(2)
13.8	11	Alum	4	N/A	48-8M8026560	Spitfire Pontoon(2)
13.8	10	Alum	4	N/A	48-8M8026555	Spitfire Pontoon(2)
12.7	21	SS	4	N/A	48-8M0151364	Spitfire X7(1)
12.7	19	SS	4	N/A	48-8M0151363	Spitfire X7(1)
13.0	17	SS	4	N/A	48-8M0151362	Spitfire X7(1)
13.5	15	SS	4	N/A	48-8M0151361	Spitfire X7(1)
14.0	13	SS	4	N/A	48-8M0151360	Spitfire X7(1)
13	18	SS	3	N/A	48-8M0151402	Vengeance
13.1	16	SS	3	N/A	48-8M0151401	Vengeance
13.3	15	SS	3	N/A	48-8M0151400	Vengeance
13.4	14	SS	3	N/A	48-8M0151399	Vengeance
14	12	SS	3	N/A	48-8M0151398	Vengeance
14	10	SS	3	N/A	48-8M0151397	Vengeance
13.8	26	SS	4	N/A	48-8M0151395	Trophy Plus(1)
13.8	25	SS	4	N/A	48-8M0151394	Trophy Plus(1)
13.8	24	SS	4	N/A	48-8M0151393	Trophy Plus(1)
13.8	23	SS	4	N/A	48-8M0151392	Trophy Plus(1)
13.8	21	SS	4	N/A	48-8M0151391	Trophy Plus(1)

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
13.8	19	SS	4	N/A	48-8M0151390	Trophy Plus(1)
13.8	17	SS	4	N/A	48-8M0151389	Trophy Plus(1)

(1) Performance Vent System

(2) For superior performance and holding on pontoon applications

(3) For vibration reduction, includes SSR hub system. Replaces legacy A33 propellers with rubber hub

Mercury/Mariner 90 - 115 HP Command Thrust, 135 - 400 HP Outboard

135 - 400 HP (1978 and newer)
90 - 115 CT (2014 and newer)

For 300+ HP engines use only stainless steel (SS) propellers
Stainless steel propellers, hub kit sold separately
V6 FourStroke (2018 and newer) and 40 CT - 150 HP FourStroke use Flo-Torq SSR hub kit 8M0150151
V8 FourStroke (2018 and newer) and 350 - 400 HP Verado requires Flo-Torq SSR HD hub kit 8M0101601

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
14	23	Alum	4	N/A	48-8M0084497	SpitFire
14	21	Alum	4	N/A	48-8M0084496	SpitFire
14	19	Alum	4	N/A	48-8M0084495	SpitFire
14	17	Alum	4	N/A	48-8M0084494	SpitFire
14	14	Alum	4	N/A	48-8M0084493	SpitFire CT(1)(3)
14	12	Alum	4	N/A	48-8M0084491	SpitFire CT(1)(3)
14	23	Alum	3	N/A	48-832834A45	Black Max
14.3	21	Alum	3	N/A	48-832832A45	Black Max
14.5	19	Alum	3	N/A	48-832830A45	Black Max
15.5	18	Alum	3	N/A	48- 11324A45	Black Max
15	17	Alum	3	N/A	48-832828A45	Black Max
16	16	Alum	3	N/A	48- 16440A45	Black Max
15.3	15	Alum	3	N/A	48- 78116A45	Black Max
15.3	15	Alum	3	N/A	48- 78116CP1	Black Max - Extra Cup(3)
16	14	Alum	3	N/A	48- 16438A45	Black Max
16	14	Alum	3	N/A	48- 16438CP1	Black Max - Extra Cup(3)
16	13	Alum	3	N/A	48- 78114A45	Black Max
16	13	Alum	3	N/A	48- 78114CP1	Black Max - Extra Cup(3)
16	12	Alum	3	N/A	48- 16436A45	Black Max
16	12	Alum	3	N/A	48- 16436CP1	Black Max - Extra Cup(3)
16	11	Alum	3	N/A	48- 78112A45	Black Max
16	11	Alum	3	N/A	48- 78112CP1	Black Max - Extra Cup(3)
13.8	21	SS	3	N/A	48-8M0151408	Vengeance
14	19	SS	3	48-8M0151406	48-8M0151407	Vengeance
14.5	17	SS	3	48-8M0151404	48-8M0151405	Vengeance
14.5	15	SS	3	N/A	48-8M0151403	Vengeance
13.5	22	SS	3	N/A	48-8M0151245	Enertia(2)
13.6	21	SS	3	48-8M0151242	48-8M0151243	Enertia(2)
13.8	20	SS	3	N/A	48-8M0151241	Enertia(2)
14	19	SS	3	48-8M0151238	48-8M0151239	Enertia(2)
14.2	18	SS	3	N/A	48-8M0151237	Enertia(2)
14.5	17	SS	3	48-8M0151234	48-8M0151235	Enertia(2)
14.7	16	SS	3	N/A	48-8M0151233	Enertia(2)
15	15	SS	3	48-8M0151230	48-8M0151231	Enertia(2)
15.3	14	SS	3	48-8M0151228	48-8M0151229	Enertia(2)
15.6	13	SS	3	48-8M0151226	48-8M0151227	Enertia(2)
16	11	SS	3	48-8M0151224	48-8M0151225	Enertia(2)
16	23	SS	3	48-8M0151262	48-8M0151263	Enertia ECO(2)
16	22	SS	3	48-8M0151260	48-8M0151261	Enertia ECO(2)
16	21	SS	3	48-8M0151258	48-8M0151259	Enertia ECO(2)
16	20	SS	3	48-8M0151256	48-8M0151257	Enertia ECO(2)

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
16	19	SS	3	48-8M0151254	48-8M0151255	Enertia ECO(2)
16	18	SS	3	48-8M0151252	48-8M0151253	Enertia ECO(2)
16	17	SS	3	48-8M0151250	48-8M0151251	Enertia ECO(2)
14.5	25	SS	3	N/A	48-8M0151313	Mirage Plus(2)
14.6	23	SS	3	48-8M0151311	48-8M0151312	Mirage Plus(2)
14.8	21	SS	3	48-8M0151309	48-8M0151310	Mirage Plus(2)
15.3	19	SS	3	48-8M0151307	48-8M0151308	Mirage Plus(2)
15.5	17	SS	3	48-8M0151303	48-8M0151304	Mirage Plus(2)
15.8	15	SS	3	48-8M0151301	48-8M0151302	Mirage Plus(2)
14	27	SS	3	N/A	48-8M0151275	Fury(2)
14	26	SS	3	N/A	48-8M0151274	Fury(2)
14	25	SS	3	N/A	48-8M0151273	Fury(2)
14	24	SS	3	N/A	48-8M0151272	Fury(2)
14	23	SS	3	N/A	48-8M0151271	Fury(2)
14	22	SS	3	N/A	48-8M0151270	Fury (2)
14.5	26	SS	4	N/A	48-8M0151281	Fury 4(2)
14.5	25	SS	4	N/A	48-8M0151280	Fury 4(2)
14.5	24	SS	4	N/A	48-8M0151279	Fury 4(2)
14.5	23	SS	4	N/A	8M0151278	Fury 4(2)
14.6	27	SS	3	N/A	48-8M0151388	Tempest Plus(2)
14.6	26	SS	3	N/A	48-8M0151387	Tempest Plus(2)
14.6	25	SS	3	N/A	48-8M0151386	Tempest Plus(2)
14.6	24	SS	3	N/A	48-8M0151385	Tempest Plus(2)
14.6	23	SS	3	N/A	48-8M0151384	Tempest Plus(2)
14.6	22	SS	3	N/A	48-8M0151383	Tempest Plus(2)
14.6	21	SS	3	N/A	48-8M0151382	Tempest Plus(2)
14.6	19	SS	3	N/A	48-8M0151381	Tempest Plus(2)
14.6	17	SS	3	N/A	48-8M0151380	Tempest Plus(2)
13.8	26	SS	4	N/A	48-8M0151395	Trophy Plus (SM)(2)
13.8	25	SS	4	N/A	48-8M0151394	Trophy Plus (SM)(2)
13.8	24	SS	4	N/A	48-8M0151393	Trophy Plus (SM)(2)
13.8	23	SS	4	N/A	48-8M0151392	Trophy Plus (SM)(2)
13.8	21	SS	4	N/A	48-8M0151391	Trophy Plus (SM)(2)
13.8	19	SS	4	N/A	48-8M0151390	Trophy Plus (SM)(2)
13.8	17	SS	4	N/A	48-8M0151389	Trophy Plus (SM)(2)
13.3	21	SS	5	N/A	48-8M0151292	HighFive(2)
13.3	19	SS	5	N/A	48-8M0151291	HighFive(2)
13.5	17	SS	5	N/A	48-8M0151290	HighFive(2)
14.6	25	SS	4	48-8M0151328	48-8M0151329	Revolution 4(2)
14.6	23	SS	4	48-8M0151326	48-8M0151327	Revolution 4(2)
14.6	21	SS	4	48-8M0151324	48-8M0151325	Revolution 4(2)
14.6	20	SS	4	48-8M0151322	48-8M0151323	Revolution 4(2)
14.6	19	SS	4	48-8M0151320	48-8M0151321	Revolution 4(2)
14.6	18	SS	4	48-8M0151318	48-8M0151319	Revolution 4(2)
14.6	17	SS	4	48-8M0151316	48-8M0151317	Revolution 4(2)
14.6	15	SS	4	48-8M0151314	48-8M0151315	Revolution 4(2)
15.8	32	SS	4	48-8M0151220	48-8M0151211	Bravo I
15.8	30	SS	4	48-8M0151218	48-8M0151219	Bravo I
15.8	28	SS	4	48-8M0151216	48-8M0151217	Bravo I
15.8	26	SS	4	48-8M0151214	48-8M0151215	Bravo I
15.8	24	SS	4	48-8M0151212	48-8M0151213	Bravo I
15.8	22	SS	4	48-8M0151210	48-8M0151211	Bravo I

(1) Recommended for 90 - 115 HP Command Thrust outboards for Tri/Pontoons

(2) Performance Vent System

(4) Provides superior holding and performance for pontoon applications

MERCURY MERCRUISER APPLICATION CHARTS

Mercury MerCruiser Alpha & Bravo One

For all engines with an Alpha or Bravo One drive
15 Tooth Spline
For 300+ HP engines use only stainless steel (SS) propellers
For 400HP + use Flo-Torq solid hub assembly. Replace A46 with A55 or order hub kit part number 835258K2
For Bravo One XR and XZ drives, Use Flo-Torq 1.25" hub kit. Replace A46 with A65 or order hub kit part number 840389K06

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
14	12	Alum	4	N/A	48-8M0084491	SpitFire CT
14	14	Alum	4	N/A	48-8M0084493	SpitFire CT
14	17	Alum	4	N/A	48-8M0084494	SpitFire
14	19	Alum	4	N/A	48-8M0084495	SpitFire
14	21	Alum	4	N/A	48-8M0084496	SpitFire
14	23	Alum	4	N/A	48-8M0084497	SpitFire
14	23	Alum	3	N/A	48-832834A45	Black Max
14.3	21	Alum	3	N/A	48-832832A45	Black Max
14.5	19	Alum	3	N/A	48-832830A45	Black Max
15.5	18	Alum	3	N/A	48- 11324A45	Black Max
15	17	Alum	3	N/A	48-832828A45	Black Max
16	16	Alum	3	N/A	48- 16440A45	Black Max
15.3	15	Alum	3	N/A	48- 78116A45	Black Max
15.3	15	Alum	3	N/A	48- 78116CP1	Black Max - EC(3)
16	14	Alum	3	N/A	48- 16438A45	Black Max
16	14	Alum	3	N/A	48- 16438CP1	Black Max - EC(3)
16	13	Alum	3	N/A	48- 78114A45	Black Max
16	13	Alum	3	N/A	48- 78114CP1	Black Max - EC(3)
16	12	Alum	3	N/A	48- 16436A45	Black Max
16	12	Alum	3	N/A	48- 16436CP1	Black Max - EC(3)
16	11	Alum	3	N/A	48- 78112A45	Black Max
16	11	Alum	3	N/A	48- 78112CP1	Black Max - EC(3)
13.5	22	SS	3	N/A	48-8M0151245	Enertia(1)
13.6	21	SS	3	48-8M0151242	48-8M0151243	Enertia(1)
13.8	20	SS	3	N/A	48-8M0151241	Enertia(1)
14	19	SS	3	48-8M0151238	48-8M0151239	Enertia(1)
14.2	18	SS	3	N/A	48-8M0151237	Enertia(1)
14.5	17	SS	3	48-8M0151234	48-8M0151235	Enertia(1)
14.7	16	SS	3	N/A	48-8M0151233	Enertia(1)
15	15	SS	3	48-8M0151230	48-8M0151231	Enertia(1)
15.3	14	SS	3	48-8M0151228	48-8M0151229	Enertia(1)
15.6	13	SS	3	48-8M0151226	48-8M0151227	Enertia(1)
16	11	SS	3	48-8M0151224	48-8M0151225	Enertia(1)
13.8	21	SS	3	N/A	48-8M0151408	Vengeance
14	19	SS	3	48-8M0151406	48-8M0151407	Vengeance
14.5	17	SS	3	48-8M0151404	48-8M0151405	Vengeance
14.5	15	SS	3	N/A	48-8M0151403	Vengeance
13.3	21	SS	5	N/A	48-8M0151292	HighFive(1)
13.3	19	SS	5	N/A	48-8M0151291	HighFive(1)
13.5	17	SS	5	N/A	48-8M0151290	HighFive(1)
15.3	32	SS	4	48-8M0151220	48-8M0151221	Bravo I(2)
15.3	30	SS	4	48-8M0151218	48-8M0151219	Bravo I(2)
15.3	28	SS	4	48-8M0151216	48-8M0151217	Bravo I(2)
15.3	26	SS	4	48-8M0151214	48-8M0151215	Bravo I(2)
15.3	24	SS	4	48-8M0151212	48-8M0151213	Bravo I(2)
15.3	22	SS	4	48-8M0151210	48-8M0151211	Bravo I(2)
16	23	SS	3	48-8M0151262	48-8M0040398	Enertia ECO(1)

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
16	22	SS	3	48-8M0151260	48-8M0151263	Enertia ECO(1)
16	21	SS	3	48-8M0151258	48-8M0151258	Enertia ECO(1)
16	20	SS	3	48-8M0151256	48-8M0151257	Enertia ECO(1)
16	19	SS	3	48-8M0151254	48-8M0151255	Enertia ECO(1)
16	18	SS	3	48-8M0151252	48-8M0151253	Enertia ECO(1)
16	17	SS	3	48-8M0151250	48-8M0151251	Enertia ECO(1)
14.4	27	SS	3	48- 18281A46	48- 18280A46	Mirage Plus(1)
14.5	25	SS	3	N/A	48-8M0151313	Mirage Plus(1)
14.6	23	SS	3	48-8M0151311	48-8M0151312	Mirage Plus(1)
14.8	21	SS	3	48-8M0151309	48-8M0151310	Mirage Plus(1)
15.3	19	SS	3	48-8M0151307	48-8M0151308	Mirage Plus(1)
15.5	17	SS	3	48-8M0151303	48-8M0151304	Mirage Plus(1)
15.8	15	SS	3	48-8M0151301	48-8M0151302	Mirage Plus(1)
14.6	25	SS	4	48-8M0151328	48-8M0151329	Revolution 4(1)(2)
14.6	23	SS	4	48-8M0151326	48-8M0151327	Revolution 4(1)(2)
14.6	20	SS	4	48-8M0151324	48-8M0151325	Revolution 4(1)(2)
14.6	21	SS	4	48-8M0151322	48-8M0151323	Revolution 4(1)(2)
14.6	19	SS	4	48-8M0151320	48-8M0151321	Revolution 4(1)(2)
14.6	18	SS	4	48-8M0151318	48-8M0151319	Revolution 4(1)(2)
14.6	17	SS	4	48-8M0151316	48-8M0151317	Revolution 4(1)(2)
14.6	15	SS	4	48-8M0151314	48-8M0151315	Revolution 4(1)(2)
15.6	34	SS	5	48-8M0151340	48-8M0151341	Maximus (1)(2)
15.6	32	SS	5	48-8M0151338	48-8M0151339	Maximus(1)(2)
15.6	30	SS	5	48-8M0151336	48-8M0151337	Maximus(1)(2)
15.6	28	SS	5	48-8M0151334	48-8M0151335	Maximus(1)(2)
15.6	26	SS	5	48-8M0151332	48-8M0151333	Maximus(1)(2)
15.6	24	SS	5	48-8M0151330	48-8M0151331	Maximus(1)(2)

(1) Performance Vent System

(2) Recommended for Bravo One Drives only

(3) Extra cup provides superior holding and performance for pontoon applications

Mercury MerCruiser Bravo Two

For all engines with a Bravo Two drive

Bravo Two propeller attachment hardware is not included with the propeller
Use with:
55074T Forward Thrust Washer
55073A 2 Aft Washer
34817 Tab Washer
826711 27 Propeller Nut

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
17.5	23	Alum	3	48- 18619A40	48- 18618A40	Bravo Two
17.8	21	Alum	3	48- 18617A40	48- 18616A40	Bravo Two
18.3	19	Alum	3	48- 18615A40	48- 18614A40	Bravo Two
18.8	17	Alum	3	48-8M0155029	48-8M0155030	Bravo Two
19.3	15	Alum	3	48-8M0155027	48-8M0155028	Bravo Two
19.5	13	Alum	3	48-8M0155025	48-8M0155026	Bravo Two
20	11	Alum	3	48-8M0155023	48-8M0155024	Bravo Two
17.5	23	SS	3	48- 18619A 6	48- 18618A 6	Bravo Two
17.8	21	SS	3	48- 18617A 6	48- 18616A 6	Bravo Two
18.3	19	SS	3	48- 18615A 6	48- 18614A 6	Bravo Two
18.8	17	SS	3	48- 18613A 6	48- 18612A 6	Bravo Two
19.3	15	SS	3	48- 18611A 6	48- 18610A 6	Bravo Two
19.5	13	SS	3	48- 18609A 6	48- 18608A 6	Bravo Two
20	11	SS	3	48- 18607A 6	48- 18606A 6	Bravo Two

(1) Recommended for single diesel applications

MERCURY PROPELLER APPLICATION CHARTS

Mercury MerCruiser Bravo Three

For all engines with a Bravo Three drive
4 blade front and 3 blade rear propeller

If boat is propped correctly with original Bravo Three propellers drop down one inch of pitch to maintain engine RPM with Bravo Three Diesel propellers.

Bravo Three propeller attachement hardware is not included with the propeller
Use with:
805100 Aft Thrust Washer
805101T Forward Thrust Washer
862907 Aft Prop Nut
8M0105210 Foward Prop Nut
805457T 1 Bravo Three Inner Prop Nut Wrench

Pitch	Material	Finish	Blades (Front & Rear)	LH Rotation Front Prop	RH Rotation Rear Prop	Model
28	SS	Matte	4 & 3	48-8M8022460	48-8M8022470	Bravo Three
26	SS	Matte	4 & 3	48-8M8022440	48-8M8022450	Bravo Three
24	SS	Matte	4 & 3	48-8M8022420	48-8M8022430	Bravo Three
22.5	SS	Matte	4 & 3	48-8M8022400	48-8M8022410	Bravo Three
21	SS	Matte	4 & 3	48-8M8022380	48-8M8022390	Bravo Three
20	SS	Matte	4 & 3	48-8M8022360	48-8M8022370	Bravo Three
19	SS	Matte	4 & 3	48-8M8022340	48-8M8022350	Bravo Three
28	SS	High Polish	4 & 3	48-8M8022469	48-8M8022479	Bravo Three
26	SS	High Polish	4 & 3	48-8M8022449	48-8M8022459	Bravo Three
24	SS	High Polish	4 & 3	48-8M8022429	48-8M8022439	Bravo Three
22.5	SS	High Polish	4 & 3	48-8M8022409	48-8M8022419	Bravo Three
21	SS	High Polish	4 & 3	48-8M8022389	48-8M8022399	Bravo Three
20	SS	High Polish	4 & 3	48-8M8022369	48-8M8022379	Bravo Three
19	SS	High Polish	4 & 3	48-8M8022349	48-8M8022359	Bravo Three
27	SS	Matte	4 & 3	48-8M0074871	48-8M0074872	Bravo Three Diesel
25	SS	Matte	4 & 3	48-8M0074869	48-8M0074870	Bravo Three Diesel
23	SS	Matte	4 & 3	48-8M0074867	48-8M0074868	Bravo Three Diesel
21	SS	Matte	4 & 3	48-8M0074865	48-8M0074866	Bravo Three Diesel

MERCURY ZEUS APPLICATION CHARTS



Zeus 3500 M-Series and Z-Series Propeller Chart

			Drive Speed (Knots)	21.7	22.6	23.5	24.3	25.2	26.1	26.9	27.8	28.7	29.5	30.4	31.3	32.2	33.0	33.9	34.8	35.6	36.5	37.4	38.2	39.1	40.0
Zeus 3500	RPM Range	Overall Ratio	Drive Speed (MPH)	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
355 hp	2800-2850	2.059:1	Z Series				9	10	11	12	13	14	15	16	17	18	19								
355 hp	2800-2850	2.244:1	M Series	5/6	6/7	7	8	9	10	11	12	12/13	13/14	14											
380 hp	3000- 3050	2.059:1	Z Series					8	9	10	11	12	13	14	15	16	17	18	19						
380 hp	3000- 3050	2.244:1	M Series	4	4/5	5/6	6/7	7	8	9	10	11	12	12/13	13/14	14									
425 hp	3000- 3050	2.059:1	Z Series								11	12	13	14	15	16	17	18	19						
425 hp	3000-3050	2.059:1	M Series			4	4/5	5	6	7	7/8	8	9	10	11	11/12	12	13	14						
425 hp	3000- 3050	2.244:1	M Series	4	4/5	5/6	6/7	7	8	9	10	11	12	12/13	13/14	14									
480 hp	3400- 3450	2.059:1	Z Series									6	7	8	9	10	11	12	13	14	15	16	17	18	19

			Drive Speed (Knots)	21.7	22.6	23.5	24.3	25.2	26.1	26.9	27.8	28.7	29.5	30.4	31.3	32.2	33.0	33.9	34.8	35.6	36.5	37.4	38.2	39.1	40.0
Zeus 3500	RPM Range	Overall Ratio	Drive Speed (MPH)	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
480 hp	3400- 3450	2.059:1	M Series								4	4/5	5	6	7	7/8	8	9	9/10	10/11	11	12	12/13	13	14
480 hp	3400- 3450	2.244:1	M Series				4	5	6	7	8	8/9	9	10	11	12	12/13	13	14						

Zeus 3800 M-Series Propeller Chart

			Drive Speed (Knots)	24.3	25.2	26.1	26.9	27.8	28.7	29.5	30.4	31.3	32.2	33.0	33.9	34.8	35.6	36.5	37.4	38.2	39.1	40.0	40.8	41.7	42.6
Zeus 3800	RPM	Overall Ratio	Drive Speed (MPH)	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
550	3000-3050	1.795:1	M Series					4	4/5	5	6	7	7/8	8	9	9/10	10/11	11	12	12/13	13	14			
550	3000-3050	1.957:1	M Series	4	5	6	7	8	8/9	9	10	11	12	12/13	13	14									
600	3000-3050	1.795:1	M Series					4	4/5	5	6	7	7/8	8	9	9/10	10/11	11	12	12/13	13	14			
600	3000-3050	1.957:1	M Series			6	7	8	8/9	9	10	11	12	12/13	13	14									
715	2500-2550	1.337:1	M Series										4	5	5/6	6	6/7	7	8	8/9	9	10	10/11	11	12

NON-MERCURY ENGINE APPLICATION CHARTS

Non-Mercury Outboard (4.25" Gearcase)

Non-Mercury Outboard (4.25" Gearcase)
Suzuki/Johnson 90-115 HP 4-stroke (2001-2008) - use hub kit 835283Q1
Suzuki/Johnson 100-115 HP 4-stroke (2009 and newer), 140 HP 4-stroke - use hub kit 835283Q2
Suzuki 70-90 HP 4-stroke (2009 and newer) - use hub kit 835283Q03
Honda 75-90 HP (1998 and older) - use hub kit 835277Q1
Honda 75-90 HP (1999 and newer), 115-130 HP - use hub kit 835279Q2
Yamaha 50-100 HP - use hub kit 835272Q 1
Yamaha 115-130 HP - use hub kit 835271Q 2

Aluminum propellers include hub kit
Stainelss steel propelles, hub kit sold separately

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
12.5	23	Alum	3	N/A	48- 77350A45	Black Max
12.8	21	Alum	3	N/A	48- 77348A45	Black Max
13	19	Alum	3	N/A	48- 77346A45	Black Max
13.3	17	Alum	3	N/A	48- 77344A45	Black Max
13.3	16	Alum	3	N/A	48-854360A45	Black Max
13.8	15	Alum	3	N/A	48- 77342A45	Black Max
13.9	14	Alum	3	N/A	48-854352A45	Black Max
14	13	Alum	3	N/A	48- 77340A45	Black Max
14	11	Alum	3	N/A	48- 77338A45	Black Max
14	10	Alum	3	N/A	48-854342A45	Black Max
14	9	Alum	3	N/A	48-854340A45	Black Max
12.8	19	Alum	4	N/A	48-8M8026600	Spitfire
12.8	17	Alum	4	N/A	48-8M8026590	Spitfire
12.8	15	Alum	4	N/A	48-8M8026580	Spitfire
13.8	13	Alum	4	N/A	48-8M8026570	Spitfire Pontoon(2)
13.8	11	Alum	4	N/A	48-8M8026560	Spitfire Pontoon(2)
13.8	10	Alum	4	N/A	48-8M8026555	Spitfire Pontoon(2)
12.7	21	SS	4	N/A	48-8M0151364	Spitfire X7(1)
12.7	19	SS	4	N/A	48-8M0151363	Spitfire X7(1)
13	17	SS	4	N/A	48-8M0151362	Spitfire X7(1)
13.5	15	SS	4	N/A	48-8M0151361	Spitfire X7(1)

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
14	13	SS	4	N/A	48-8M0151360	Spitfire X7(1)
13	18	SS	3	N/A	48-8M0151402	Vengeance
13.1	16	SS	3	N/A	48-8M0151401	Vengeance
13.3	15	SS	3	N/A	48-8M0151400	Vengeance
13.4	14	SS	3	N/A	48-8M0151399	Vengeance
14	12	SS	3	N/A	48-8M0151398	Vengeance
14	10	SS	3	N/A	48-8M0151397	Vengeance
13.8	26	SS	4	N/A	48-8M0151395	Trophy Plus(1)
13.8	25	SS	4	N/A	48-8M0151394	Trophy Plus(1)
13.8	24	SS	4	N/A	48-8M0151393	Trophy Plus(1)
13.8	23	SS	4	N/A	48-8M0151392	Trophy Plus(1)
13.8	21	SS	4	N/A	48-8M0151391	Trophy Plus(1)
13.8	19	SS	4	N/A	48-8M0151390	Trophy Plus(1)
13.8	17	SS	4	N/A	48-8M0151389	Trophy Plus(1)

(1) Performance Vent System

(2) For superior performance and holding on pontoon applications

Non-Mercury Outboard/Sterndrive (4.75" Gearcase)

Non-Mercury Outboards & Sterndrives (4.75" Gearcase)
Evinrude/Johnson/OMC (1991 and newer) - use hub kit 835265Q02
Evinrude/Johnson/OMC (1990 and older) - use hub kit 835267Q1
Evinrude ETEC G2 (2015 and newer) - use hub kit 8M0107220
Honda 135-225 HP - use hub kit 835278Q1
Suzuki 150-300 HP - use hub kit 835281Q1
Yamaha 150-300 HP including SHO (2015 and newer) - use hub kit 835274Q1
Yamaha 200-250 HP SHO (2014 and older) - use hub kit 8M0075402

Aluminum propellers include hub kit
Stainelss steel propelles, hub kit sold separately

EC propellers contain extra cup for pontoon applications

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
14	12	Alum	4	N/A	48-8M0084491	SpitFire
14	14	Alum	4	N/A	48-8M0084493	SpitFire
14	17	Alum	4	N/A	48-8M0084494	SpitFire
14	19	Alum	4	N/A	48-8M0084495	SpitFire
14	21	Alum	4	N/A	48-8M0084496	SpitFire
14	23	Alum	4	N/A	48-8M0084497	SpitFire
14	23	Alum	3	N/A	48-832834A45	Black Max
14.3	21	Alum	3	N/A	48-832832A45	Black Max
14.5	19	Alum	3	N/A	48-832830A45	Black Max
15.5	18	Alum	3	N/A	48- 11324A45	Black Max
15	17	Alum	3	N/A	48-832828A45	Black Max
16	16	Alum	3	N/A	48- 16440A45	Black Max
15.3	15	Alum	3	N/A	48- 78116A45	Black Max
15.3	15	Alum	3	N/A	48- 78116CP1	Black Max - EC
16	14	Alum	3	N/A	48- 16438A45	Black Max
16	14	Alum	3	N/A	48- 16438CP1	Black Max - EC
16	13	Alum	3	N/A	48- 78114A45	Black Max
16	13	Alum	3	N/A	48- 78114CP1	Black Max - EC
16	12	Alum	3	N/A	48- 16436A45	Black Max
16	12	Alum	3	N/A	48- 16436CP1	Black Max - EC
16	11	Alum	3	N/A	48- 78112A45	Black Max
13.8	21	SS	3	N/A	48-8M0151408	Vengeance
14	19	SS	3	48-8M0151406	48-8M0151407	Vengeance
14.5	17	SS	3	48-8M0151404	48-8M0151405	Vengeance
14.5	15	SS	3	N/A	48-8M0151403	Vengeance

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
13.5	22	SS	3	N/A	48-8M0151245	Enertia
13.6	21	SS	3	48-8M0151242	48-8M0151243	Enertia
13.8	20	SS	3	N/A	48-8M0151241	Enertia
14	19	SS	3	48-8M0151238	48-8M0151239	Enertia
14.2	18	SS	3	N/A	48-8M0151237	Enertia
14.5	17	SS	3	48-8M0151234	48-8M0151235	Enertia
14.7	16	SS	3	N/A	48-8M0151233	Enertia
15	15	SS	3	48-8M0151230	48-8M0151231	Enertia
15.3	14	SS	3	48-8M0151228	48-8M0151229	Enertia
15.6	13	SS	3	48-8M0151226	48-8M0151227	Enertia
16	11	SS	3	48-8M0151224	48-8M0151225	Enertia
16	17	SS	3	48-8M0151250	48-8M0151251	Enertia ECO
16	18	SS	3	48-8M0151252	48-8M0151253	Enertia ECO
16	19	SS	3	48-8M0151254	48-8M0151255	Enertia ECO
16	20	SS	3	48-8M0151256	48-8M0151257	Enertia ECO
16	21	SS	3	48-8M0151258	48-8M0151259	Enertia ECO
16	22	SS	3	48-8M0151260	48-8M0151261	Enertia ECO
16	23	SS	3	48-8M0151262	48-8M0151263	Enertia ECO
14.5	25	SS	3	N/A	48-8M0151313	Mirage Plus
14.6	23	SS	3	48-8M0151311	48-8M0151312	Mirage Plus
14.8	21	SS	3	48-8M0151309	48-8M0151310	Mirage Plus
15.3	19	SS	3	48-8M0151307	48-8M0151308	Mirage Plus
15.5	17	SS	3	48-8M0151303	48-8M0151304	Mirage Plus
15.8	15	SS	3	48-8M0151301	48-8M0151302	Mirage Plus
14	22	SS	3	N/A	48-8M0151270	Fury
14	23	SS	3	N/A	48-8M0151271	Fury
14	24	SS	3	N/A	48-8M0151272	Fury
14	25	SS	3	N/A	48-8M0151273	Fury
14	26	SS	3	N/A	48-8M0151274	Fury
14	27	SS	3	N/A	48-8M0151275	Fury
14.5	23	SS	4	N/A	48-8M0151278	Fury 4
14.5	24	SS	4	N/A	48-8M0151279	Fury 4
14.5	25	SS	4	N/A	48-8M0151280	Fury 4
14.5	26	SS	4	N/A	48-8M0151281	Fury 4
14.6	27	SS	3	N/A	48-8M0151388	Tempest Plus
14.6	26	SS	3	N/A	48-8M0151387	Tempest Plus
14.6	25	SS	3	N/A	48-8M0151386	Tempest Plus
14.6	24	SS	3	N/A	48-8M0151385	Tempest Plus
14.6	23	SS	3	N/A	48-8M0151384	Tempest Plus
14.6	22	SS	3	N/A	48-8M0151383	Tempest Plus
14.6	21	SS	3	N/A	48-8M0151382	Tempest Plus
14.6	19	SS	3	N/A	48-8M0151381	Tempest Plus
14.6	17	SS	3	N/A	48-8M0151380	Tempest Plus
13.8	26	SS	4	N/A	48-8M0151395	Trophy Plus (SM)
13.8	25	SS	4	N/A	48-8M0151394	Trophy Plus (SM)
13.8	24	SS	4	N/A	48-8M0151393	Trophy Plus (SM)
13.8	23	SS	4	N/A	48-8M0151392	Trophy Plus (SM)
13.8	21	SS	4	N/A	48-8M0151391	Trophy Plus (SM)
13.8	19	SS	4	N/A	48-8M0151390	Trophy Plus (SM)
13.8	17	SS	4	N/A	48-8M0151389	Trophy Plus (SM)
13.3	21	SS	5	N/A	48-8M0151292	HighFive
13.3	19	SS	5	N/A	48-8M0151291	HighFive
13.5	17	SS	5	N/A	48-8M0151290	HighFive
14.6	25	SS	4	48-8M0151328	48-8M0151329	Revolution 4
14.6	23	SS	4	48-8M0151326	48-8M0151327	Revolution 4
14.6	21	SS	4	48-8M0151324	48-8M0151325	Revolution 4

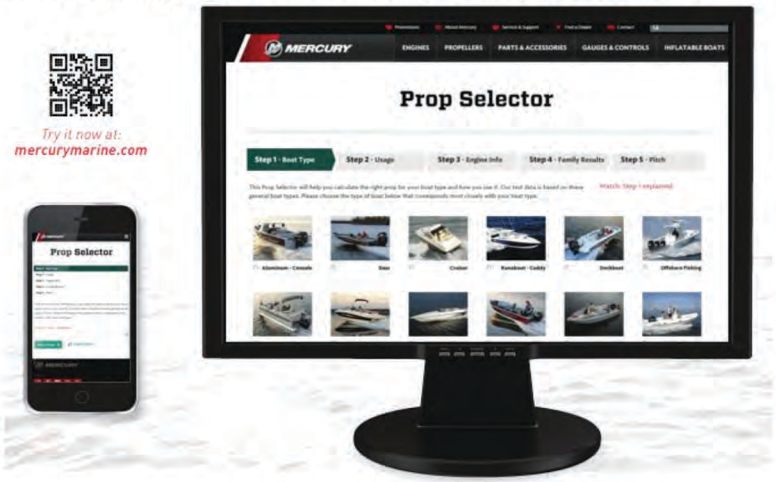
Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
14.6	20	SS	4	48-8M0151322	48-8M0151323	Revolution 4
14.6	19	SS	4	48-8M0151320	48-8M0151321	Revolution 4
14.6	18	SS	4	48-8M0151318	48-8M0151319	Revolution 4
14.6	17	SS	4	48-8M0151316	48-8M0151317	Revolution 4
14.6	15	SS	4	48-8M0151314	48-8M0151315	Revolution 4
15.3	32	SS	4	48-8M0151220	48-8M0151221	Bravo I
15.3	30	SS	4	48-8M0151218	48-8M0151219	Bravo I
15.3	28	SS	4	48-8M0151216	48-8M0151217	Bravo I
15.3	26	SS	4	48-8M0151214	48-8M0151215	Bravo I
15.3	24	SS	4	48-8M0151212	48-8M0151213	Bravo I
15.3	22	SS	4	48-8M0151210	48-8M0151211	Bravo I

PROPELLER SELECTING TOOLS

Mercury Propeller Selecting Tools Available:

1. Mercury Propeller Selector on mercurymarine.com

a. Follow the required steps. Choose the boat type, engine and detailed boat information (Length, Weight or Current Performance) to identify an estimated pitch and propeller offering



2. Mercury Outboard Propeller Rigging Charts

a. Choose an engine and boat type combination from the following charts.
b. Identify the line with the customer's boat weight (with engine, fuel, people and gear) and approximate speed. This will result in a propeller and pitch recommendation for the application
c. Not all propellers are shown helping identify the best performing propellers for the specific application
d. Only current Mercury outboards are shown, refer to the application charts for additional engine offerings

Example Rigging Chart:

Verado 250 HP and 250 HP Pro FourStroke - Freshwater Fish / Runabout / Fish and Ski

Engine RPM Range: 5800-6400 Gearcase Ratio: 1.85:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
14.62"	25	4	2500-2800	69-78	48-857032A46	Revolution 4	Comp Series
14.62"	23	4	2700-3100	63-71	48-857030A46	Revolution 4	Comp Series
14.62"	21	4	3100-3500	57-64	48-857028A46	Revolution 4	Comp Series
14.62"	20	4	3250-3750	54-61	48-8M0070052	Revolution 4	Comp Series
14.62"	19	4	3400-4000	51-58	48-857026A46	Revolution 4	Comp Series
14.62"	17	4	3900-5000	39-49	48-857024A46	Revolution 4	Comp Series
14.62"	15	4	4600-6000	35-45	48-857022A46	Revolution 4	Comp Series
13.45"	22	3	2900-3300	60-68	48-899202A46	Enertia	Comp Series
13.63"	21	3	3100-3500	57-64	48-899002A46	Enertia	Comp Series
13.80"	20	3	3250-3750	54-61	48-899000A46	Enertia	Comp Series
14.00"	19	3	3400-4000	51-58	48-898998A46	Enertia	Comp Series
14.22"	18	3	3650-4500	45-54	48-898996A46	Enertia	Comp Series
14.45"	17	3	3900-5000	39-49	48-898994A46	Enertia	Comp Series
14.72"	16	3	4300-5500	37-47	48-898992A46	Enertia	Comp Series
15.00"	15	3	4600-6000	35-45	48-898990A46	Enertia	Comp Series
14.62"	23	3	2700-3100	63-71	48-825864A47	Tempest Plus	Elite Series
14.62"	23	3	2700-3100	63-71	48-8M8026820	Tempest Plus	Elite Series
14.62"	21	3	3100-3500	57-64	48-825862A47	Tempest Plus	Elite Series
14.62"	19	3	3400-4000	51-58	48-825860A47	Tempest Plus	Elite Series
14.62"	17	3	3900-5000	39-49	48-8M8026790	Tempest Plus	Elite Series

MERCURY PROPELLER RIGGING CHART

FRESHWATER FISH / RUNABOUT / FISH AND SKI / MOD V / V BOTTOM: 60 - 400 HP

Verado 350 HP and 400 HP – Freshwater Fish / Runabout / Fish and Ski

Engine RPM Range: 350 HP 5800-6400, 400 HP 6200-6800 Gearcase Ratio: 1.75:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH Part Number	Description	Performance Category
16	23	3	3700-4200	65-74	48-8M0151263	Enertia ECO	Comp Series
16	22	3	3900-4500	63-70	48-8M0151261	Enertia ECO	Comp Series
16	21	3	4200-4700	59-66	48-8M0151259	Enertia ECO	Comp Series
16	20	3	4400-5000	56-63	48-8M0151257	Enertia ECO	Comp Series
16	19	3	4600-5300	53-60	48-8M0151255	Enertia ECO	Comp Series
16	18	3	4900-5800	49-55	48-8M0151253	Enertia ECO	Comp Series
16	17	3	5300-6300	46-53	48-8M0151251	Enertia ECO	Comp Series
14.6	25	4	3300-3800	71-81	48-8M0151329	Revolution 4	Comp Series
14.6	23	4	3700-4200	65-74	48-8M0151327	Revolution 4	Comp Series
14.6	21	4	4200-4700	59-66	48-8M0151325	Revolution 4	Comp Series
14.6	20	4	4400-5000	56-63	48-8M0151323	Revolution 4	Comp Series
14.6	19	4	4600-5300	53-60	48-8M0151321	Revolution 4	Comp Series
14.6	18	4	5000-5600	49-56	48-8M0151319	Revolution 4	Comp Series
14.6	17	4	5300-6300	46-53	48-8M0151317	Revolution 4	Comp Series
14.6	15	4	6300-7500	39-46	48-8M0151315	Revolution 4	Comp Series
14.6	23	3	3700-4200	65-74	48-8M0151384	Tempest Plus	Elite Series
14.6	22	3	3900-4500	62-70	48-8M0151383	Tempest Plus	Elite Series
14.6	21	3	4200-4700	59-66	48-8M0151382	Tempest Plus	Elite Series
14.6	19	3	4600-5300	53-60	48-8M0151381	Tempest Plus	Elite Series

Verado 300 HP and 300 HP Pro FourStroke – Freshwater Fish / Runabout / Fish and Ski

For 300 L6 Verado and 300 HP Pro L6 FourStroke (2018 and older), Engine RPM Range: 5800-6400, Gearcase Ratio: 1.75:1 or 1.85:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
14.6	25	4	2800-3300	71-81	48-8M0151329	Revolution 4	Comp Series
14.6	23	4	3100-3600	65-74	48-8M0151327	Revolution 4	Comp Series
14.6	21	4	3600-4100	59-66	48-8M0151325	Revolution 4	Comp Series
14.6	20	4	3800-4300	56-63	48-8M0151323	Revolution 4	Comp Series
14.6	19	4	4000-4600	53-60	48-8M0151321	Revolution 4	Comp Series
14.6	18	4	4300-4800	49-56	48-8M0151319	Revolution 4	Comp Series
14.6	17	4	4600-5400	46-53	48-8M0151317	Revolution 4	Comp Series
14.6	15	4	5400-6500	39-46	48-8M0151315	Revolution 4	Comp Series
13.4	22	3	3300-3800	62-70	48-8M0151245	Enertia	Comp Series
13.6	21	3	3600-4100	59-66	48-8M0151243	Enertia	Comp Series
13.8	20	3	3800-4300	56-63	48-8M0151241	Enertia	Comp Series
14	19	3	4000-4600	53-60	48-8M0151239	Enertia	Comp Series
14	18	3	4300-4900	50-56	48-8M0151237	Enertia	Comp Series
14.4	17	3	4600-5400	46-53	48-8M0151235	Enertia	Comp Series
14.7	16	3	4900-5800	43-50	48-8M0151233	Enertia	Comp Series
15	15	3	5400-6500	39-46	48-8M0151231	Enertia	Comp Series
14.6	23	3	3100-3600	65-74	48-8M0151384	Tempest Plus	Elite Series
14.6	22	3	3300-3800	62-70	48-8M0151383	Tempest Plus	Elite Series
14.6	21	3	3600-4100	59-66	48-8M0151382	Tempest Plus	Elite Series
14.6	19	3	4000-4600	53-60	48-8M0151381	Tempest Plus	Elite Series
14.6	17	3	4600-5400	46-53	48-8M0151380	Tempest Plus	Elite Series

Verado 250 HP and 250 HP Pro FourStroke – Freshwater Fish / Runabout / Fish and Ski

Engine RPM Range: 5800-6400 Gearcase Ratio: 1.85:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
14.6	25	4	2500-2800	69-78	48-8M0151329	Revolution 4	Comp Series
14.6	23	4	2700-3100	63-71	48-8M0151327	Revolution 4	Comp Series
14.6	21	4	3100-3500	57-64	48-8M0151325	Revolution 4	Comp Series
14.6	20	4	3250-3750	54-61	48-8M0151323	Revolution 4	Comp Series
14.6	19	4	3400-4000	51-58	48-8M0151321	Revolution 4	Comp Series
14.6	18	4	3750-4400	47-54	48-8M0151319	Revolution 4	Comp Series
14.6	17	4	3900-5000	39-49	48-8M0151317	Revolution 4	Comp Series
14.6	15	4	4600-6000	35-45	48-8M0151315	Revolution 4	Comp Series
13.4	22	3	2900-3300	60-68	48-8M0151245	Enertia	Comp Series
13.6	21	3	3100-3500	57-64	48-8M0151243	Enertia	Comp Series
13.8	20	3	3250-3750	54-61	48-8M0151241	Enertia	Comp Series
14	19	3	3400-4000	51-58	48-8M0151239	Enertia	Comp Series
14.2	18	3	3650-4500	45-54	48-8M0151237	Enertia	Comp Series
14.4	17	3	3900-5000	39-49	48-8M0151235	Enertia	Comp Series
14.7	16	3	4300-5500	37-47	48-8M0151233	Enertia	Comp Series
15	15	3	4600-6000	35-45	48-8M0151231	Enertia	Comp Series
14.6	23	3	2700-3100	63-71	48-8M0151384	Tempest Plus	Elite Series
14.6	22	3	2700-3100	63-71	48-8M0151383	Tempest Plus	Elite Series
14.6	21	3	3100-3500	57-64	48-8M0151382	Tempest Plus	Elite Series
14.6	19	3	3400-4000	51-58	48-8M0151381	Tempest Plus	Elite Series
14.6	17	3	3900-5000	39-49	48-8M0151380	Tempest Plus	Elite Series

Verado 225 HP and 225 HP Pro FourStroke – Freshwater Fish / Runabout / Fish and Ski

Engine RPM Range: 5800-6400 Gearcase Ratio: 1.85:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
14.6	25	4	2200-2500	69-78	48-8M0151329	Revolution 4	Comp Series
14.6	23	4	2500-2800	63-71	48-8M0151327	Revolution 4	Comp Series
14.6	21	4	2800-3200	57-64	48-8M0151325	Revolution 4	Comp Series
14.6	20	4	2950-3400	54-61	48-8M0151323	Revolution 4	Comp Series
14.6	19	4	3100-3600	51-58	48-8M0151321	Revolution 4	Comp Series
14.6	18	4	3300-3700	48-54	48-8M0151319	Revolution 4	Comp Series
14.6	17	4	3500-4100	45-52	48-8M0151317	Revolution 4	Comp Series
14.6	15	4	4100-5500	35-45	48-8M0151315	Revolution 4	Comp Series
13.4	22	3	2700-3100	60-68	48-8M0151245	Enertia	Comp Series
13.6	21	3	2800-3200	57-64	48-8M0151243	Enertia	Comp Series
13.8	20	3	2950-3400	54-61	48-8M0151241	Enertia	Comp Series
14	19	3	3100-3600	51-58	48-8M0151239	Enertia	Comp Series
14.2	18	3	3300-3850	48-55	48-8M0151237	Enertia	Comp Series
14.4	17	3	3500-4100	45-52	48-8M0151235	Enertia	Comp Series
14.7	16	3	3800-4800	40-49	48-8M0151233	Enertia	Comp Series
15	15	3	4100-5500	35-45	48-8M0151231	Enertia	Comp Series
14.6	23	3	2500-2800	63-71	48-8M0151384	Tempest Plus	Elite Series
14.6	22	3	2700-3100	60-68	48-8M0151383	Tempest Plus	Elite Series
14.6	21	3	2800-3200	57-64	48-8M0151382	Tempest Plus	Elite Series
14.6	19	3	3100-3600	51-58	48-8M0151381	Tempest Plus	Elite Series
14.6	17	3	3500-4100	45-52	48-8M0151380	Tempest Plus	Elite Series

MERCURY PROPELLER RIGGING CHART

Pro FourStroke 200 HP - V6 - Freshwater Fish / Runabout / Fish and Ski

Engine RPM Range: 5800 - 6400 Gearcase Ratio 1.85:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
13.5	22	3	2300-2600	59-68	48-8M0151245	Enertia	Comp Series
13.6	21	3	2500-2800	57-64	48-8M0151243	Enertia	Comp Series
13.8	20	3	2750-2950	54-63	48-8M0151241	Enertia	Comp Series
14	19	3	2800-3200	51-58	48-8M0151239	Enertia	Comp Series
14.3	18	3	2950-3450	47-55	48-8M0151237	Enertia	Comp Series
14.5	17	3	3100-3700	45-52	48-8M0151235	Enertia	Comp Series
14.7	16	3	3350-4250	41-50	48-8M0151233	Enertia	Comp Series
15	15	3	3600-4400	38-47	48-8M0151231	Enertia	Comp Series
14.6	23	3	2200-2500	63-71	48-8M0151383	Tempest Plus	Elite Series
14.6	21	3	2500-2800	57-64	48-8M0151382	Tempest Plus	Elite Series
14.6	19	3	2800-3200	51-58	48-8M0151381	Tempest Plus	Elite Series
14.6	17	3	3000-3500	45-52	48-8M0151380	Tempest Plus	Elite Series
14	23	3	2200-2500	63-71	48-8M0084497	SpitFire	Elite Series
14	21	3	2500-2800	57-64	48-8M0084496	SpitFire	Elite Series
14	19	3	2800-3200	51-58	48-8M0084495	SpitFire	Elite Series
14	17	3	2200-2500	63-71	48-8M0084494	SpitFire	Elite Series
14.3	21	3	2500-2800	57-64	48-832832A45	Black Max	Sport Series
14.5	19	3	2800-3200	51-58	48-832830A45	Black Max	Sport Series
15	17	3	2500-2800	45-52	48-832828A45	Black Max	Sport Series

Verado 200 HP – 4Cyl - Freshwater Fish / Runabout / Fish and Ski

Engine RPM Range: 5800-6400 Gearcase Ratio: 2.08:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
13.4	22	3	2800-3200	51-58	48-8M0151245	Enertia	Comp Series
13.6	21	3	2900-3300	49-55	48-8M0151243	Enertia	Comp Series
13.8	20	3	3000-3600	46-53	48-8M0151241	Enertia	Comp Series
14	19	3	3300-3900	43-50	48-8M0151239	Enertia	Comp Series
14.2	18	3	3500-4300	39-47	48-8M0151237	Enertia	Comp Series
14.4	17	3	3800-4700	36-44	48-8M0151235	Enertia	Comp Series
14.7	16	3	4100-5200	33-41	48-8M0151233	Enertia	Comp Series
15	15	3	4400-6000	29-38	48-8M0151231	Enertia	Comp Series
14.6	21	3	2900-3300	49-55	48-8M0151382	Tempest Plus	Elite Series
14.6	19	3	3300-3900	43-50	48-8M0151381	Tempest Plus	Elite Series
14.6	17	3	3800-4700	36-44	48-8M0151380	Tempest Plus	Elite Series
14	21	3	2900-3300	49-55	48-8M0084496	SpitFire	Elite Series
14	19	3	3300-3900	43-50	48-8M0084495	SpitFire	Elite Series
14	17	3	3800-4700	36-44	48-8M0084494	SpitFire	Elite Series
14.3	21	3	2900-3300	49-55	48-832832A45	Black Max	Sport Series
14.5	19	3	3300-3900	43-50	48-832830A45	Black Max	Sport Series
15	17	3	3800-4700	36-44	48-832828A45	Black Max	Sport Series
15.3	15	3	4400-6000	29-38	48- 78116A45	Black Max	Sport Series

150 HP FourStroke - Freshwater Fish / Runabout / Fish and Ski

Engine RPM Range: 5000-5800 Gearcase Ratio: 1.92:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
13.5	22	3	2100-2600	47-57	48-8M0151245	Enertia	Comp Series
13.6	21	3	2200-2800	44-54	48-8M0151243	Enertia	Comp Series
13.8	20	3	2300-3000	42-52	48-8M0151241	Enertia	Comp Series
14	19	3	2500-3200	39-49	48-8M0151239	Enertia	Comp Series
14.3	18	3	2700-3200	35-46	48-8M0151237	Enertia	Comp Series
14.5	17	3	2900-4000	32-43	48-8M0151235	Enertia	Comp Series
14.8	16	3	3100-4500	29-40	48-8M0151233	Enertia	Comp Series

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
15	15	3	3400-5100	26-37	48-8M0151231	Enertia	Comp Series
15.1	14	3	3800-6200	22-34	48-8M0151229	Enertia	Comp Series
14.6	25	3	1800-2200	55-65	48-8M0151386	Tempest Plus	Elite Series
14.6	24	3	1900-2300	53-62	48-8M0151385	Tempest Plus	Elite Series
14.6	23	3	2000-2400	50-60	48-8M0151384	Tempest Plus	Elite Series
14.6	22	3	2100-2600	47-57	48-8M0151383	Tempest Plus	Elite Series
14.6	21	3	2200-2800	44-54	48-8M0151382	Tempest Plus	Elite Series
14.6	19	3	2500-3200	39-49	48-8M0151381	Tempest Plus	Elite Series
14.6	17	3	2900-4000	32-43	48-8M0151380	Tempest Plus	Elite Series

115 CT Pro XS FourStroke - Freshwater Fish

Engine RPM Range: 5300-6300 Gearcase Ratio: 2.38:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
14.6	22	3	2000-2700	38-50	48-8M0151383	Tempest Plus	Elite Series
14.6	21	3	2100-2900	35-47	48-8M0151382	Tempest Plus	Elite Series
14.6	19	3	2400-3500	30-42	48-8M0151381	Tempest Plus	Elite Series
14.6	17	3	2700-4500	24-37	48-8M0151380	Tempest Plus	Elite Series
14	21	4	2100-2900	35-47	48-8M0084496	SpitFire	Elite Series
14	19	4	2400-3500	30-42	48-8M0084495	SpitFire	Elite Series
14	17	4	2700-4500	24-37	48-8M0084494	SpitFire	Elite Series
15	21	3	2100-2900	35-47	48-832832A45	Black Max	Sport Series
14.5	19	3	2400-3500	30-42	48-832830A45	Black Max	Sport Series
15	17	3	2700-4500	24-37	48-832828A45	Black Max	Sport Series

115 STD Pro XS FourStroke - Freshwater Fish

Engine RPM Range: 5300-6300 Gearcase Ratio: 2.07:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
12.7	21	4	1800-2300	43-55	48-8M0151364	SpitFire X7	Elite Series
12.7	19	4	2000-2700	38-49	48-8M0151363	SpitFire X7	Elite Series
13	17	4	2300-3300	31-44	48-8M0151362	SpitFire X7	Elite Series
13.5	15	4	2700-4300	25-37	48-8M0151361	SpitFire X7	Elite Series
13	18	3	2100-2900	35-46	48-8M0151402	Vengeance	Sport Series
13.1	16	3	2400-3800	28-41	48-8M0151401	Vengeance	Sport Series
13.3	15	3	2700-4300	25-37	48-8M0151400	Vengeance	Sport Series
12.8	19	4	2000-2700	38-49	48-8M8026600	SpitFire	Elite Series
12.8	17	4	2300-3300	31-44	48-8M8026590	SpitFire	Elite Series
12.8	15	4	2700-4300	25-37	48-8M8026580	SpitFire	Elite Series
12.5	23	3	1600-2000	49-60	48- 77350A45	Black Max	Sport Series
12.8	21	3	1800-2300	43-55	48- 77348A45	Black Max	Sport Series
13	19	3	2000-2700	38-49	48- 77346A45	Black Max	Sport Series
13.3	17	3	2300-3300	31-44	48- 77344A45	Black Max	Sport Series
13.3	16	3	2400-3800	28-41	48-854360A45	Black Max	Sport Series

115 CT HP FourStroke - Freshwater Fish / Runabout / Fish and Ski

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.38:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
13.5	22	3	2000-2800	35-47	48-8M0151245	Enertia	Comp Series
13.8	21	3	2100-3100	32-45	48-8M0151243	Enertia	Comp Series
13.8	20	3	2300-3500	29-42	48-8M0151241	Enertia	Comp Series
14	19	3	2400-3700	27-40	48-8M0151239	Enertia	Comp Series
14.2	18	3	2600-4300	24-37	48-8M0151237	Enertia	Comp Series
14.5	17	3	2800-5000	21-35	48-8M0151235	Enertia	Comp Series
14.7	16	3	3100-5600	19-32	48-8M0151233	Enertia	Comp Series
15	15	3	3500-6700	16-29	48-8M0151231	Enertia	Comp Series
15.3	14	3	3900-7800	14-26	48-8M0151229	Enertia	Comp Series

Not all parts listed are available for the European, C.I.S., Africa and Middle East Markets. For more information, please contact your local Mercury, Mariner, MerCruiser or Quicksilver Office.

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
15.6	13	3	4300-10300	11-24	48-8M0151227	Enertia	Comp Series
16	11	3	7000+	1-18	48-8M0151225	Enertia	Comp Series
14.6	23	3	1900-2600	38-49	48-8M0151384	Tempest Plus	Elite Series
14.6	22	3	2000-2800	35-47	48-8M0151383	Tempest Plus	Elite Series
14.6	21	3	2100-3100	32-45	48-8M0151382	Tempest Plus	Elite Series
14.6	19	3	2400-3700	27-40	48-8M0151381	Tempest Plus	Elite Series
14.6	17	3	2800-5000	21-35	48-8M0151380	Tempest Plus	Elite Series
14	23	4	1900-2600	38-49	48-8M0084497	SpitFire	Elite Series
14	21	4	2100-3100	32-45	48-8M0084496	SpitFire	Elite Series
14	19	4	2400-3700	27-40	48-8M0084495	SpitFire	Elite Series
14	17	4	2800-5000	21-35	48-8M0084494	SpitFire	Elite Series
14	14	4	3900-7800	14-26	48-8M0084493	SpitFire	Elite Series
14	12	4	7000+	1-24	48-8M0084491	SpitFire	Elite Series
14.5	19	3	2400-3700	27-40	48-832830A45	Black Max	Sport Series
15	17	3	2800-5000	21-35	48-832828A45	Black Max	Sport Series
15.3	15	3	3500-6700	16-29	48- 78116A45	Black Max	Sport Series
16	13	3	4300-10300	11-24	48- 78114A45	Black Max	Sport Series
16	12	3	5000+	9-21	48- 16436A45	Black Max	Sport Series
16	11	3	7000+	1-18	48- 78112A45	Black Max	Sport Series

115 STD HP FourStroke - Freshwater Fish / Runabout / Fish and Ski

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.07:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
12.7	21	4	1800-2400	40-52	48-8M0151364	SpitFire X7	Elite Series
12.7	19	4	2000-2900	34-47	48-8M0151363	SpitFire X7	Elite Series
13	17	4	2300-3600	28-41	48-8M0151362	SpitFire X7	Elite Series
13.5	15	4	2800-4700	22-35	48-8M0151361	SpitFire X7	Elite Series
14	13	4	3500-6700	16-29	48-8M0151360	SpitFire X7	Elite Series
13	18	3	2200-3200	31-44	48-8M0151402	Vengeance	Sport Series
13.1	16	3	2500-4100	25-38	48-8M0151401	Vengeance	Sport Series
13.3	15	3	2800-4700	22-35	48-8M0151400	Vengeance	Sport Series
13.3	14	3	3100-5600	19-32	48-8M0151399	Vengeance	Sport Series
14	12	3	3900-8500	13-26	48-8M0151398	Vengeance	Sport Series
12.8	19	4	2000-2900	34-47	48-8M8026600	SpitFire	Elite Series
12.8	17	4	2300-3600	28-41	48-8M8026590	SpitFire	Elite Series
12.8	15	4	2800-4700	22-35	48-8M8026580	SpitFire	Elite Series
13.8	13	4	3500-6700	16-29	48-8M8026570	SpitFire	Elite Series
13.8	11	4	4500-11500	10-23	48-8M8026560	SpitFire	Elite Series
12.5	23	3	1600-2100	45-57	48- 77350A45	Black Max	Sport Series
12.8	21	3	1800-2400	40-52	48- 77348A45	Black Max	Sport Series
13	19	3	2000-2900	34-47	48- 77346A45	Black Max	Sport Series
13.3	17	3	2300-3600	28-41	48- 77344A45	Black Max	Sport Series
13.3	16	3	2500-4100	25-38	48-854360A45	Black Max	Sport Series
13.8	15	3	2800-4700	22-35	48- 77342A45	Black Max	Sport Series
13.8	14	3	3100-5600	19-32	48-854352A45	Black Max	Sport Series
14	13	3	3500-6700	16-29	48- 77340A45	Black Max	Sport Series
14	11	3	4700+	1-23	48- 77338A45	Black Max	Sport Series

90 CT HP FourStroke - Freshwater Fish / Runabout / Fish and Ski

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.38:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
13.8	21	3	1600-2400	32-45	48-8M0151243	Enertia	Comp Series
13.8	20	3	1800-2700	29-42	48-8M0151241	Enertia	Comp Series
14	19	3	1900-2900	27-40	48-8M0151239	Enertia	Comp Series
14.2	18	3	2100-3300	24-37	48-8M0151237	Enertia	Comp Series
14.5	17	3	2200-3900	21-35	48-8M0151235	Enertia	Comp Series
14.7	16	3	2400-4400	19-32	48-8M0151233	Enertia	Comp Series
15	15	3	2700-5300	16-29	48-8M0151231	Enertia	Comp Series
15.3	14	3	3100-6100	14-26	48-8M0151229	Enertia	Comp Series
15.6	13	3	3300-8100	11-24	48-8M0151227	Enertia	Comp Series
16	11	3	6000+	1-18	48-8M0151225	Enertia	Comp Series
13.8	21	3	1600-2400	32-45	48-8M0151408	Vengeance	Sport Series
14	19	3	1900-2900	27-40	48-8M0151407	Vengeance	Sport Series
14.5	17	3	2200-3900	21-35	48-8M0151405	Vengeance	Sport Series
14	21	4	1600-2400	32-45	48-8M0084496	SpitFire	Elite Series
14	19	4	1900-2900	27-40	48-8M0084495	SpitFire	Elite Series
14	17	4	2200-3900	21-35	48-8M0084494	SpitFire	Elite Series
14	14	4	3300-8100	11-24	48-8M0084493	SpitFire	Elite Series
14	12	4	6000+	1-18	48-8M0084491	SpitFire	Elite Series
14	23	3	1500-1900	38-49	48-832834A45	Black Max	Sport Series
14.3	21	3	1600-2400	32-45	48-832832A45	Black Max	Sport Series
14.5	19	3	1900-2900	27-40	48-832830A45	Black Max	Sport Series
15	17	3	2200-3900	21-35	48-832828A45	Black Max	Sport Series
15.3	15	3	2700-5300	16-29	48- 78116A45	Black Max	Sport Series
16	13	3	3300-8100	11-24	48- 78114A45	Black Max	Sport Series
16	11	3	6000+	1-18	48- 78112A45	Black Max	Sport Series

90 STD HP FourStroke - Freshwater Fish / Runabout / Fish and Ski

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.07:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
12.7	21	4	1400-1900	40-52	48-8M0151364	SpitFire X7	Elite Series
12.7	19	4	1600-2300	34-47	48-8M0151363	SpitFire X7	Elite Series
13	17	4	1800-2800	28-41	48-8M0151362	SpitFire X7	Elite Series
13.5	15	4	2200-3700	22-35	48-8M0151361	SpitFire X7	Elite Series
13	18	3	4000+	31-44	48-8M0151402	Vengeance	Sport Series
13.1	16	3	2000-3200	25-38	48-8M0151401	Vengeance	Sport Series
13.25	15	3	2200-3700	22-35	48-8M0151400	Vengeance	Sport Series
13.3	14	3	2400-4400	19-32	48-8M0151399	Vengeance	Sport Series
14	12	3	2700-5300	13-26	48-8M0151398	Vengeance	Sport Series
12.8	19	4	1600-2300	34-47	48-8M8026600	SpitFire	Elite Series
12.8	17	4	1800-2800	28-41	48-8M8026590	SpitFire	Elite Series
12.8	15	4	2200-3700	22-35	48-8M8026580	SpitFire	Elite Series
13.8	13	4	2700-5300	16-29	48-8M8026570	SpitFire	Elite Series
13.8	11	4	4000+	10-23	48-8M8026560	SpitFire	Elite Series
12.5	23	3	1300-1600	45-57	48- 77350A45	Black Max	Sport Series
12.75	21	3	1400-1900	40-52	48- 77348A45	Black Max	Sport Series
13	19	3	1600-2300	34-47	48- 77346A45	Black Max	Sport Series
13.25	17	3	1800-2800	28-41	48- 77344A45	Black Max	Sport Series
13.25	16	3	2000-3200	25-38	48-854360A45	Black Max	Sport Series
13.75	15	3	2200-3700	22-35	48- 77342A45	Black Max	Sport Series
13.8	14	3	2400-4400	19-32	48-854352A45	Black Max	Sport Series
14	13	3	2700-5300	16-29	48- 77340A45	Black Max	Sport Series
14	11	3	4000+	1-22	48- 77338A45	Black Max	Sport Series

MERCURY PROPELLER RIGGING CHART

75 STD HP FourStroke - Freshwater Fish (V and Mod V)

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.07:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
12.7	21	4	1300-1900	34-47	48-8M0151364	SpitFire X7	Elite Series
12.7	19	4	1500-2300	29-42	48-8M0151363	SpitFire X7	Elite Series
13	17	4	1700-2900	23-37	48-8M0151362	SpitFire X7	Elite Series
13.5	15	4	2100-3900	18-31	48-8M0151361	SpitFire X7	Elite Series
13	18	3	1600-2500	26-40	48-8M0151402	Vengeance	Sport Series
13.1	16	3	1900-3400	20-34	48-8M0151401	Vengeance	Sport Series
13.25	15	3	2100-3900	18-31	48-8M0151400	Vengeance	Sport Series
13.3	14	3	2300-4700	15-28	48-8M0151399	Vengeance	Sport Series
14	12	3	2900-7500	10-23	48-8M0151398	Vengeance	Sport Series
12.8	19	4	1500-2300	29-42	48-8M8026600	SpitFire	Elite Series
12.8	17	4	1700-2900	23-37	48-8M8026590	SpitFire	Elite Series
12.8	15	4	2100-3900	18-31	48-8M8026580	SpitFire	Elite Series
12.5	23	3	1200-1600	39-52	48- 77350A45	Black Max	Sport Series
12.75	21	3	1300-1900	34-47	48- 77348A45	Black Max	Sport Series
13	19	3	1500-2300	29-42	48- 77346A45	Black Max	Sport Series
13.25	17	3	1700-2900	23-37	48- 77344A45	Black Max	Sport Series
13.25	16	3	1900-3400	20-34	48-854360A45	Black Max	Sport Series
13.75	15	3	2100-3900	18-31	48- 77342A45	Black Max	Sport Series
13.8	14	3	2300-4700	15-28	48-854352A45	Black Max	Sport Series

60 STD HP FourStroke - Freshwater Fish (V and Mod V)

Engine RPM Range: 5500-6000 Gearcase ratio: 2.33:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
10.6	14	4	1300-1700	16-30	48-878616A46	Trophy Sport	Elite Series
10.6	13	4	1500-2000	17-26	48-878614A46	Trophy Sport	Elite Series
10.6	12	4	1700-2500	19-22	48-878612A46	Trophy Sport	Elite Series
10.25	15	3	1200-1600	15-33	48-855862A46	Vengeance	Sport Series
10.4	14	3	1300-1700	16-30	48-855860A46	Vengeance	Sport Series
10.5	13	3	1500-2000	17-26	48-855858A46	Vengeance	Sport Series
10.1	15	4	1200-1600	15-33	48-8M8026640	SpitFire	Elite Series
10.1	14	4	1300-1700	16-30	48-8M8026635	SpitFire	Elite Series
10.3	13	4	1500-2000	17-26	48-8M8026630	SpitFire	Elite Series
10	17	3	1000-1300	13-40	48- 73144A45	Black Max	Sport Series
10	16	3	1100-1400	14-37	48- 73142A45	Black Max	Sport Series
10.1	15	3	1200-1600	15-33	48- 73140A45	Black Max	Sport Series
10.25	14	3	1300-1700	16-30	48- 73138A45	Black Max	Sport Series
10.4	13	3	1500-2000	17-26	48- 73136A45	Black Max	Sport Series

TRI / PONTOON: 40 - 350 HP

Verado 350 HP - Tri / Pontoon (Single and Twin)

Engine RPM Range: 5800 - 6400 Gearcase Ratio 1.75:1

No. of Engine	Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH Part Number	Description	LH Part Number	Performance Category
Single	13.4	22	3	3900-4500	62-70	48-8M0151245	Enertia		Comp Series
Single	13.6	21	3	4200-4700	59-66	48-8M0151243	Enertia		Comp Series
Single	13.8	20	3	4400-5000	56-63	48-8M0151241	Enertia		Comp Series
Single	14	19	3	4600-5300	53-60	48-8M0151239	Enertia		Comp Series
Single	14.2	18	3	5000-5700	50-56	48-8M0151237	Enertia		Comp Series
Single	14.4	17	3	5300-6300	46-53	48-8M0151235	Enertia		Comp Series
Single	14.7	16	3	5700-6700	43-50	48-8M0151233	Enertia		Comp Series

No. of Engine	Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH Part Number	Description	LH Part Number	Performance Category
Single	15	15	3	6300-7500	39-46	48-8M0151231	Enertia		Comp Series
Single	15.3	14	3	6700-8500	35-43	48-8M0151229	Enertia		Comp Series
Single	15.6	13	3	7500-9800	31-39	48-8M0151227	Enertia		Comp Series
Single	16	23	3	3700-4200	65-74	48-8M0151263	Enertia ECO		Comp Series
Single	16	22	3	3900-4500	62-70	48-8M0151261	Enertia ECO		Comp Series
Single	16	21	3	4200-4700	59-66	48-8M0151259	Enertia ECO		Comp Series
Single	16	20	3	4400-5000	56-63	48-8M0151257	Enertia ECO		Comp Series
Single	16	19	3	4600-5300	53-60	48-8M0151255	Enertia ECO		Comp Series
Single	16	18	3	5000-5700	50-56	48-8M0151253	Enertia ECO		Comp Series
Single	16	17	3	5300-6300	46-53	48-8M0151251	Enertia ECO		Comp Series
Single	14.6	25	4	3300-3800	71-81	48-8M0127039	Revolution 4		Comp Series
Single	14.6	23	4	3700-4200	65-74	48-8M0127037	Revolution 4		Comp Series
Single	14.6	21	4	4200-4700	59-66	48-8M0127035	Revolution 4		Comp Series
Single	14.6	20	4	4400-5000	56-63	48-8M0127033	Revolution 4		Comp Series
Single	14.6	19	4	4600-5300	53-60	48-8M0127031	Revolution 4		Comp Series
Single	14.6	18	4	5000-5800	49-56	48-8M0137924	Revolution 4		Comp Series
Single	14.6	17	4	5300-6300	46-53	48-8M0127029	Revolution 4		Comp Series
Single	14.6	15	4	6300-7500	39-46	48-8M0127027	Revolution 4		Comp Series
Twin	13.6	21	3	7000-8300	59-66	48-8M0151243	Enertia	48-8M0151242	Comp Series
Twin	14	19	3	8100-9600	53-60	48-8M0151239	Enertia	48-8M0151238	Comp Series
Twin	14.4	17	3	9600-12200	46-53	48-8M0151235	Enertia	48-8M0151234	Comp Series
Twin	15	15	3	11600-15300	39-46	48-8M0151231	Enertia	48-8M0151230	Comp Series
Twin	16	23	3	5800-7200	65-74	48-8M0151263	Enertia ECO	48-8M0151262	Comp Series
Twin	16	22	3	3900-4500	62-70	48-8M0151261	Enertia ECO	48-8M0151260	Comp Series
Twin	16	21	3	7000-8300	59-66	48-8M0151259	Enertia ECO	48-8M0151258	Comp Series
Twin	16	20	3	7600-9000	56-63	48-8M0151257	Enertia ECO	48-8M0151256	Comp Series
Twin	16	19	3	8100-9600	53-60	48-8M0151255	Enertia ECO	48-8M0151254	Comp Series
Twin	16	18	3	5000-5700	50-56	48-8M0151253	Enertia ECO	48-8M0151252	Comp Series
Twin	16	17	3	9600-12200	46-53	48-8M0151251	Enertia ECO	48-8M0151250	Comp Series
Twin	14.6	25	4	5000-6300	71-81	48-8M0151329	Revolution 4	48-8M0151328	Comp Series
Twin	14.6	23	4	5800-7200	65-74	48-8M0151327	Revolution 4	48-8M0151326	Comp Series
Twin	14.6	21	4	7000-8300	59-66	48-8M0151325	Revolution 4	48-8M0151324	Comp Series
Twin	14.6	20	4	7600-9000	56-63	48-8M0151323	Revolution 4	48-8M0151322	Comp Series
Twin	14.6	19	4	8100-9600	53-60	48-8M0151321	Revolution 4	48-8M0151320	Comp Series
Twin	14.6	18	4	9000-10800	49-56	48-8M0151319	Revolution 4	48-8M0151318	Comp Series
Twin	14.6	17	4	9600-12200	46-53	48-8M0151317	Revolution 4	48-8M0151316	Comp Series
Twin	14.6	15	4	11600-15300	39-46	48-8M0151315	volution 4	48-8M0151314	Comp Series

Verado 300 HP - Tri / Pontoon

Engine RPM Range: 5800-6400 Gearcase Ratio: 1.75:1 and 1.85:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	LH - Part Number	Performance Category
13.4	22	3	3300-3800	62-70	48-8M0151245	Enertia		Comp Series
13.6	21	3	3600-4100	59-66	48-8M0151243	Enertia	48-8M0151242	Comp Series
13.8	20	3	3800-4300	56-63	48-8M0151241	Enertia		Comp Series
14	19	3	4000-4600	53-60	48-8M0151239	Enertia	48-8M0151238	Comp Series
14.2	18	3	4300-4900	50-56	48-8M0151237	Enertia		Comp Series
14.4	17	3	4600-5400	46-53	48-8M0151235	Enertia	48-8M0151234	Comp Series
14.7	16	3	4900-5800	43-50	48-8M0151233	Enertia		Comp Series
15	15	3	5400-6500	39-46	48-8M0151231	Enertia	48-8M0151230	Comp Series
15	14	3	6700-8500	35-43	48-8M0151229	Enertia	48-8M0151228	Comp Series
15	13	3	7500-9800	31-39	48-8M0151227	Enertia	48-8M0151226	Comp Series
16	23	3	3100-3600	65-74	48-8M0151263	Enertia ECO	48-8M0151262	Comp Series
16	22	3	3300-3800	62-70	48-8M0151261	Enertia ECO	48-8M0151260	Comp Series
16	21	3	3600-4100	59-66	48-8M0151259	Enertia ECO	48-8M0151258	Comp Series
16	20	3	3800-4300	56-63	48-8M0151257	Enertia ECO	48-8M0151256	Comp Series
16	19	3	4000-4600	53-60	48-8M0151255	Enertia ECO	48-8M0151254	Comp Series

MERCURY PROPELLER RIGGING CHART

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	LH - Part Number	Performance Category
16	18	3	4300-4900	50-56	48-8M0151253	Enertia ECO	48-8M0151252	Comp Series
16	17	3	4600-5400	46-53	48-8M0151251	Enertia ECO	48-8M0151250	Comp Series
14.6	25	4	2800-3300	71-81	48-8M0151329	Revolution 4	48-8M0151328	Comp Series
14.6	23	4	3100-3600	65-74	48-8M0151327	Revolution 4	48-8M0151326	Comp Series
14.6	21	4	3600-4100	59-66	48-8M0151325	Revolution 4	48-8M0151324	Comp Series
14.6	20	4	3800-4300	56-63	48-8M0151323	Revolution 4	48-8M0151322	Comp Series
14.6	19	4	4000-4600	53-60	48-8M0151321	Revolution 4	48-8M0151320	Comp Series
14.6	18	4	4300-4900	49-56	48-8M0151319	Revolution 4	48-8M0151318	Comp Series
14.6	17	4	4600-5400	46-53	48-8M0151317	Revolution 4	48-8M0151316	Comp Series
14.6	15	4	5400-6500	39-46	48-8M0151315	Revolution 4	48-8M0151314	Comp Series

Verado 250 HP – Tri / Pontoon

Engine RPM Range: 5800-6400 Gearcase Ratio: 1.85:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	LH - Part Number	Performance Category
13.4	22	3	2900-3300	60-68	48-8M0151245	Enertia		Comp Series
13.6	21	3	3100-3500	57-64	48-8M0151243	Enertia	48-8M0151242	Comp Series
13.8	20	3	3250-3750	54-61	48-8M0151241	Enertia		Comp Series
14	19	3	3400-4000	51-58	48-8M0151239	Enertia	48-8M0151238	Comp Series
14.2	18	3	3650-4500	45-54	48-8M0151237	Enertia		Comp Series
14.4	17	3	3900-5000	39-49	48-8M0151235	Enertia	48-8M0151234	Comp Series
14.7	16	3	4300-5500	37-47	48-8M0151233	Enertia		Comp Series
15	15	3	4600-6000	35-45	48-8M0151231	Enertia	48-8M0151230	Comp Series
15	14	3	5000-5500	25-38	48-8M0151229	Enertia	48-8M0151228	Comp Series
15	13	3	5500+	1-28	48-8M0151227	Enertia	48-8M0151226	Comp Series
14.6	21	4	3100-3500	57-64	48-8M0151325	Revolution 4	48-8M0151324	Comp Series
14.6	20	4	3250-3750	54-61	48-8M0151323	Revolution 4	48-8M0151322	Comp Series
14.6	19	4	3400-4000	51-58	48-8M0151321	Revolution 4	48-8M0151320	Comp Series
14.6	18	4	3750-4300	47-54	48-8M0151319	Revolution 4	48-8M0151318	Comp Series
14.6	17	4	3900-5000	39-49	48-8M0151317	Revolution 4	48-8M0151316	Comp Series
14.6	15	4	4600-6000	35-45	48-8M0151315	Revolution 4	48-8M0151314	Comp Series
14.8	21	3	3100-3500	57-64	48-8M0151310	Mirage Plus	48-8M0151309	Elite Series
15.3	19	3	3400-4000	51-58	48-8M0151308	Mirage Plus	48-8M0151307	Elite Series
15.5	17	3	3900-5000	39-49	48-8M0151304	Mirage Plus	48-8M0151303	Elite Series
15.8	15	3	4600-6000	35-45	48-8M0151302	Mirage Plus	48-8M0151301	Elite Series

Verado 225 HP – Tri / Pontoon

Engine RPM Range: 5800-6400 Gearcase Ratio: 1.85:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	LH - Part Number	Performance Category
13.4	22	3	2700-3100	60-68	48-8M0151245	Enertia		Comp Series
13.6	21	3	2800-3200	57-64	48-8M0151243	Enertia	48-8M0151242	Comp Series
13.8	20	3	2950-3400	54-61	48-8M0151241	Enertia		Comp Series
14	19	3	3100-3600	51-58	48-8M0151239	Enertia	48-8M0151238	Comp Series
14.2	18	3	3300-3850	48-55	48-8M0151237	Enertia		Comp Series
14.4	17	3	3500-4100	45-52	48-8M0151235	Enertia	48-8M0151234	Comp Series
14.7	16	3	3800-4800	40-49	48-8M0151233	Enertia		Comp Series
15	15	3	4100-5500	35-45	48-8M0151231	Enertia	48-8M0151230	Comp Series
15.3	14	3	4500-6000	30-41	48-8M0151229	Enertia	48-8M0151228	Comp Series
15.6	13	3	5000+	25-38	48-8M0151227	Enertia	48-8M0151226	Comp Series
14.6	25	4	2200-2500	69-78	48-8M0151329	Revolution 4	48-8M0151328	Comp Series
14.6	23	4	2500-2800	63-71	48-8M0151327	Revolution 4	48-8M0151326	Comp Series
14.6	21	4	2800-3200	57-64	48-8M0151325	Revolution 4	48-8M0151324	Comp Series
14.6	20	4	2950-3400	54-61	48-8M0151323	Revolution 4	48-8M0151322	Comp Series
14.6	19	4	3100-3600	51-58	48-8M0151321	Revolution 4	48-8M0151320	Comp Series

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	LH - Part Number	Performance Category
14.6	18	4	3400-3800	48-54	48-8M0151319	Revolution 4	48-8M0151318	Comp Series
14.6	17	4	3500-4100	45-52	48-8M0151317	Revolution 4	48-8M0151316	Comp Series
14.6	15	4	4100-5500	35-45	48-8M0151315	Revolution 4	48-8M0151314	Comp Series
14.5	25	3	2200-2500	69-78	48-8M0151313	Mirage Plus		Elite Series
14.6	23	3	2500-2800	63-71	48-8M0151312	Mirage Plus	48-8M0151311	Elite Series
14.8	21	3	2800-3200	57-64	48-8M0151310	Mirage Plus	48-8M0151309	Elite Series
15.3	19	3	3100-3600	51-58	48-8M0151308	Mirage Plus	48-8M0151307	Elite Series
15.5	17	3	3500-4100	45-52	48-8M0151304	Mirage Plus	48-8M0151303	Elite Series
15.8	15	3	4100-5500	35-45	48-8M0151302	Mirage Plus	48-8M0151301	Elite Series

Pro FourStroke 200 HP - V6 - Tri / Pontoon

Engine RPM Range: 5800 - 6400 Gearcase Ratio 1.85:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
13.8	20	3	2750-2950	54-63	48-8M0151241	Enertia	Comp Series
14	19	3	2800-3200	51-58	48-8M0151239	Enertia	Comp Series
14.2	18	3	2950-3450	47-55	48-8M0151237	Enertia	Comp Series
14.5	17	3	3100-3700	45-52	48-8M0151235	Enertia	Comp Series
14.7	16	3	3350-4250	41-50	48-8M0151233	Enertia	Comp Series
15	15	3	3600-4400	38-47	48-8M0151231	Enertia	Comp Series
15.3	14	3	3900-5200	35-43	48-8M0151229	Enertia	Comp Series
15.6	13	3	4100-5800	31-40	48-8M0151227	Enertia	Comp Series
16	11	3	6000+	1-29	48-8M0151225	Enertia	Comp Series
14	23	3	2200-2500	63-71	48-8M0084497	SpitFire	Elite Series
14	21	3	2500-2800	57-64	48-8M0084496	SpitFire	Elite Series
14	19	3	2800-3200	51-58	48-8M0084495	SpitFire	Elite Series
14	17	3	2200-2500	63-71	48-8M0084494	SpitFire	Elite Series
14	14	3	3900-5200	35-43	48-8M0084493	SpitFire	Elite Series
14	12	3	4900-6800	26-35	48-8M0084491	SpitFire	Elite Series
14.3	21	3	2500-2800	57-64	48-832832A45	Black Max	Sport Series
14.5	19	3	2800-3200	51-58	48-832830A45	Black Max	Sport Series
15	17	3	3100-3700	45-52	48-832828A45	Black Max	Sport Series
14.5	19	3	2800-3200	51-58	48-832830A45	Black Max	Sport Series
15	17	3	3100-3700	45-52	48-832828A45	Black Max	Sport Series
15.3	15	3	3600-4400	38-47	48- 78116A45	Black Max	Sport Series
16	13	3	4100-5800	31-40	48- 78114A45	Black Max	Sport Series

Verado 200 HP – 4Cyl - Tri / Pontoon

Engine RPM Range: 5800-6400 Gearcase Ratio: 1.85:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
14	19	3	3300-3900	43-50	48-8M0151239	Enertia	Comp Series
14.2	18	3	3500-4300	39-47	48-8M0151237	Enertia	Comp Series
14.4	17	3	3800-4700	36-44	48-8M0151235	Enertia	Comp Series
14.7	16	3	4100-5200	33-41	48-8M0151233	Enertia	Comp Series
15	15	3	4400-6000	29-38	48-8M0151231	Enertia	Comp Series
15.3	14	3	4900-6800	26-35	48-8M0151229	Enertia	Comp Series
15.6	13	3	5400-8200	22-32	48-8M0151227	Enertia	Comp Series
16	11	3	6000+	1-25	48-8M0151225	Enertia	Comp Series
15.3	19	3	3300-3900	43-50	48-8M0084496	SpitFire	Elite Series
15.5	17	3	3800-4700	36-44	48-8M0084494	SpitFire	Elite Series
15.8	14	3	3600-4400	29-38	48-8M0084493	SpitFire	Elite Series
16	12	3	5400-8200	22-32	48-8M0084491	SpitFire	Elite Series
15.3	19	3	3300-3900	43-50	48-832830A45	Black Max	Sport Series
15.5	17	3	3800-4700	36-44	48-832828A45	Black Max	Sport Series
15.3	15	3	3600-4400	29-38	48- 78116A45	Black Max	Sport Series

Not all parts listed are available for the European, C.I.S., Africa and Middle East Markets. For more information, please contact your local Mercury, Mariner, MerCruiser or Quicksilver Office.

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
16	13	3	5400-8200	22-32	48- 78114A45	Black Max	Sport Series
16	11	3	6000+	1-25	48- 78112A45	Black Max	Sport Series

150 HP FourStroke - Tri / Pontoon

Engine RPM Range: 5000-5800 Gearcase Ratio: 1.92:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
13.5	22	3	2100-2600	47-57	48-8M0151245	Enertia	Comp Series
13.6	21	3	2200-2800	44-54	48-8M0151243	Enertia	Comp Series
13.8	20	3	2300-3000	42-52	48-8M0151241	Enertia	Comp Series
14	19	3	2500-3200	39-49	48-8M0151239	Enertia	Comp Series
14.3	18	3	2700-3200	35-46	48-8M0151237	Enertia	Comp Series
14.5	17	3	2900-4000	32-43	48-8M0151235	Enertia	Comp Series
14.8	16	3	3100-4500	29-40	48-8M0151233	Enertia	Comp Series
15	15	3	3400-5100	26-37	48-8M0151231	Enertia	Comp Series
15.3	14	3	3800-6200	22-34	48-8M0151229	Enertia	Comp Series
15.6	13	3	4500-7000	1-28	48-8M0151227	Enertia	Comp Series
16	11	3	7000+	1-25	48-8M0151225	Enertia	Comp Series
14	19	4	2500-3200	39-49	48-8M0084495	SpitFire	Elite Series
14	17	4	2900-4000	32-43	48-8M0084494	SpitFire	Elite Series
14	14	4	3800-6200	22-34	48-8M0084493	SpitFire	Elite Series
14	12	4	7000+	1-25	48-8M0084491	SpitFire	Elite Series
14.5	19	3	2500-3200	39-79	48-832830A45	Black Max	Sport Series
15	17	3	2900-4000	32-43	48-832828A45	Black Max	Sport Series
15.3	15	3	3400-5100	26-37	48- 78116A45	Black Max	Sport Series
16	13	3	4500-7000	1-28	48- 78114A45	Black Max	Sport Series
16	11	3	7000+	1-25	48- 78112A45	Black Max	Sport Series

115 CT HP FourStroke - Tri / Pontoon

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.38:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
13.5	22	3	2000-2800	35-47	48-8M0151245	Enertia	Comp Series
13.8	21	3	2100-3100	32-45	48-8M0151243	Enertia	Comp Series
13.8	20	3	2300-3500	29-42	48-8M0151241	Enertia	Comp Series
14	19	3	2400-3700	27-40	48-8M0151239	Enertia	Comp Series
14.2	18	3	2600-4300	24-37	48-8M0151237	Enertia	Comp Series
14.5	17	3	2800-5000	21-35	48-8M0151235	Enertia	Comp Series
14.7	16	3	3100-5600	19-32	48-8M0151233	Enertia	Comp Series
15	15	3	3500-6700	16-29	48-8M0151231	Enertia	Comp Series
15.3	14	3	3900-7800	14-26	48-8M0151229	Enertia	Comp Series
15.6	13	3	4300-10300	11-24	48-8M0151227	Enertia	Comp Series
16	11	3	7000+	1-18	48-8M0151225	Enertia	Comp Series
14	23	4	1900-2600	38-49	48-8M0084497	SpitFire	Elite Series
14	21	4	2100-3100	32-45	48-8M0084496	SpitFire	Elite Series
14	19	4	2400-3700	27-40	48-8M0084495	SpitFire	Elite Series
14	17	4	2800-5000	21-35	48-8M0084494	SpitFire	Elite Series
14	14	4	3900-7800	14-26	48-8M0084493	SpitFire	Elite Series
14	12	4	7000+	1-24	48-8M0084491	SpitFire	Elite Series
14.5	19	3	2400-3700	27-40	48-832830A45	Black Max	Sport Series
15	17	3	2800-5000	21-35	48-832828A45	Black Max	Sport Series
15.3	15	3	3500-6700	16-29	48- 78116A45	Black Max	Sport Series
16	13	3	4300-10300	11-24	48- 78114A45	Black Max	Sport Series
16	12	3	5000+	9-21	48- 16436A45	Black Max	Sport Series
16	11	3	7000+	1-18	48- 78112A45	Black Max	Sport Series

115 STD HP FourStroke - Tri / Pontoon

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.07:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
12.7	21	4	1800-2400	40-52	48-8M0151364	SpitFire X7	Elite Series
12.7	19	4	2000-2900	34-47	48-8M0151363	SpitFire X7	Elite Series
13	17	4	2300-3600	28-41	48-8M0151362	SpitFire X7	Elite Series
13.5	15	4	2800-4700	22-35	48-8M0151361	SpitFire X7	Elite Series
14	13	4	3500-6700	16-29	48-8M0151360	SpitFire X7	Elite Series
13	18	3	2200-3200	31-44	48-8M0151402	Vengeance	Sport Series
13.1	16	3	2500-4100	25-38	48-8M0151401	Vengeance	Sport Series
13.3	15	3	2800-4700	22-35	48-8M0151400	Vengeance	Sport Series
13.4	14	3	3100-5600	19-32	48-8M0151399	Vengeance	Sport Series
14	12	3	3900-8500	13-26	48-8M0151398	Vengeance	Sport Series
12.8	19	4	2000-2900	34-47	48-8M8026600	SpitFire	Elite Series
12.8	17	4	2300-3600	28-41	48-8M8026590	SpitFire	Elite Series
12.8	15	4	2800-4700	22-35	48-8M8026580	SpitFire	Elite Series
13.8	13	4	3500-6700	16-29	48-8M8026570	SpitFire	Elite Series
13.8	11	4	4500-11500	10-23	48-8M8026560	SpitFire	Elite Series
12.5	23	3	1600-2100	45-57	48- 77350A45	Black Max	Sport Series
12.8	21	3	1800-2400	40-52	48- 77348A45	Black Max	Sport Series
13	19	3	2000-2900	34-47	48- 77346A45	Black Max	Sport Series
13.3	17	3	2300-3600	28-41	48- 77344A45	Black Max	Sport Series
13.3	16	3	2500-4100	25-38	48-854360A45	Black Max	Sport Series
13.8	15	3	2800-4700	22-35	48- 77342A45	Black Max	Sport Series
13.8	14	3	3100-5600	19-32	48-854352A45	Black Max	Sport Series
14	13	3	3500-6700	16-29	48- 77340A45	Black Max	Sport Series
14	11	3	4700+	1-23	48- 77338A45	Black Max	Sport Series

90 CT HP FourStroke - Tri / Pontoon

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.38:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
13.8	21	3	2100-3100	32-45	48-8M0151243	Enertia	Comp Series
13.3	20	3	2300-3500	29-42	48-8M0151241	Enertia	Comp Series
14	19	3	2400-3700	27-40	48-8M0151239	Enertia	Comp Series
14.2	18	3	2600-4300	24-37	48-8M0151237	Enertia	Comp Series
14.5	17	3	2800-5000	21-35	48-8M0151235	Enertia	Comp Series
14.7	16	3	3100-5600	19-32	48-8M0151233	Enertia	Comp Series
15	15	3	3500-6700	16-29	48-8M0151231	Enertia	Comp Series
15.3	14	3	3900-7800	14-26	48-8M0151229	Enertia	Comp Series
15.6	13	3	4300-10300	11-24	48-8M0151227	Enertia	Comp Series
16	11	3	7000+	1-18	48-8M0151225	Enertia	Comp Series
14	23	4	1500-1900	38-49	48-8M0084497	SpitFire	Elite Series
14	21	4	1600-2400	32-45	48-8M0084496	SpitFire	Elite Series
14	19	4	1900-2900	27-40	48-8M0084495	SpitFire	Elite Series
14	17	4	2200-3900	21-35	48-8M0084494	SpitFire	Elite Series
14	23	3	1500-1900	38-49	48-832834A45	Black Max	Sport Series
14.3	21	3	1600-2400	32-45	48-832832A45	Black Max	Sport Series
14.5	19	3	1900-2900	27-40	48-832830A45	Black Max	Sport Series
15	17	3	2200-3900	21-35	48-832828A45	Black Max	Sport Series
15.3	15	3	2700-5300	16-29	48- 78116A45	Black Max	Sport Series

MERCURY PROPELLER RIGGING CHART

90 STD HP FourStroke - Tri / Pontoon

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.07:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
12.7	21	4	1400-1900	40-52	48-8M0151364	SpitFire X7	Elite Series
12.7	19	4	1600-2300	34-47	48-8M0151363	SpitFire X7	Elite Series
13	17	4	1800-2800	28-41	48-8M0151362	SpitFire X7	Elite Series
13.5	15	4	2200-3700	22-35	48-8M0151361	SpitFire X7	Elite Series
14	13	4	2700-5300	16-29	48-8M0151360	SpitFire X7	Elite Series
13	18	3	1700-2500	31-44	48-8M0151402	Vengeance	Sport Series
13.1	16	3	2000-3200	25-38	48-8M0151401	Vengeance	Sport Series
13.3	15	3	2200-3700	22-35	48-8M0151400	Vengeance	Sport Series
13.4	14	3	2400-4400	19-32	48-8M0151399	Vengeance	Sport Series
14	12	3	2700-5300	13-26	48-8M0151398	Vengeance	Sport Series
12.8	19	4	1600-2300	34-47	48-8M8026600	SpitFire	Elite Series
12.8	17	4	1800-2800	28-41	48-8M8026590	SpitFire	Elite Series
12.8	15	4	2200-3700	22-35	48-8M8026580	SpitFire	Elite Series
13.8	13	4	2700-5300	16-29	48-8M8026570	SpitFire	Elite Series
13.8	11	4	4000+	10-23	48-8M8026560	SpitFire	Elite Series
12.5	23	3	1300-1600	45-57	48- 77350A45	Black Max	Sport Series
12.8	21	3	1400-1900	40-52	48- 77348A45	Black Max	Sport Series
13	19	3	1600-2300	34-47	48- 77346A45	Black Max	Sport Series
13.3	17	3	1800-2800	28-41	48- 77344A45	Black Max	Sport Series
13.3	16	3	2000-3200	25-38	48-854360A45	Black Max	Sport Series
13.8	15	3	2200-3700	22-35	48- 77342A45	Black Max	Sport Series
13.8	14	3	2400-4400	19-32	48-854352A45	Black Max	Sport Series
14	13	3	2700-5300	16-29	48- 77340A45	Black Max	Sport Series
14	11	3	4000+	1-22	48- 77338A45	Black Max	Sport Series

75 STD HP FourStroke - Tri / Pontoon

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.07:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
12.7	21	4	1300-1900	34-47	48-8M0151364	SpitFire X7	Elite Series
12.7	19	4	1500-2300	29-42	48-8M0151363	SpitFire X7	Elite Series
13	17	4	1700-2900	23-37	48-8M0151362	SpitFire X7	Elite Series
13.5	15	4	2100-3900	18-31	48-8M0151361	SpitFire X7	Elite Series
14	13	4	2500-6100	12-26	48-8M0151360	SpitFire X7	Elite Series
13	18	3	1600-2500	26-40	48-8M0151402	Vengeance	Sport Series
13.1	16	3	1900-3400	20-34	48-8M0151401	Vengeance	Sport Series
13.3	15	3	2100-3900	18-31	48-8M0151400	Vengeance	Sport Series
13.4	14	3	2300-4700	15-28	48-8M0151399	Vengeance	Sport Series
14	12	3	2900-7500	10-23	48-8M0151398	Vengeance	Sport Series
12.8	19	4	1500-2300	29-42	48-8M8026600	SpitFire	Elite Series
12.8	17	4	1700-2900	23-37	48-8M8026590	SpitFire	Elite Series
12.8	15	4	2100-3900	18-31	48-8M8026580	SpitFire	Elite Series
13.8	13	4	2500-6100	12-26	48-8M8026570	SpitFire	Elite Series
13.8	11	4	3800+	1-20	48-8M8026560	SpitFire	Elite Series
13.8	10	4	4200+	1-18	48-8M8026555	SpitFire	Elite Series
12.5	23	3	1200-1600	39-52	48- 77350A45	Black Max	Sport Series
12.8	21	3	1300-1900	34-47	48- 77348A45	Black Max	Sport Series
13	19	3	1500-2300	29-42	48- 77346A45	Black Max	Sport Series
13.3	17	3	1700-2900	23-37	48- 77344A45	Black Max	Sport Series
13.3	16	3	1900-3400	20-34	48-854360A45	Black Max	Sport Series
13.8	15	3	2100-3900	18-31	48- 77342A45	Black Max	Sport Series
13.9	14	3	2300-4700	15-28	48-854352A45	Black Max	Sport Series
14	13	3	2500-6100	12-26	48- 77340A45	Black Max	Sport Series
14	11	3	3800+	1-20	48- 77338A45	Black Max	Sport Series

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
14	10	3	4200+	1-18	48-854342A45	Black Max	Sport Series

60 CT HP FourStroke – Tri / Pontoon

Engine RPM Range: 5500-6000 Gearcase Ratio: 2.33:1

Diameter	Pitch	No of Blades	Boat Weight	Boat Speed	RH Part Number	Propeller Name	Performance Series
13	17	4	1400-1800	34-38	48-8M0151362	SpitFire X7	Elite Series
13.5	15	4	1700-2300	28-34	48-8M0151361	SpitFire X7	Elite Series
14	13	4	2000-3300	23-30	48-8M0151360	SpitFire X7	Elite Series
12.8	17	4	1400-1800	34-38	48-8M8026590	SpitFire	Elite Series
12.8	15	4	1700-2300	28-34	48-8M8026580	SpitFire	Elite Series
13.8	13	4	2000-3300	23-30	48-8M8026570	SpitFire	Elite Series
13.8	11	4	2700-5400	18-25	48-8M8026560	SpitFire	Elite Series
13.3	17	3	1400-1800	34-38	48- 77344A45	Black Max	Sport Series
13.3	16	3	1500-2000	30-36	48-854360A45	Black Max	Sport Series
13.8	15	3	1700-2300	28-34	48- 77342A45	Black Max	Sport Series
13.9	14	3	1800-2700	26-32	48-854352A45	Black Max	Sport Series
14	13	3	2000-3300	23-30	48- 77340A45	Black Max	Sport Series
14	11	3	2700-5400	18-25	48- 77338A45	Black Max	Sport Series
14	10	3	3500+	1-18	48-854342A45	Black Max	Sport Series
14	9	3	4000+	1-15	48-854340A45	Black Max	Sport Series

60 STD HP FourStroke - Tri / Pontoon

Engine RPM Range: 5500-6000 Gearcase ratio: 2.33:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
10.3	15	3	1200-1600	15-33	48-855862A46	Vengeance	Sport Series
10.4	14	3	1300-1700	16-30	48-855860A46	Vengeance	Sport Series
10.5	13	3	1500-2000	17-26	48-855858A46	Vengeance	Sport Series
11	12	3	1700-2500	19-22	48-855856A46	Vengeance	Sport Series
11.6	11	3	2000-3100	18-21	48-823478A46	Vengeance	Sport Series
10.1	15	4	1200-1600	15-33	48-8M8026640	SpitFire	Elite Series
10.1	14	4	1300-1700	16-30	48-8M8026635	SpitFire	Elite Series
10.3	13	4	1500-2000	17-26	48-8M8026630	SpitFire	Elite Series
10.6	12	4	1700-2500	19-22	48-8M8026625	SpitFire	Elite Series
10	17	3	1000-1300	13-40	48- 73144A45	Black Max	Sport Series
10	16	3	1100-1400	14-37	48- 73142A45	Black Max	Sport Series
10.1	15	3	1200-1600	15-33	48- 73140A45	Black Max	Sport Series
10.3	14	3	1300-1700	16-30	48- 73138A45	Black Max	Sport Series
10.4	13	3	1500-2000	17-26	48- 73136A45	Black Max	Sport Series
10.7	12	3	1700-2500	19-22	48- 73134A45	Black Max	Sport Series
10.9	11	3	2000-3100	18-21	48- 85632A45	Black Max	Sport Series
11.3	10	3	2100-3500	16-22	48- 73132A45	Black Max	Sport Series

50 CT HP FourStroke – Tri / Pontoon

Engine RPM Range: 5500-6000 Gearcase Ratio: 2.33:1

Diameter	Pitch	No of Blades	Boat Weight	Boat Speed	RH Part Number	Propeller Name	Performance Series
13.5	15	4	1400-2000	28-34	48-8M0151361	SpitFire X7	Elite Series
14	13	4	1700-2700	23-30	48-8M0151360	SpitFire X7	Elite Series
12.8	15	4	1400-2000	28-34	48-8M8026580	SpitFire	Elite Series
13.8	13	4	1700-2700	23-30	48-8M8026570	SpitFire	Elite Series
13.8	11	4	2300-4500	18-25	48-8M8026560	SpitFire	Elite Series
14	10	4	3000-5000	1-18	48-8M8026555	SpitFire	Elite Series
13.3	16	3	1300-1700	30-36	48-854360A45	Black Max	Sport Series
13.8	15	3	1400-2000	28-34	48- 77342A45	Black Max	Sport Series
13.9	14	3	1500-2300	26-32	48-854352A45	Black Max	Sport Series

Diameter	Pitch	No of Blades	Boat Weight	Boat Speed	RH Part Number	Propeller Name	Performance Series
14	13	3	1700-2700	23-30	48- 77340A45	Black Max	Sport Series
14	11	3	2300-4500	18-25	48- 77338A45	Black Max	Sport Series
14	10	3	3000-5000	1-18	48-854342A45	Black Max	Sport Series
14	9	3	4000+	1+	48-854340A45	Black Max	Sport Series

50 STD HP FourStroke – Tri / Pontoon

Engine RPM Range: 5500-6000 Gearcase Ratio: 1.83:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
10.3	15	3	1000-1300	33-41	48-855862A46	Vengeance	Sport Series
10.4	14	3	1100-1400	30-38	48-855860A46	Vengeance	Sport Series
10.5	13	3	1300-1700	26-34	48-855858A46	Vengeance	Sport Series
11	12	3	1400-2100	22-31	48-855856A46	Vengeance	Sport Series
11.6	11	3	1600-2600	18-27	48-823478A46	Vengeance	Sport Series
10.1	15	4	1000-1300	33-41	48-8M8026640	SpitFire	Elite Series
10.1	14	4	1100-1400	30-38	48-8M8026635	SpitFire	Elite Series
10.3	13	4	1300-1700	26-34	48-8M8026630	SpitFire	Elite Series
10.6	12	4	1400-2100	22-31	48-8M8026625	SpitFire	Elite Series
10	17	3	900-1000	40-47	48- 73144A45	Black Max	Sport Series
10	16	3	900-1100	37-44	48- 73142A45	Black Max	Sport Series
10.1	15	3	1000-1300	33-41	48- 73140A45	Black Max	Sport Series
10.3	14	3	1100-1400	30-38	48- 73138A45	Black Max	Sport Series
10.4	13	3	1300-1700	26-34	48- 73136A45	Black Max	Sport Series
10.6	12	3	1400-2100	22-31	48- 73134A45	Black Max	Sport Series
10.8	11	3	1600-2600	18-27	48- 85632A45	Black Max	Sport Series
12	10.5	3	1800-2900	16-25	48- 42740A45	Black Max	Sport Series
11.3	10	3	1900-3400	14-24	48- 73132A45	Black Max	Sport Series
12.3	9	3	2300-4500	11-20	48- 87818A45	Black Max	Sport Series
12.5	8	3	2900-7400	7-16	48- 42738A45	Black Max	Sport Series

40 CT HP FourStroke – Tri / Pontoon

Engine RPM Range: 5500-6000 Gearcase Ratio: 2.33:1

Diameter	Pitch	No of Blades	Boat Weight	Boat Speed	RH Part Number	Propeller Name	Performance Series
13.5	15	4	1100-1600	28-34	48-8M0151361	SpitFire X7	Elite Series
14	13	4	1400-2200	23-30	48-8M0151360	SpitFire X7	Elite Series
13.4	14	3	1200-1800	26-32	48-8M0151399	Vengeance	Sport Series
14	12	3	1600-2800	20-27	48-8M0151398	Vengeance	Sport Series
14	10	3	2000+	1-18	48-8M0151397	Vengeance	Sport Series
12.8	15	4	1100-1600	28-34	48-8M8026580	SpitFire	Elite Series
13.8	13	4	1400-2200	23-30	48-8M8026570	SpitFire	Elite Series
13.8	11	4	1800-3600	18-25	48-8M8026560	SpitFire	Elite Series
14	10	4	2000+	1-18	48-8M8026555	SpitFire	Elite Series
13.8	15	3	1100-1600	28-34	48- 77342A45	Black Max	Sport Series
13.9	14	3	1200-1800	26-32	48-854352A45	Black Max	Sport Series
14	13	3	1400-2200	23-30	48- 77340A45	Black Max	Sport Series
14	11	3	1800-3600	18-25	48- 77338A45	Black Max	Sport Series
14	10	3	2000+	1-18	48-854342A45	Black Max	Sport Series
14	9	3	3000+	1+	48-854340A45	Black Max	Sport Series

40 STD HP FourStroke – Tri / Pontoon

Engine RPM Range: 5500-6000 Gearcase Ratio: 2.00:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
10.3	15	3	900-1200	29-37	48-855862A46	Vengeance	Sport Series
10.4	14	3	1000-1400	25-34	48-855860A46	Vengeance	Sport Series
10.5	13	3	1200-1600	22-30	48-855858A46	Vengeance	Sport Series
11	12	3	1300-2100	18-27	48-855856A46	Vengeance	Sport Series
11.6	11	3	1500-2500	15-24	48-823478A46	Vengeance	Sport Series
10.1	15	4	900-1200	29-37	48-8M8026640	SpitFire	Elite Series
10.1	14	4	1000-1400	25-34	48-8M8026635	SpitFire	Elite Series
10.3	13	4	1200-1600	22-30	48-8M8026630	SpitFire	Elite Series
10.6	12	4	1300-2100	18-27	48-8M8026625	SpitFire	Elite Series
10	17	3	800-1000	35-43	48- 73144A45	Black Max	Sport Series
10	16	3	800-1100	32-40	48- 73142A45	Black Max	Sport Series
10.1	15	3	900-1200	29-37	48- 73140A45	Black Max	Sport Series
10.3	14	3	1000-1400	25-34	48- 73138A45	Black Max	Sport Series
10.4	13	3	1200-1600	22-30	48- 73136A45	Black Max	Sport Series
10.6	12	3	1300-2100	18-27	48- 73134A45	Black Max	Sport Series
10.8	11	3	1500-2500	15-24	48- 85632A45	Black Max	Sport Series
12	10.5	3	1600-3000	13-22	48- 42740A45	Black Max	Sport Series
11.3	10	3	1800-3600	11-20	48- 73132A45	Black Max	Sport Series
12.3	9	3	2200-5100	8-17	48- 87818A45	Black Max	Sport Series
12.5	8	3	2700-8700	5-14	48- 42738A45	Black Max	Sport Series

BASS: 115 - 250 HP

250 Pro XS – 2 Stroke – Bass

Engine RPM Range: 5500-6000 Gearcase Ratio: 1.75:1

Diameter	Pitch	No of Blades	Boat Weight	Boat Speed	RH Part Number	Propeller Name	Performance Category
14	27	3	Up to 2600	75-83	48-8M0151275	Fury	Comp
14	26	3	Up to 2700	71-79	48-8M0151274	Fury	Comp
14	25	3	2400-2900	64-75	48-8M0151273	Fury	Comp
14	24	3	2500-3000	62-75	48-8M0151272	Fury	Comp
14	23	3	2600-3100	60-68	48-8M0151271	Fury	Comp
14	22	3	2700-3200	58-65	48-8M0151270	Fury	Comp
14.5	26	4	Up to 2700	71-79	48-8M0151281	Fury 4	Comp
14.5	25	4	2400-2900	64-75	48-8M0151280	Fury 4	Comp
14.5	24	4	2500-3000	62-72	48-8M0151279	Fury 4	Comp
14.5	23	4	2600-3100	60-70	48-8M0151278	Fury 4	Comp
14.6	27	3	Up to 2600	75-83	48-8M0151388	Tempest	Elite
14.6	26	3	Up to 2700	71-79	48-8M0151387	Tempest	Elite
14.6	25	3	Up to 2800	67-75	48-8M0151386	Tempest	Elite
14.6	24	3	2700-3000	65-72	48-8M0151385	Tempest	Elite
14.6	23	3	2900-3200	62-68	48-8M0151384	Tempest	Elite

225 Pro XS – 2 Stroke – Bass

Engine RPM Range: 5500-6000 Gearcase Ratio: 1.75:1

Diameter	Pitch	No of Blades	Boat Weight	Boat Speed	RH Part Number	Propeller Name	Performance Category
14	27	3	Up to 2600	67-80	48-8M0151275	Fury	Comp
14	26	3	Up to 2700	65-77	48-8M0151274	Fury	Comp
14	25	3	2400-2900	62-73	48-8M0151273	Fury	Comp
14	24	3	2500-3000	60-73	48-8M0151272	Fury	Comp
14	23	3	2600-3100	58-68	48-8M0151271	Fury	Comp

Diameter	Pitch	No of Blades	Boat Weight	Boat Speed	RH Part Number	Propeller Name	Performance Category
14	22	3	2700-3200	55-65	48-8M0151270	Fury	Comp
14.5	26	4	Up to 2700	65-77	48-8M0151281	Fury 4	Comp
14.5	25	4	2400-2900	62-73	48-8M0151280	Fury 4	Comp
14.5	24	4	2500-3000	60-70	48-8M0151279	Fury 4	Comp
14.5	23	4	2600-3100	58-68	48-8M0151278	Fury 4	Comp
14.6	27	3	Up to 2600	67-80	48-8M0151388	Tempest	Elite
14.6	26	3	Up to 2700	65-77	48-8M0151387	Tempest	Elite
14.6	25	3	2400-2900	62-73	48-8M0151386	Tempest	Elite
14.6	24	3	2500-3000	60-70	48-8M0151385	Tempest	Elite
14.6	23	3	2600-3200	57-67	48-8M0151384	Tempest	Elite

200 Pro XS - 2 Stroke - Bass

Engine RPM Range: 5250-5750 Gearcase Ratio: 1.75:1

Diameter	Pitch	No of Blades	Boat Weight	Boat Speed	RH Part Number	Propeller Name	Performance Category
14	27	3	Up to 2200	70-78	48-8M0151275	Fury	Comp
14	26	3	2100-2300	67-75	48-8M0151274	Fury	Comp
14	25	3	2200-2500	64-72	48-8M0151273	Fury	Comp
14	24	3	2300-2600	62-68	48-8M0151272	Fury	Comp
14	23	3	2400-2700	59-65	48-8M0151271	Fury	Comp
14	22	3	2500-2800	57-63	48-8M0151270	Fury	Comp
14.5	26	4	2100-2300	67-75	48-8M0151281	Fury 4	Comp
14.5	25	4	2200-2500	64-72	48-8M0151280	Fury 4	Comp
14.5	24	4	2300-2600	62-68	48-8M0151279	Fury 4	Comp
14.5	23	4	2400-3700	60-65	48-8M0151278	Fury 4	Comp
14.6	27	3	Up to 2200	70-78	48-8M0151388	Tempest	Elite
14.6	26	3	2100-2300	67-75	48-8M0151387	Tempest	Elite
14.6	25	3	2200-2500	64-72	48-8M0151386	Tempest	Elite
14.6	24	3	2300-2600	62-68	48-8M0151385	Tempest	Elite
14.6	23	3	2400-2700	59-65	48-8M0151384	Tempest	Elite
14.6	22	3	2600-2900	56-62	48-8M0151383	Tempest	Elite

175 Pro XS - 2 Stroke - Bass

Engine RPM Range: 5500-6000 Gearcase Ratio: 1.87:1

Diameter	Pitch	No of Blades	Boat Weight	Boat Speed	RH Part Number	Propeller Name	Performance Category
14	27	3	Up to 2000	68-76	48-8M0151275	Fury	Comp
14	26	3	1900-2100	66-73	48-8M0151274	Fury	Comp
14	25	3	1900-2200	63-70	48-8M0151273	Fury	Comp
14	24	3	2000-2300	60-67	48-8M0151272	Fury	Comp
14	23	3	2100-2400	55-62	48-8M0151271	Fury	Comp
14	22	3	2200-2400	48-60	48-8M0151270	Fury	Comp
14.5	26	4	1900-2100	66-73	48-8M0151281	Fury 4	Comp
14.5	25	4	1900-2200	63-70	48-8M0151280	Fury 4	Comp
14.5	24	4	2000-2300	60-67	48-8M0151279	Fury 4	Comp
14.5	23	4	2100-2400	55-62	48-8M0151278	Fury 4	Comp
14.6	27	3	Up to 2000	68-76	48-8M0151388	Tempest	Elite
14.6	26	3	1900-2100	66-73	48-8M0151387	Tempest	Elite
14.6	25	3	1900-2200	63-70	48-8M0151386	Tempest	Elite
14.6	24	3	2000-2300	60-67	48-8M0151385	Tempest	Elite
14.6	23	3	2200-2400	58-64	48-8M0151384	Tempest	Elite
14.6	22	3	2300-2600	55-61	48-8M0151383	Tempest	Elite

150 HP FourStroke - Bass

Engine RPM Range: 5000-5800 Gearcase Ratio: 1.92:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
14	25	3	1800-2200	55-65	48-8M0151273	Fury	Comp Series
14	24	3	1900-2300	53-62	48-8M0151272	Fury	Comp Series
14	23	3	2100-2500	50-60	48-8M0151271	Fury	Comp Series
14	22	3	2300-2700	48-58	48-8M0151270	Fury	Comp Series
14.5	25	4	1800-2200	55-65	48-8M0151280	Fury 4	Comp Series
14.5	24	4	1900-2300	53-62	48-8M0151279	Fury 4	Comp Series
14.5	23	4	2000-2400	50-59	48-8M0151278	Fury 4	Comp Series
14.6	25	3	1800-2200	55-65	48-8M0151386	Tempest Plus	Elite Series
14.6	24	3	1900-2300	53-62	48-8M0151385	Tempest Plus	Elite Series
14.6	23	3	2000-2400	50-60	48-8M0151384	Tempest Plus	Elite Series
14.6	22	3	2100-2600	47-57	48-8M0151383	Tempest Plus	Elite Series
14.6	21	3	2200-2800	44-54	48-8M0151382	Tempest Plus	Elite Series
14.6	19	3	2500-3200	39-49	48-8M0151381	Tempest Plus	Elite Series
14.6	17	3	2900-4000	32-43	48-8M0151380	Tempest Plus	Elite Series

115 CT Pro XS FourStroke - Bass

Engine RPM Range: 5300-6300 Gearcase Ratio: 2.38:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
14	25	3	1700-2100	46-57	48-8M0151273	Fury	Comp Series
14	24	3	1800-2300	43-55	48-8M0151272	Fury	Comp Series
14	23	3	1900-2500	40-53	48-8M0151271	Fury	Comp Series
14	22	3	2000-2700	37-50	48-8M0151270	Fury	Comp Series
14.6	25	3	1700-2100	46-57	48-8M0151386	Tempest Plus	Elite Series
14.6	24	3	1800-2300	43-55	48-8M0151385	Tempest Plus	Elite Series
14.6	23	3	1900-2400	41-52	48-8M0151384	Tempest Plus	Elite Series
14.6	22	3	2000-2700	38-50	48-8M0151383	Tempest Plus	Elite Series
14.6	21	3	2100-2900	35-47	48-8M0151382	Tempest Plus	Elite Series
14.6	19	3	2400-3500	30-42	48-8M0151381	Tempest Plus	Elite Series
14.6	17	3	2700-4500	24-37	48-8M0151380	Tempest Plus	Elite Series
14	23	4	1900-2400	41-52	48-8M0084497	SpitFire	Elite Series
14	21	4	2100-2900	35-47	48-8M0084496	SpitFire	Elite Series
14	19	4	2400-3500	30-42	48-8M0084495	SpitFire	Elite Series
14	17	4	2700-4500	24-37	48-8M0084494	SpitFire	Elite Series
14.5	23	3	1900-2400	41-52	48-832834A45	Black Max	Sport Series
15	21	3	2100-2900	35-47	48-832832A45	Black Max	Sport Series
14.5	19	3	2400-3500	30-42	48-832830A45	Black Max	Sport Series
15	17	3	2700-4500	24-37	48-832828A45	Black Max	Sport Series

115 STD Pro XS FourStroke - Bass

Engine RPM Range: 5300-6300 Gearcase Ratio: 2.07:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
12.7	21	4	1800-2300	43-55	48-8M0055551	SpitFire X7	Elite Series
12.7	19	4	2000-2700	38-49	48-8M0055550	SpitFire X7	Elite Series
13	17	4	2300-3300	31-44	48-8M0055549	SpitFire X7	Elite Series
13.5	15	4	2700-4300	25-37	48-8M0055548	SpitFire X7	Elite Series
12.8	19	4	2000-2700	38-49	48-8M8026600	SpitFire	Elite Series
12.8	17	4	2300-3300	31-44	48-8M8026590	SpitFire	Elite Series
12.8	15	4	2700-4300	25-37	48-8M8026580	SpitFire	Elite Series
12.5	23	3	1600-2000	49-60	48- 77350A45	Black Max	Sport Series
12.8	21	3	1800-2300	43-55	48- 77348A45	Black Max	Sport Series
13	19	3	2000-2700	38-49	48- 77346A45	Black Max	Sport Series
13.3	17	3	2300-3300	31-44	48- 77344A45	Black Max	Sport Series
13.3	16	3	2400-3800	28-41	48-854360A45	Black Max	Sport Series

MERCURY PROPELLER RIGGING CHART

115 CT HP FourStroke - Bass

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.38:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
14	24	3	1600-2300	38-49	48-8M0151272	Fury	Comp Series
14	23	3	1900-2600	36-45	48-8M0151271	Fury	Comp Series
14	22	3	2000-2700	34-43	48-8M0151270	Fury	Comp Series
14.6	24	3	1600-2300	38-49	48-8M0151385	Tempest Plus	Elite Series
14.6	23	3	1900-2600	38-49	48-8M0151384	Tempest Plus	Elite Series
14.6	22	3	2000-2800	35-47	48-8M0151383	Tempest Plus	Elite Series
14.6	21	3	2100-3100	32-45	48-8M0151382	Tempest Plus	Elite Series
14.6	19	3	2400-3700	27-40	48-8M0151381	Tempest Plus	Elite Series
14.6	17	3	2800-5000	21-35	48-8M0151380	Tempest Plus	Elite Series
14	23	4	1900-2600	38-49	48-8M0084497	SpitFire	Elite Series
14	21	4	2100-3100	32-45	48-8M0084496	SpitFire	Elite Series
14	19	4	2400-3700	27-40	48-8M0084495	SpitFire	Elite Series
14	17	4	2800-5000	21-35	48-8M0084494	SpitFire	Elite Series
14.5	23	3	1900-2600	27-40	48-832834A45	Black Max	Sport Series
15	21	3	2100-3100	21-35	48-832832A45	Black Max	Sport Series
14.5	19	3	2400-3700	27-40	48-832830A45	Black Max	Sport Series
15	17	3	2800-5000	21-35	48-832828A45	Black Max	Sport Series

115 STD HP FourStroke - Bass

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.07:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
12.7	21	4	1800-2400	40-52	48-8M0151364	SpitFire X7	Elite Series
12.7	19	4	2000-2900	34-47	48-8M0151363	SpitFire X7	Elite Series
13	17	4	2300-3600	28-41	48-8M0151362	SpitFire X7	Elite Series
13.5	15	4	2800-4700	22-35	48-8M0151361	SpitFire X7	Elite Series
12.8	19	4	2000-2900	34-47	48-8M8026600	SpitFire	Elite Series
12.8	17	4	2300-3600	28-41	48-8M8026590	SpitFire	Elite Series
12.8	15	4	2800-4700	22-35	48-8M8026580	SpitFire	Elite Series
12.5	23	3	1600-2100	45-57	48- 77350A45	Black Max	Sport Series
12.8	21	3	1800-2400	40-52	48- 77348A45	Black Max	Sport Series
13	19	3	2000-2900	34-47	48- 77346A45	Black Max	Sport Series
13.3	17	3	2300-3600	28-41	48- 77344A45	Black Max	Sport Series
13.3	16	3	2500-4100	25-38	48-854360A45	Black Max	Sport Series

OFFSHORE / BAY / FLATS CENTER CONSOLE: 40 - 350 HP

Verado 350 HP - Offshore / Bay / Flats Center Console (Single and Twin)

Engine RPM Range: 5800 - 6400 Gearcase Ratio 1.75:1

No. of Engine	Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH Part Number	Description	LH Part Number	Performance Category
Single	16	23	3	3700-4200	65-74	48-8M0151263	Enertia ECO		Comp Series
Single	16	22	3	3700-4200	62-71	48-8M0151261	Enertia ECO		Comp Series
Single	16	21	3	4200-4700	59-66	48-8M0151259	Enertia ECO		Comp Series
Single	16	20	3	4400-5000	55-63	48-8M0151257	Enertia ECO		Comp Series
Single	16	19	3	4600-5300	53-60	48-8M0151255	Enertia ECO		Comp Series

No. of Engine	Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH Part Number	Description	LH Part Number	Performance Category
Single	16	18	3	8900-10400	65-74	48-8M0151253	Enertia ECO		Comp Series
Single	16	17	3	5300-6300	46-53	48-8M0151251	Enertia ECO		Comp Series
Single	14.6	25	4	3300-3800	71-81	48-8M0151329	Revolution 4		Comp Series
Single	14.6	23	4	3700-4200	65-75	48-8M0151327	Revolution 4		Comp Series
Single	14.6	21	4	4200-4700	59-66	48-8M0151325	Revolution 4		Comp Series
Single	14.6	20	4	4400-5000	55-63	48-8M0151323	Revolution 4		Comp Series
Single	14.6	19	4	4600-5300	53-60	48-8M0151321	Revolution 4		Comp Series
Single	14.6	18	4	5000-5750	49-55	48-8M0151319	Revolution 4		Comp Series
Single	14.6	17	4	5300-6300	46-53	48-8M0151317	Revolution 4		Comp Series
Single	14.6	15	4	6300-7500	39-46	48-8M0151315	Revolution 4		Comp Series
Single	14.5	25	3	3300-3800	71-81	48-8M0151313	Mirage Plus		Elite Series
Single	14.6	23	3	3700-4200	65-74	48-8M0151312	Mirage Plus		Elite Series
Single	14.8	21	3	4200-4700	59-66	48-8M0151310	Mirage Plus		Elite Series
Single	15.3	19	3	4600-5300	53-60	48-8M0151308	Mirage Plus		Elite Series
Single	15.5	17	3	5300-6300	46-53	48-8M0151304	Mirage Plus		Elite Series
Single	15.8	15	3	6300-7500	39-46	48-8M0151302	Mirage Plus		Elite Series
Twin	16	23	3	5800-7200	65-74	48-8M0151263	Enertia ECO	48-8M0151262	Comp Series
Twin	16	22	3	5800-7200	65-74	48-8M0151261	Enertia ECO	48-8M0151260	Comp Series
Twin	16	21	3	7000-8300	59-66	48-8M0151259	Enertia ECO	48-8M0151258	Comp Series
Twin	16	20	3	7500-8900	56-63	48-8M0151257	Enertia ECO	48-8M0151256	Comp Series
Twin	16	19	3	8100-9600	53-60	48-8M0151255	Enertia ECO	48-8M0151254	Comp Series
Twin	16	18	3	8900-10400	65-74	48-8M0151253	Enertia ECO	48-8M0151252	Comp Series
Twin	16	17	3	9600-12200	46-53	48-8M0151251	Enertia ECO	48-8M0151250	Comp Series
Twin	14.6	25	4	5000-6300	71-81	48-8M0151329	Revolution 4	48-8M0127038	Comp Series
Twin	14.6	23	4	5800-7200	65-74	48-8M0151327	Revolution 4	48-8M0151326	Comp Series
Twin	14.6	21	4	7000-8300	59-66	48-8M0151325	Revolution 4	48-8M0151324	Comp Series
Twin	14.6	20	4	7500-8900	56-63	48-8M0151323	Revolution 4	48-8M0151322	Comp Series
Twin	14.6	19	4	8100-9600	53-60	48-8M0151321	Revolution 4	48-8M0151320	Comp Series
Twin	14.6	18	4	8900-11200	49-56	48-8M0151319	Revolution 4	48-8M0151318	Comp Series
Twin	14.6	17	4	9600-12200	46-53	48-8M0151317	Revolution 4	48-8M0151316	Comp Series
Twin	14.6	15	4	11600-15300	39-46	48-8M0151315	Revolution 4	48-8M0151314	Comp Series

Verado 300 HP - Offshore / Bay / Flats Center Console (Single)

Engine RPM Range: 5800-6400 Gearcase Ratio: 1.75:1 and 1.85:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	LH - Part Number	Performance Category
16	23	3	3100-3600	65-74	48-8M0151263	Enertia ECO	48-8M0151262	Comp Series
16	22	3	3300-3800	62-70	48-8M0151261	Enertia ECO	48-8M0151260	Comp Series
16	21	3	3600-4100	59-66	48-8M0151259	Enertia ECO	48-8M0151258	Comp Series
16	20	3	3800-4300	56-63	48-8M0151257	Enertia ECO	48-8M0151256	Comp Series
16	19	3	4000-4600	53-60	48-8M0151255	Enertia ECO	48-8M0151254	Comp Series
16	18	3	4300-4900	50-56	48-8M0151253	Enertia ECO	48-8M0151252	Comp Series
16	17	3	4600-5400	46-53	48-8M0151251	Enertia ECO	48-8M0151250	Comp Series
13.4	22	3	3300-3800	62-70	48-8M0151245	Enertia		Comp Series
13.6	21	3	3600-4100	59-66	48-8M0151243	Enertia	48-8M0151242	Comp Series
13.8	20	3	3800-4300	56-63	48-8M0151241	Enertia		Comp Series
14	19	3	4000-4600	53-60	48-8M0151239	Enertia	48-8M0151238	Comp Series
14.2	18	3	4300-4900	50-56	48-8M0151237	Enertia		Comp Series
14.4	17	3	4600-5400	46-53	48-8M0151235	Enertia	48-8M0151234	Comp Series
14.7	16	3	4900-5800	43-50	48-8M0151233	Enertia		Comp Series
15	15	3	5400-6500	39-46	48-8M0151231	Enertia	48-8M0151230	Comp Series
14.6	25	4	2800-3300	71-81	48-8M0151329	Revolution 4	48-8M0151328	Comp Series
14.6	23	4	3100-3600	65-74	48-8M0151327	Revolution 4	48-8M0151326	Comp Series
14.6	21	4	3600-4100	59-66	48-8M0151325	Revolution 4	48-8M0151324	Comp Series
14.6	20	4	3800-4300	56-63	48-8M0151323	Revolution 4	48-8M0151322	Comp Series
14.6	19	4	4000-4600	53-60	48-8M0151321	Revolution 4	48-8M0151320	Comp Series
14.6	18	4	4300-4900	49-56	48-8M0151319	Revolution 4	48-8M0151318	Comp Series
14.6	17	4	4600-5400	46-53	48-8M0151317	Revolution 4	48-8M0151316	Comp Series
14.6	15	4	5400-6500	39-46	48-8M0151315	Revolution 4	48-8M0151314	Comp Series
14.6	23	3	3100-3600	65-74	48-8M0151312	Mirage Plus	48-8M0151311	Elite Series
14.8	21	3	3600-4100	59-66	48-8M0151310	Mirage Plus	48-8M0151309	Elite Series
15.3	19	3	4000-4600	53-60	48-8M0151308	Mirage Plus	48-8M0151307	Elite Series
15.5	17	3	4600-5400	46-53	48-8M0151304	Mirage Plus	48-8M0151303	Elite Series
15.8	15	3	5400-6500	39-46	48-8M0151302	Mirage Plus	48-8M0151301	Elite Series

Verado 250 HP - Offshore / Bay / Flats Center Console (Single)

Engine RPM Range: 5800-6400 Gearcase Ratio: 1.85:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	LH - Part Number	Performance Category
16	23	3	2700-3100	63-71	48-8M0151263	Enertia ECO	48-8M0151262	Comp Series
16	22	3	2900-3300	60-68	48-8M0151261	Enertia ECO	48-8M0151260	Comp Series
16	21	3	3100-3500	57-64	48-8M0151259	Enertia ECO	48-8M0151258	Comp Series
16	20	3	3250-3750	54-61	48-8M0151257	Enertia ECO	48-8M0151256	Comp Series
16	19	3	3400-4000	51-58	48-8M0151255	Enertia ECO	48-8M0151254	Comp Series
16	18	3	3650-4500	45-54	48-8M0151253	Enertia ECO	48-8M0151252	Comp Series
16	17	3	3900-5000	39-49	48-8M0151251	Enertia ECO	48-8M0151250	Comp Series
13.4	22	3	2900-3300	60-68	48-8M0151245	Enertia		Comp Series
13.6	21	3	3100-3500	57-64	48-8M0151243	Enertia	48-8M0151242	Comp Series
13.8	20	3	3250-3750	54-61	48-8M0151241	Enertia		Comp Series
14	19	3	3400-4000	51-58	48-8M0151239	Enertia	48-8M0151238	Comp Series
14.2	18	3	3650-4500	45-54	48-8M0151237	Enertia		Comp Series
14.4	17	3	3900-5000	39-49	48-8M0151235	Enertia	48-8M0151234	Comp Series
14.7	16	3	4300-5500	37-47	48-8M0151233	Enertia		Comp Series
15	15	3	4600-6000	35-45	48-8M0151231	Enertia	48-8M0151230	Comp Series
14.6	25	4	2500-2800	69-78	48-8M0151329	Revolution 4	48-8M0151328	Comp Series
14.6	23	4	2700-3100	63-71	48-8M0151327	Revolution 4	48-8M0151326	Comp Series
14.6	21	4	3100-3500	57-64	48-8M0151325	Revolution 4	48-8M0151324	Comp Series
14.6	20	4	3250-3750	54-61	48-8M0151323	Revolution 4	48-8M0151322	Comp Series

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	LH - Part Number	Performance Category
14.6	19	4	3400-4000	51-58	48-8M0151321	Revolution 4	48-8M0151320	Comp Series
14.6	18	4	3750-4500	45-54	48-8M0151319	Revolution 4	48-8M0151318	Comp Series
14.6	17	4	3900-5000	39-49	48-8M0151317	Revolution 4	48-8M0151316	Comp Series
14.6	15	4	4600-6000	35-45	48-8M0151315	Revolution 4	48-8M0151314	Comp Series
14.6	23	3	2700-3100	63-71	48-8M0151312	Mirage Plus	48-8M0151311	Elite Series
14.8	21	3	3100-3500	57-64	48-8M0151310	Mirage Plus	48-8M0151309	Elite Series
15.3	19	3	3400-4000	51-58	48-8M0151308	Mirage Plus	48-8M0151307	Elite Series
15.5	17	3	3900-5000	39-49	48-8M0151304	Mirage Plus	48-8M0151303	Elite Series
15.8	15	3	4600-6000	35-45	48-8M0151302	Mirage Plus	48-8M0151301	Elite Series

Verado 225 HP - Offshore / Bay / Flats Center Console (Single)

Engine RPM Range: 5800-6400 Gearcase Ratio: 1.85:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	LH - Part Number	Performance Category
16	23	3	2500-2800	63-71	48-8M0151263	Enertia ECO	48-8M0151262	Comp Series
16	22	3	2650-3000	60-68	48-8M0151261	Enertia ECO	48-8M0151260	Comp Series
16	21	3	2800-3200	57-64	48-8M0151259	Enertia ECO	48-8M0151258	Comp Series
16	20	3	2950-3400	54-61	48-8M0151257	Enertia ECO	48-8M0151256	Comp Series
16	19	3	3100-3600	51-58	48-8M0151255	Enertia ECO	48-8M0151254	Comp Series
16	18	3	3300-3850	48-55	48-8M0151253	Enertia ECO	48-8M0151252	Comp Series
16	17	3	3500-4100	45-5	48-8M0151251	Enertia ECO	48-8M0151250	Comp Series
13.4	22	3	2700-3100	60-68	48-8M0151245	Enertia		Comp Series
13.6	21	3	2800-3200	57-64	48-8M0151243	Enertia	48-8M0151242	Comp Series
13.8	20	3	2950-3400	54-61	48-8M0151241	Enertia		Comp Series
14	19	3	3100-3600	51-58	48-8M0151239	Enertia	48-8M0151238	Comp Series
14.2	18	3	3300-3850	48-55	48-8M0151237	Enertia		Comp Series
14.4	17	3	3500-4100	45-52	48-8M0151235	Enertia	48-8M0151234	Comp Series
14.7	16	3	3800-4800	40-49	48-8M0151233	Enertia		Comp Series
15	15	3	4100-5500	35-45	48-8M0151231	Enertia	48-8M0151230	Comp Series
14.6	25	4	2200-2500	69-78	48-8M0151329	Revolution 4	48-8M0151328	Comp Series
14.6	23	4	2500-2800	63-71	48-8M0151327	Revolution 4	48-8M0151326	Comp Series
14.6	21	4	2800-3200	57-64	48-8M0151325	Revolution 4	48-8M0151324	Comp Series
14.6	20	4	2950-3400	54-61	48-8M0151323	Revolution 4	48-8M0151322	Comp Series
14.6	19	4	3100-3600	51-58	48-8M0151321	Revolution 4	48-8M0151320	Comp Series
14.6	18	4	3400-3850	48-55	48-8M0151319	Revolution 4	48-8M0151318	Comp Series
14.6	17	4	3500-4100	45-52	48-8M0151317	Revolution 4	48-8M0151316	Comp Series
14.6	15	4	4100-5500	35-45	48-8M0151315	Revolution 4	48-8M0151314	Comp Series
14.6	23	3	2500-2800	63-71	48-8M0151312	Mirage Plus	48-8M0151311	Elite Series
14.8	21	3	2800-3200	57-64	48-8M0151310	Mirage Plus	48-8M0151309	Elite Series
15.3	19	3	3100-3600	51-58	48-8M0151308	Mirage Plus	48-8M0151307	Elite Series
15.5	17	3	3500-4100	45-52	48-8M0151304	Mirage Plus	48-8M0151303	Elite Series
15.8	15	3	4100-5500	35-45	48-8M0151302	Mirage Plus	48-8M0151301	Elite Series

Verado 200 HP – 4Cyl - Offshore / Bay / Flats Center Console (Single)

Engine RPM Range: 5800-6400 Gearcase Ratio: 1.85:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	LH - Part Number	Performance Category
16	23	3	2600-3000	54-61	48-8M0151263	Enertia ECO	48-8M0151262	Comp Series
16	22	3	2800-3200	51-58	48-8M0151261	Enertia ECO	48-8M0151260	Comp Series
16	21	3	2900-3300	49-55	48-8M0151259	Enertia ECO	48-8M0151258	Comp Series
16	20	3	3000-3600	46-53	48-8M0151257	Enertia ECO	48-8M0151256	Comp Series
16	19	3	3300-3900	43-50	48-8M0151255	Enertia ECO	48-8M0151254	Comp Series
16	18	3	3500-4300	39-47	48-8M0151253	Enertia ECO	48-8M0151252	Comp Series
16	17	3	3800-4700	36-44	48-8M0151251	Enertia ECO	48-8M0151250	Comp Series
13.4	22	3	2800-3200	51-58	48-8M0151245	Enertia		Comp Series
13.6	21	3	2900-3300	49-55	48-8M0151243	Enertia	48-8M0151242	Comp Series

Not all parts listed are available for the European, C.I.S., Africa and Middle East Markets. For more information, please contact your local Mercury, Mariner, MerCruiser or Quicksilver Office.

MERCURY PROPELLER RIGGING CHART

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	LH - Part Number	Performance Category
13.8	20	3	3000-3600	46-53	48-8M0151241	Enertia		Comp Series
14	19	3	3300-3900	43-50	48-8M0151239	Enertia	48-8M0151238	Comp Series
14.2	18	3	3500-4300	39-47	48-8M0151237	Enertia		Comp Series
14.4	17	3	3800-4700	36-44	48-8M0151235	Enertia	48-8M0151234	Comp Series
14.7	16	3	4100-5200	33-41	48-8M0151233	Enertia		Comp Series
15	15	3	4400-6000	29-38	48-8M0151231	Enertia	48-8M0151230	Comp Series
15.3	14	3	4900-6800	26-35	48-8M0151229	Enertia		Comp Series
14.6	23	3	2600-3000	54-61	48-8M0151312	Mirage Plus	48-8M0151311	Elite Series
14.8	21	3	3000-3500	48-55	48-8M0151310	Mirage Plus	48-8M0151309	Elite Series
15.3	19	3	3300-3900	43-50	48-8M0151308	Mirage Plus	48-8M0151307	Elite Series
15.5	17	3	3800-4700	36-44	48-8M0151304	Mirage Plus	48-8M0151303	Elite Series
15.8	15	3	3600-4400	29-38	48-8M0151302	Mirage Plus	48-8M0151301	Elite Series

150 HP FourStroke - Offshore / Bay / Flats Center Console (Single)

Engine RPM Range: 5000-5800 Gearcase Ratio: 1.92:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	LH - Part Number	Performance Category
13.5	22	3	2100-2600	47-57	48-8M0151245	Enertia		Comp Series
13.6	21	3	2200-2800	44-54	48-8M0151243	Enertia	48-8M0151242	Comp Series
13.8	20	3	2300-3000	42-52	48-8M0151241	Enertia		Comp Series
14	19	3	2500-3200	39-49	48-8M0151239	Enertia	48-8M0151238	Comp Series
14.3	18	3	2700-3200	35-46	48-8M0151237	Enertia		Comp Series
14.5	17	3	2900-4000	32-43	48-8M0151235	Enertia	48-8M0151234	Comp Series
14.8	16	3	3100-4500	29-40	48-8M0151233	Enertia		Comp Series
15	15	3	3400-5100	26-37	48-8M0151231	Enertia	48-8M0151230	Comp Series
15.1	14	3	3800-6200	22-34	48-8M0151229	Enertia		Comp Series
14.6	25	3	1800-2200	55-65	48-8M0151386	Tempest Plus		Elite Series
14.6	24	3	1900-2300	53-62	48-8M0151385	Tempest Plus		Elite Series
14.6	23	3	2000-2400	50-60	48-8M0151384	Tempest Plus		Elite Series
14.6	22	3	2100-2600	47-57	48-8M0151383	Tempest Plus		Elite Series
14.6	21	3	2200-2800	44-54	48-8M0151382	Tempest Plus		Elite Series
14.6	19	3	2500-3200	39-49	48-8M0151381	Tempest Plus		Elite Series
14.6	17	3	2900-4000	32-43	48-8M0151380	Tempest Plus		Elite Series

115 CT HP FourStroke - Offshore / Bay / Flats Center Console (Single)

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.38:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	LH - Part Number	Performance Category
13.5	22	3	2000-2800	35-47	48-8M0151245	Enertia		Comp Series
13.6	21	3	2100-3100	32-45	48-8M0151243	Enertia	48-8M0151242	Comp Series
13.8	20	3	2300-3500	29-42	48-8M0151241	Enertia		Comp Series
14	19	3	2400-3700	27-40	48-8M0151239	Enertia	48-8M0151238	Comp Series
14.2	18	3	2600-4300	24-37	48-8M0151237	Enertia		Comp Series
14.5	17	3	2800-5000	21-35	48-8M0151235	Enertia	48-8M0151234	Comp Series
14.7	16	3	3100-5600	19-32	48-8M0151233	Enertia		Comp Series
15	15	3	3500-6700	16-29	48-8M0151231	Enertia	48-8M0151230	Comp Series
15.3	14	3	3900-7800	14-26	48-8M0151229	Enertia	48-8M0151228	Comp Series
15.6	13	3	4300-10300	11-24	48-8M0151227	Enertia	48-8M0151226	Comp Series
16	11	3	7000+	1-18	48-8M0151225	Enertia	48-8M0151224	Comp Series
14.6	23	3	1900-2600	38-49	48-8M0151384	Tempest Plus		Elite Series
14.6	22	3	2000-2800	35-47	48-8M0151383	Tempest Plus		Elite Series
14.6	21	3	2100-3100	32-45	48-8M0151382	Tempest Plus		Elite Series
14.6	19	3	2400-3700	27-40	48-8M0151381	Tempest Plus		Elite Series
14.6	17	3	2800-5000	21-35	48-8M0151380	Tempest Plus		Elite Series
14	23	4	1900-2600	38-49	48-8M0084497	SpitFire		Elite Series

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	LH - Part Number	Performance Category
14	21	4	2100-3100	32-45	48-8M0084496	SpitFire		Elite Series
14	19	4	2400-3700	27-40	48-8M0084495	SpitFire		Elite Series
14	17	4	2800-5000	21-35	48-8M0084494	SpitFire		Elite Series
14	14	4	3900-7800	14-26	48-8M0084493	SpitFire		Elite Series
14	12	4	7000+	1-24	48-8M0084491	SpitFire		Elite Series
14.5	19	3	2400-3700	27-40	48-832830A45	Black Max		Sport Series
15	17	3	2800-5000	21-35	48-832828A45	Black Max		Sport Series
15.3	15	3	3500-6700	16-29	48- 78116A45	Black Max		Sport Series
16	13	3	4300-10300	11-24	48- 78114A45	Black Max		Sport Series
16	12	3	5000+	9-21	48- 16436A45	Black Max		Sport Series
16	11	3	7000+	1-18	48- 78112A45	Black Max		Sport Series

115 STD HP FourStroke - Offshore / Bay / Flats Center Console

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.07:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
12.7	21	4	1800-2400	40-52	48-8M0151364	SpitFire X7	Elite Series
12.7	19	4	2000-2900	34-47	48-8M0151363	SpitFire X7	Elite Series
13	17	4	2300-3600	28-41	48-8M0151362	SpitFire X7	Elite Series
13.5	15	4	2800-4700	22-35	48-8M0151361	SpitFire X7	Elite Series
14	13	4	3500-6700	16-29	48-8M0151360	SpitFire X7	Elite Series
13	18	3	2200-3200	31-44	48-8M0151402	Vengeance	Sport Series
13.1	16	3	2500-4100	25-38	48-8M0151401	Vengeance	Sport Series
13.25	15	3	2800-4700	22-35	48-8M0151400	Vengeance	Sport Series
13.4	14	3	3100-5600	19-32	48-8M0151399	Vengeance	Sport Series
14	12	3	3900-8500	13-26	48-8M0151398	Vengeance	Sport Series
12.8	19	4	2000-2900	34-47	48-8M8026600	SpitFire	Elite Series
12.8	17	4	2300-3600	28-41	48-8M8026590	SpitFire	Elite Series
12.8	15	4	2800-4700	22-35	48-8M8026580	SpitFire	Elite Series
13.8	13	4	3500-6700	16-29	48-8M8026570	SpitFire	Elite Series
13.8	11	4	4500-11500	10-23	48-8M8026560	SpitFire	Elite Series
12.5	23	3	1600-2100	45-57	48- 77350A45	Black Max	Sport Series
12.8	21	3	1800-2400	40-52	48- 77348A45	Black Max	Sport Series
13	19	3	2000-2900	34-47	48- 77346A45	Black Max	Sport Series
13.3	17	3	2300-3600	28-41	48- 77344A45	Black Max	Sport Series
13.3	16	3	2500-4100	25-38	48-854360A45	Black Max	Sport Series
13.8	15	3	2800-4700	22-35	48- 77342A45	Black Max	Sport Series
13.9	14	3	3100-5600	19-32	48-854352A45	Black Max	Sport Series
14	13	3	3500-6700	16-29	48- 77340A45	Black Max	Sport Series
14	11	3	4700+	1-23	48- 77338A45	Black Max	Sport Series

90 CT HP FourStroke - Offshore / Bay / Flats Center Console

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.38:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
13.5	22	3	1600-2200	35-47	48-8M0151245	Enertia	Comp Series
13.6	21	3	1600-2400	32-45	48-8M0151243	Enertia	Comp Series
13.8	20	3	1800-2700	29-42	48-8M0151241	Enertia	Comp Series
14	19	3	1900-2900	27-40	48-8M0151239	Enertia	Comp Series
14.2	18	3	2100-3300	24-37	48-8M0151237	Enertia	Comp Series
14.5	17	3	2200-3900	21-35	48-8M0151235	Enertia	Comp Series
14.7	16	3	2400-4400	19-32	48-8M0151233	Enertia	Comp Series
15	15	3	2700-5300	16-29	48-8M0151231	Enertia	Comp Series
15.3	14	3	3100-6100	14-26	48-8M0151229	Enertia	Comp Series
14.6	23	3	1500-1900	38-49	48-8M0151384	Tempest Plus	Elite Series
14.6	22	3	1600-2200	35-47	48-8M0151383	Tempest Plus	Elite Series

Not all parts listed are available for the European, C.I.S., Africa and Middle East Markets. For more information, please contact your local Mercury, Mariner, MerCruiser or Quicksilver Office.

MERCURY PROPELLER RIGGING CHART

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
14.6	21	3	1600-2400	32-45	48-8M0151382	Tempest Plus	Elite Series
14.6	19	3	1900-2900	27-40	48-8M0151381	Tempest Plus	Elite Series
14.6	17	3	2200-3900	21-35	48-8M0151380	Tempest Plus	Elite Series
13.8	21	3	1600-2400	32-45	48-8M0151408	Vengeance	Sport Series
14	19	3	1900-2900	27-40	48-8M0151407	Vengeance	Sport Series
14.5	17	3	2200-3900	21-35	48-8M0151405	Vengeance	Sport Series
14	23	4	1500-1900	38-49	48-8M0084497	SpitFire	Elite Series
14	21	4	1600-2400	32-45	48-8M0084496	SpitFire	Elite Series
14	19	4	1900-2900	27-40	48-8M0084495	SpitFire	Elite Series
14	17	4	2200-3900	21-35	48-8M0084494	SpitFire	Elite Series
14	23	3	1500-1900	38-49	48-832834A45	Black Max	Sport Series
14.3	21	3	1600-2400	32-45	48-832832A45	Black Max	Sport Series
14.5	19	3	1900-2900	27-40	48-832830A45	Black Max	Sport Series
15	17	3	2200-3900	21-35	48-832828A45	Black Max	Sport Series
15.3	15	3	2700-5300	16-29	48- 78116A45	Black Max	Sport Series

90 STD HP FourStroke - Bay / Flats Center Console

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.07:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
12.7	21	4	1400-1900	40-52	48-8M0151363	SpitFire X7	Elite Series
12.7	19	4	1600-2300	34-47	48-8M0151362	SpitFire X7	Elite Series
13	17	4	1800-2800	28-41	48-8M0151361	SpitFire X7	Elite Series
13.5	15	4	2200-3700	22-35	48-8M0151360	SpitFire X7	Elite Series
13	18	3	4000+	31-44	48-8M0151402	Vengeance	Sport Series
13.1	16	3	2000-3200	25-38	48-8M0151401	Vengeance	Sport Series
13.3	15	3	2200-3700	22-35	48-8M0151400	Vengeance	Sport Series
13.4	14	3	2400-4400	19-32	48-8M0151399	Vengeance	Sport Series
14	12	3	2700-5300	13-26	48-8M0151398	Vengeance	Sport Series
12.8	19	4	1600-2300	34-47	48-8M8026600	SpitFire	Elite Series
12.8	17	4	1800-2800	28-41	48-8M8026590	SpitFire	Elite Series
12.8	15	4	2200-3700	22-35	48-8M8026580	SpitFire	Elite Series
13.8	13	4	2700-5300	16-29	48-8M8026570	SpitFire	Elite Series
13.8	11	4	4000+	10-23	48-8M8026560	SpitFire	Elite Series
12.5	23	3	1300-1600	45-57	48- 77350A45	Black Max	Sport Series
12.8	21	3	1400-1900	40-52	48- 77348A45	Black Max	Sport Series
13	19	3	1600-2300	34-47	48- 77346A45	Black Max	Sport Series
13.3	17	3	1800-2800	28-41	48- 77344A45	Black Max	Sport Series
13.3	16	3	2000-3200	25-38	48-854360A45	Black Max	Sport Series
13.8	15	3	2200-3700	22-35	48- 77342A45	Black Max	Sport Series
13.9	14	3	2400-4400	19-32	48-854352A45	Black Max	Sport Series
14	13	3	2700-5300	16-29	48- 77340A45	Black Max	Sport Series
14	11	3	4000+	1-22	48- 77338A45	Black Max	Sport Series

75 STD HP FourStroke - Bay / Flats Center Console

Engine RPM Range: 5000-6000 Gearcase Ratio: 2.07:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
12.7	21	4	1300-1900	34-47	48-8M0151363	SpitFire X7	Elite Series
12.7	19	4	1500-2300	29-42	48-8M0151362	SpitFire X7	Elite Series
13	17	4	1700-2900	23-37	48-8M0151361	SpitFire X7	Elite Series
13.5	15	4	2100-3900	18-31	48-8M0151360	SpitFire X7	Elite Series
13	18	3	1600-2500	26-40	48-8M0151402	Vengeance	Sport Series
13.1	16	3	1900-3400	20-34	48-8M0151401	Vengeance	Sport Series
13.3	15	3	2100-3900	18-31	48-8M0151400	Vengeance	Sport Series
13.4	14	3	2300-4700	15-28	48-8M0151399	Vengeance	Sport Series
14	12	3	2900-7500	10-23	48-8M0151398	Vengeance	Sport Series

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
12.8	19	4	1500-2300	29-42	48-8M8026600	SpitFire	Elite Series
12.8	17	4	1700-2900	23-37	48-8M8026590	SpitFire	Elite Series
12.8	15	4	2100-3900	18-31	48-8M8026580	SpitFire	Elite Series
13.8	13	4	2500-6100	12-26	48-8M8026570	SpitFire	Elite Series
13.8	11	4	3800+	7-20	48-8M8026560	SpitFire	Elite Series
12.5	23	3	1200-1600	39-52	48- 77350A45	Black Max	Sport Series
12.8	21	3	1300-1900	34-47	48- 77348A45	Black Max	Sport Series
13	19	3	1500-2300	29-42	48- 77346A45	Black Max	Sport Series
13.3	17	3	1700-2900	23-37	48- 77344A45	Black Max	Sport Series
13.3	16	3	1900-3400	20-34	48-854360A45	Black Max	Sport Series
13.8	15	3	2100-3900	18-31	48- 77342A45	Black Max	Sport Series
13.9	14	3	2300-4700	15-28	48-854352A45	Black Max	Sport Series
14	13	3	2500-6100	12-26	48- 77340A45	Black Max	Sport Series
14	11	3	3800+	1-20	48- 77338A45	Black Max	Sport Series

60 CT HP FourStroke – Bay / Flats Center Console

Engine RPM Range: 5500-6000 Gearcase Ratio: 2.33:1

Diameter	Pitch	No of Blades	Boat Weight	Boat Speed	RH Part Number	Propeller Name	Performance Series
13	17	4	1400-1800	34-38	48-8M0151362	SpitFire X7	Elite Series
13.5	15	4	1700-2300	28-34	48-8M0151361	SpitFire X7	Elite Series
14	13	4	2000-3300	23-30	48-8M0151360	SpitFire X7	Elite Series
12.8	17	4	1400-1800	34-38	48-8M8026590	SpitFire	Elite Series
12.8	15	4	1700-2300	28-34	48-8M8026580	SpitFire	Elite Series
13.8	13	4	2000-3300	23-30	48-8M8026570	SpitFire	Elite Series
13.8	11	4	2700-5400	18-25	48-8M8026560	SpitFire	Elite Series
13.3	17	3	1400-1800	34-38	48- 77344A45	Black Max	Sport Series
13.3	16	3	1500-2000	30-36	48-854360A45	Black Max	Sport Series
13.8	15	3	1700-2300	28-34	48- 77342A45	Black Max	Sport Series
13.9	14	3	1800-2700	26-32	48-854352A45	Black Max	Sport Series
14	13	3	2000-3300	23-30	48- 77340A45	Black Max	Sport Series
14	11	3	2700-5400	18-25	48- 77338A45	Black Max	Sport Series

60 STD HP FourStroke - Bay / Flats Center Console

Engine RPM Range: 5500-6000 Gearcase Ratio: 1.83:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
10.6	14	4	1300-1700	16-30	48-878616A46	Trophy Sport	Elite Series
10.6	13	4	1500-2000	17-26	48-878614A46	Trophy Sport	Elite Series
10.6	12	4	1700-2500	19-22	48-878612A46	Trophy Sport	Elite Series
10.3	15	3	1200-1600	15-33	48-855862A46	Vengeance	Sport Series
10.4	14	3	1300-1700	16-30	48-855860A46	Vengeance	Sport Series
10.5	13	3	1500-2000	17-26	48-855858A46	Vengeance	Sport Series
11	12	3	1700-2500	19-22	48-855856A46	Vengeance	Sport Series
11.6	11	3	2000-3100	21-18	48-823478A46	Vengeance	Sport Series
10.1	15	4	1200-1600	15-33	48-8M8026640	SpitFire	Elite Series
10.1	14	4	1300-1700	16-30	48-8M8026635	SpitFire	Elite Series
10.3	13	4	1500-2000	17-26	48-8M8026630	SpitFire	Elite Series
10.6	12	4	1700-2500	19-22	48-8M8026625	SpitFire	Elite Series
10	17	3	1000-1300	13-40	48- 73144A45	Black Max	Sport Series
10	16	3	1100-1400	14-37	48- 73142A45	Black Max	Sport Series
10.1	15	3	1200-1600	15-33	48- 73140A45	Black Max	Sport Series
10.3	14	3	1300-1700	16-30	48- 73138A45	Black Max	Sport Series
10.4	13	3	1500-2000	17-26	48- 73136A45	Black Max	Sport Series
10.6	12	3	1700-2500	19-22	48- 73134A45	Black Max	Sport Series
10.8	11	3	2000-3100	21-18	48- 85632A45	Black Max	Sport Series

Not all parts listed are available for the European, C.I.S., Africa and Middle East Markets. For more information, please contact your local Mercury, Mariner, MerCruiser or Quicksilver Office.

MERCURY PROPELLER RIGGING CHART

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
12	10.5	3	2100-3500	22-16	48- 42740A45	Black Max	Sport Series
11.3	10	3	2200-4100	23-14	48- 73132A45	Black Max	Sport Series
12.3	9	3	2700-5400	25-11	48- 87818A45	Black Max	Sport Series
12.5	8	3	3500-8900	29-7	48- 42738A45	Black Max	Sport Series

50 CT HP FourStroke – Bay / Flats Center Console

Engine RPM Range: 5500-6000 Gearcase Ratio: 2.33:1

Diameter	Pitch	No of Blades	Boat Weight	Boat Speed	RH Part Number	Propeller Name	Performance Series
13.5	15	4	1400-2000	28-34	48-8M0151361	SpitFire X7	Elite Series
14	13	4	1700-2700	23-30	48-8M0151360	SpitFire X7	Elite Series
12.8	15	4	1400-2000	28-34	48-8M8026580	SpitFire	Elite Series
13.8	13	4	1700-2700	23-30	48-8M8026570	SpitFire	Elite Series
13.8	11	4	2300-4500	18-25	48-8M8026560	SpitFire	Elite Series
13.3	16	3	1300-1700	30-36	48-854360A45	Black Max	Sport Series
13.8	15	3	1400-2000	28-34	48- 77342A45	Black Max	Sport Series
13.9	14	3	1500-2300	26-32	48-854352A45	Black Max	Sport Series
14	13	3	1700-2700	23-30	48- 77340A45	Black Max	Sport Series
14	11	3	2300-4500	18-25	48- 77338A45	Black Max	Sport Series

50 STD HP FourStroke - Bay / Flats Center Console

Engine RPM Range: 5500-6000 Gearcase Ratio: 1.83:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
10.6	14	4	1100-1400	30-38	48-878616A46	Trophy Sport	Elite Series
10.6	13	4	1300-1700	26-34	48-878614A46	Trophy Sport	Elite Series
10.6	12	4	1400-2100	22-31	48-878612A46	Trophy Sport	Elite Series
10.3	15	3	1000-1300	33-41	48-855862A46	Vengeance	Sport Series
10.4	14	3	1100-1400	30-38	48-855860A46	Vengeance	Sport Series
10.5	13	3	1300-1700	26-34	48-855858A46	Vengeance	Sport Series
11	12	3	1400-2100	22-31	48-855856A46	Vengeance	Sport Series
11.6	11	3	1600-2600	18-27	48-823478A46	Vengeance	Sport Series
10.1	15	4	1000-1300	33-41	48-8M8026640	SpitFire	Elite Series
10.1	14	4	1100-1400	30-38	48-8M8026635	SpitFire	Elite Series
10.3	13	4	1300-1700	26-34	48-8M8026630	SpitFire	Elite Series
10.6	12	4	1400-2100	22-31	48-8M8026625	SpitFire	Elite Series
10	17	3	900-1000	40-47	48- 73144A45	Black Max	Sport Series
10	16	3	900-1100	37-44	48- 73142A45	Black Max	Sport Series
10.1	15	3	1000-1300	33-41	48- 73140A45	Black Max	Sport Series
10.3	14	3	1100-1400	30-38	48- 73138A45	Black Max	Sport Series
10.4	13	3	1300-1700	26-34	48- 73136A45	Black Max	Sport Series
10.6	12	3	1400-2100	22-31	48- 73134A45	Black Max	Sport Series
10.8	11	3	1600-2600	18-27	48- 85632A45	Black Max	Sport Series
12	10.5	3	1800-2900	16-25	48- 42740A45	Black Max	Sport Series
11.25	10	3	1900-3400	14-24	48- 73132A45	Black Max	Sport Series
12.25	9	3	2300-4500	11-20	48- 87818A45	Black Max	Sport Series
12.5	8	3	2900-7400	7-16	48- 42738A45	Black Max	Sport Series

40 CT HP FourStroke – Bay / Flats Center Console

Engine RPM Range: 5500-6000 Gearcase Ratio: 2.33:1

Diameter	Pitch	No of Blades	Boat Weight	Boat Speed	RH Part Number	Propeller Name	Performance Series
13.5	15	4	1100-1600	28-34	48-8M0151361	SpitFire X7	Elite Series
14	13	4	1400-2200	23-30	48-8M0151360	SpitFire X7	Elite Series
12.8	15	4	1100-1600	28-34	48-8M8026580	SpitFire	Elite Series
13.8	13	4	1400-2200	23-30	48-8M8026570	SpitFire	Elite Series
13.8	11	4	1800-3600	18-25	48-8M8026560	SpitFire	Elite Series

Diameter	Pitch	No of Blades	Boat Weight	Boat Speed	RH Part Number	Propeller Name	Performance Series
13.8	15	3	1100-1600	28-34	48- 77342A45	Black Max	Sport Series
13.9	14	3	1200-1800	26-32	48-854352A45	Black Max	Sport Series
14	13	3	1400-2200	23-30	48- 77340A45	Black Max	Sport Series
14	11	3	1800-3600	18-25	48- 77338A45	Black Max	Sport Series

40 STD HP FourStroke – Bay / Flats Center Console

Engine RPM Range: 5500-6000 Gearcase Ratio: 2.00:1

Diameter	Pitch	No. of Blades	Boat Weight	Boat Speed	RH - Part Number	Description	Performance Category
10.6	14	4	1000-1400	25-34	48-878616A46	Trophy Sport	Elite Series
10.6	13	4	1200-1600	22-30	48-878614A46	Trophy Sport	Elite Series
10.6	12	4	1300-2100	18-27	48-878612A46	Trophy Sport	Elite Series
10.3	15	3	900-1200	29-37	48-855862A46	Vengeance	Sport Series
10.4	14	3	1000-1400	25-34	48-855860A46	Vengeance	Sport Series
10.5	13	3	1200-1600	22-30	48-855858A46	Vengeance	Sport Series
11	12	3	1300-2100	18-27	48-855856A46	Vengeance	Sport Series
11.6	11	3	1500-2500	15-24	48-823478A46	Vengeance	Sport Series
10.1	15	4	900-1200	29-37	48-8M8026640	SpitFire	Elite Series
10.1	14	4	1000-1400	25-34	48-8M8026635	SpitFire	Elite Series
10.3	13	4	1200-1600	22-30	48-8M8026630	SpitFire	Elite Series
10.6	12	4	1300-2100	18-27	48-8M8026625	SpitFire	Elite Series
10	17	3	800-1000	35-43	48- 73144A45	Black Max	Sport Series
10	16	3	800-1100	32-40	48- 73142A45	Black Max	Sport Series
10.1	15	3	900-1200	29-37	48- 73140A45	Black Max	Sport Series
10.3	14	3	1000-1400	25-34	48- 73138A45	Black Max	Sport Series
10.4	13	3	1200-1600	22-30	48- 73136A45	Black Max	Sport Series
10.6	12	3	1300-2100	18-27	48- 73134A45	Black Max	Sport Series
10.8	11	3	1500-2500	15-24	48- 85632A45	Black Max	Sport Series
12	10.5	3	1600-3000	13-22	48- 42740A45	Black Max	Sport Series
11.3	10	3	1800-3600	11-20	48- 73132A45	Black Max	Sport Series
12.3	9	3	2200-5100	8-17	48- 87818A45	Black Max	Sport Series
12.5	8	3	2700-8700	5-14	48- 42738A45	Black Max	Sport Series

MERCURY PROPELLER TYPE - ALUMINUM

MERCURY PROPELLER TYPE - ALUMINUM

Propellers sorted by Pitch, then Diameter, then by Rotation (Right-hand, Left-hand)

MERCURY PROPELLER SELECTOR

Mercury makes a propeller to fit almost any type of boating application. Another industry first, Mercury Propellers has developed a Prop Selector to assist consumers with narrowing down the propeller selection process. You can find the Propeller Selector on our website, www.mercurymarine.com, under the Mercury Propeller-Technical Information section.

MERCURY OUTBOARD PROPELLER SELECTOR CHART

Mercury Propeller selector by family for Outboards

Inflatable 16ft and Under

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
9.9-15 HP	Black Max	
20-25 HP	Black Max	Vengeance
25-30 4-stroke	Black Max, Spitfire	Vengeance
40-60 HP 4-stroke	Black Max, Spitfire	Vengeance, Trophy Sport

Aluminum

(14'-21') (4.3-6.4m)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
9.9-15 HP	Black Max	
20-25 HP	Black Max	Vengeance
25-30 HP 4-stroke	Black Max, Spitfire	Vengeance
40-60 HP (incl. 4-stroke)	Black Max, Spitfire	Vengeance, Trophy Sport
75-115 HP	Black Max, Spitfire	Vengeance, Trophy Plus, SpitFire X7
135-300 HP	Black Max, Spitfire	High Five, Tempest, Fury, Enertia

Fiberglass

to 14' (4.3m)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
9.9-15 HP	Black Max	
20-25 HP	Black Max	Vengeance
25-30 HP 4-stroke	Black Max, Spitfire	Vengeance

Fiberglass Runabout and Inflatable RIB

14'-17' (4.3-5.2m)(closed deck or bowrider, same hull...)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
30-60 HP (incl. 4-stroke)	Black Max, Spitfire	Vengeance, Trophy Sport
75-125 HP	Black Max, Spitfire	Vengeance, Trophy Plus, SpitFire X7
135-150 HP	Black Max, Spitfire	Vengeance, High Five, Enertia

Fiberglass Fish-Type

14'-17' (4.3-5.2m) (fish & ski, side console, center console)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
30-60 HP (incl. 4-stroke)	Black Max, Spitfire	Vengeance, Trophy Sport
75-115 HP	Black Max, Spitfire	Vengeance, Trophy Plus, SpitFire X7
135-225 HP	Black Max, Spitfire	High Five, Enertia, Tempest, Fury

Fiberglass Bass

14'-17' (4.3-5.2m)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
30-60 HP (incl. 4-stroke)	Black Max, Spitfire	Vengeance, Trophy Sport
75-115HP	Black Max, Spitfire	Vengeance, Trophy Plus, SpitFire X7
135-225 HP	Black Max, Spitfire	Trophy Plus, Tempest Plus, High Five, Fury, Fury 4

Fiberglass Runabout and Inflatable RIB

17'-21' (5.2-6.4m) (closed deck or bowrider, same hull . . .)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
60 4-stroke BigFoot	Black Max, Spitfire	Vengeance
75-125 HP	Black Max, Spitfire	Vengeance, SpitFire X7
135-300 HP	Black Max, Spitfire	Vengeance, High Five, Enertia

Fiberglass Fish-Type

17'-21' (5.2-6.4m) (fish & ski, side console, center console, cuddy)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
75-125 HP	Black Max, Spitfire	Vengeance, Trophy Plus, SpitFire X7
135-300 HP	Black Max, Spitfire	Enertia, Tempest Plus, High Five

Fiberglass Bass

17'-21' (5.2-6.4m)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
75-125 HP	Black Max, Spitfire	Vengeance, Trophy Plus, SpitFire X7
135-225 HP	Spitfire	Trophy Plus, Tempest Plus, High Five, Fury, Fury 4
250+ HP		Fury, Tempest Plus, Trophy Plus, Fury 4

Fiberglass Fishing

21' + (6.4m+) (side console, center console, cuddy)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
135-300 HP		Enertia, Enertia ECO, Rev 4, Tempest Plus, Mirage Plus

Aluminum Pontoon

16'-28' (4.9-8.5m)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
15-30	Black Max	Vengeance
40-60 HP (incl. 4-stroke)	Black Max, Spitfire	Vengeance, Trophy Sport
40-60 HP 4-stroke BigFoot	Black Max, Spitfire Pontoon	Vengeance
75-115 HP	Black Max, Spitfire Pontoon	Vengeance, SpitFire X7
135-300 HP	Black Max	Enertia, Vengeance, Rev 4, Mirage Plus

Fiberglass Deckboat

16'-24' (4.9-7.3m)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
40-60 4-stroke BigFoot	Black Max, Spitfire	Vengeance
75-115 HP	Black Max, Spitfire	Vengeance, Trophy Plus, SpitFire X7
135-300HP	Black Max, Spitfire	Vengeance, High Five, Enertia

MERCURY STERNDRIVE PROPELLER SELECTOR CHART

Mercury Propeller selector by famliy for Sterndrives

Fiberglass Runabout

14'-17' (4.3-5.2m)(closed deck or bowrider, same hull...)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
3.0L	Black Max	Vengeance, High Five
4.3L	Black Max	Vengeance, High Five

Fiberglass Runabout

17'-21' (5.2-6.4m) (closed deck or bowrider, same hull . . .)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
3.0L	Black Max	Vengeance
4.3L	Black Max	Vengeance, High Five
5.0L	Black Max	Vengeance, High Five
5.7L	Black Max	Vengeance, High Five

Fiberglass Runabout/Sport Boat

21' + (6.4m+) (side console, center console, cuddy)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
5.7L	Black Max	Vengeance, Mirage Plus, Rev 4
350 Mag		Vengeance, Mirage Plus, Bravo 1, Rev 4
MX 6.2L MPI		Vengeance, Mirage Plus, Bravo 1, Rev 4
8.2L Mag		Vengeance, Mirage Plus, Bravo 1, Rev 4
8.2L Mag HO		Vengeance, Mirage Plus, Bravo 1, Rev 4

Fiberglass Cruiser

21' + (6.4m+)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
4.3L	Black Max	Vengeance, High Five
5.0L	Black Max	Vengeance, High Five
5.7L	Black Max	Enertia, Vengeance, Mirage Plus, Rev 4
350 Mag		Enertia, Vengeance, Mirage Plus, Rev 4
MX 6.2L MPI		Enertia, Vengeance, Mirage Plus, Rev 4
8.2L Mag		Enertia, Vengeance, Mirage Plus, Rev 4
8.2L Mag HO		Enertia, Vengeance, Mirage Plus, Rev 4

Fiberglass Deckboat

16'-24' (4.9-7.3m)

Model/Horsepower	Aluminum Propellers	Stainless Steel Propellers
3.0L	Black Max	Vengeance, High Five
4.3L	Black Max	Vengeance, High Five
5.0L	Black Max	Vengeance, High Five
5.7L	Black Max	Vengeance, Mirage Plus, High Five, Rev 4
350 Mag		Vengeance, Mirage Plus, Rev 4
MX 6.2L MPI		Vengeance, Mirage Plus, Rev 4
8.2L Mag		Vengeance, Mirage Plus, Rev 4
8.2L Mag HO		Vengeance, Mirage Plus, Rev 4

COMPOSITE

CLEAR MACHETE PROPELLER



48-**MAF12406T**

10 X 3.5 RH Plastic 2 BL

JOYSTICK PILOTING FOR OUTBOARDS (JPO) FOR SINGLE-ENGINE PONTOONS



48-**8M0180533**

Contains Propeller 8M0178817
Use with Prop Nut Kit 8M0192279

MERCURY PROPELLER TYPE - ALUMINUM

SPITFIRE

Spitfire - the world's first performance aluminum propeller. Do you want to take your boats performance to the next level? The Spitfire provides 16-25% faster acceleration, superior holding with no penalty in top speed vs. a comparable 3 blade aluminum propeller.

Equipped with Hub Kit:
25-30 HP Flo-Torq I Rubber hub
40-60 HP Flo-Torq Reflex 835257K12
40CT - 300 HP Flo-Torq II 835257K 1

If engine RPM is appropriate with 3-blade prop, replace with the same pitch SpitFire propeller.

Right hand rotation only.

MERCURY SPITFIRE

SPITFIRE 25 - 30 HP

25-30 HP FourStroke (2006 and newer). Equipped with rubber hub 897001T.

SPITFIRE PROPELLER



48-**8M8026650**
9.3 X 9.5 RH AL 4 BL

48-**8M8026655**
9.3 X 11 RH AL 4 BL

SPITFIRE 25 CT - 60 HP

25-30 HP Bigfoot / Command Thrust FourStroke
30 HP TwoStroke, FourStroke (2005 and earlier)
40-60 HP (all years)

Equipped with Flo-Torq Reflex Hub Kit 835257K12

SPITFIRE PROPELLER



48-**8M8026620**
10.6 X 11 RH AL 4 BL

48-**8M8026625**
10.6 X 12 RH AL 4 BL

48-**8M8026630**
10.3 X 13 RH AL 4 BL

48-**8M8026635**
10.1 X 14 RH AL 4 BL

48-**8M8026640**
10.1 X 15 RH AL 4 BL

SPITFIRE 40 CT - 125 HP

40-60 HP Bigfoot / Command Thrust FourStroke
75-125 HP TwoStroke, FourStroke

10-13 pitches are designed to provide superior holding and lift for pontoon applications

Equipped with Flo-Torq II hub kit 835257K 1

SPITFIRE PONTOON PROPELLER



48-**8M8026555**
13.8 X 10 RH AL 4 BL

48-**8M8026560**
13.8 X 11 RH AL 4 BL

48-**8M8026570**
13.8 X 13 RH AL 4 BL

SPITFIRE PROPELLER



48-**8M8026580**
13.4 X 15 RH AL 4 BL

48-**8M8026590**
13.0 X 17 RH AL 4 BL

48-**8M8026600**
12.5 X 19 RH AL 4 BL

SPITFIRE 90 CT - 300 HP, ALPHA/BRAVO I STERNDRIVE

90-115 HP Command Thrust FourStroke (all years)
135-300 HP TwoStroke, FourStroke (all years)
Alpha and Bravo I Sterndrive (all years)

Equipped with Flo-Torq II Hub Kit 835257K 1

SPITFIRE CT PROPELLER



48-**8M0084491**
14 X 12 RH AL 4 BL

48-**8M0084493**
14 X 14 RH AL 4 BL

SPITFIRE PROPELLER

48-**8M0084494**
14 X 17 RH AL 4 BL

48-**8M0084495**
14 X 19 RH AL 4 BL

48-**8M0084496**
14 X 21 RH AL 4 BL

48-**8M0084497**
14 X 23 RH AL 4 BL

BLACK MAX

The Black Max aluminum propellers are standard equipment on most boats with Mercury/Mariner/MerCruiser power. Recommended for use on boats with up to 300 horsepower and with a top speed of less than 50 MPH. Pontoon style props available.

High quality die-cast aluminum
Attractive and durable high-gloss Phantom Black finish
Easy to maintain & repair

BLACK MAX 2.5 - 3.5 HP

BLACK MAX PROPELLER



48-**815083A01**
7.4 X 6 RH Plastic 3 BL

48-**815083A02**
7.4 X 7 RH Plastic 3 BL

BLACK MAX 4 - 6 HP

4-6 HP FourStroke (1999 and newer)
4-5 HP TwoStroke (1987 and newer)
Equipped with Flo-Torq I rubber hub

BLACK MAX PROPELLER



48-**812951A02**
8.4 X 6 RH AL 3 BL - High Thrust

48-**812949A02**
7.8 X 7 RH AL 3 BL

48-**812950A02**
7.8 X 8 RH AL 3 BL

BLACK MAX 6 - 15 HP

6-15 HP TwoStroke (all years)
9.9 HP FourStroke (2004 and older)
15 HP FourStroke (2007 and older)

Equipped with rubber hub 827598T

BLACK MAX PROPELLER



48-**828150A12**
9.8 X 6.5 RH AL 3 BL

48-**828152A12**
9.3 X 7 RH AL 3 BL

48-**828154A12**
9 X 8 RH AL 3 BL

48-**828156A12**
9 X 9 RH AL 3 BL

48-**828158A12**
9 X 10.5 RH AL 3 BL

MERCURY PROPELLER TYPE - ALUMINUM

BLACK MAX 8 - 9.9 HP FOURSTROKE

8-9.9 HP FourStroke with standard gearcase (2005 and newer)

Equipped with rubber hub 897453T

BLACK MAX PROPELLER



48-**897614A10**
8.9 X 7.5 RH AL 3 BL

48-**897618A10**
8.9 X 8.5 RH AL 3 BL

BLACK MAX KICKER PROPELLER



48-**812954A10**
8.7 X 5 RH AL 4 BL

BLACK MAX 9.9 CT - 20 HP FOURSTROKE

9.9 HP Bigfoot / Command Thrust FourStroke (2005 and newer)
9.9 HP Pro Kicker (all years)
15-20 HP FourStroke (2008 and newer)

Equipped with rubber hub 8M0054769

BLACK MAX PROPELLER



48-**897748A11**
9.5 X 8 RH AL 3 BL

48-**897750A11**
9.3 X 9 RH AL 3 BL

48-**897752A11**
9.3 X 10 RH AL 3 BL

48-**897754A11**
9.3 X 11.5 RH AL 3 BL

BLACK MAX KICKER PROPELLER



48-**812950A10**
10 X 7 RH AL 4 BL - BLACK

48-**812948A10**
10 X 7 RH AL 4 BL - SILVER

BLACK MAX 9.9 BF - 25 HP

9.9 - 15 HP Bigfoot FourStroke (2004 and older)
20-25 HP TwoStroke (all years)

Equipped with rubber hub 19669T

BLACK MAX PROPELLER



48- **19636A10**
10.4 X 9.5 RH AL 3 BL

48- **19638A40**
10.4 X 11 RH AL 3 BL

48- **19639A40**
10.4 X 12 RH AL 3 BL

48- **19640A40**
10.4 X 13 RH AL 3 BL

BLACK MAX 25 - 30 HP FOURSTROKE

25-30 HP FourStroke (2006 and newer)

Equipped with rubber hub 897001T

BLACK MAX PROPELLER



48-**896890A10**
10 X 8 RH AL 3 BL

48-**896892A40**
9.8 X 9.5 RH AL 3 BL

48-**896896A40**
9.5 X 11 RH AL 3 BL

48-**896900A40**
9.3 X 12.5 RH AL 3 BL

BLACK DIAMOND 25 - 30 HP (2022 AND NEWER WITH 2.17:1 GEAR RATIO)

BLACK MAX PROPELLER



48-**8M0185635**
10.7 X 10 RH AL 3 BL
48-**8M0185636**
10.7 X 11 RH AL 3 BL
48-**8M0185637**
10.6 X 12 RH AL 3 BL
48-**8M0185638**
10.5 X 13 RH AL 3 BL
48-**8M0185640**
11 X 7 RH AL 4 SILVER

BLACK MAX 25 CT - 60 HP

25-30 HP Bigfoot / Command Thrust FourStroke (all years)
30 HP TwoStroke, FourStroke (2005 and earlier)
40-60 HP (all years)

8,10.5,12,13,14 pitches available with a larger blade area for pontoon applications

Equipped with Flo-Torq Reflex hub kit 835257K12

BLACK MAX PROPELLER



48- **42738A45**
12.5 X 8 RH AL 3 BL
48- **42738CP1**
12.5 X 8 RH AL 3 BL - Extra Cup for Pontoons
48- **87818A45**
12.3 X 9 RH AL 3 BL
48- **73132A45**
11.3 X 10 RH AL 3 BL
48-**827312A45**
11.6 X 10.5 RH AL 3 BL
48- **42740A45**
12 X 10.5 RH AL 3 BL Large Blade Area for Pontoons
48- **85632A45**
10.9 X 11 RH AL 3 BL
48- **73134A45**
10.6 X 12 RH AL 3 BL
48-**816702A45**
10.8 X 12 RH AL 3 BL Large Blade Area for Pontoons
48- **73136A45**
10.4 X 13 RH AL 3 BL
48-**816704A45**
10.5 X 13 RH AL 3 BL Large Blade Area for Pontoons
48- **73138A45**
10.3 X 14 RH AL 3 BL
48-**816706A45**
10.4 X 14 RH AL 3 BL Large Blade Area for Pontoons
48- **73140A45**
10.1 X 15 RH AL 3 BL
48- **73142A45**
10 X 16 RH AL 3 BL
48- **73144A45**
10 X 17 RH AL 3 BL

BLACK MAX 40 CT - 125 HP

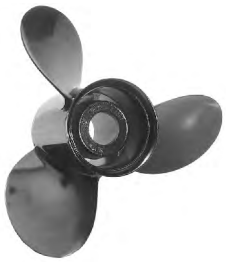
40-60 HP Command Thrust, 75-125 HP with a 4.25" gearcase (all years)

Standard propeller equipped with Flo-Torq II hub kit 835257K 1

9" - 15" pitch propellers now offered with Flo-Torq SSR hub kit 8M0150151 for reduced vibration. Replaces legacy silver propellers with rubber Flo-Torq I hub installed

10", 11", 13" pitch propellers available with extra cup for pontoon applications and include Flo-Torq SSR Hub kit 8M0150151 for reduced vibration

BLACK MAX PROPELLER



48-**854340A45**
14 X 9 RH AL 3 BL
48-**8M0151352**
14 X 9 RH AL 3BL - Equipped with Flo-Torq SSR
48-**854342A45**
14 X 10 RH AL 3 BL
48-**8M0151353**
14 X 10 RH AL 3BL - Equipped with Flo-Torq SSR
48-**8M0151354**
14 X 10 RH AL 3 BL - Extra Cup - Equipped with Flo-Torq SSR
48- **77338A45**
14 X 11 RH AL 3 BL
48-**8M0151355**
14 X 11 RH AL 3BL - Equipped with Flo-Torq SSR
48-**8M0151356**
14 x 11 RH AL 3 BL - Extra Cup - Equipped with Flo-Torq SSR
48- **77340A45**
14 X 13 RH AL 3 BL
48-**8M0151357**
14 X 13 RH AL 3BL - Equipped with Flo-Torq SSR
48-**8M0151358**
14 X 13 RH AL 3 BL - Extra Cup - Equipped with Flo-Torq SSR
48-**854352A45**
13.9 X 14 RH AL 3 BL

MERCURY PROPELLER TYPE - ALUMINUM

48-**8M0151359**
13 3/4 X 15 RH AL 3BL - Equipped with Flo-Torq SSR
48- **77342A45**
13.8 X 15 RH AL 3 BL
48-**854360A45**
13.3 X 16 RH AL 3 BL
48- **77344A45**
13.3 X 17 RH AL 3 BL
48- **77346A45**
13 X 19 RH AL 3 BL
48- **77348A45**
12.8 X 21 RH AL 3 BL
48- **77350A45**
12.5 X 23 RH AL 3 BL

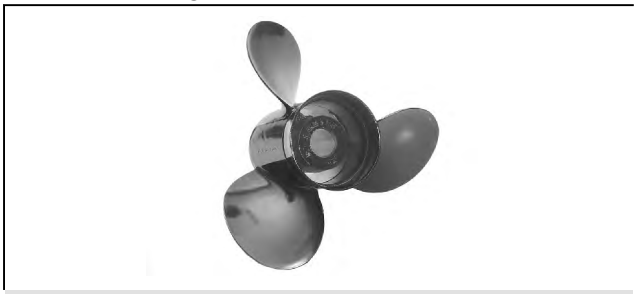
BLACK MAX 90 CT - 300 HP, ALPHA/BRAVO I STERNDRIVE

90-115 HP Command Thrust FourStroke (all years)
135-300 HP TwoStroke, FourStroke (all years)
Alpha and Bravo I Sterndrives

11,12,13,14,15 pitches avialable with extra cup for pontoon applications

Equipped with Flo-Torq II hub kit 835257K 1

BLACK MAX PROPELLER



48- **78112A45**
16 X 11 RH AL 3 BL
48- **78112CP1**
16 X 11 RH AL 3 BL - Extra Cup
48- **16436A45**
16 X 12 RH AL 3 BL
48- **16436CP1**
16 X 12 RH AL 3 BL - Extra Cup
48- **78114A45**
16 X 13 RH AL 3 BL
48- **78114CP1**
16 X 13 RH AL 3 BL - Extra Cup
48- **16438A45**
16 X 14 RH AL 3 BL
48- **16438CP1**
16 X 14 RH AL 3 BL - Extra Cup
48- **78116A45**
15.3 X 15 RH AL 3 BL
48- **78116CP1**
15.3 X 15 RH AL 3 BL - Extra Cup
48- **16440A45**
16 X 16 RH AL 3 BL
48-**832828A45**
15 X 17 RH AL 3 BL
48- **11324A45**
15.5 X 18 RH AL 3 BL
48-**832830A45**
14.5 X 19 RH AL 3 BL
48-**832832A45**
14.3 X 21 RH AL 3 BL
48-**832834A45**
14 X 23 RH AL 3 BL

BRAVO TWO - ALUMINUM

The Aluminum Bravo Two propeller is a 3-blade propeller manufactured specifically for Bravo Two sterndrives.

Equipped with rubber hub 43636T

Use with:
55074T Forward Thrust Washer
55073A 2 Aft Washer
34817 Tab Washer
826711 27 Prop Nut

Bravo Two
MERCURY MARINE

BLACK DIAMOND BRAVO TWO (MATTE BLACK)



48-**8M0155023**
20 X 11 LH AL 3 BL
48-**8M0155024**
20 X 11 RH AL 3 BL
48-**8M0155025**
19.5 X 13 LH AL 3 BL
48-**8M0155026**
19.5 X 13 RH AL 3 BL
48-**8M0155026**
19.5 X 13 RH AL 3 BL
48-**8M0155027**
19.3 X 15 LH AL 3 BL
48-**8M0155028**
19.3 X 15 RH AL 3 BL
48-**8M0155029**
18.8 X 17 LH AL 3 BL
48-**8M0155030**
18.8 X 17 RH AL 3 BL

BRAVO TWO PROPELLER



48- **18615A40**
18.3 X 19 LH AL 3 BL

48- **18614A40**
18.3 X 19 RH AL 3 BL

48- **18617A40**
17.8 X 21 LH AL 3 BL

48- **18616A40**
17.8 X 21 RH AL 3 BL

48- **18619A40**
17.5 X 23 LH AL 3 BL

48- **18618A40**
17.5 X 23 RH AL 3 BL

MERCURY PROPELLER TYPE - STAINLESS STEEL

Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

SSR HUB KIT SELECTOR

MERCURY

How to select your new Mercury propeller hub kit

The SSR lineup of hub kits should be selected for quietest operation

		2019 and newer				2018 and older				All[3]				
1	Model Year													
2	Engine	L4 Mercury 40CT - 150HP FourStroke	V6 Mercury 175 - 225HP FourStroke	V8 Mercury 200 - 300HP FourStroke	L6 Mercury 350 - 400HP FourStroke	L4/V6 Mercury 40CT - 225HP FourStroke		L6 Mercury 250 - 350HP FourStroke		Mercury TwoStroke		Mercury Alpha® & Bravo® Sterndrives		Non-Mercury
								1.00" Shaft	1.25" Shaft					
3	Prop Pitch	All				21" & lower[1]	22" & higher[2]	All		21" & lower[1]	22" & higher[2]	21" & lower[1]	22" & higher[2]	All
4	SSR 8M0150151	■	■			■								See accessory guide for correct Flo-Torq II hub solution
	SSR Solid 8M0101602						■	■						
	SSR HD 8M0101601			■	■				■					
	FTII *w/o bushing* 835257K1									■		■		
	FTII *w/ bushing* 835257K6										■		■	

[1]General purpose applications [2]High-performance and surface-piercing propeller applications [3]SSR not recommended in some applications due to potential gear shifting issues

Learn more at MercuryMarine.com

©2021 MERCURY MARINE. All rights reserved. Reproduction in whole or in part without permission is prohibited.

MERCURY STAINLESS STEEL PROPELLER CROSS REFERENCE CHART

Mercury Stainless Steel Propeller Cross Reference Chart

Starting in April 2021, hub kits will no longer be shipped with most Mercury stainless steel propellers.

Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

For additional hub kit information, refer to the Propeller Hardware and Accessories section of the guide.

Use the table as a cross reference between the legacy part numbers that included hub kits with the package and the current part numbers that do not include the hub kit.

Family	Pitch	No of Blades	LH - Legacy	LH - Legacy	RH - Legacy	RH - Legacy	LH - Current	RH - Current
Bravo I	22	4	48-831909A45	48-831909A55	48-831910A45	48-831910A55	48-8M0151210	48-8M0151211
Bravo I	24	4	48-831911A45	48-831911A55	48-831912A45	48-831912A55	48-8M0151212	48-8M0151213
Bravo I	26	4	48-831913A45	48-831913A55	48-831914A45	48-831914A55	48-8M0151214	48-8M0151215
Bravo I	28	4	48-831915A55		48-831916A55		48-8M0151216	48-8M0151217
Bravo I	30	4	48-831917A55		48-831918A55		48-8M0151218	48-8M0151219
Bravo I	32	4	48-831919A55		48-831920A55		48-8M0151220	48-8M0151221
Enertia	11	3	48-8M0070077		48-8M0070079		48-8M0151224	48-8M0151225
Enertia	13	3	48-8M0070076		48-8M0070074	48-8M0095886	48-8M0151226	48-8M0151227
Enertia	14	3	48-8M0079504		48-898988A46	48-8M0095887	48-8M0151228	48-8M0151229
Enertia	15	3	48-898991A46		48-898990A46	48-8M0095888	48-8M0151230	48-8M0151231
Enertia	16	3			48-898992A46	48-8M0095889		48-8M0151233
Enertia	17	3	48-898995A46		48-898994A46	48-8M0095890	48-8M0151234	48-8M0151235
Enertia	18	3			48-898996A46			48-8M0151237
Enertia	19	3	48-898999A46		48-898998A46		48-8M0151238	48-8M0151239
Enertia	20	3			48-899000A46			48-8M0151241
Enertia	21	3	48-899003A46		48-899002A46		48-8M0151242	48-8M0151243
Enertia	22	3			48-899202A46			48-8M0151245
Enertia ECO	17	3	48-8M0040399	48-8M0127040	48-8M0040398	48-8M0127041	48-8M0151250	48-8M0151251
Enertia ECO	18	3	48-8M0040397	48-8M0127042	48-8M0040396	48-8M0127043	48-8M0151252	48-8M0151253
Enertia ECO	19	3	48-8M0040401	48-8M0127044	48-8M0040400	48-8M0127045	48-8M0151254	48-8M0151255
Enertia ECO	20	3	48-8M0040407	48-8M0127046	48-8M0040406	48-8M0127047	48-8M0151256	48-8M0151257
Enertia ECO	21	3	48-8M0040403	48-8M0127048	48-8M0040402	48-8M0127049	48-8M0151258	48-8M0151259
Enertia ECO	22	3	48-8M0040409	48-8M0127050	48-8M0040408	48-8M0127051	48-8M0151260	48-8M0151261
Enertia ECO	23	3	48-8M0040405	48-8M0127052	48-8M0040404	48-8M0127053	48-8M0151262	48-8M0151263
Fury	22	3			48-8M8023090	48-8M0152522		48-8M0151270
Fury	23	3			48-8M8023100	48-8M0125095		48-8M0151271
Fury	24	3			48-8M8023120	48-8M0125096		48-8M0151272
Fury	25	3			48-8M8023140	48-8M0125097		48-8M0151273
Fury	26	3			48-8M8023160	48-8M0125098		48-8M0151274
Fury	27	3			48-8M8023180			48-8M0151275
Fury 4	23	4			48-8M0114407	48-8M0125099		48-8M0151278
Fury 4	24	4			48-8M0114408	48-8M0125100		48-8M0151279
Fury 4	25	4			48-8M0114409	48-8M0125101		48-8M0151280
Fury 4	26	4			48-8M0114410	48-8M0125102		48-8M0151281
HighFive	17	5			48-821154A46			48-8M0151290
HighFive	19	5			48-815758A46			48-8M0151291
HighFive	21	5			48-815760A46			48-8M0151292
Mirage Plus	15	3	48- 19841A46		48- 19838A46		48-8M0151301	48-8M0151302
Mirage Plus	17	3	48- 90159A46		48- 18278A46		48-8M0151303	48-8M0151304
Mirage Plus	19	3	48- 13701A46		48- 13700A46		48-8M0151307	48-8M0151308
Mirage Plus	21	3	48- 13703A46		48- 13702A46		48-8M0151309	48-8M0151310
Mirage Plus	23	3	48- 13705A46		48- 13704A46		48-8M0151311	48-8M0151312
Mirage Plus	25	3			48- 13706A46			48-8M0151313
Revolution 4	15	4	48-8M0064449	48-8M0127026	48-857022A46	48-8M0127027	48-8M0151314	48-8M0151315
Revolution 4	17	4	48-857025A46	48-8M0127028	48-857024A46	48-8M0127029	48-8M0151316	48-8M0151317
Revolution 4	18	4	48-8M0137907	48-8M0137925	48-8M0137906	48-8M0137924	48-8M0151318	48-8M0151319
Revolution 4	19	4	48-857027A46	48-8M0127030	48-857026A46	48-8M0127031	48-8M0151320	48-8M0151321

MERCURY PROPELLER TYPE - STAINLESS STEEL

Family	Pitch	No of Blades	LH - Legacy	LH - Legacy	RH - Legacy	RH - Legacy	LH - Current	RH - Current
Revolution 4	20	4	48-8M0070051	48-8M0127032	48-8M0070052	48-8M0127033	48-8M0151322	48-8M0151323
Revolution 4	21	4	48-857029A46	48-8M0127034	48-857028A46	48-8M0127035	48-8M0151324	48-8M0151325
Revolution 4	23	4	48-857031A46	48-8M0127036	48-857030A46	48-8M0127037	48-8M0151326	48-8M0151327
Revolution 4	25	4	48-857033A46	48-8M0127038	48-857032A46	48-8M0127039	48-8M0151328	48-8M0151329
Maximus	24	5	48-889975A65		48-889974A65		48-8M0151330	48-8M0151331
Maximus	26	5	48-889965A65		48-889964A65		48-8M0151332	48-8M0151333
Maximus	28	5	48-889967A65		48-889966A65		48-8M0151334	48-8M0151335
Maximus	30	5	48-889969A65		48-889968A65		48-8M0151336	48-8M0151337
Maximus	32	5	48-889971A65		48-889970A65		48-8M0151338	48-8M0151339
Maximus	34	5	48-889973A65		48-889972A65		48-8M0151340	48-8M0151341
Spitfire X7	13	4			48-8M0055547			48-8M0151360
Spitfire X7	15	4			48-8M0055548			48-8M0151361
Spitfire X7	17	4			48-8M0055549			48-8M0151362
Spitfire X7	19	4			48-8M0055550			48-8M0151363
Spitfire X7	21	4			48-8M0055551			48-8M0151364
Tempest Plus	17	3			48-8M8026790			48-8M0151380
Tempest Plus	19	3			48-825860A47			48-8M0151381
Tempest Plus	21	3			48-825862A47			48-8M0151382
Tempest Plus	22	3			48-8M8026820			48-8M0151383
Tempest Plus	23	3			48-825864A47			48-8M0151384
Tempest Plus	24	3			48-825872A47			48-8M0151385
Tempest Plus	25	3			48-825866A47			48-8M0151386
Tempest Plus	26	3			48-825874A47			48-8M0151387
Tempest Plus	27	3			48-825868A47			48-8M0151388
Trophy Plus	17	4			48-825930A46			48-8M0151389
Trophy Plus	19	4			48-825932A46			48-8M0151390
Trophy Plus	21	4			48-825934A47			48-8M0151391
Trophy Plus	23	4			48-825938A47			48-8M0151392
Trophy Plus	24	4			48-825940A48			48-8M0151393
Trophy Plus	25	4			48-825942A47			48-8M0151394
Trophy Plus	26	4			48-825944A47			48-8M0151395
Vengeance	10	3			48- 17310A46			48-8M0151397
Vengeance	12	3			48- 17312A46	48-8M0113150		48-8M0151398
Vengeance	14	3			48- 17314A46			48-8M0151399
Vengeance	15	3			48-854354A46			48-8M0151400
Vengeance	16	3			48- 16986A46			48-8M0151401
Vengeance	18	3			48- 16988A46			48-8M0151402
Vengeance	15	3			48- 16312A46			48-8M0151403
Vengeance	17	3	48- 16315A46		48- 16314A46		48-8M0151404	48-8M0151405
Vengeance	19	3	48- 16317A46		48- 16316A46		48-8M0151406	48-8M0151406
Vengeance	21	3			48- 16318A46			48-8M0151408

ENERTIA 90 CT - 400 HP

The Enertia is a 3-blade propeller well-suited for a variety of boats from pontoons and runabouts to offshore center console boats with multiple engines. Enertia uses Mercury's X7 alloy, which allows for a more advanced blade design. Good acceleration and top speed with fewer blow outs when cornering and during tow-sports activity. Available in left and right hand rotation. Equipped with solid PVS plugs installed. Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

MERCURY ENERTIA

ENERTIA PROPELLER



48-8M0151224
16 X 11 LH SS 3 BL

48-8M0151225
16 X 11 RH SS 3 BL

48-**8M0151226**
15.6 X 13 LH SS 3 BL
48-**8M0151227**
15.6 X 13 RH SS 3 BL
48-**8M0151228**
15.3 X 14 LH SS 3 BL
48-**8M0151229**
15.3 X 14 RH SS 3 BL
48-**8M0151230**
15 X 15 LH SS 3 BL
48-**8M0151231**
15 X 15 RH SS 3 BL
48-**8M0151233**
14.8 X 16 RH SS 3 BL
48-**8M0151234**
14.5 X 17 LH SS 3 BL
48-**8M0151235**
14.5 X 17 RH SS 3 BL
48-**8M0151237**
14.3 X 18 RH SS 3 BL
48-**8M0151238**
14 X 19 LH SS 3 BL
48-**8M0151239**
14 X 19 RH SS 3 BL
48-**8M0151241**
13.8 X 20 RH SS 3 BL
48-**8M0151242**
13.6 X 21 LH SS 3 BL
48-**8M0151243**
13.6 X 21 RH SS 3 BL
48-**8M0151245**
13.5 X 22 RH SS 3 BL

ENERTIA ECO 90 CT - 400 HP

The Enertia ECO complements the Enertia and is made with Mercury's X7 and is ideal for 200hp+ boats. The large diameter and high progressive rake improve fuel economy at cruise speeds with improved acceleration and comparable top speed. Ideal for center console boats traveling long distances. Approved for use with Joystick Piloting in left and right hand rotation. Equipped with solid PVS plugs installed. Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

MERCURY ENERTIA ECO

ENERTIA ECO PROPELLER



48-**8M0151250**
16 X 17 LH SS 3 BL
48-**8M0151251**
16 X 17 RH SS 3 BL
48-**8M0151252**
16 X 18 LH SS 3 BL
48-**8M0151253**
16 X 18 RH SS 3 BL
48-**8M0151254**
16 X 19 LH SS 3 BL
48-**8M0151255**
16 X 19 RH SS 3 BL
48-**8M0151256**
16 X 20 LH SS 3 BL
48-**8M0151257**
16 X 20 RH SS 3 BL
48-**8M0151258**
16 X 21 LH SS 3 BL
48-**8M0151259**
16 X 21 RH SS 3 BL
48-**8M0151260**
16 X 22 LH SS 3 BL
48-**8M0151261**
16 X 22 RH SS 3 BL
48-**8M0151262**
16 X 23 LH SS 3 BL
48-**8M0151263**
16 X 23 RH SS 3 BL

REVOLUTION 4 90 CT - 400 HP

The Revolution 4 is an incredible and versatile 4-blade propeller for a wide range of applications, known for a great holeshot, staying hooked up without blowouts, and the ability to provide a low-speed plane off for slower tow sport activity. Approved for use with Joystick Piloting in left and right hand rotation. Equipped with solid PVS plugs installed. Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

MERCURY MARINE Revolution 4

REVOLUTION 4 PROPELLER



48-**8M0151314**
14.6 X 15 LH SS 4 BL
48-**8M0151315**
14.6 X 15 RH SS 4 BL
48-**8M0151316**
14.6 X 17 LH SS 4 BL
48-**8M0151317**
14.6 X 17 RH SS 4 BL
48-**8M0151318**
14.6 X 18 LH SS 4 BL
48-**8M0151319**
14.6 X 18 RH SS 4 BL
48-**8M0151320**
14.6 X 19 LH SS 4 BL
48-**8M0151321**
14.6 X 19 RH SS 4 BL

48-**8M0151322**
14.6 X 20 LH SS 4 BL
48-**8M0151323**
14.6 X 20 RH SS 4 BL
48-**8M0151324**
14.6 X 21 LH SS 4 BL
48-**8M0151325**
14.6 X 21 RH SS 4 BL
48-**8M0151326**
14.6 X 23 LH SS 4 BL
48-**8M0151327**
14.6 X 23 RH SS 4 BL
48-**8M0151328**
14.6 X 25 LH SS 4 BL
48-**8M0151329**
14.6 X 25 RH SS 4 BL

REVOLUTION X - MERCURY V10 OUTBOARD

REVOLUTION X PROPELLER



48-**8M0182941**
18 LH SS 4 BL
48-**8M0182942**
18 RH SS 4 BL
48-**8M0182943**
19 LH SS 4 BL
48-**8M0182944**
19 RH SS 4 BL
48-**8M0182945**
20 LH SS 4 BL
48-**8M0182946**
20 RH SS 4 BL
48-**8M0182947**
21 RH SS 4 BL
48-**8M0182948**
21 RH SS 4 BL
48-**8M0182949**
22 LH SS 4 BL
48-**8M0182950**
22 RH SS 4 BL
48-**8M0182951**
23 LH SS 4 BL
48-**8M0182952**
23 RH SS 4 BL
48-**8M0182953**
25 LH SS 4 BL
48-**8M0182954**
25 RH SS 4 BL
48-**8M0182955**
27 LH SS 4 BL
48-**8M0182956**
27 RH SS 4 BL
48-**8M0182957**
29 LH SS 4 BL
48-**8M0182958**
29 RH SS 4 BL
48-**8M0182959**
31 LH SS 4 BL
48-**8M0182960**
31 RH SS 4 BL
48-**8M0182961**
33 LH SS 4 BL
48-**8M0182962**
33 RH SS 4 BL

FLO -TORQ X HUB KIT

FLO TORQ X HUB KIT HD



8M0182969

FLO TORQ X HUB KIT

8M0182970

FURY 90 CT - 400 HP

The Fury is a 3-blade top-of-the-line tournament bass propeller. Perfect for light to medium load situations with maximum acceleration and top speed, especially for 200+ horsepower outboards. Equipped with solid and large hole PVS plugs uninstalled. Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

FURY PROPELLER



48-**8M0151270**
14 X 22 RH SS 3 BL
48-**8M0151271**
14 X 23 RH SS 3 BL
48-**8M0151272**
14 X 24 RH SS 3 BL
48-**8M0151273**
14 X 25 RH SS 3 BL
48-**8M0151274**
14 X 26 RH SS 3 BL
48-**8M0151275**
14 X 27 RH SS 3 BL

FURY 4 90 CT - 400 HP

The Fury 4 is a 4-blade top-of-the-line tournament bass propeller. Perfect for heavy tournament-load situations with maximum acceleration and top speed, especially for 200+ horsepower outboards. Fury 4 contains extra PVS holes (8 total) to allow for holeshot customization. Equipped with solid and large hole PVS plugs uninstalled. Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

FURY 4 PROPELLER



48-**8M0151278**
14.5 X 23 RH SS 4 BL
48-**8M0151279**
14.5 X 24 RH SS 4 BL
48-**8M0151280**
14.5 X 25 RH SS 4 BL
48-**8M0151281**
14.5 X 26 RH SS 4 BL

BRAVO I 90 CT - 400 HP

The Bravo I is a 4-blade stainless steel propeller for high-performance, high drive height, outboard and sterndrive applications. Excellent speed and handling, great for stepped hulls and cats. Available in left and right hand rotation. Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

BRAVO I PROPELLER



48-**8M0151210**
15.3 X 22 LH SS 4 BL
48-**8M0151211**
15.3 X 22 RH SS 4 BL
48-**8M0151212**
15.3 X 24 LH SS 4 BL
48-**8M0151213**
15.3 X 24 RH SS 4 BL
48-**8M0151214**
15.3 X 26 LH SS 4 BL
48-**8M0151215**
15.3 X 26 RH SS 4 BL
48-**8M0151216**
15.3 X 28 LH SS 4 BL
48-**8M0151217**
15.3 X 28 RH SS 4 BL
48-**8M0151218**
15.3 X 30 LH SS 4 BL
48-**8M0151219**
15.3 X 30 RH SS 4 BL
48-**8M0151220**
15.3 X 32 LH SS 4 BL
48-**8M0151221**
15.3 X 32 RH SS 4 BL

MAXIMUS 90 CT - 400 HP

The Maximus is a 5-blade propeller well suited to performance offshore boats with high output sterndrives.

Available in left and right hand rotation

Equipped with solid PVS plugs installed

Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

MAXIMUS PROPELLER



48-**8M0151330**
15.6 X 24 LH SS 5 BL
48-**8M0151331**
15.6 X 24 RH SS 5 BL
48-**8M0151332**
15.6 X 26 LH SS 5 BL
48-**8M0151333**
15.6 X 26 RH SS 5 BL
48-**8M0151334**
15.6 X 28 LH SS 5 BL
48-**8M0151335**
15.6 X 28 RH SS 5 BL
48-**8M0151336**
15.6 X 30 LH SS 5 BL
48-**8M0151337**
15.6 X 30 RH SS 5 BL
48-**8M0151338**
15.6 X 32 LH SS 5 BL

48-**8M0151339**
15.6 X 32 RH SS 5 BL
48-**8M0151340**
15.6 X 34 LH SS 5 BL
48-**8M0151341**
15.6 X 34 RH SS 5 BL

SPITFIRE X7 40 CT - 125 HP

The Spitfire X7 is 4-blade stainless steel version of the Spitfire aluminum propeller and is suited for 75-125 horsepower applications and 40-60 horsepower command thrust with larger 4.25" gearcases. With remarkable acceleration, top speed, and holding this is the propeller of choice for these engines.

Equipped with solid PVS plugs installed

Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

MERCURY SPITFIRE X7

SPITFIRE X7 PROPELLER



48-**8M0151360**
14 X 13 RH SS 4 BL
48-**8M0151361**
13.5 X 15 RH SS 4 BL
48-**8M0151362**
13 X 17 RH SS 4 BL
48-**8M0151363**
12.8 X 19 RH SS 4 BL
48-**8M0151364**
12.8 X 21 RH SS 4 BL

TEMPEST PLUS 90 CT - 400 HP

The Tempest Plus is a great 3-blade propeller suited for a variety of inland water applications from bass boats to walleye boats, and other sport boats with 150+ horsepower outboards. This prop does well in higher motor height installations with its larger diameter over other propellers for these boat types.

17 pitch equipped with solid PVS plugs installed
19-27 pitches equipped with large hole PVS plugs installed

Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

MERCURY MARINE TEMPEST PLUS

TEMPEST PLUS PROPELLER



48-**8M0151380**
14.6 X 17 RH SS 3 BL
48-**8M0151381**
14.6 X 19 RH SS 3 BL
48-**8M0151382**
14.6 X 21 RH SS 3 BL
48-**8M0151383**
14.6 X 22 RH SS 3 BL
48-**8M0151384**
14.6 X 23 RH SS 3 BL
48-**8M0151385**
14.6 X 24 RH SS 3 BL
48-**8M0151386**
14.6 X 25 RH SS 3 BL
48-**8M0151387**
14.6 X 26 RH SS 3 BL
48-**8M0151388**
14.6 X 27 RH SS 3 BL

TROPHY PLUS 40 CT - 225 HP

The Trophy Plus is a 4-blade propeller known for great acceleration on 75-225 horsepower outboards (except V8). The 17-19 pitch is designed for 75-115 horsepower outboards.

Propeller hub is 4.25" diameter – when using on 4.75" gearcase applications and exhaust venting is excessive, install seal ring 878421.

17-19 pitches equipped with solid PVS plugs installed
21-26 pitches equipped with large hole PVS plugs installed

Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

MERCURY MARINE TROPHY PLUS

TROPHY PLUS PROPELLER



48-**8M0151389**
13.8 X 17 RH SS 4 BL
48-**8M0151390**
13.8 X 19 RH SS 4 BL

48-**8M0151391**
13.8 X 21 RH SS 4 BL
48-**8M0151392**
13.8 X 23 RH SS 4 BL
48-**8M0151393**
13.8 X 24 RH SS 4 BL
48-**8M0151394**
13.8 X 25 RH SS 4 BL
48-**8M0151395**
13.8 X 26 RH SS 4 BL

TROPHY SPORT 30 - 60 HP

The Trophy Sport is a 4-blade propeller for us with 30-60 horsepower applications where performance needs to be maximized.

Equipped with the Flo-Torq Reflex hub kit 835257K12 to eliminate clutch rattle

MERCURY MARINE TROPHY Sport

TROPHY SPORT PROPELLER



48-**878612A46**
10.6 X 12 RH SS 4 BL
48-**878614A46**
10.6 X 13 RH SS 4 BL
48-**878616A46**
10.6 X 14 RH SS 4 BL

HIGHFIVE 90 CT - 400 HP

The HighFive is a 5-blade propeller that performs well on older, underpowered, or heavily loaded boats engaged in watersports type activity, or with some large cruisers without extra power available. The High Five is also a great fit for legacy two stroke carbureted outboards that tend to run rich at idle or slow speeds, allowing for better engine speed increase on hole shot to eliminate the fuel rich condition.

Equipped with solid PVS plugs installed

Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

MERCURY MARINE HIGHFIVE

HIGHFIVE PROPELLER



48-**8M0151290**
13.5 X 17 RH SS 5 BL
48-**8M0151291**
13.3 X 19 RH SS 5 BL
48-**8M0151292**
13.3 X 21 RH SS 5 BL

MIRAGE PLUS 90 CT - 400 HP

The Mirage Plus is a 3-blade propeller well known for its use in higher horsepower sterndrive applications where top speed is important. Also for offshore fishing boats with outboards.

Equipped with solid PVS plugs installed

Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

MERCURY MARINE MIRAGE plus

MIRAGE PLUS PROPELLER



48-**8M0151301**
15.8 X 15 LH SS 3 BL
48-**8M0151302**
15.8 X 15 RH SS 3 BL
48-**8M0151303**
15.5 X 17 LH SS 3 BL
48-**8M0151304**
15.5 X 17 RH SS 3 BL
48-**8M0151307**
15.3 X 19 LH SS 3 BL
48-**8M0151308**
15.3 X 19 RH SS 3 BL
48-**8M0151309**
14.8 X 21 LH SS 3 BL
48-**8M0151310**
14.8 X 21 RH SS 3 BL
48-**8M0151311**
14.6 X 23 LH SS 3 BL
48-**8M0151312**
14.6 X 23 RH SS 3 BL

48-**8M0151313**
14.5 X 25 RH SS 3 BL

VENGEANCE

The Vengeance is a great 3-blade propeller to use as a stainless steel upgrade from an aluminum propeller in a variety of applications. The Vengeance is known for its durability over aluminum propellers.

Many sizes are available to accommodate a variety of engine types.

MERCURY MARINE
VENGEANCE

VENGEANCE 25 - 30 HP FS

20-25 HP FourStroke (2006 and newer)

Equipped with rubber hub 897001T

VENGEANCE PROPELLER



48-**899818A05**
9.8 X 9.5 RH SS 3 BL

48-**899820A05**
9.5 X 11 RH SS 3 BL

VENGEANCE 25 BF - 60 HP

25 HP Bigfoot and 30 HP 2005 and earlier)
30 HP Command Thrust (2010 and newer)
40-60 HP (all years)

Equipped with Flo-Torq Reflex hub kit 835257K12

VENGEANCE PROPELLER



48-**823478A46**
11.6 X 11 RH SS 3 BL

48-**855856A46**
11 X 12 RH SS 3 BL

48-**855858A46**
10.5 X 13 RH SS 3 BL

48-**855860A46**
10.4 X 14 RH SS 3 BL

48-**855862A46**
10.3 X 15 RH SS 3 BL

VENGEANCE 40 CT - 125 HP

Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

VENGEANCE PROPELLER



48-**8M0151397**
14 X 10 RH SS 3 BL

48-**8M0151398**
14 X 12 RH SS 3 BL

48-**8M0151399**
13.4 X 14 RH SS 3 BL

48-**8M0151400**
13.3 X 15 RH SS 3 BL

48-**8M0151401**
13.1 X 16 RH SS 3 BL

48-**8M0151402**
13 X 18 RH SS 3 BL

VENGEANCE 90 CT - 300 HP

Hub kit required – sold separately. Reference hub kit selection guide at beginning of Stainless Steel section for choosing the ideal hub kit.

VENGEANCE PROPELLER



48-**8M0151403**
14.5 X 15 RH SS 3 BL

48-**8M0151404**
14.5 X 17 LH SS 3 BL

48-**8M0151405**
14.5 X 17 RH SS 3 BL

48-**8M0151406**
14 X 19 LH SS 3 BL

48-**8M0151407**
14 X 19 RH SS 3 BL

48-**8M0151408**
13.8 X 21 RH SS 3 BL

VERADO12 500 - 600 HP

Leave no horsepower behind. Verado12 Propellers are for exclusive use on the Mercury V12 outboard. Front and Rear props used as a pair should be the same pitch.

VERADO12

VERADO12



48-**8M0166979**
23 LH SS 4 BL - Front

48-**8M0166980**
23 RH SS 3 BL - Rear

48-**8M0166981**
24.5 LH SS 4 BL - Front

48-**8M0166982**
24.5 RH SS 3 BL - Rear

48-**8M0166983**
26 LH SS 4 BL - Front

48-**8M0166984**
26 RH SS 3 BL - Rear

48-**8M0166985**
27.5 LH SS 4 BL - Front

48-**8M0166986**
27.5 RH SS 3 BL - Rear

48-**8M0166987**
29 LH SS 4 BL - Front

48-**8M0166988**
29 RH SS 3 BL - Rear

48-**8M0166989**
31 LH SS 4 BL - Front

48-**8M0166990**
31 RH SS 3 BL - Rear

48-**8M0166991**
33 LH SS 4 BL - Front

48-**8M0166992**
33 RH SS 3 BL - Rear

48-**8M0166993**
35 LH SS 4 BL - Front

48-**8M0166994**
35 RH SS 3 BL - Rear

48-**8M0166995**
37 LH SS 4 BL - Front

48-**8M0166996**
37 RH SS 3 BL - Rear

BRAVO TWO - STAINLESS STEEL

The Stainless Steel Bravo Two propeller is a 3-blade propeller manufactured specifically for Bravo Two drives. Stainless Steel offers better durability and performance over aluminum. Equipped with rubber hub 43636T.

Use with:
55074T Forward Thrust Washer
55073A 2 Aft Washer
34817 Tab Washer
826711 27 Prop Nut

Bravo Two
MERCURY MARINE

BRAVO TWO PROPELLER



48- **18607A 6**
20 X 11 LH SS 3 BL

48- **18606A 6**
20 X 11 RH SS 3 BL

48- **18609A 6**
19.5 X 13 LH SS 3 BL

48- **18608A 6**
19.5 X 13 RH SS 3 BL

48- **18611A 6**
19.3 X 15 LH SS 3 BL

48- **18610A 6**
19.3 X 15 RH SS 3 BL

48- **18613A 6**
18.8 X 17 LH SS 3 BL

48- **18612A 6**
18.8 X 17 RH SS 3 BL

48- **18615A 6**
18.3 X 19 LH SS 3 BL

48- **18614A 6**
18.3 X 19 RH SS 3 BL

48- **18617A 6**
17.8 X 21 LH SS 3 BL

48- **18616A 6**
17.8 X 21 RH SS 3 BL

48- **18619A 6**
17.5 X 23 LH SS 3 BL

48- **18618A 6**
17.5 X 23 RH SS 3 BL

BRAVO FOUR S

The Bravo Four S propeller is made specifically for the Bravo Four S Forward Facing Drive. The propellers deliver exceptional perfomance and reliability when used in the demanding Bravo Four S application.

Use in matched pitch sets only.

Use with:
8M0173364 Nose Cone
8M0173363 Nose Cone Fastener
805100 Thrust Washer
805101T Thrust Washer
862907 Prop Nut
8M0105210 Prop Nut

BRAVO FOUR S



48-**8M0167001**
19.5 LH SS 4 BL - Front

48-**8M0167002**
19.5 RH SS 3 BL - Rear

48-**8M0167003**
21 LH SS 4 BL - Front

48-**8M0167004**
21 RH SS 3 BL - Rear

48-**8M0167005**
22.5 LH SS 4 BL - Front

48-**8M0167006**
22.5 RH SS 3 BL - Rear

48-**8M0167007**
24 LH SS 4 BL - Front

48-**8M0167008**
24 RH SS 3 BL - Rear

48-**8M0167009**
25.5 LH SS 4 BL - Front

48-**8M0167010**
25.5 RH SS 3 BL - Rear

BRAVO THREE

This amazing twin-prop drive system features stainless steel props: A large diameter forward propeller and a smaller diameter aft propeller for unbelievable handling and boat control.

Bravo Three features 4-blade front, 3-blade rear set that offers better acceleration performance and enhanced holding. Bravo Three is available in both matte and high polish finishes. Mixing with old style three blade front three blade rear Bravo Three propellers is not recommended. For part number information on the old Bravo Three propellers (2008 and earlier) see the historical propeller charts section of this guide.

Use with:
805100 Aft Thrust Washer
805101T Forward Thrust Washer
862907 Aft Prop Nut
8M0105210 Forward Prop Nut

BRAVO THREE PROPELLER (HIGH POLISH FINISH)



48-**8M8022349**
16 X 19 LH SS 4 BL - Front

48-**8M8022359**
14.4 X 19 RH SS 3 BL - Rear

48-**8M8022369**
16 X 20 LH SS 4 BL - Front

48-**8M8022379**
14.4 X 20 RH SS 3 BL - Rear

48-**8M8022389**
15.9 X 21 LH SS 4 BL - Front

48-**8M8022399**
14.3 X 21 RH SS 3 BL - Rear

48-**8M8022409**
15.8 X 22.5 LH SS 4 BL - Front

48-**8M8022419**
14.3 X 22.5 RH SS 3 BL - Rear

BRAVO THREE PROPELLER

48-**8M8022429**
15.5 X 24 LH SS 4 BL - Front High Polish Finish

48-**8M8022439**
14 X 24 RH SS 3 BL - Rear High Polish Finish

BRAVO THREE PROPELLER (HIGH POLISH FINISH)

48-**8M8022449**
15.3 X 26 LH SS 4 BL - Front

48-**8M8022459**
13.8 X 26 RH SS 3 BL - Rear

48-**8M8022469**
15 X 28 LH SS 4 BL - Front

48-**8M8022479**
13.5 X 28 RH SS 3 BL - Rear

BRAVO THREE PROPELLER (MATTE FINISH)

48-**8M8022340**
16 X 19 LH SS 4 BL - Front
48-**8M8022350**
14.4 X 19 RH SS 3 BL - Rear
48-**8M8022360**
16 X 20 LH SS 4 BL - Front
48-**8M8022370**
14.4 X 20 RH SS 3 BL - Rear
48-**8M8022380**
15.9 X 21 LH SS 4 BL - Front
48-**8M8022390**
14.3 X 21 RH SS 3 BL - Rear
48-**8M8022400**
15.8 X 22.5 LH SS 4 BL - Front
48-**8M8022410**
14.3 X 22.5 RH SS 3 BL - Rear
48-**8M8022420**
15.5 X 24 LH SS 4 BL - Front
48-**8M8022430**
14 X 24 RH SS 3 BL - Rear
48-**8M8022440**
15.3 X 26 LH SS 4 BL - Front
48-**8M8022450**
13.8 X 26 RH SS 3 BL - Rear
48-**8M8022460**
15 X 28 LH SS 4 BL - Front
48-**8M8022470**
13.5 X 28 RH SS 3 BL - Rear

BRAVO THREE DIESEL

Designed for use on heavier boats high HP diesels. A large diameter four-blade front propeller coupled with a smaller diameter, three-blade rear propeller provides unmatched acceleration, tracking and handling with diesel applications. Extra cup built in to the trailing edges of both front and rear props captures the torque generated by today's turbocharged diesel engines. Best performing propeller for modern diesel engines matched to Bravo III drives.

Key Features:
Left-hand, 4-blade forward and right-hand, 3-blade rear propellers.
Enhanced blade cup for improved planing performance and fuel economy.
Recommended for 260-370 H.P. diesel engines.
Fit for use on standard Bravo Three, Bravo Three X and Bravo Three XR drives.
Bravo Three Diesel Propellers feature a durable matte finish
Moving from the standard Bravo Three propellers to the Bravo Three Diesel props will result in one inch pitch decrease to match the same RPM.

Use with:
805100 Aft Thrust Washer
805101T Forward Thrust Washer
862907 Aft Prop Nut
8M0105210 Forward Prop Nut

BRAVO THREE DIESEL



48-**8M0074865**
16 X 21 LH SS 4 BL - Front
48-**8M0074866**
15 X 21 RH SS 3 BL - Rear
48-**8M0074867**
16 X 23 LH SS 4 BL - Front
48-**8M0074868**
15 X 23 RH SS 3 BL - Rear
48-**8M0074869**
15.8 X 25 LH SS 4 BL - Front
48-**8M0074870**
14.8 X 25 RH SS 4 BL - Rear
48-**8M0074871**
15.5 X 27 LH SS 4 BL - Front
48-**8M0074872**
14.5 X 27 RH SS 3 BL - Rear

Z - SERIES PROPELLER

Original equipment for Zeus pod drives up to 550 HP. A large diameter 4 blade forward propeller and a smaller diameter 3 blade aft propeller provides outstanding acceleration and boat control. These props come in a tough matte finish.

ZEUS PROPELLER



48-**8M8021430**
Z6 4 Blade LH Front Propeller
48-**8M8021440**
Z6 3 Blade RH Rear Propeller
48-**8M8021450**
Z7 4 Blade LH Front Propeller
48-**8M8021460**
Z7 3 Blade RH Rear Propeller
48-**8M8021470**
Z8 4 Blade LH Front Propeller
48-**8M8021480**
Z8 3 Blade RH Rear Propeller
48-**8M8021490**
Z9 4 Blade LH Front Propeller
48-**8M8021500**
Z9 3 Blade RH Rear Propeller
48-**8M8021510**
Z10 4 Blade LH Front Propeller
48-**8M8021520**
Z10 3 Blade RH Rear Propeller

48-**8M8021530**
Z11 4 Blade LH Front Propeller
48-**8M8021540**
Z11 3 Blade RH Rear Propeller
48-**8M8021550**
Z12 4 Blade LH Front Propeller
48-**8M8021560**
Z12 3 Blade RH Rear Propeller
48-**8M8023600**
Z13 4 Blade LH Front Propeller
48-**8M8023610**
Z13 3 Blade RH Rear Propeller
48-**8M8021590**
Z14 4 Blade LH Front Propeller
48-**8M8021600**
Z14 3 Blade RH Rear Propeller
48-**8M8021610**
Z15 4 Blade LH Front Propeller
48-**8M8021620**
Z15 3 Blade RH Rear Propeller
48-**8M8021630**
Z16 4 Blade LH Front Propeller
48-**8M8021640**
Z16 3 Blade RH Rear Propeller
48-**8M8021650**
Z17 4 Blade LH Front Propeller
48-**8M8021660**
Z17 3 Blade RH Rear Propeller
48-**8M8021670**
Z18 4 Blade LH Front Propeller
48-**8M8021680**
Z18 3 Blade RH Rear Propeller
48-**8M8021690**
Z19 4 Blade LH Front Propeller
48-**8M8021700**
Z19 3 Blade RH Rear Propeller

M - SERIES PROPELLER

Original equipment on select Zeus pod drives up to 700 HP. Additional blade area vs. Z series props is an excellent fit for higher horsepower Zeus applications. These props come in a tough matte finish.

M-SERIES PROPELLER



48-**8M0079236**
M0 5 Blade LH Front Propeller
48-**8M0079237**
M0 4 Blade RH Rear Propeller
48-**8M0063951**
M1 5 Blade LH Front Propeller
48-**8M0063952**
M1 4 Blade RH Rear Propeller
48-**8M8024110**
M2 5 Blade LH Front Propeller
48-**8M8024120**
M2 4 Blade RH Rear Propeller
48-**8M8023800**
M4 5 Blade LH Front Propeller
48-**8M8023810**
M4 4 Blade RH Rear Propeller
48-**8M8023820**
M5 5 Blade LH Front Propeller
48-**8M8023830**
M5 4 Blade RH Rear Propeller
48-**8M8023840**
M6 5 Blade LH Front Propeller
48-**8M8023850**
M6 4 Blade RH Rear Propeller
48-**8M8023860**
M7 5 Blade LH Front Propeller
48-**8M8023870**
M7 4 Blade RH Rear Propeller
48-**8M8023880**
M8 5 Blade LH Front Propeller
48-**8M8023890**
M8 4 Blade RH Rear Propeller
48-**8M8023900**
M9 5 Blade LH Front Propeller
48-**8M8023910**
M9 4 Blade RH Rear Propeller
48-**8M8023920**
M10 5 Blade LH Front Propeller
48-**8M8023930**
M10 4 Blade RH Rear Propeller
48-**8M8023940**
M11 5 Blade LH Front Propeller
48-**8M8023950**
M11 4 Blade RH Rear Propeller
48-**8M8023960**
M12 5 Blade LH Front Propeller
48-**8M8023970**
M12 4 Blade RH Rear Propeller
48-**8M8023980**
M13 5 Blade LH Front Propeller
48-**8M8023990**
M13 4 Blade RH Rear Propeller
48-**8M8024000**
M14 5 Blade LH Front Propeller
48-**8M8024010**
M14 4 Blade RH Rear Propeller

MERCURY RACING PROPELLER TYPE

SPITFIRE XP

- The Pro Finished Spitfire XP is designed for shallow running flats boats.
- The fourth blade and flared exhaust barrel allow for lighting fast hole shot in shallow condition.
- Dial in RPM with available half inch pitch offerings.
- 60R to 115 HP outboards
- The hub kit is not included; use 835257K6 or 835258K 2

SPITFIRE XP PROPELLER



48-**8M0167641**
14 x 12 Pitch RH
48-**8M0167642**
14 x 12.5 Pitch RH
48-**8M0167643**
14 x 13 Pitch RH
48-**8M0167659**
13.5 x 13.5 Pitch RH
48-**8M0167660**
13.5 x 14 Pitch RH
48-**8M0167661**
13.5 x 14.5 Pitch RH
48-**8M0167662**
13.5 x 15 Pitch RH
48-**8M0167664**
13 x 15.5 Pitch RH
48-**8M0167665**
13 x 16 Pitch RH
48-**8M0167666**
13 x 16.5 Pitch RH
48-**8M0167667**
13 x 17 Pitch RH
48-**8M0167697**
12.7 x 17.5 Pitch RH
48-**8M0167698**
12.7 x 18 Pitch RH
48-**8M0167699**
12.7 x 18.5 Pitch RH
48-**8M0167700**
12.7 x 19 Pitch RH
48-**8M0167702**
12.7 x 19.5 Pitch RH
48-**8M0167703**
12.7 x 20 Pitch RH
48-**8M0167704**
12.7 x 20.5 Pitch RH
48-**8M0167705**
12.7 x 21 Pitch RH

CLEAVER 40 - 60 HP

•The TE Cleaver is satin finish with through hub exhaust
•13 tooth broached spline

•Utilizes standard thrust washer and prop nut kit 11-31990Q02
•Applicable for Inflatable tunnels, EP Vee bottoms, Alaskan Flats and Sport C tunnels

CLEAVER PROPELLER 40-60 HP



48-**891510A01**
12 X 22 Pitch RH

CHOPPER II - MERCURY 30 (U.S. ORIGIN) AND 40 - 60 HP

•The Chopper II is satin finish with over-the-hub exhaust
•13 spline rubber hub (43676T)- uses thrust hub 73345A1
•Applicable for light weight perfmance boats up to 60 hp

LIGHTNING E.T.

•The Lightning E.T. is Lab Finished and features over-the-hub exhaust
•Hub kit is not included, use 840389K06 for 1.25 inch prop shaft and 835258K 1 for 1 inch prop shaft
•Applicable for lightweight bass boats, tunnel boats, and outboard drag racing
•150 to 300 hp outboard only

LIGHTNING E.T. PROPELLER



48-**849508L62**
14.5 X 32 Pitch RH
48-**849506L62**
14.5 x 30 Pitch RH
48-**849248L62**
14.5 X 28 Pitch RH
48-**849246L62**
14.5 X 26 Pitch RH

PRO MAX PROPELLER

•The Pro Finished Pro Max has a polished appearance with durable leading edges, robust blade thickness, tuned cup height and zero balanced. Lab Finished also has a polished appearance, crisp leading edge, thinned blades, tuned cup height and zero balanced (expect to gain 150 RPM over Pro Finished, pitch for pitch).
•150 to 400 hp outboard only
•The Hub kit not included; 835257K6 or 835258K 2 for 1 inch or 840389K06 for 1.25 inch propshaft.
•Applicable for performance bass boats, 19 to 22 foot single outboard performance vee bottoms, and tunnel boats

PRO MAX PROPELLER



48-**8M0079707**
14.5 x 32 Pitch RH

48-**8M0112990**
14.5 x 31.5 Pitch RH

48-**8M0079706**
14.5 x 31 Pitch RH

48-**8M0112989**
14.5 x 30.5 Pitch RH

48-**8M0079705**
14.5 x 30 Pitch RH

48-**8M0112988**
14.5 x 29.5 Pitch RH

48-**8M0079704**
14.5 x 29 Pitch RH

48-**8M0112987**
14.5 x 28.5 Pitch RH

48-**8M0079703**
14.5 x 28 Pitch RH

48-**8M0112986**
14.5 x 27.5 Pitch RH

48-**8M0079702**
14.5 x 27 Pitch RH

48-**8M0112985**
14.5 x 26.5 Pitch RH

48-**8M0079701**
14.5 x 26 Pitch RH

48-**8M0112984**
14.5 x 25.5 Pitch RH

48-**8M0079700**
14.5 x 25 Pitch RH

48-**8M0112983**
14.5 x 24.5 Pitch RH

48-**8M0079699**
14.5 x 24 Pitch RH

48-**8M0112982**
14.5 x 23.5 Pitch RH

48-**8M0079698**
14.5 x 23 Pitch RH

48-**8M0112981**
14.5 x 22.5 Pitch RH

48-**8M0079696**
14.5 x 32 Pitch RH Lab Finished

48-**8M0079695**
14.5 x 30 Pitch RH Lab Finished

48-**8M0079694**
14.5 x 28 Pitch RH Lab Finished

48-**8M0079693**
14.5 x 26 Pitch RH Lab Finished

48-**8M0079692**
14.5 x 24 Pitch RH Lab Finished

BRAVO I LT PRO FINISHED

•The Pro Finished Bravo I LT is offered in one half pitch increments for extreme precision when dialing in engine rpm for maximized performance
•Equipped with (4) adjustable PVS exhaust vent holes offering improved time-to-plane. The 4 blades and full length barrel support staying on plane during slow turns, great rough water handling, and excellent mid-range acceleration
•150 to 400 hp outboard and 450R HD gear case only, up to 600 hp sterndrive
•Hub kit sold separately; 835257K6 or 835258K2 for 1 inch propshaft or for 1.25 inch propshaft use 840389K06 or 840389Q06

BRAVO I LT PROPELLER



48-**8M0129049**
15.25 x 29 Pitch RH

48-**8M0142107**
15.25 x 29 Pitch LH

48-**8M0129048**
15.25 x 28.5 Pitch RH

48-**8M0129046**
15.25 x 28 Pitch RH

48-**8M0142106**
15.25 x 28 Pitch LH

48-**8M0121604**
15.25 x 27.5 Pitch RH

48-**8M0121603**
15.25 x 27 Pitch RH

48-**8M0142105**
15.25 x 27 Pitch LH

48-**8M0121602**
15.25 x 26.5 Pitch RH

48-**8M0121601**
15.25 x 26 Pitch RH

48-**8M0142104**
15.25 x 26 Pitch LH

48-**8M0121600**
15.25 x 25.5 Pitch RH

48-**8M0121599**
15.25 x 25 Pitch RH

48-**8M0142103**
15.25 x 25 Pitch LH
48-**8M0121598**
15.25 x 24.5 Pitch RH
48-**8M0121597**
15.25 x 24 Pitch RH
48-**8M0142102**
15.25 x 24 Pitch LH
48-**8M0121596**
15.25 x 23.5 RH
48-**8M0121595**
15.25 x 23 Pitch RH
48-**8M0142101**
15.25 x 23 Pitch LH
48-**8M0121594**
15.25 x 22.5 Pitch RH
48-**8M0121593**
15.25 x 22 Pitch RH
48-**8M0142100**
15.25 x 22 Pitch LH
48-**8M0121592**
15.25 x 21.5 Pitch RH
48-**8M0121591**
15.25 x 21 Pitch RH
48-**8M0142099**
15.25 x 21 Pitch LH
48-**8M0121590**
15.25 x 20.5 Pitch RH
48-**8M0121589**
15.25 x 20 Pitch RH
48-**8M0142098**
15.25 x 20 Pitch LH
48-**8M0126237**
15.25 x 19.5" Pitch RH
48-**8M0126236**
15.25 x 19 Pitch RH
48-**8M0142097**
15.25 x 19 Pitch LH

BRAVO I XS PRO FINISHED

•The Pro Finished Bravo I XS features the same shorteded barrel as the Bravo I FS, but has (8) PVS vent holes for optimal two stroke planing performance
•The four blades support staying on plane during slow switchback turns, great rough water handling and excellent mid-range acceleration
•Applications include lightweight to heavy walleye, bass, flats and some ultra-high speed bass boats
•150 to 300 hp two stroke outboards
•PVS large vent hole fittings included.
•Hub kit sold separately; 835257K6 or 835258K2 for 1 inch propshaft or for 1.25 inch propshaft use 840389K06 or 840389Q06.

BRAVO I XS PROPELLER



48-**8M0100109**
15.25 x 31.5 Pitch RH
48-**831918L80**
15.25 x 31 Pitch RH
48-**8M0111151**
15.25 x 30.5 Pitch RH
48-**831918L60**
15.25 x 30 Pitch RH
48-**8M0100107**
15.25 x 29.5 Pitch RH
48-**831916L80**
15.25 x 29 Pitch RH
48-**8M0111150**
15.25 x 28.5 Pitch RH
48-**831916L60**
15.25 x 28 Pitch RH
48-**8M0100106**
15.25 x 27.5 Pitch RH
48-**831914L80**
15.25 x 27 Pitch RH
48-**8M0111149**
15.25 x 26.5 Pitch RH
48-**831914L60**
15.25 x 26 Pitch RH
48-**8M0100105**
15.25 x 25.5 Pitch RH
48-**831912L80**
15.25 x 25 Pitch RH
48-**8M0111148**
15.25 x 24.5 Pitch RH
48-**831912L60**
15.25 x 24 Pitch RH
48-**8M0100104**
15.25 x 23.5 Pitch RH
48-**831910L80**
15.25 x 23 Pitch RH
48-**8M0111147**
15.25 x 22.5 Pitch RH

48-**831910L60**
15.25 x 22 Pitch RH

BRAVO I XC PRO FINISHED

•The Pro Finished Bravo I XC is designed for shallow water running, requiring quick planing and durable trailing edges
•Equipped with PVS allowing exhaust adjustment for planing, extended barrel to support quick hole shot and extra trailing edge cup for greater durability
•At WOT the 20 inch pitch Bravo I XC should offer similar rpm to the standard 22 inch pitch Bravo I
•Hub kit sold separately, 835257K6 or 835258K2 for 1 inch or 840389K06 for 1.25 inch propshaft.

BRAVO I XC PROPELLER



48-**8M0100112**
15.3 x 24 Pitch RH
48-**8M0100111**
15.3 x 22 Pitch RH
48-**8M0118470**
15.3 x 21 Pitch RH
48-**8M0100110**
15.3 x 20 Pitch RH
48-**8M0118468**
15.3 x 19 Pitch RH

BRAVO I FS PRO FINISHED

•The Pro Finished Bravo I FS propeller is designed to improve ride quality, hole shot, and top end speed for a variety of applications. The 4 blades deliver unmatched time-to-plane performance, mid-range punch, and improved fuel economy
•150-400 hp, 450R HD gear case outboard and up to 600 hp sterndrive applications.
•Applicable for medium to heavy outboard bass, flats, cat flats, bay boats, center consoles and sterndrive deck and vee bottom boats
•A majority of four stroke outboards and sterndrive applications will use the prop with all four vent holes plugged with solid PVS fittings. Larger heavier multiple engine applications may benefit by taking one or two fittings out for improved planing
•Eligible for Joy Stick Piloting outboards.
•Hub kit sold separately; 835258K2 for 1 inch and 840389K06 or 840389Q06 for 1.25 inch propshaft.

BRAVO I FS PROPELLER



48-**8M0104419**
15.25 x 33 Pitch RH
48-**8M0104420**
15.25 x 33 Pitch LH
48-**8M0104417**
15.25 x 32 Pitch RH
48-**8M0104418**
15.25 x 32 Pitch LH
48-**8M0064477**
15.25 x 31 Pitch RH
48-**8M0071097**
15.25 x 31 Pitch LH
48-**8M0064476**
15.25 x 30 Pitch RH
48-**8M0071096**
15.25 x 30 Pitch LH
48-**8M0064475**
15.25 x 29 Pitch RH
48-**8M0071095**
15.25 x 29 Pitch LH
48-**8M0128335**
15.25 x 28.5 Pitch RH
48-**8M0064473**
15.25 x 28 Pitch RH
48-**8M0071094**
15.25 x 28 Pitch LH
48-**8M0064472**
15.25 x 27 Pitch RH
48-**8M0071093**
15.25 x 27 Pitch LH
48-**8M0128334**
15.25 x 26.5 Pitch RH
48-**8M0064471**
15.25 x 26 Pitch RH
48-**8M0071092**
15.25 x 26 Pitch LH
48-**8M0129397**
15.25 x 25.5 Pitch RH

48-**8M0064470**
15.25 x 25 Pitch RH
48-**8M0071091**
15.25 x 25 Pitch LH
48-**8M0128333**
15.25 x 24.5 Pitch RH
48-**8M0064469**
15.25 x 24 Pitch RH
48-**8M0071090**
15.25 x 24 Pitch LH
48-**8M0152624**
15.25 x 23.5 Pitch RH
48-**8M0064468**
15.25 x 23 Pitch RH
48-**8M0071089**
15.25 x 23 Pitch LH
48-**8M0128332**
15.25 x 22.5 Pitch RH
48-**8M0064450**
15.25 x 22 Pitch RH
48-**8M0071088**
15.25 x 22 Pitch LH
48-**8M0118471**
15.25 x 21.5 Pitch RH
48-**8M0090455**
15.25 x 21 Pitch RH
48-**8M0090457**
15.25 x 21 Pitch LH
48-**8M0118469**
15.25 x 20.5 Pitch RH
48-**8M0090451**
15.25 x 20 Pitch RH
48-**8M0090453**
15.25 x 20 Pitch LH

REVOLUTION 4 XP

•The Pro Finished Mercury Racing Revolution 4 XP is offered in half pitch increments designed to fine tune the engines RPM maximizing performance
•Applicable for Center Console, Bay and work boats
•150 to 400 hp and 450R HD gear case outboards only, sterndrive up to 600 hp
•Eligible for Joy Stick Piloting outboards
•Hub kit sold separately; 835258K2 for 1 inch and 840389K06 or 840389Q06 for 1.25 inch propshaft

REVOLUTION 4 XP



48-**8M0173918**
15.00 x 26 Pitch RH
48-**8M0173925**
15.00 x 27.5 Pitch LH
48-**8M0173924**
15.00 x 27.5 Pitch RH
48-**8M0173923**
15.00 x 27 Pitch LH
48-**8M0173922**
15.00 x 27 Pitch RH
48-**8M0173921**
15.00 x 26.5 Pitch LH
48-**8M0173920**
15.00 x 26.5 Pitch RH
48-**8M0173919**
15.00 x 26 Pitch LH
48-**8M0173918**
15.00 x 26 Pitch RH

REVOLUTION 4 XP



48-**8M0113959**
14.6 x 25.5 Pitch LH
48-**8M0113958**
14.6 x 25.5 Pitch RH
48-**8M0113957**
14.6 x 25 Pitch LH
48-**8M0113956**
14.6 x 25 Pitch RH
48-**8M0113955**
14.6 x 24.5 Pitch LH
48-**8M0113954**
14.6 x 24.5 Pitch RH
48-**8M0113953**
14.6 x 24 Pitch LH
48-**8M0113952**
14.6 x 24 Pitch RH
48-**8M0113951**
14.6 x 23.5 Pitch LH
48-**8M0113950**
14.6 x 23.5 Pitch RH
48-**8M0113949**
14.6 x 23 Pitch LH
48-**8M0113948**
14.6 x 23 Pitch RH
48-**8M0113947**
14.6 x 22.5 Pitch LH
48-**8M0113946**
14.6 x 22.5 Pitch RH
48-**8M0113945**
14.6 x 22 Pitch LH
48-**8M0113944**
14.6 x 22 Pitch RH
48-**8M0113943**
14.6 x 21.5 Pitch LH
48-**8M0113942**
14.6 x 21.5 Pitch RH
48-**8M0113941**
14.6 x 21 Pitch LH
48-**8M0113940**
14.6 x 21 Pitch RH
48-**8M0113939**
14.6 x 20.5 Pitch LH
48-**8M0113938**
14.6 x 20.5 Pitch RH

48-**8M0113937**
14.6 x 20 Pitch LH
48-**8M0113936**
14.6 x 20 Pitch RH
48-**8M0113935**
14.6 x 19.5 Pitch LH
48-**8M0113934**
14.6 x 19.5 Pitch RH
48-**8M0113933**
14.6 x 19 Pitch LH
48-**8M0113932**
14.6 x 19 Pitch RH
48-**8M0113931**
14.6 x 18.5 Pitch LH
48-**8M0113930**
14.6 x 18.5 Pitch RH
48-**8M0113929**
14.6 x 18 Pitch LH
48-**8M0113928**
14.6 x 18 Pitch RH
48-**8M0142117**
14.6 x 17 Pitch LH
48-**8M0142118**
14.6 x 17 Pitch RH
48-**8M0142115**
14.6 x 16 Pitch LH
48-**8M0142116**
14.6 x 16 Pitch RH
48-**8M0142113**
14.6 x 15 Pitch LH
48-**8M0142114**
14.6 x 15 Pitch RH
48-**8M0142111**
14.6 x 14 Pitch LH
48-**8M0142112**
14.6 x 14 Pitch RH
48-**8M0142110**
14.6 x 13 Pitch RH

ENERTIA ECO XP

•The Enertia ECO XP is offered in one half pitch icrements for extreme precision to dial in your outboard engines rpm maximizing performance and fuel economy at cruising speeds
•Ideal for long distance running center consoles, the Enertia ECO XP's large diameter and high progressive rake provide additional bow lift reducing boat drag
•Benefits include 10 percent fuel gains, durable X7 stainless steel alloy and eligible for Joy Stick Piloting outboards
•200 to 400 hp, and 450R HD gear case outboard only
•Hub kit sold separately; 835258K2 for 1 inch and 840389K06 or 840389Q06 for 1.25 inch propshaft

ENERTIA ECO XP PROPELLER



48-**8M0108357**
16 x 22.5 Pitch LH
48-**8M0108354**
16 x 22.5 Pitch RH
48-**8M0119057**
16 x 21.5 Pitch LH
48-**8M0119058**
16 x 21.5 Pitch RH
48-**8M0108353**
16 x 20.5 Pitch LH
48-**8M0108352**
16 x 20.5 Pitch RH
48-**8M0119055**
16 x 19.5 Pitch LH
48-**8M0119056**
16 x 19.5 Pitch RH
48-**8M0108351**
16 x 18.5 Pitch LH
48-**8M0108350**
16 x 18.5 Pitch RH
48-**8M0119053**
16 x 17.5 Pitch LH
48-**8M0119052**
16 x 17.5 Pitch RH
48-**8M0110303**
16 x 16.5 Pitch LH
48-**8M0110304**
16 x 16.5 Pitch RH

REVOLUTION 4 LAB FINISHED

•The Lab Finished Revolution 4 is designed to increase speed for lightweight Center Console boats
•150 to 400 hp and 450R HD gear case outboard, up to 600 hp sterndrive
•Eligible for Joy Stick Piloting outboards. Expect to gain 300 rpm over the stock Rev 4
•Hub kit sold separately; 835258K2 for 1 inch and 840389K06 or 840389Q06 for 1.25 inch propshaft.

REVOLUTION 4 LAB FINISH



48-**8M0173947**
15.00 x 27.5 Pitch
48-**8M0173946**
15.00 x 27.5 Pitch RH

48-**8M0173945**
15.00 x 27 Pitch LH
48-**8M0173944**
15.00 x 27 Pitch RH
48-**8M0173943**
15.00 x 26.5 Pitch LH
48-**8M0173942**
15.00 x 26.5 Pitch RH
48-**8M0173941**
15.00 x 26 Pitch LH
48-**8M0173940**
15.00 x 26 Pitch RH

REVOLUTION 4 LAB FINISH PROPELLER



48-**857032L55**
14.6 x 25 Pitch RH SS Polished Lab Finished
48-**857033L55**
14.6 x 25 Pitch LH SS Polished Lab Finished
48-**8M0106544**
14.6 x 24 Pitch RH SS Polished Lab Finished
48-**8M0106543**
14.6 x 24 Pitch LH SS Polished Lab Finished
48-**857030L55**
14.6 x 23 Pitch RH SS Polished Lab Finished
48-**857031L55**
14.6 x 23 Pitch LH SS Polished Lab Finished
48-**8M0106546**
14.6 x 22 Pitch RH SS Polished Lab Finished
48-**8M0106545**
14.6 x 22 Pitch LH SS Polished Lab Finished
48-**857028L55**
14.6 x 21 Pitch RH SS Polished Lab Finished
48-**857029L55**
14.6 x 21 Pitch LH SS Polished Lab Finished
48-**8M0106548**
14.6 x 20 Pitch RH SS Polished Lab Finished
48-**8M0106547**
14.6 x 20 Pitch LH SS Polished Lab Finished
48-**857026L55**
14.6 x 19 Pitch RH SS Polished Lab Finished
48-**857027L55**
14.6 x 19 Pitch LH SS Polished Lab Finished

REVOLUTION 4 SATIN LAB FINISHED

•The Satin Lab Finished Revolution 4 is designed to increase speed for lightweight Center Console boats
•150 to 400 hp and 450R HD gear case outboard, up to 600 hp sterndrive
•The Satin Finish offers very crisp leading and trailing edges
•Hub kit sold separately; 835258K2 for 1 inch and 840389K06 or 840389Q06 for 1.25 inch propshaft.

REVOLUTION 4 SATIN LAB FINISH PROPELLER



48-**8M0162876**
14.6 x 23 Pitch RH SS Satin Lab Finished
48-**8M0162875**
14.6 x 23 Pitch LH SS Satin Lab Finished
48-**8M0162878**
14.6 x 24 Pitch RH SS Satin Lab Finished
48-**8M0162877**
14.6 x 24 Pitch LH SS Satin Lab Finished
48-**8M0162880**
14.6 x 24.5 Pitch RH SS Satin Lab Finished
48-**8M0162879**
14.6 x 24.5 Pitch LH SS Satin Lab Finished
48-**8M0162882**
14.6 x 25 Pitch RH SS Satin Lab Finished
48-**8M0162881**
14.6 x 25 Pitch LH SS Satin Lab Finished
48-**8M0162884**
14.6 x 25.5 Pitch RH SS Satin Lab Finished
48-**8M0162883**
14.6 x 25.5 Pitch LH SS Satin Lab Finished

REVOLUTION 4 LAB SATIN FINISH



48-**8M0173948**
15.00 x 26 Pitch RH
48-**8M0173949**
15.00 x 26 Pitch LH
48-**8M0173950**
15.00 x 26.5 Pitch RH
48-**8M0173951**
15.00 x 26.5 Pitch LH
48-**8M0173952**
15.00 x 27 Pitch RH
48-**8M0173953**
15.00 x 27 Pitch LH

48-**8M0173954**
15.00 x 27.5 Pitch RH
48-**8M0173955**
15.00 x 27 Pitch LH

BRAVO I OC LAB FINISHED

•The Lab Finished Bravo I OC propeller is designed for Outboard Catamarans equipped with Sport Master gearcase or single outboard high speed boats
•The four blades with (8) PVS vent holes offer excellant planing, great handling, awesome mid-range acceleration and the tuned shortened exhaust tube provides bow and minimal stern lift for awesome top end speed
•150 to 400 hp outboard only
•Hub kit sold separately, 840389K06 for 1.25 inch propshaft.

BRAVO I OC PROPELLER



48-**8M0092012**
14.75 x 33 Pitch RH SS 4 BL Polished Lab Finished
48-**8M0092013**
14.75 x 33 Pitch LH SS 4 BL Polished Lab Finished
48-**8M0092010**
14.75 x 32 Pitch RH SS 4 BL Polished Lab Finished
48-**8M0092011**
14.75 x 32 Pitch LH SS 4 BL Polished Lab Finished
48-**8M0092008**
14.75 x 31 Pitch RH SS 4 BL Polished Lab Finished
48-**8M0092009**
14.75 x 31 Pitch LH SS 4 BL Polished Lab Finished
48-**8M0092006**
14.75 x 30 Pitch RH SS 4 BL Polished Lab Finished
48-**8M0092007**
14.75 x 30 Pitch LH SS 4 BL Polished Lab Finished
48-**8M0092004**
14.75 x 29 Pitch RH SS 4 BL Polished Lab Finished
48-**8M0092005**
14.75 x 29 Pitch LH SS 4 BL Polished Lab Finished
48-**8M0092002**
14.75 x 28 Pitch RH SS 4 BL Polished Lab Finished
48-**8M0092003**
14.75 x 28 Pitch LH SS 4 BL Polished Lab Finished
48-**8M0129149**
14.75 x 27 Pitch RH SS 4 BL Polished Lab Finished
48-**8M0129148**
14.75 x 26.5 Pitch RH SS 4 BL Polished Lab Finished
48-**8M0129147**
14.75 x 26 Pitch RH SS 4 BL Polished Lab Finished
48-**8M0144046**
14.75 x 25.5 Pitch RH SS 4 BL Polished Lab Finished
48-**8M0144044**
14.75 x 24.5 Pitch RH SS 4 BL Polished Lab Finished
48-**8M0144042**
14.75 x 23.5 Pitch RH SS 4 BL Polished Lab Finished
48-**8M0144040**
14.75 x 22.5 Pitch RH SS 4 BL Polished Lab Finished

BRAVO I LAB FINISHED

•The Lab Finished Bravo I propellers are designed for high-performance catamarans, vee bottoms, both outboard and sterndrive
•Excellent top speeds, great handling, good mid-range speeds and great planing performance
•250 to 400 hp and 450R HD gear case only, sterndrive up to 600 hp four stroke outboard and Bravo I, Sport and Sport Master sterndrive applications
•Hub kits sold separately, 835258K2 for 1 inch and 840389K06 for 1.25 inch propshaft

BRAVO I LAB FINISHED PROPELLER



48-**831919L45**
15.25 X 33 Pitch LH SS Polished Lab Finished
48-**831920L45**
15.25 X 33 Pitch RH SS Polished Lab Finished
48-**831919L65**
15.25 X 32 Pitch LH SS Polished Lab Finished
48-**831920L65**
15.25 X 32 Pitch RH SS Polished Lab Finished
48-**831917L45**
15.25 X 31 Pitch LH SS Polished Lab Finished
48-**831918L45**
15.25 X 31 Pitch RH SS Polished Lab Finished
48-**831917L65**
15.25 X 30 Pitch LH SS Polished Lab Finished
48-**831918L65**
15.25 X 30 Pitch RH SS Polished Lab Finished
48-**831915L45**
15.25 X 29 Pitch LH SS Polished Lab Finished
48-**831916L45**
15.25 X 29 Pitch RH SS Polished Lab Finished
48-**831915L65**
15.25 X 28 Pitch LH SS Polished Lab Finished
48-**831916L65**
15.25 X 28 Pitch RH SS Polished Lab Finished
48-**831913L45**
15.25 X 27 Pitch LH SS Polished Lab Finished
48-**831914L45**
15.25 X 27 Pitch RH SS Polished Lab Finished
48-**831913L65**
15.25 X 26 Pitch LH SS Polished Lab Finished
48-**831914L65**
15.25 X 26 Pitch RH SS Polished Lab Finished
48-**831911L45**
15.25 x 25 Pitch LH SS Polished Lab Finished
48-**831912L45**
15.25 x 25 Pitch RH SS Polished Lab Finished
48-**831911L65**
15.25 X 24 Pitch LH SS Polished Lab Finished
48-**831912L65**
15.25 X 24 Pitch RH SS Polished Lab Finished
48-**8M0073457**
15.25 X 23 Pitch LH, SS Polished Lab Finished

48-**8M0073456**
15.25 X 23 Pitch RH SS Polished Lab Finished
48-**831909L65**
15.25 X 22 Pitch LH SS Polished Lab Finished
48-**831910L65**
15.25 X 22 Pitch RH SS Polished Lab Finished

MAX 5 LAB FINISHED

•The Lab Finished MAX 5 is designed for high performance Outboard Center Console and Cats with elevated engine heights
•Also applicable for high performance Vee Bottom, Sterndrive Sport Deck, Cats and Modified Cats with top speeds over 80 mph
•Available in either 15.00 or 15.25 diameter, the Max 5 holds more water and offers less slip than it's 4 blade counterparts
•250 to 450 hp outboards, and up to 600 hp sterndrive
•For the 1.25 inch prop shaft use 840389K06 HD Hub kit and for 1 inch prop shaft use hub kit 835258K2

MAX 5 PROPELLER



48-**8M0118017**
15 x 34 Pitch LH, SS Polished LAB
48-**8M0118016**
15 x 34 Pitch RH, SS Polished LAB
48-**8M0118015**
15 x 33.5 Pitch LH, SS Polished LAB
48-**8M0118014**
15 x 33.5 Pitch RH, SS Polished LAB
48-**8M0118013**
15 x 33 Polished LH, SS Polished LAB
48-**8M0118012**
15 x 33 Pitch RH, SS Polished LAB
48-**8M0131167**
15 x 32.8 Pitch LH, SS Polished LAB
48-**8M0131166**
15 x 32.8 RH, SS Polished LAB
48-**8M0131165**
15 x 32.3 Pitch LH, SS Polished LAB
48-**8M0131164**
15 x 32.3 Pitch RH, SS Polished LAB
48-**8M0118011**
15 x 32 Pitch LH, SS Polished LAB
48-**8M0118010**
15 x 32 Pitch RH, SS Polished LAB
48-**8M0118009**
15 x 31.5 Pitch LH, SS Polished LAB
48-**8M0118008**
15 x 31.5 Pitch RH, SS Polished LAB
48-**8M0118007**
15 x 31 Pitch LH, SS Polished LAB
48-**8M0118006**
15 x 31 Pitch RH, SS Polished LAB
48-**8M0131163**
15 x 30.8 Pitch LH, SS Polished LAB
48-**8M0131162**
15 x 30.8 Pitch RH SS Polished LAB
48-**8M0131161**
15 x 30.3 Pitch LH SS Polished LAB
48-**8M0131160**
15 x 30.3 Pitch RH SS Polished LAB
48-**8M0118005**
15 x 30 Pitch LH, SS Polished LAB
48-**8M0118004**
15 x 30 Pitch RH, SS Polished LAB
48-**8M0118003**
15 x 29.5 Pitch LH, SS Polished LAB
48-**8M0118002**
15 x 29.5 Pitch RH, SS Polished LAB
48-**8M0118001**
15 x 29 Pitch LH, SS Polished LAB
48-**8M0118000**
15 x 29 Pitch RH, SS Polished LAB
48-**8M0131159**
15 x 28.8 Pitch LH SS Polished LAB
48-**8M0131158**
15 x 28.8 Pitch RH SS Polished LAB
48-**8M0131157**
15 x 28.3 Pitch LH SS Polished LAB
48-**8M0131156**
15 x 28.3 Pitch RH SS Polished LAB
48-**8M0117999**
15 x 28 Pitch LH, SS Polished LAB
48-**8M0117998**
15 x 28 Pitch RH, SS Polished LAB
48-**8M0117997**
15 x 27.5 Pitch LH, SS Polished LAB
48-**8M0117996**
15 x 27.5 Pitch RH, SS Polished LAB
48-**8M0117995**
15 x 27 Pitch LH, SS Polished LAB
48-**8M0117994**
15 x 27 Pitch RH, SS Polished LAB
48-**8M0131155**
15 x 26.8 Pitch LH SS Polished LAB
48-**8M0131154**
15 x 26.8 Pitch RH SS Polished LAB
48-**8M0131153**
15 x 26.3 Pitch LH SS Polished LAB
48-**8M0131152**
15 x 26.3 Pitch RH SS Polished LAB
48-**8M0117993**
15 x 26 Pitch LH, SS Polished LAB
48-**8M0117992**
15 x 26 Pitch RH, SS Polished LAB
48-**8M0117991**
15 x 25.5 Pitch LH, SS Polished LAB
48-**8M0117990**
15 x 25.5 Pitch RH, SS Polished LAB
48-**8M0117989**
15 x 25 Pitch LH, SS Polished LAB
48-**8M0117988**
15 x 25 Pitch RH, SS Polished LAB
48-**8M0131151**
15 x 24.8 Pitch LH SS Polished LAB
48-**8M0131150**
15 x 24.8 Pitch RH SS Polished LAB
48-**8M0131149**
15 x 24.3 Pitch LH SS Polished LAB
48-**8M0131148**
15 x 24.3 Pitch RH SS Polished LAB
48-**8M0117987**
15 x 24 Pitch LH, SS Polished LAB

48-**8M0117986**
15 x 24 Pitch RH, SS Polished LAB

48-**8M0117985**
15 x 23.5 Pitch LH, SS Polished LAB

48-**8M0117984**
15 x 23.5 Pitch RH, SS Polished LAB

48-**8M0117983**
15 x 23 Polished LH, SS Polished LAB

48-**8M0117982**
15 x 23 Pitch RH, SS Polished LAB

48-**8M0131147**
15 x 22.8 Pitch LH SS Polished LAB

48-**8M0131146**
15 x 22.8 Pitch RH SS Polished LAB

48-**8M0131145**
15 x 22.3 Pitch LH SS Polished LAB

48-**8M0131144**
15 x 22.3 Pitch RH SS Polished LAB

48-**8M0156434**
15.25 x 22.5 Pitch RH SS Polished LAB

48-**8M0156436**
15.25 x 23 Pitch RH SS Polished LAB

48-**8M0156438**
15.25 x 23.5 Pitch RH SS Polished LAB

48-**8M0156440**
15.25 x 24 Pitch RH SS Polished LAB

48-**8M0156435**
15.25 x 22.5 Pitch LH SS Polished LAB

48-**8M0156437**
15.25 x 23 Pitch LH SS Polsihed LAB

48-**8M0156439**
15.25 x 23.5 Pitch LH SS Polished LAB

48-**8M0156441**
15.25 x 24 Pitch LH SS Polished LAb

48-**8M0156444**
15.25 x 24.5 Pitch RH SS Polished LAB

48-**8M0156446**
15.25 x 25 RH SS Polished LAB

48-**8M0156448**
15.25 x 25.5 RH SS Polished LAB

48-**8M0156450**
15.25 x 26 Pitch RH SS Polished LAB

48-**8M0156445**
15.25 x 24.5 Pitch LH SS Polished LAB

48-**8M0156447**
15.25 x 25 Pitch LH SS Polished LAB

48-**8M0156449**
15.25 x 25.5 Pitch LH SS Polished LAB

48-**8M0156451**
15.25 x 26 Pitch LH SS Polished LAB

48-**8M0156454**
15.25 x 26.5 Pitch RH SS Polished LAB

48-**8M0156456**
15.25 x 27 Pitch RH SS Polished LAB

48-**8M0156458**
15.25 x 27.5 Pitch RH SS Polished LAB

48-**8M0156460**
15.25 x 28 Pitch RH SS Polished LAB

48-**8M0156455**
15.25 x 26.5 Pitch LH SS Polished LAB

48-**8M0156457**
15.25 x 27 Pitch LH SS Polished LAB

48-**8M0156459**
15.25 x 27.5 Pitch LH SS Polished LAB

48-**8M0156461**
15.25 x 28 Pitch LH SS Polished LAB

48-**8M0156464**
15.25 x 28.5 Pitch RH SS Polished LAB

48-**8M0156466**
15.25 x 29 Pitch RH SS Polished LAB

48-**8M0156468**
15.25 x 29.5 Pitch RH SS Polished LAB

48-**8M0156470**
15.25 x 30 Pitch RH SS Polished LAB

48-**8M0156465**
15.25 x 28.5 Pitch LH SS Polished LAB

48-**8M0156467**
15.25 x 29 Pitch LH SS Polished LAB

48-**8M0156469**
15.25 x 29.5 Pitch LH SS Polished LAB

48-**8M0156471**
15.25 x 30 Pitch LH SS Polished LAB

48-**8M0156474**
15.25 x 30.5 Pitch RH SS Polished LAB

48-**8M0156476**
15.25 x 31 Pitch RH Polished LAB

48-**8M0156478**
15.25 x 31.5 Pitch RH SS Polished LAB

48-**8M0156480**
15.25 x 32 Pitch RH SS Polished LAB

48-**8M0156475**
15.25 x 30.5 Pitch LH SS Polished LAB

48-**8M0156477**
15.25 x 31 Pitch LH SS Polished LAB

48-**8M0156479**
15.25 x 31.5 Pitch LH SS Polished LAB

48-**8M0156481**
15.25 x 32 Pitch LH SS Polished LAB

48-**8M0156484**
15.25 x 32.5 Pitch RH SS Polished LAB

48-**8M0156486**
15.25 x 33 Pitch RH SS Polished LAB

48-**8M0156488**
15.25 x 33.5 Pitch RH SS Polished LAB

48-**8M0156490**
15.25 x 34 Pitch RH SS Polished LAB

48-**8M0156485**
15.25 x 32.5 Pitch LH SS Polished LAB

48-**8M0156487**
15.25 x 33 Pitch LH SS Polished LAB

48-**8M0156489**
15.25 x 33.5 Pitch LH SS Polished LAB

48-**8M0156491**
15.25 x 34 Pitch LH SS Polished LAB

MAX 5 ST LAB FINISHED

•The Lab Finished MAX 5 ST is designed for high performance bass boats, center consoles and outboard catamarans with elevated engine heights
•The shortened exhaust barrel enhances performance of lightweight outboard boats by keeping the stern planted for a confidence-inspired ride, while the 15.25 inch diameter stays hooked up at extreme engine heights
•250 to 450 hp outboard, up to 600 hp sterndrive
•For the 1.25 inch prop shaft use 840389K06 HD Hub kit and for 1 inch prop shaft use hub kit 835258K2.

MAX 5 ST PROPELLER



48-**8M0156494**
15.25 x 22.5 Pitch RH SS Lab Finished
48-**8M0156496**
15.25 x 23 Pitch RH SS Polished Lab Finished
48-**8M0156498**
15.25 x 23.5 Pitch RH SS Polished Lab Finished
48-**8M0156500**
15.25 x 24 Pitch RH SS Polished Lab Finished
48-**8M0156495**
15.25 x 22.5 Pitch LH SS Polished Lab Finished
48-**8M0156497**
15.25 x 23 Pitch LH SS Polished Lab Finished
48-**8M0156499**
15.25 x 23.5 Pitch LH SS Polished Lab Finished
48-**8M0156501**
15.25 x 24 Pitch LH SS Polished Lab Finished
48-**8M0156504**
15.25 x 24.5 Pitch RH SS Polished Lab Finished
48-**8M0156506**
15.25 x 25 Pitch RH SS Polished Lab Finished
48-**8M0156508**
15.25 x 25.5 Pitch RH SS Polished Lab Finished
48-**8M0156510**
15.25 x 26 Pitch RH SS Polished Lab Finished
48-**8M0156505**
15.25 x 24.5 Pitch LH SS Polished Lab Finished
48-**8M0156507**
15.25 x 25 Pitch LH SS Polished Lab Finished
48-**8M0156509**
15.25 x 25.5 Pitch LH SS Polished Lab Finished
48-**8M0156511**
15.25 x 26 Pitch LH SS Polished Lab Finished
48-**8M0156514**
15.25 x 26.5 Pitch RH SS Polished Lab Finished
48-**8M0156516**
15.25 x 27 Pitch RH SS Polished Lab Finished
48-**8M0156518**
15.25 x 27.5 Pitch RH SS Polished Lab Finished
48-**8M0156520**
15.25 x 28 Pitch RH SS Polished Lab Finished
48-**8M0156515**
15.25 x 26.5 Pitch LH SS Polished Lab Finished
48-**8M0156517**
15.25 x 27 Pitch LH SS Polished Lab Finished
48-**8M0156519**
15.25 x 27.5 Pitch LH SS Polished Lab Finished
48-**8M0156521**
15.25 x 28 Pitch LH SS Polished Lab Finished
48-**8M0156524**
15.25 x 28.5 Pitch RH SS Polished Lab Finished
48-**8M0156526**
15.25 x 29 Pitch RH SS Polished Lab Finished
48-**8M0156528**
15.25 x 29.5 Pitch RH SS Polished Lab Finished
48-**8M0156530**
15.25 x 30 Pitch RH SS Polished Lab Finished
48-**8M0156525**
15.25 x 28.5 Pitch LH SS Polished Lab Finished
48-**8M0156527**
15.25 x 29 Pitch LH SS Polished Lab Finished
48-**8M0156529**
15.25 x 29.5 Pitch LH SS Polished Lab Finished
48-**8M0156531**
15.25 x 30 Pitch LH SS Polished Lab Finished
48-**8M0156534**
15.25 x 30.5 Pitch RH SS Polished Lab Finished
48-**8M0156536**
15.25 x 31 Pitch RH SS Polished Lab Finished
48-**8M0156538**
15.25 x 31.5 Pitch RH SS Polished Lab Finished
48-**8M0156540**
15.25 x 32 Pitch RH SS Polished Lab Finished
48-**8M0156535**
15.25 x 30.5 Pitch LH SS Polished Lab Finished
48-**8M0156537**
15.25 x 31 Pitch LH SS Polished Lab Finished
48-**8M0156539**
15.25 x 31.5 Pitch LH SS Polished Lab Finished
48-**8M0156541**
15.25 x 32 Pitch LH SS Polished Lab Finished
48-**8M0156544**
15.25 x 32.5 Pitch RH SS Polished Lab Finished
48-**8M0156546**
15.25 x 33 Pitch RH SS Polished Lab Finished
48-**8M0156548**
15.25 x 33.5 Pitch RH SS Polished Lab Finished
48-**8M0156550**
15.25 x 34 Pitch RH SS Polished Lab Finished
48-**8M0156545**
15.25 x 32.5 Pitch LH SS Polished Lab Finished
48-**8M0156547**
15.25 x 33 Pitch LH SS Polished Lab Finished
48-**8M0156549**
15.25 x 33.5 Pitch LH SS Polished Lab Finished
48-**8M0156551**
15.25 x 34 Pitch LH SS Polished Lab Finished

MAXIMUS LONG TUBE LAB FINISHED

•The Lab Finished Maximus propeller is designed to reduce propeller slip with high-performance, high gearcase drive height sterndrive applications
•Excellent top speeds, great handling, good mid-range speeds and eye popping planing performance for Deep Vee, Deep Step Vee and Deck boats
•300 to 450 hp outboard, up to 600 hp sterndrive
•Barrel length is 8.5 inches, adds stern lift. Hub kits are sold seperate, for 1.25 inch prop shaft use 840389K06 HD Hub kit. If using with 1 inch prop shaft use hub kit 835258K 2. If using full 15.625 inch diameter with the XR Sport Master Shorty the anti-cavitation plate must be removed.

MAXIMUS LONG TUBE LAB FINISHED PROPELLER



48-**889973L85**
15.63 X 35 Pitch LH, SS Lab Finished

48-**889973L84**
15.3 X 35 Pitch LH, SS Lab Finished

48-**889972L85**
15.63X 35 Pitch RH, SS Lab Finished

48-**889972L84**
15.3 X 35 Pitch RH, SS Lab Finished

48-**889973L65**
15.63 X 34 Pitch LH, SS Lab Finished

48-**889973L64**
15.3 X 34 Pitch LH, SS Lab Finished

48-**889973L63**
15 X 34 Pitch LH, SS Lab Finished

48-**889972L65**
15.63 X 34 Pitch RH, SS Lab Finished

48-**889972L64**
15.3 X 34 Pitch RH, SS Lab Finished

48-**889972L63**
15 X 34 Pitch RH, SS Lab Finished

48-**889973L45**
15.63 X 33 Pitch LH, SS Lab Finished

48-**889973L44**
15.3 X 33 Pitch LH, SS Lab Finished

48-**889972L45**
15.63 X 33 Pitch RH, SS Lab Finished

48-**889972L44**
15.3 X 33 Pitch RH, SS Lab Finished

48-**889971L65**
15.63 X 32 Pitch LH, SS Lab Finished

48-**889971L64**
15.3 X 32 Pitch LH, SS Lab Finished

48-**889971L63**
15 X 32 Pitch LH, SS Lab Finished

48-**889970L65**
15.63 X 32 Pitch RH, SS Lab Finished

48-**889970L64**
15.3 X 32 Pitch RH, SS Lab Finished

48-**889970L63**
15 X 32 Pitch RH, SS Lab Finished

48-**889971L45**
15.63 X 31 Pitch LH, SS Lab Finished

48-**889971L44**
15.3 X 31 Pitch LH, SS Lab Finished

48-**889970L45**
15.63 X 31 Pitch RH, SS Lab Finished

48-**889970L44**
15.3 X 31 Pitch RH, SS Lab Finished

48-**889969L65**
15.63 X 30 Pitch LH, SS Lab Finished

48-**889969L64**
15.3 X 30 Pitch LH, SS Lab Finished

48-**889969L63**
15 X 30 Pitch LH, SS Lab Finished

48-**889968L65**
15.63 X 30 Pitch RH, SS Lab Finished

48-**889968L64**
15.3 X 30 Pitch RH, SS Lab Finished

48-**889968L63**
15 X 30 Pitch RH, SS Lab Finished

48-**889969L45**
15.63 X 29 Pitch LH, SS Lab Finished

48-**889969L44**
15.3 X 29 Pitch LH, SS Lab Finished

48-**889968L45**
15.63 X 29 Pitch RH, SS Lab Finished

48-**889968L44**
15.3 X 29 Pitch RH, SS Lab Finished

48-**889967L65**
15.63 X 28 Pitch LH, SS Lab Finished

48-**889967L64**
15.3 X 28 Pitch LH, SS Lab Finished

48-**889967L63**
15 X 28 Pitch LH, SS Lab Finished

48-**889966L65**
15.63 X 28 Pitch RH, SS Lab Finished

48-**889966L64**
15.3 X 28 RH, SS Lab Finished

48-**889966L63**
15 X 28 Pitch RH, SS Lab Finished

48-**889967L45**
15.63 X 27 Pitch LH, SS Lab Finished

48-**889967L44**
15.3 X 27 LH, SS Lab Finished

48-**889966L45**
15.63 X 27 RH, SS Lab Finished

48-**889966L44**
15.3 X 27 Pitch RH, SS 5 Lab Finished

48-**889965L65**
15.63 X 26 Pitch LH, SS Lab Finished

48-**889965L64**
15.3 X 26 Pitch LH, SS Lab Finished

48-**889965L63**
15 X 26 Pitch LH, SS Lab Finished

48-**889964L65**
15.63 X 26 Pitch RH, SS Lab Finished

48-**889964L64**
15.3 X 26 Pitch RH, SS Lab Finished

48-**889964L63**
15 X 26 Pitch RH, SS Lab Finished

48-**889965L45**
15.63 X 25 Pitch LH, SS Lab Finished

48-**889965L44**
15.3 X 25 Pitch LH, SS Lab Finished

48-**889964L45**
15.63 X 25 Pitch RH, SS Lab Finished

48-**889964L44**
15.3 X 25 Pitch RH, SS Lab Finished
48-**889975L65**
15.63 X 24 Pitch LH, SS Lab Finished
48-**889975L64**
15.3 X 24 Pitch LH, SS Lab Finished
48-**889975L63**
15 X 24 Pitch LH, SS Lab Finished
48-**889974L65**
15.63 X 24 Pitch RH, SS Lab Finished
48-**889974L64**
15.3 X 24 Pitch RH, SS Lab Finished
48-**889974L63**
15 X 24 Pitch RH, SS Lab Finished
48-**889975L45**
15.63 X 23 Pitch LH, SS Lab Finished
48-**889975L44**
15.3 X 23 Pitch LH, SS Lab Finished
48-**889974L45**
15.63 X 23 Pitch RH, SS Lab Finished
48-**889974L44**
15.3 X 23 Pitch RH, SS Lab Finished

MAXIMUS SHORT TUBE LAB FINISHED

•The Lab Finished Maximus propeller is designed to reduce propeller slip for high-performance, high gearcase drive height sterndrive applications.
•Excellent top speeds, great handling, good mid-range speeds and eye popping planing performance for Vee, Step Vee, Cats and Deck boats
•300 to 450 hp outboard, up to 600 hp sterndrive
•Barrel length is 7.875 inches reduces stern lift. Hub kits sold seperate, for 1.25 inch prop shaft use 840389K06 HD Hub kit and for 1 inch prop shaft use hub kit 835258K 2. If using full 15.625 inch diameter with the XR Sport Master Shorty the anti-cavitation plate must be removed

MAXIMUS SHORT TUBE LAB FINISHED PROPELLER



48-**889973L89**
15.63 X 35 Pitch LH, SS Lab Finished
48-**889973L88**
15.3 X 35 Pitch LH, SS Lab Finished
48-**889972L89**
15.63 X 35 Pitch RH, SS Lab Finished
48-**889972L88**
15.3 X 35 Pitch RH, SS Lab Finished
48-**889973L69**
15.63 X 34 Pitch LH, SS Lab Finished
48-**889973L68**
15.3 X 34 Pitch LH, SS Lab Finished
48-**889972L69**
15.63 X 34 Pitch RH, SS Lab Finished
48-**889972L68**
15.3 X 34 Pitch RH, SS Lab Finished
48-**889973L49**
15.63 X 33 Pitch LH, SS Lab Finished
48-**889973L48**
15.3 X 33 Pitch LH, SS Lab Finished
48-**889972L49**
15.63 X 33 Pitch RH, SS Lab Finished
48-**889972L48**
15.3 X 33 Pitch RH, SS Lab Finished
48-**889971L69**
15.63 X 32 Pitch LH, SS Lab Finished
48-**889971L68**
15.3 X 32 Pitch LH, SS Lab Finished
48-**889970L69**
15.63 X 32 Pitch RH, SS Lab Finished
48-**889970L68**
15.3 X 32 Pitch RH, SS Lab Finished
48-**889971L49**
15.63 31 Pitch LH, SS Lab Finished
48-**889971L48**
15.25 X 31 LH, SS 5BL Lab Finished.
48-**889970L49**
15.63 X 31 Pitch RH, SS Lab Finished
48-**889970L48**
15.3 X 31 Pitch RH, SS Lab Finished
48-**889969L69**
15.63 X 30 Pitch LH, SS Lab Finished
48-**889969L68**
15.3 X 30 Pitch LH, SS Lab Finished
48-**889968L69**
15.63 X 30 RH, SS 5BL Lab Finished.
48-**889968L68**
15.3 X 30 RH, SS Lab Finished
48-**889969L49**
15.63 X 29 Pitch LH, SS Lab Finished
48-**889969L48**
15.3 X 29 Pitch LH, SS Lab Finished
48-**889968L49**
15.63 X 29 Pitch RH, SS Lab Finished
48-**889968L48**
15.3 X 29 Pitch RH, SS Lab Finished
48-**889967L69**
15.63 X 28 Pitch LH, SS Lab Finished
48-**889967L68**
15.3 X 28 Pitch LH, SS Lab Finished
48-**889966L69**
15.63 X 28 Pitch RH, SS Lab Finished
48-**889966L68**
15.3 X 28 Pitch RH, SS Lab Finished
48-**889967L49**
15.63 X 27 Pitch LH, SS Lab Finished
48-**889967L48**
15.3 X 27 Pitch LH, SS Lab Finished
48-**889966L49**
15.63 X 27 Pitch RH, SS Lab Finished
48-**889966L48**
15.3 X 27 Pitch RH, SS Lab Finished
48-**889965L69**
15.63 X 26 Pitch LH, SS Lab Finished
48-**889965L68**
15.3 X 26 Pitch LH, SS Lab Finished
48-**889964L69**
15.63 X 26 Pitch RH, SS Lab Finished
48-**889964L68**
15.3 X 26 Pitch RH, SS Lab Finished
48-**889965L49**
15.63 X 25 Pitch LH, SS Lab Finished
48-**889965L48**
15.3 X 25 LH, SS Lab Finished

48-**889964L49**
15.63 X 25 Pitch RH, SS Lab Finished
48-**889964L48**
15.3 X 25 RH, SS Lab Finished
48-**889975L69**
15.63 X 24 Pitch LH, SS Lab Finished
48-**889975L68**
15.3 X 24 Pitch LH, SS Lab Finished
48-**889974L69**
15.63 X 24 Pitch RH, SS Lab Finished
48-**889974L68**
15.25 X 24 Pitch RH, SS Lab Finished
48-**889975L49**
15.63 X 23 Pitch LH, SS Lab Finished
48-**889975L48**
15.25 X 23 Pitch LH, SS Lab Finished
48-**889974L49**
15.63 X 23 Pitch RH, SS Lab Finished
48-**889974L48**
15.25 X 23 Pitch RH, SS Lab Finished

BRAVO THREE XR PRO FINISHED

Designed for 250-520 horsepower gas and diesel powered sport cruisers and performance Bravo Three applications. A large diameter 4 blade forward propeller followed by a smaller diameter 3 blade aft propeller feature built in cup for incredible handling, improved fuel economy at cruise and boat control. Intended for the Bravo Three XR drive and can be used with the Bravo Three and Bravo Three X drives. The Pro Finish provides a performance leading edge, consistent cup heights, zero balanced for minimal vibration and durable high luster finish.
As a general rule the odd pitch numbered Bravo Three XR propellers run similar engine RPM to the next higher pitch even numbered Bravo Three propellers. For example, the Bravo Three XR 27 pitch matches the RPM of a Bravo Three 28 pitch with satin finish.

BRAVO THREE XR PRO FINISHED PROPELLER



48-**842945L80**
15.5 x 28 Pitch LH SS 4 BL High Gloss - Front
48-**842946L80**
14.5 x 28 Pitch RH, SS 3 BL High Gloss - Rear
48-**8M0125747**
15.5 x 27.5 Pitch LH, SS 4 BL High Polished - Forward
48-**8M0125746**
14.5 x 27.5 Pitch RH, SS 3 BL High Gloss - Rear
48-**842945L70**
15.5 x 27 Pitch LH, SS 4 BL High Gloss - Front
48-**842946L70**
14.5 x 27 Pitch RH, SS 3 BL High Gloss - Rear
48-**842943L80**
15.8 X 26 Pitch LH, SS 4 BL High Gloss - Front
48-**842944L80**
14.8 X 26 Pitch RH, SS 3 BL High Gloss - Rear
48-**8M0125745**
15.8 x 25.5 Pitch LH, SS 4 BL High Polished - Forward
48-**8M0125744**
14.8 x 25.5 Pitch RH, SS 3 BL High Gloss - Rear
48-**842943L70**
15.8 x 25 Pitch LH, SS 4 BL High Gloss - Front
48-**842944L70**
14.8 x 25 Pitch RH, SS 3 BL High Gloss - Rear
48-**842941L80**
16 X 24 Pitch LH, SS 4 BL High Gloss - Front
48-**842942L80**
15 X 24 Pitch RH, SS 3 BL High Gloss - Rear
48-**8M0125743**
16 x 23.5 Pitch LH, SS 4 BL High Gloss -Forward
48-**8M0125742**
15 x 23.5 Pitch RH, SS 3 BL High Gloss - Rear
48-**842941L70**
16 x 23 Pitch LH, SS 4 BL High Gloss - Front
48-**842942L70**
15 x 23 Pitch RH, SS 3 BL High Gloss - Rear
48-**8M0073458**
16 x 22 Pitch LH SS 4 BL High Gloss - Front
48-**8M0073459**
15 x 22 Pitch RH SS 3 BL High Gloss - Rear
48-**8M0125741**
16 x 21.5 Pitch LH, SS 4 BL High Gloss - Forward
48-**8M0125740**
15 x 21.5 Pitch RH, SS 3 BL High Gloss - Rear
48-**842939L70**
16 x 21 Pitch LH SS 4 BL High Gloss - Front
48-**842940L70**
15 x 21 Pitch RH SS 3 BL High Gloss - Rear
48-**8M0125739**
16 x 20 Pitch LH, SS 4 BL Hogh Gloss - Forward
48-**8M0125738**
15 x 20 Pitch RH, SS 3 BL High Gloss - Rear

CNC OUTBOARD CLEAVER 400 HP 15 DEGREE RAKE

•The Lab Finished CNC Outboard Cleaver is designed to be the most efficient propeller for high speed applications
•As opposed to a standard propeller, the CNC machining process offers superior precision and replicability for all dimensions of the propeller
•15 degree rake is applicable for lightweight or air entrapment hulls that do not require additional bow lift
•Broched splines for 1.25 inch prop shaft, designed for 300R and 400R outboard
•Additional dimensions are available for custom order

LAB FINISHED OUTBOARD CNC CLEAVER



48-**8M0140855**
15.00 x 32 Pitch LH 15 Rake
48-**8M0140854**
15.00 x 32 Pitch RH 15 Rake
48-**8M0147733**
15.25 x 32 Pitch LH 15 Rake

48-**8M0147732**
15.25 x 32 Pitch RH 15 Rake
48-**8M0140247**
15.00 x 33 Pitch LH 15 Rake
48-**8M0140248**
15.00 x 33 Pitch RH 15 Rake
48-**8M0148161**
15.25 x 33 Pitch LH 15 Rake
48-**8M0148162**
15.25 x 33 Pitch RH 15 Rake
48-**8M0139055**
15.00 x 34 Pitch LH 15 Rake
48-**8M0139056**
15.00 x 34 Pitch RH 15 Rake
48-**8M0148163**
15.25 x 34 Pitch LH 15 Rake
48-**8M0148164**
15.25 x 34 Pitch RH 15 Rake

CNC OUTBOARD CLEAVER 500 HP 15 DEGREE RAKE

•The Lab Finished CNC Outboard Cleaver is designed to be the most efficient propeller for high speed applications
•As opposed to a standard propeller, the CNC machining process offers superior precision and replicability for all dimensions of the propeller
•15 degree rake is applicable for lightweight or air entrapment hulls that do not require additional bow lift
•Broched splines for 1.25 inch prop shaft, designed for 450R outboard
•Additional dimensions are available for custom order

LAB FINISHED OUTBOARD CNC CLEAVER



48-**8M0159882**
14.75 x 26 Pitch RH 15 Rake
48-**8M0159883**
14.75 x 26 Pitch LH 15 Rake
48-**8M0154968**
15.00 x 26 Pitch RH 15 Rake
48-**8M0154967**
15.00 x 26 Pitch LH 15 Rake
48-**8M0159954**
15.25 x 26 Pitch RH 15 Rake
48-**8M0159953**
15.25 x 26 Pitch LH 15 Rake
48-**8M0160054**
14.75 x 27 Pitch RH 15 Rake
48-**8M0160053**
14.75 x 27 Pitch LH 15 Rake
48-**8M0160056**
15.00 x 27 Pitch RH 15 Rake
48-**8M0160055**
15.00 x 27 Pitch LH 15 Rake
48-**8M0160058**
15.25 x 27 Pitch RH 15 Rake
48-**8M0160057**
15.25 x 27 Pitch LH 15 Rake
48-**8M0160128**
14.75 x 28 Pitch RH 15 Rake
48-**8M0160127**
14.75 x 28 Pitch LH 15 Rake
48-**8M0160130**
15.00 x 28 Pitch RH 15 Rake
48-**8M0160129**
15.00 x 28 Pitch LH 15 Rake
48-**8M0160132**
15.25 x 28 Pitch RH 15 Rake
48-**8M0160131**
15.25 x 28 Pitch LH 15 Rake
48-**8M0160538**
14.75 x 29 Pitch RH 15 Rake
48-**8M0160539**
14.75 x 29 Pitch LH 15 Rake
48-**8M0160540**
15.00 x 29 Pitch RH 15 Rake
48-**8M0160541**
15.00 x 29 Pitch LH 15 Rake
48-**8M0160542**
15.25 x 29 Pitch RH 15 Rake
48-**8M0160543**
15.25 x 29 Pitch LH 15 Rake
48-**8M0160590**
14.75 x 30 Pitch RH 15 Rake
48-**8M0160589**
14.75 x 30 Pitch LH 15 Rake
48-**8M0160592**
15.00 x 30 Pitch RH 15 Rake
48-**8M0160591**
15.00 x 30 Pitch LH 15 Rake
48-**8M0160594**
15.25 x 30 Pitch RH 15 Rake
48-**8M0160593**
15.25 x 30 Pitch LH 15 Rake
48-**8M0160660**
14.75 x 31 Pitch RH 15 Rake
48-**8M0160659**
14.75 x 31 Pitch LH 15 Rake
48-**8M0155582**
15.00 x 31 Pitch RH 15 Rake
48-**8M0155583**
15.00 x 31 Pitch LH 15 Rake
48-**8M0160662**
15.25 x 31 Pitch RH 15 Rake
48-**8M0160661**
15.25 x 31 Pitch LH 15 Rake
48-**8M0160752**
14.75 x 32 Pitch RH 15 Rake
48-**8M0160751**
14.75 x 32 Pitch LH 15 Rake
48-**8M0155574**
15.00 x 32 Pitch RH 15 Rake
48-**8M0155573**
15.00 x 32 Pitch LH 15 Rake
48-**8M0160120**
15.25 x 32 Pitch RH 15 Rake
48-**8M0160121**
15.25 x 32 Pitch LH 15 Rake
48-**8M0160850**
14.75 x 33 Pitch RH 15 Rake
48-**8M0160851**
14.75 x 33 Pitch LH 15 Rake
48-**8M0155576**
15.00 x 33 Pitch RH 15 Rake

48-**8M0155575**
15.00 x 33 Pitch LH 15 Rake
48-**8M0160122**
15.25 x 32 Pitch RH 15 Rake
48-**8M0160123**
15.25 x 33 Pitch LH 15 Rake
48-**8M0160856**
14.75 x 34 Pitch RH 15 Rake
48-**8M0160857**
14.75 x 34 Pitch LH 15 Rake
48-**8M0160858**
15.00 x 34 Pitch RH 15 Rake
48-**8M0160859**
15.00 x 34 Pitch LH 15 Rake
48-**8M0160860**
15.25 x 24 Pitch RH 15 Rake
48-**8M0160861**
15.25 x 34 Pitch LH 15 Rake
48-**8M0155384**
14.75 x 35 Pitch RH 15 Rake
48-**8M0155383**
14.75 x 35 Pitch LH 15 Rake
48-**8M0156788**
15.00 x 35 Pitch RH 15 Rake
48-**8M0156787**
15.00 x 35 Pitch LH 15 Rake
48-**8M0160826**
15.25 x 35 Pitch RH 15 Rake
48-**8M0160827**
15.25 x 36 Pitch LH 15 Rake
48-**8M0155386**
14.75 x 36 Pitch RH 15 Rake

LAB FINISHED CNC OUTBOARD CLEAVER

48-**8M0155385**
14.75 x 36 Pitch LH 15 Rake

LAB FINISHED OUTBOARD CNC CLEAVER

48-**8M0159892**
15.00 x 36 Pitch RH 15 Rake
48-**8M0159893**
15.00 x 36 Pitch LH 15 Rake
48-**8M0159972**
15.25 x 36 Pitch RH 15 Rake
48-**8M0159973**
15.25 x 36 Pitch LH 15 Rake
48-**8M0157712**
14.75 x 37 Pitch RH 15 Rake
48-**8M0157711**
14.75 x 37 Pitch LH 15 Rake
48-**8M0160038**
15.00 x 37 Pitch RH 15 Rake
48-**8M0160037**
15.00 x 37 Pitch LH 15 Rake
48-**8M0160040**
15.25 x 37 Pitch RH 15 Rake
48-**8M0160039**
15.25 x 37 Pitch LH 15 Rake
48-**8M0163488**
14.75 x 38 Pitch RH 15 Rake
48-**8M0163489**
14.75 x 38 Pitch LH 15 Rake
48-**8M0163490**
15.00 x 38 Pitch RH 15 Rake
48-**8M0163491**
15.00 x 38 Pitch LH 15 Rake
48-**8M0163492**
15.25 x 38 Pitch RH 15 Rake
48-**8M0163493**
15.25 x 38 Pitch LH 15 Rake
48-**8M0163514**
14.75 x 39 Pitch RH 15 Rake
48-**8M0163513**
14.75 x 39 Pitch LH 15 Rake
48-**8M0163516**
15.00 x 39 Pitch RH 15 Rake
48-**8M0163515**
15.00 x 39 Pitch LH 15 Rake
48-**8M0163518**
15.25 x 39 Pitch RH 15 Rake
48-**8M0163517**
15.25 x 39 Pitch LH 15 Rake
48-**8M0163522**
14.75 x 40 Pitch RH 15 Rake
48-**8M0163521**
14.75 x 40 Pitch LH 15 Rake
48-**8M0163524**
15.00 x 40 Pitch RH 15 Rake
48-**8M0163523**
15.00 x 40 Pitch LH 15 Rake
48-**8M0163526**
15.25 x 40 Pitch RH 15 Rake
48-**8M0163525**
15.25 x 40 Pitch LH 15 Rake

CNC OUTBOARD CLEAVER 500 HP 18 DEGREE RAKE

•The Lab Finished CNC Outboard Cleaver is designed to be the most efficient propeller for high speed applications
•As opposed to a standard propeller, the CNC machining process offers superior precision and replicability for all dimensions of the propeller
•18 degree rake is applicable for high speed vee bottoms and some catamarans that require additional bow lift
•Broched splines for 1.25 inch prop shaft, designed for 450R outboard
•Additional dimensions are available for custom order

LAB FINISHED OUTBOARD CNC CLEAVER



48-**8M0159956**
14.75 x 26 Pitch RH 18 Rake
48-**8M0159955**
14.75 x 26 Pitch LH 18 Rake
48-**8M0154970**
15.00 x 26 Pitch RH 18 Rake
48-**8M0154969**
15.00 x 26 Pitch LH 18 Rake
48-**8M0160052**
15.25 x 26 Pitch RH 18 Rake
48-**8M0160051**
15.25 x 26 Pitch LH 18 Rake
48-**8M0160106**
14.75 x 27 Pitch RH 18 Rake

48-**8M0160105**
14.75 x 27 Pitch LH 18 Rake
48-**8M0160112**
15.00 x 27 Pitch RH 18 Rake
48-**8M0160111**
15.00 x 27 Pitch LH 18 Rake
48-**8M0160114**
15.25 x 27 Pitch LH 18 Rake
48-**8M0160113**
15.25 x 27 Pitch LH 18 Rake
48-**8M0160484**
14.75 x 28 Pitch RH 18 Rake
48-**8M0160483**
14.75 x 28 Pitch LH 18 Rake
48-**8M0160486**
15.00 x 28 Pitch RH 18 Rake
48-**8M0160485**
15.00 x 28 Pitch LH 18 Rake
48-**8M0160488**
15.25 x 28 Pitch RH 18 Rake
48-**8M0160487**
15.25 x 28 Pitch LH 18 Rake
48-**8M0160582**
14.75 x 29 Pitch RH 18 Rake
48-**8M0160581**
14.75 x 29 Pitch LH 18 Rake
48-**8M0160584**
15.00 x 29 Pitch RH 18 Rake
48-**8M0160583**
15.00 x 29 Pitch LH 18 Rake
48-**8M0160586**
15.25 x 29 Pitch RH 18 Rake
48-**8M0160585**
15.25 x 29 Pitch LH 18 Rake
48-**8M0160652**
14.75 x 30 Pitch RH 18 Rake
48-**8M0160653**
14.75 x 30 Pitch LH 18 Rake
48-**8M0160654**
15.00 x 30 Pitch RH 18 Rake
48-**8M0160655**
15.00 x 30 Pitch LH 18 Rake
48-**8M0160656**
15.25 x 30 Pitch RH 18 Rake
48-**8M0160657**
15.25 x 30 Pitch LH 18 Rake
48-**8M0160738**
14.75 x 31 Pitch RH 18 Rake
48-**8M0160737**
14.75 x 31 Pitch LH 18 Rake
48-**8M0160740**
15.00 x 31 Pitch RH 18 Rake
48-**8M0160739**
15.00 x 31 Pitch LH 18 Rake
48-**8M0160742**
15.25 x 31 Pitch RH 18 Rake
48-**8M0160741**
15.25 x 31 Pitch LH 18 Rake
48-**8M0160804**
14.75 x 32 Pitch RH 18 Rake
48-**8M0160803**
14.75 x 32 Pitch LH 18 Rake
48-**8M0160806**
15.00 x 32 Pitch RH 18 Rake
48-**8M0160805**
15.00 x 32 Pitch LH 18 Rake
48-**8M0160808**
15.25 x 32 Pitch RH 18 Rake
48-**8M0160807**
15.25 x 32 Pitch LH 18 Rake
48-**8M0160852**
14.75 x 33 Pitch RH 18 Rake
48-**8M0160853**
14.75 x 33 Pitch LH 18 Rake
48-**8M0159338**
15.00 x 33 Pitch RH 18 Rake
48-**8M0159339**
15.00 x 33 Pitch LH 18 Rake
48-**8M0160854**
15.25 x 33 Pitch RH 18 Rake
48-**8M0160855**
15.25 x 33 Pitch LH 18 Rake
48-**8M0160834**
14.75 x 34 Pitch RH 18 Rake
48-**8M0160835**
14.75 x 34 Pitch LH 18 Rake
48-**8M0159340**
15.00 x 34 Pitch RH 18 Rake
48-**8M0159341**
15.00 x 34 Pitch LH 18 Rake
48-**8M0160836**
15.25 x 34 Pitch RH 18 Rake
48-**8M0160837**
15.25 x 34 Pitch LH 18 Rake
48-**8M0160828**
14.75 x 35 Pitch RH 18 Rake
48-**8M0160829**
14.75 x 35 Pitch LH 18 Rake
48-**8M0160830**
15.00 x 35 Pitch RH 18 Rake
48-**8M0160831**
15.00 x 35 Pitch LH 18 Rake
48-**8M0160832**
15.25 x 35 Pitch RH 18 Rake
48-**8M0160833**
15.25 x 35 Pitch LH 18 Rake
48-**8M0159974**
14.75 x 36 Pitch RH 18 Rake
48-**8M0159975**
14.75 x 36 Pitch LH 18 Rake
48-**8M0159976**
15.00 x 36 Pitch RH 18 Rake
48-**8M0159977**
15.00 x 36 Pitch LH 18 Rake
48-**8M0159978**
15.25 x 36 Pitch RH 18 Rake
48-**8M0159979**
15.25 x 36 Pitch LH 18 Rake
48-**8M0160042**
14.75 x 37 Pitch RH 18 Rake
48-**8M0160041**
14.75 x 37 Pitch LH 18 Rake
48-**8M0160044**
15.00 x 37 Pitch RH 18 Rake
48-**8M0160043**
15.00 x 37 Pitch LH 18 Rake
48-**8M0160046**
15.25 x 37 Pitch RH 18 Rake
48-**8M0160045**
15.25 x 37 Pitch LH 18 Rake

CNC CLEAVER 5 BLADE 12 DEGREE RAKE LAB FINISHED

Varying horsepower ratings available depending on application, from 600 hp up to 1800 hp
822974 Six and 8M drive bushing
822975 Retaining ring
11-826135 Nylon Insert, 8M0035647 Brass, 11-39817 Washer and nuts for SSM Six and M8
For use with Mercury Racing IIIA, IV, V, NXT (NXT1 requires hub kit 8M8022263 - sold separate), VI SSM and M8 Sterndrive. The CNC Pro Finish propellers have a 26 Spline hub with 1.75/1.88 inch (44.5/47.7mm) O.D. propeller shaft and 6 inch (152mm) hub length. The 15 degree rake propellers are designed specifically for step Vee hulls, diameters from 15 inch to 18 inch and pitch from 26 inch to 40 inch (custom order 41 and 42 inch pitch,14.5" diameters and limited 13 degree rake available - contact Mercury Racing).
If moving from the old style 5 blade Cleaver to the new style 5 blade CNC Cleaver generally move up 2 inch of pitch; example if old style was 17 x 33 move to 17 x 35 CNC Cleaver.

As a general rule for every 1 inch of pitch change, the effect will typically be 150 RPM change. For every .50 inch of diameter change, the effect will typically be 150 RPM change.

For a complete listing of part numbers see Mercury Racing Propeller chart section.

CNC CLEAVER 5 BLADE 15 DEGREE RAKE LAB FINISHED

Varying horsepower ratings available depending on application, from 600 hp up to 1800 hp
822974 Six and 8M drive bushing
822975 Retaining ring
11-826135 Nylon Insert, 8M0035647 Brass, 11-39817 Washer and nuts for SSM Six and M8
For use with Mercury Racing IIIA, IV, V, NXT (NXT1 requires hub kit 8M8022263 - sold separate), VI SSM and M8 Sterndrive. The CNC Pro Finish propellers have a 26 Spline hub with 1.75/1.88 inch (44.5/47.7mm) O.D. propeller shaft and 6 inch (152mm) hub length. The 15 degree rake propellers are designed specifically for step Vee hulls, diameters from 15 inch to 18 inch and pitch from 26 inch to 40 inch (custom order 41 and 42 inch pitch,14.5" diameters and limited 13 degree rake available - contact Mercury Racing).
If moving from the old style 5 blade Cleaver to the new style 5 blade CNC Cleaver generally move up 2 inch of pitch; example if old style was 17 x 33 move to 17 x 35 CNC Cleaver.

As a general rule for every 1 inch of pitch change, the effect will typically be 150 RPM change. For every .50 inch of diameter change, the effect will typically be 150 RPM change.

For a complete listing of part numbers see Mercury Racing Propeller chart section.

CNC CLEAVER 5 BLADE 18 DEGREE RAKE LAB FINISHED

Varying horsepower ratings available depending on application, from 600 hp up to 1800 hp
822974 Six and 8M drive bushing
822975 Retaining ring
11-826135 Nylon Insert, 8M0035647 Brass, 11-39817 Washer and nuts for SSM Six and M8
For use with Mercury Racing IIIA, IV, V, NXT (NXT1 requires hub kit 8M8022263 - sold separate), VI SSM and M8 Sterndrive. The CNC Pro Finish propellers have a 26 Spline hub with 1.75/1.88 inch (44.5/47.7mm) O.D. propeller shaft and 6 inch (152mm) hub length. Custom order 41 and 42 inch pitch available contact Mercury Racing. For a complete listing of part numbers see Mercury Racing Propeller chart section.

CNC CLEAVER 5 BLADE 21 DEGREE RAKE LAB FINISHED

Varying horsepower ratings available depending on application, from 600 hp up to 1800 hp
822974 Six and 8M drive bushing
822975 Retaining ring
11-826135 Nylon Insert, 8M0035647 Brass, 11-39817 Washer and nuts for SSM Six and M8
For use with Mercury Racing IIIA, IV, V, NXT (NXT1 requires hub kit 8M8022263 - sold separate), VI SSM and M8 Sterndrive. The CNC Pro Finish propellers have a 26 Spline hub with 1.75/1.88 inch (44.5/47.7mm) O.D. propeller shaft and 6 inch (152mm) hub length. Custom order 41 and 42 inch pitch available contact Mercury Racing. For a complete listing of part numbers see Mercury Racing Propeller chart section.

CNC CLEAVER 6 BLADE 15 DEGREE RAKE LAB FINISHED

600 HP, 900 HP, 1200 HP and 1550 HP(custom order) 822974
Six and 8M drive bushing 822975
Retaining ring
11-826135 Nylon Insert, 8M0035647 Brass, 11-39817 Washer and nuts for SSM Six and M8
For use with Mercury Racing IIIA, IV, V, NXT (NXT1 requires hub kit 8M8022263 - sold separate), VI SSM and M8 Sterndrive. The CNC Pro Finish propellers have a 26 Spline hub with 1.75/1.88 inch (44.5/47.7mm) O.D. propeller shaft and 6 inch (152mm) hub length. For a complete listing of part numbers see Mercury Racing Propeller chart section.

CNC CLEAVER 6 BLADE 18 DEGREE RAKE LAB FINISHED

600 HP, 900 HP, 1200 HP and 1550 HP(custom order)
822974 Six and 8M drive bushing
822975 Retaining ring
11-826135 Nylon Insert, 8M0035647 Brass, 11-39817 Washer and nuts for SSM Six and M8
For use with Mercury Racing IIIA, IV, V, NXT (NXT1 requires hub kit 8M8022263 - sold separate), VI SSM and M8 Sterndrive. The CNC Pro Finish propellers have a 26 Spline hub with 1.75/1.88 inch (44.5/47.7mm) O.D. propeller shaft and 6 inch (152mm) hub length. Custom order 41 and 42 inch pitch available contact Mercury Racing. For a complete listing of part numbers see Mercury Racing Propeller chart section.

CNC CLEAVER 6 BLADE 21 DEGREE RAKE LAB FINISHED

600 HP, 900 HP, 1200 HP and 1550 HP(custom order)
822974 Six and 8M drive bushing
822975 Retaining ring
11-826135 Nylon Insert, 8M0035647 Brass, 11-39817 Washer and nuts for SSM Six and M8
For use with Mercury Racing IIIA, IV, V, NXT (NXT1 requires hub kit 8M8022263 - sold separate), VI SSM and M8 Sterndrive. The CNC Pro Finish propellers have a 26 Spline hub with 1.75/1.88 inch (44.5/47.7mm) O.D. propeller shaft and 6 inch (152mm) hub length. Custom order 41 and 42 inch pitch available contact Mercury Racing. For a complete listing of part numbers see Mercury Racing Propeller chart section.

MERCURY RACING PROPELLER CHARTS

SPITFIRE XP

Spitfire XP

Diameter	Pitch	Pro Finished Part Number
14	12	48-8M0167641
14	12.5	48-8M0167642
14	13	48-8M0167643
13.5	13.5	48-8M0167659
13.5	14	48-8M0167660
13.5	14.5	48-8M0167661
13.5	15	48-8M0167662
13	15.5	48-8M0167664
13	16	48-8M0167665
13	16.5	48-8M0167666
13	17	48-8M0167667
12.7	17.5	48-8M0167697
12.7	18	48-8M0167698
12.7	18.5	48-8M0167699
12.7	19	48-8M0167700
12.7	19.5	48-8M0167702
12.7	20	48-8M0167703
12.7	20.5	48-8M0167704
12.7	21	48-8M0167705

LIGHTNING E.T.



Lightning E.T. Outboard Propeller Chart

Diameter	Pitch	Lab Finished LH Rotation	Lab Finished RH Rotation
14.5	26	N.L.A.	48-849246L62
14.5	28	N.L.A.	48-849248L62
14.5	30	N.L.A.	48-849506L62
14.5	32	N.L.A.	48-849508L62

PRO MAX ® - 4 BLADE STAINLESS STEEL



Pro Max. ® 4 Blade X7 Stainless Steel Outboard Propeller Chart

Diameter (Inches)	Pitch	Blade	Pro Finished LH Rotation	Lab Finished LH Rotation	Pro Finished RH Rotation	Lab Finished RH Rotation
14.5	22.5	4	N/A	N/A	48-8M0112981	N/A
14.5	23	4	N/A	N/A	48-8M0079698	N/A
14.5	23.5	4	N/A	N/A	48-8M0112982	N/A
14.5	24	4	N/A	N/A	48-8M0079699	48-8M0079692
14.5	24.5	4	N/A	N/A	48-8M0112983	N/A
14.5	25	4	N/A	N/A	48-8M0079700	N/A
14.5	25.5	4	N/A	N/A	48-8M0112984	N/A
14.5	26	4	N/A	N/A	48-8M0079701	48-8M0079693
14.5	26.5	4	N/A	N/A	48-8M0112985	N/A
14.5	27	4	N/A	N/A	48-8M0079702	N/A
14.5	27.5	4	N/A	N/A	48-8M0112986	N/A
14.5	28	4	N/A	N/A	48-8M0079703	48-8M0079694
14.5	28.5	4	N/A	N/A	48-8M0112987	N/A
14.5	29	4	N/A	N/A	48-8M0079704	N/A
14.5	29.5	4	N/A	N/A	48-8M0112988	N/A
14.5	30	4	N/A	N/A	48-8M0079705	48-8M0079695
14.5	30.5	4	N/A	N/A	48-8M0112989	N/A

Diameter (Inches)	Pitch	Blade	Pro Finished LH Rotation	Lab Finished LH Rotation	Pro Finished RH Rotation	Lab Finished RH Rotation
14.5	31	4	N/A	N/A	48-8M0079706	N/A
14.5	31.5	4	N/A	N/A	48-8M0112990	N/A
14.5	32	4	N/A	N/A	48-8M0079707	48-8M0079696

BRAVO I LT PRO FINISHED



Bravo I LT Pro Finished Outboard

Diameter	Pitch	Pro Finish LH Rotation	Pro Finished RH Rotation
15.25	19	48-8M0142097	48-8M0126236
15.25	19.5	N/A	48-8M0126237
15.25	20	48-8M0142098	48-8M0121589
15.25	20.5	N/A	48-8M0121590
15.25	21	48-8M0142099	48-8M0121591
15.25	21.5	N/A	48-8M0121592
15.25	22	48-8M0142100	48-8M0121593
15.25	22.5	N/A	48-8M0121594
15.25	23	48-8M0142101	48-8M0121595
15.25	23.5	N/A	48-8M0121596
15 .25	24	48-8M0142102	48-8M0121597
15.25	24.5	N/A	48-8M0121598
15.25	25	48-8M0142103	48-8M0121599
15.25	25.5	N/A	48-8M0121600
15.25	26	48-8M0142104	48-8M0121601
15.25	26.5	N/A	48-8M0121602
15.25	27	48-8M0142105	48-8M0121603
15.25	27.5	N/A	48-8M0121604
15.25	28	48-8M0142106	48-8M0129046
15.25	28.5	N/A	48-8M0129048
15.25	29	48-8M0142107	48-8M0129049

BRAVO I XS PRO FINISHED



Bravo I XS Pro Finished Outboard

Diameter	Pitch	Pro Finished RH Rotation
15.25	22	48-831910L60
15.25	22.5	48-8M0111147
15.25	23	48-831910L80
15.25	23.5	48-8M0100104
15.25	24	48-831912L60

Diameter	Pitch	Pro Finished RH Rotation
15.25	24.5	48-8M0111148
15.25	25	48-831912L80
15.25	25.5	48-8M0100105
15 .25	26	48-831914L60
15.25	26.5	48-8M0111149
15.25	27	48-831914L80
15.25	27.5	48-8M0100106
15.25	28	48-831916L60
15.25	28.5	48-8M0111150
15.25	29	48-831916L80
15.25	29.5	48-8M0100107
15.25	30	48-831918L60
15.25	30.5	48-8M0111151
15.25	31	48-831918L80
15.25	31.5	48-8M0100109

BRAVO I XC PRO FINISHED



Bravo I XC Pro Finished Outboard

Diameter	Pitch	Pro Finished RH Rotation
15.3	19	48-8M0118468
15.3	20	48-8M0100110
15.3	21	48-8M0118470
15.3	22	48-8M0100111
15.3	24	48-8M0100112

BRAVO I FS PRO FINISHED



Bravo I FS Pro Finished Propeller Chart

Diameter	Pitch	Pro Finished LH Rotation	Pro Finished RH Rotation
15.25	20	48-8M0090453	48-8M0090451
15.25	20.5	Not Available	48-8M0118469
15.25	21	48-8M0090457	48-8M0090455
15.25	21.5	Not Available	48-8M0118471
15.25	22	48-8M0071088	48-8M0064450

MERCURY RACING PROPELLER CHARTS

Diameter	Pitch	Pro Finished LH Rotation	Pro Finished RH Rotation
15.25	22.5	Not Available	48-8M0128332
15.25	23	48-8M0071089	48-8M0064468
15.25	23.5	Not Available	48-8M0152624
15.25	24	48-8M0071090	48-8M0064469
15.25	24.5	Not Available	48-8M0128333
15.25	25	48-8M0071091	48-8M0064470
15.25	25.5	Not Available	48-8M0129397
15.25	26	48-8M0071092	48-8M0064471
15.25	26.5	Not Available	48-8M0128334
15.25	27	48-8M0071093	48-8M0064472
15.25	28	48-8M0071094	48-8M0064473
15.25	28.5	Not Available	48-8M0128335
15.25	29	48-8M0071095	48-8M0064475
15.25	30	48-8M0071096	48-8M0064476
15.25	31	48-8M0071097	48-8M0064477
15.25	32	48-8M0104418	48-8M0104417
15.25	33	48-8M0104420	48-8M0104419
15.25	34	Not Available	48-8M0157785
15.25	35	Not Available	48-8M0157786
15.25	36	Not Available	48-8M0157787
15.25	37	Not Available	48-8M0157788

ENERTIA ECO XP PROPELLER



Enertia ECO XP Propeller Chart

Diameter	Pitch	LH Rotation	RH Rotaion
16	16.5	48-8M0110303	48-8M0110304
16	17.5	48-8M0119053	48-8M0119052
16	18.5	48-8M0108351	48-8M0108350
16	19.5	48-8M0119055	48-8M0119056
16	20.5	48-8M0108353	48-8M0108352
16	21.5	48-8M0119057	48-8M0119058
16	22.5	48-8M0108357	48-8M0108354

REVOLUTION 4 XP PRO FINISHED PROPELLER



Revolution 4 XP Pro Finished Chart

Diameter	Pitch	Pro Finished LH Rotaion	Pro Finished RH Rotaion
14.6	13	NA	48-8M0142110
14.6	14	48-8M0142111	48-8M0142112
14.6	15	48-8M0142113	48-8M0142114
14.6	16	48-8M0142115	48-8M0142116
14.6	17	48-8M0142117	48-8M0142118
14.6	18	48-8M0113929	48-8M0113928
14.6	18.5	48-8M0113931	48-8M0113930
14.6	19	48-8M0113933	48-8M0113932
14.6	19.5	48-8M0113935	48-8M0113934
14.6	20	48-8M0113937	48-8M0113936
14.6	20.5	48-8M0113939	48-8M0113938
14.6	21	48-8M0113941	48-8M0113940
14.6	21.5	48-8M0113943	48-8M0113942
14.6	22	48-8M0113945	48-8M0113944
14.6	22.5	48-8M0113947	48-8M0113946
14.6	23	48-8M0113949	48-8M0113948
14.6	23.5	48-8M0113951	48-8M0113950
14.6	24	48-8M0113953	48-8M0113952
14.6	24.5	48-8M0113955	48-8M0113954
14.6	25	48-8M0113957	48-8M0113956
14.6	25.5	48-8M0113959	48-8M0113958
15.00	26	48-8M0173919	48-8M0173918
15.00	26.5	48-8M0173919	48-8M0173920
15.00	27	48-8M0173921	48-8M0173922
15.00	27.5	48-8M0173923	48-8M0173924

REVOLUTION 4 LAB FINISHED PROPELLER



Revolution 4 Lab Finished Chart

Diameter	Pitch	Lab Finished LH Rotaion	Lab Finished RH Rotaion
14.6	19	48-857027L55	48-857026L55
14.6	20	48-8M0106547	48-8M0106548
14.6	21	48-857029L55	48-857028L55
14.6	22	48-8M0106545	48-8M0106546
14.6	23	48-857031L55	48-857030L55
14.6	24	48-8M0106543	48-8M0106544
14.6	25	48-857033L55	48-857032L55
15.00	26	48-8M0173941	48-8M0173940
15.00	26.5	48-8M0173943	48-8M0173942
15.00	27	48-8M0173945	48-8M0173944
15.00	27.5	48-8M0173947	48-8M0173946

REVOLUTION 4 SATIN LAB FINISHED PROPELLER



Revolution 4 Satin Lab Finished Chart

Diameter	Pitch	Satin Lab Finished LH Rotation	Satin Lab Finished RH Rotation
14.6	23	48-8M0162875	48-8M0162876
14.6	24	48-8M0162877	48-8M0162878
14.6	24.5	48-8M0162879	48-8M0162880
14.6	25	48-8M0162881	48-8M0162882
14.6	25.5	48-8M0162883	48-8M0162884
15.00	26	48-8M0173949	48-8M0173948
15.00	26.5	48-8M0173951	48-8M0173950
15.00	27	48-8M0173953	48-8M0173952
15.00	27.5	48-8M0173955	48-8M0173954

BRAVO I OC LAB FINISHED



Bravo I OC Lab Finished Outboard Propeller Chart

Diameter	Pitch	Pro Finished LH Rotation	Pro Finished RH Rotation
14.75	22.5	NA	48-8M0144040
14.75	23.5	NA	48-8M0144042
14.75	24.5	NA	48-8M0144044
14.75	25.5	NA	48-8M0144046
14.75	26	NA	48-8M0129147
14.75	26.5	NA	48-8M0129148
14.75	27	NA	48-8M0129149
14.75	28	48-8M0092003	48-8M0092002
14.75	29	48-8M0092005	48-8M0092004
14.75	30	48-8M0092007	48-8M0092006
14.75	31	48-8M0092009	48-8M0092008
14.75	32	48-8M0092011	48-8M0092010
14.75	33	48-8M0092013	48-8M0092012

BRAVO I - 4 BLADE SS LAB FINISHED



Bravo I 4 Blade SS Lab Finished Sterndrive and 4 Stroke Outboard Chart

Diameter	Pitch	Lab Finished LH Rotation	Lab Finished RH Rotation
15.25	22	48-831909L65	48-831910L65
15.25	23	48-8M0073457	48-8M0073456
15.25	24	48-831911L65	48-831912L65
15.25	25	48-831911L45	48-831912L45
15.25	26	48-831913L65	48-831914L65
15.25	27	48-831913L45	48-831914L45
15.25	28	48-831915L65	48-831916L65
15.25	29	48-831915L45	48-831916L45
15.25	30	48-831917L65	48-831918L65
15.25	31	48-831917L45	48-831918L45
15.25	32	48-831919L65	48-831920L65
15.25	33	48-831919L45	48-831920L45
15.25	34	48-832121L65	48-832122L65
15.25	35	48-832121L45	48-832122L45
15.25	36	48-832123L65	48-832124L65
15.25	37	48-832123L45	48-832124L45

MAX 5 LAB FINISHED PROPELLER



MAX 5 Lab Finished Propeller Chart

Diameter	Pitch	Lab Finished LH Rotation	Lab Finished RH Rotation
15	34	48-8M0118017	27-8M0115016
15	33.5	48-8M0118015	48-8M0118014
15	33	48-8M0118013	48-8M0118012
15	32.8	48-8M0131167	48-8M0131166
15	32.3	48-8M0131165	48-8M0131164
15	32	48-8M0118011	48-8M0118010
15	31.5	48-8M0118009	48-8M0118008
15	31	48-8M0118007	48-8M0118006
15	30.8	48-8M0131163	48-8M0131162
15	30.3	48-8M0131161	48-8M0131160
15	30	48-8M0118005	48-8M0118004

Diameter	Pitch	Lab Finished LH Rotation	Lab Finished RH Rotation
15	29.5	48-8M0118003	48-8M0118002
15	29	48-8M0118001	48-8M0118000
15	28.8	48-8M0131159	48-8M0131158
15	28.3	48-8M0131157	48-8M0131156
15	28	48-8M0117999	48-8M0117998
15	27.5	48-8M0117997	48-8M0117996
15	27	48-8M0117995	48-8M0117994
15	26.8	48-8M0131155	48-8M0131154
15	26.3	48-8M0131153	48-8M0131152
15	26	48-8M0117993	48-8M0117992
15	25.5	48-8M0117991	48-8M0117990
15	25	48-8M0117989	48-8M0117988
15	24.8	48-8M0131151	48-8M0131150
15	24.3	48-8M0131149	48-8M0131148
15	24	48-8M0117987	48-8M0117986
15	23.5	48-8M0117985	48-8M0117984
15	23	48-8M0117983	48-8M0117982
15	22.8	48-8M0131147	48-8M0131146
15	22.3	48-8M0131145	48-8M0131144
15.25	22.5	48-8M0156439	48-8M0156434
15.25	23	48-8M0156437	48-8M0156436
15.25	24	48-8M0156441	48-8M0156440
15.25	24.5	48-8M0156445	48-8M0156444
15.25	25	48-8M0156447	48-8M0156446
15.25	25.5	48-8M0156449	48-8M0156448
15.25	26	48-8M0156451	48-8M0156450
15.25	26.5	48-8M0156455	48-8M0156451
15.25	27	48-8M0156457	48-8M0156456
15.25	27.5	48-8M0156459	48-8M0156458
15.25	28	48-8M0156461	48-8M0156460
15.25	28.5	48-8M0156465	48-8M0156464
15.25	29	48-8M0156467	48-8M0156466
15.25	29.5	48-8M0156469	48-8M0156468
15.25	30	48-8M0156471	48-8M0156470
15.25	30.5	48-8M0156475	48-8M0156474
15.25	31	48-8M0156477	48-8M0156476
15.25	31.5	48-8M0156479	48-8M0156478
15.25	32	48-8M0156481	48-8M0156480
15.25	32.5	48-8M0156485	48-8M0156484
15.25	33	48-8M0156487	48-8M0156486
15.25	33.5	48-8M0156489	48-8M0156488
15.25	34	48-8M0156491	48-8M0156490

MAX 5 ST LAB FINISHED PROPELLER



MAX 5 ST Lab Finished Propeller Chart

Diameter	Pitch	Lab Finished LH Rotation	Lab Finished RH Rotation
15.25	22.5	48-8M0156495	48-8M0156494
15.25	23	48-8M0156497	48-8M0156496
15.25	23.5	48-8M0156499	48-8M0156498
15.25	24	48-8M0156501	48-8M0156500
15.25	24.5	48-8M0156505	48-8M0156504
15.25	25	48-8M0156507	48-8M0156506
15.25	25.5	48-8M0156509	48-8M0156508
15.25	26	48-8M0156511	48-8M0156510
15.25	26.5	48-8M0156515	48-8M0156514
15.25	27	48-8M0156517	48-8M0156516
15.25	27.5	48-8M0156519	48-8M0156518
15.25	28	48-8M0156521	48-8M0156520
15.25	28.5	48-8M0156525	48-8M0156524
15.25	29	48-8M0156527	48-8M0156526
15.25	29.5	48-8M0156529	48-8M0156528
15.25	30	48-8M0156531	48-8M0156530
15.25	30.5	48-8M0156535	48-8M0156534
15.25	31	48-8M0156537	48-8M0156536
15.25	31.5	48-8M0156539	48-8M0156538
15.25	32	48-8M0156541	48-8M0156540
15.25	32.5	48-8M0156545	48-8M0156544
15.25	33	48-8M0156547	48-8M0156546
15.25	33.5	48-8M0156549	48-8M0156548
15.25	34	48-8M0156551	48-8M0156550

MAXIMUS LONG TUBE 5 BLADE SS LAB FINISHED



Maximus Long Tube 5 Blade Stainless Steel Sterndrive Propeller Chart

Diameter	Pitch	Lab Finished LH Rotation	Lab Finished RH Rotation
15.63	23	48-889975L45	48-889974L45
15.3	23	48-889975L44	48-889974L44
15.63	24	48-889975L65	48-889974L65
15.3	24	48-889975L64	48-889974L64
15	24	48-889975L63	48-889974L63
15.63	25	48-889965L45	48-889964L45
15.3	25	48-889965L44	48-889964L44
15.63	26	48-889965L65	48-889964L65
15.3	26	48-889965L64	48-889964L64
15	26	48-889965L63	48-889964L63
15.63	27	48-889967L45	48-889966L45
15.3	27	48-889967L44	48-889966L44
15.63	28	48-889967L65	48-889966L65
15.3	28	48-889967L64	48-889966L64
15	28	48-889967L63	48-889966L63

Diameter	Pitch	Lab Finished LH Rotation	Lab Finished RH Rotation
15.63	29	48-889969L45	48-889968L45
15.3	29	48-889969L44	48-889968L44
15.63	30	48-889969L65	48-889968L65
15.3	30	48-889969L64	48-889968L64
15	30	48-889969L63	48-889968L63
15.63	31	48-889971L45	48-889970L45
15.3	31	48-889971L44	48-889970L44
15.63	32	48-889971L65	48-889970L65
15.3	32	48-889971L64	48-889970L64
15	32	48-889971L63	48-889970L63
15.63	33	48-889973L45	48-889972L45
15.3	33	48-889973L44	48-889972L44
15.63	34	48-889973L65	48-889972L65
15.3	34	48-889973L64	48-889972L64
15	34	48-889973L63	48-889972L63
15.63	35	48-889973L85	48-889972L85
15.3	35	48-889973L84	48-889972L84

MAXIMUS SHORT TUBE 5 BLADE SS LAB FINISHED



Maximus Short Tube 5 Blade Stainless Steel Sterndrive Propeller Chart

Diameter	Pitch	Lab Finished LH Rotation	Lab Finished RH Rotation
15.63	23	48-889975L49	48-889974L49
15.3	23	48-889975L48	48-889974L48
15.63	24	48-889975L69	48-889974L69
15.3	24	48-889975L68	48-889974L68
15	24	N.L.A.	N.L.A.
15.63	25	48-889965L49	48-889964L49
15.3	25	48-889965L48	48-889964L48
15.63	26	48-889965L69	48-889964L69
15.3	26	48-889965L68	48-889964L68
15	26	N.L.A.	N.L.A.
15.63	27	48-889967L49	48-889966L49
15.3	27	48-889967L48	48-889966L48
15.63	28	48-889967L69	48-889966L69
15.3	28	48-889967L68	48-889966L68
15	28	N.L.A.	N.L.A.
15.63	29	48-889969L49	48-889968L49
15.3	29	48-889969L48	48-889968L48
15.63	30	48-889969L69	48-889968L69
15.3	30	48-889969L68	48-889968L68
15	30	N.L.A.	N.L.A.
15.63	31	48-889971L49	48-889970L49
15.3	31	48-889971L48	48-889970L48
15.63	32	48-889971L69	48-889970L69

Diameter	Pitch	Lab Finished LH Rotation	Lab Finished RH Rotation
15.3	32	48-889971L68	48-889970L68
15	32	N.L.A.	N.L.A.
15.63	33	48-889973L49	48-889972L49
15.3	33	48-889973L48	48-889972L48
15.63	34	48-889973L69	48-889972L69
15.3	34	48-889973L68	48-889972L68
15	34	N.L.A.	N.L.A.
15.63	35	48-889973L89	48-889972L89
15.3	35	48-889973L88	48-889972L88

BRAVO THREE XR PRO FINISHED



Bravo Three XR Pro Finished Sterndrive Propeller Chart

Bravo Three X, XR Propeller Hardware:
Bravo Three Inner Prop Nut Wrench 91-805457T 1
Forward Thrust Washer 805101T
Aft Thrust Washer 805100T
Forward Prop Nut 11-805092T
Aft Prop Nut 11-805093

Diameter	Pitch	Material	Blades	Pro Finished LH Rotation	Pro Finished RH Rotation
15.5 / 14.5	28	Polished SS	4 / 3	48-842945L80	48-842946L80
15.5 / 14.5	27.5	Polished SS	4 / 3	48-8M0125747	48-8M0125746
15.5 / 14.5	27	Polished SS	4 / 3	48-842945L70	48-842946L70
15.8 / 14.8	26	Polished SS	4 / 3	48-842943L80	48-842944L80
15.8 / 14.8	25.5	Polished SS	4 / 3	48-8M0125745	48-8M0125744
15.8 / 14.8	25	Polished SS	4 / 3	48-842943L70	48-842944L70
16 / 15	24	Polished SS	4 / 3	48-842941L80	48-842942L80
16 / 15	23.5	Polished SS	4 / 3	48-8M0125743	48-8M0125742
16 / 15	23	Polished SS	4 / 3	48-842941L70	48-842942L70
16 / 15	22	Polished SS	4 / 3	48-8M0073458	48-8M0073459
16 / 15	21.5	Polished SS	4 / 3	48-8M0125741	48-8M0125740
16 / 15	21	Polished SS	4 / 3	48-842939L70	48-842940L70
16 / 15	20	Polished SS	4 / 3	48-8M0125739	48-8M0125738

CNC OUTBOARD CLEAVER 400 HP 15 DEGREE RAKE

CNC Outboard Cleaver 400 HP 15 Degree Rake

Diameter	Pitch	LH Rotation	RH Rotation
15.00	32	48-8M0140854	48-8M0140855
15.25	32	48-8M0147732	48-8M0147733
15.00	33	48-8M0140248	48-8M0140247
15.25	33	48-8M0148162	48-8M0148161
15.00	34	48-8M0139056	48-8M0139055
15.25	34	48-8M0148164	48-8M0148163

CNC OUTBOARD CLEAVER 500 HP 15 DEGREE RAKE

CNC Outboard Cleaver 500 HP 15 Degree Rake

Diameter	Pitch	RH Rotation	L0H Rotation
14.75	26	48-8M0159882	48-8M0159883
15.00	26	48-8M0154968	48-8M0154967
15.25	26	48-8M0159954	48-8M0159953
14.75	27	48-8M0160054	48-8M0160053
15.00	27	48-8M0160056	48-8M0160055
15.25	27	48-8M0160058	48-8M0160057
14.75	28	48-8M0160128	48-8M0160127
15.00	28	48-8M0160130	48-8M0160129
15.25	28	48-8M0160132	48-8M0160131
14.75	29	48-8M0160538	48-8M0160539
15.00	29	48-8M0160540	48-8M0160541
15.25	29	48-8M0160542	48-8M0160543
14.75	30	48-8M0160590	48-8M0160589
15.00	30	48-8M0160592	48-8M0160591
15.25	30	48-8M0160594	48-8M0160593
14.75	31	48-8M0160660	48-8M0160659
15.00	31	48-8M0155582	48-8M0155583
15.25	31	48-8M0160662	48-8M0160661
14.75	32	48-8M0160752	48-8M0160751
15.00	32	48-8M0155574	48-8M0155573
15.25	32	48-8M0160120	48-8M0160121
14.75	33	48-8M0160850	48-8M0160851
15.00	33	48-8M0155576	48-8M0155575
15.25	33	48-8M0160122	48-8M0160123
14.75	34	48-8M0160856	48-8M0160857
15.00	34	48-8M0160858	48-8M0160859
15.25	34	48-8M0160860	48-8M0160861
14.75	35	48-8M0155384	48-8M0155383
15.00	35	48-8M0156788	48-8M0156787
15.25	35	48-8M0160826	48-8M0160827
14.75	36	48-8M0155386	48-8M0155385
15.00	36	48-8M0159892	48-8M0159893
15.25	36	48-8M0159972	48-8M0159973
14.75	37	48-8M0157712	48-8M0157711
15.00	37	48-8M0160038	48-8M0160037
15.25	37	48-8M0160040	48-8M0160039
14.75	38	48-8M0163488	48-8M0163489
15.00	38	48-8M0163490	48-8M0163491
15.25	38	48-8M0163492	48-8M0163493
14.75	39	48-8M0163514	48-8M0163513
15.00	39	48-8M0163516	48-8M0163515
15.25	39	48-8M0163518	48-8M0163517
14.75	40	48-8M0163522	48-8M0163521
15.00	40	48-8M0163524	48-8M0163523
15.25	40	48-8M0163526	48-8M0163525

CNC OUTBOARD CLEAVER 500 HP 18 DEGREE RAKE

CNC Outboard Cleaver 500 HP 18 Degree Rake

Diameter	Pitch	LH Rotation	RH Rotation
14.75	26	48-8M0159955	48-8M0159956
15.00	26	48-8M0154969	48-8M0154970
15.25	26	48-8M0160051	48-8M0160052
14.75	27	48-8M0160105	48-8M0160106
15.00	27	48-8M0160111	48-8M0160112
15.25	27	48-8M0160113	48-8M0160114
14.75	28	48-8M0160483	48-8M0160484
15.00	28	48-8M0160485	48-8M0160486
15.25	28	48-8M0160487	48-8M0160488
14.75	29	48-8M0160581	48-8M0160582
15.00	29	48-8M0160583	48-8M0160584
15.25	29	48-8M0160585	48-8M0160586
14.75	30	48-8M0160653	48-8M0160652
15.00	30	48-8M0160655	48-8M0160654
15.25	30	48-8M0160657	48-8M0160656
14.75	31	48-8M0160737	48-8M0160738
15.00	31	48-8M0160739	48-8M0160740
15.25	31	48-8M0160741	48-8M0160742
14.75	32	48-8M0160803	48-8M0160804
15.00	32	48-8M0160805	48-8M0160806
15.25	32	48-8M0160807	48-8M0160808
14.75	33	48-8M0160853	48-8M0160852
15.00	33	48-8M0159339	48-8M0159338
15.25	33	48-8M0160855	48-8M0160854
14.75	34	48-8M0160835	48-8M0160834
15.00	34	48-8M0159341	48-8M0159340
15.25	34	48-8M0160837	48-8M0160836
14.75	35	48-8M0160829	48-8M0160828
15.00	35	48-8M0160831	48-8M0160830
15.25	35	48-8M0160833	48-8M0160832
14.75	36	48-8M0159975	48-8M0159974
15.00	36	48-8M0159977	48-8M0159976
15.25	36	48-8M0159979	48-8M0159978
14.75	37	48-8M0160041	48-8M0160042
15.00	37	48-8M0160043	48-8M0160044
15.25	37	48-8M0160045	48-8M0160046

CNC CLEAVER 5 BLADE 15 DEGREE RAKE POLISHED LAB FINISHED STERNDRIVE PROPELLER



CNC Cleaver, Heat Treated SS 5 Blade, 15 Degree Rake – 1550 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8, Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	26	48-8M0049063	48-8M0049064
17.75	26	48-8M0049093	48-8M0049094
17.50	26	48-8M0049123	48-8M0049124
17.25	26	48-8M0049153	48-8M0049154
17	26	48-8M0049183	48-8M0049184
16.75	26	48-8M0049213	48-8M0049214
16.50	26	48-8M0049243	48-8M0049244
16.25	26	48-8M0049273	48-8M0049274
16	26	48-8M0049303	48-8M0049304
18	27	48-8M0049065	48-8M0049066
17.75	27	48-8M0049095	48-8M0049096
17.50	27	48-8M0049125	48-8M0049126
17.25	27	48-8M0049155	48-8M0049156
17	27	48-8M0049185	48-8M0049186
16.75	27	48-8M0049215	48-8M0049216
16.50	27	48-8M0049245	48-8M0049246
16.25	27	48-8M0049275	48-8M0049276
16	27	48-8M0049305	48-8M0049306
18	28	48-8M0049067	48-8M0049068
17.75	28	48-8M0049097	48-8M0049098
17.50	28	48-8M0049127	48-8M0049128
17.25	28	48-8M0049157	48-8M0049158
17	28	48-8M0049187	48-8M0049188
16.75	28	48-8M0049217	48-8M0049218
16.50	28	48-8M0049247	48-8M0049248
16.25	28	48-8M0049277	48-8M0049278
16	28	48-8M0049307	48-8M0049308
18	29	48-8M0049069	48-8M0049070
17.75	29	48-8M0049099	48-8M0049100
17.50	29	48-8M0049129	48-8M0049130
17.25	29	48-8M0049159	48-8M0049160
17	29	48-8M0049189	48-8M0049190
16.75	29	48-8M0049219	48-8M0049220
16.50	29	48-8M0049249	48-8M0049250
16.25	29	48-8M0049279	48-8M0049280
16	29	48-8M0049309	48-8M0049310
18	30	48-8M0049071	48-8M0049072
17.75	30	48-8M0049101	48-8M0049102
17.50	30	48-8M0049131	48-8M0049132
17.25	30	48-8M0049161	48-8M0049162
17	30	48-8M0049191	48-8M0049192
16.75	30	48-8M0049221	48-8M0049222
16.50	30	48-8M0049251	48-8M0049252
16.25	30	48-8M0049281	48-8M0049282
16	30	48-8M0049311	48-8M0049312
18	31	48-8M0049073	48-8M0049074
17.75	31	48-8M0049103	48-8M0049104
17.50	31	48-8M0049133	48-8M0049134
17.25	31	48-8M0049163	48-8M0049164
17	31	48-8M0049193	48-8M0049194
16.75	31	48-8M0049223	48-8M0049224
16.50	31	48-8M0049253	48-8M0049254
16.25	31	48-8M0049283	48-8M0049284
16	31	48-8M0049313	48-8M0049314
18	32	48-8M0049075	48-8M0049076
17.75	32	48-8M0049105	48-8M0049106
17.50	32	48-8M0049135	48-8M0049136
17.25	32	48-8M0049165	48-8M0049166
17	32	48-8M0049195	48-8M0049196
16.75	32	48-8M0049225	48-8M0049226
16.50	32	48-8M0049255	48-8M0049256
16.25	32	48-8M0049285	48-8M0049286
16	32	48-8M0049315	48-8M0049316
18	33	48-8M0049077	48-8M0049078
17.75	33	48-8M0049107	48-8M0049108
17.50	33	48-8M0049137	48-8M0049138
17.25	33	48-8M0049167	48-8M0049168
17	33	48-8M0049197	48-8M0049198
16.75	33	48-8M0049227	48-8M0049228
16.50	33	48-8M0049257	48-8M0049258
16.25	33	48-8M0049287	48-8M0049288
16	33	48-8M0049317	48-8M0049318
18	34	48-8M0049079	48-8M0049080
17.75	34	48-8M0049109	48-8M0049110
17.50	34	48-8M0049139	48-8M0049140
17.25	34	48-8M0049169	48-8M0049170
17	34	48-8M0049199	48-8M0049200
16.75	34	48-8M0049229	48-8M0049230
16.50	34	48-8M0049259	48-8M0049260
16.25	34	48-8M0049289	48-8M0049290
16	34	48-8M0049319	48-8M0049320
18	35	48-8M0049081	48-8M0049082
17.75	35	48-8M0049111	48-8M0049112
17.50	35	48-8M0049141	48-8M0049142
17.25	35	48-8M0049171	48-8M0049172
17	35	48-8M0049201	48-8M0049202
16.75	35	48-8M0049231	48-8M0049232
16.50	35	48-8M0049261	48-8M0049262
16.25	35	48-8M0049291	48-8M0049292
16	35	48-8M0049321	48-8M0049322
18	36	48-8M0049083	48-8M0049084
17.75	36	48-8M0049113	48-8M0049114
17.50	36	48-8M0049143	48-8M0049144
17.25	36	48-8M0049173	48-8M0049174
17	36	48-8M0049203	48-8M0049204
16.75	36	48-8M0049233	48-8M0049234
16.50	36	48-8M0049263	48-8M0049264
16.25	36	48-8M0049293	48-8M0049294
16	36	48-8M0049323	48-8M0049324
18	37	48-8M0049085	48-8M0049086
17.75	37	48-8M0049115	48-8M0049116
17.50	37	48-8M0049145	48-8M0049146
17.25	37	48-8M0049175	48-8M0049176
17	37	48-8M0049205	48-8M0049206
16.75	37	48-8M0049235	48-8M0049236
16.50	37	48-8M0049265	48-8M0049266
16.25	37	48-8M0049295	48-8M0049296

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
16	37	48-8M0049325	48-8M0049326
18	38	48-8M0049087	48-8M0049088
17.75	38	48-8M0049117	48-8M0049118
17.50	38	48-8M0049147	48-8M0049148
17.25	38	48-8M0049177	48-8M0049178
17	38	48-8M0049207	48-8M0049208
16.75	38	48-8M0049237	48-8M0049238
16.50	38	48-8M0049267	48-8M0049268
16.25	38	48-8M0049297	48-8M0049298
16	38	48-8M0049327	48-8M0049328
18	39	48-8M0049089	48-8M0049090
17.75	39	48-8M0049119	48-8M0049120
17.50	39	48-8M0049149	48-8M0049150
17.25	39	48-8M0049179	48-8M0049180
17	39	48-8M0049209	48-8M0049210
16.75	39	48-8M0049239	48-8M0049240
16.50	39	48-8M0049269	48-8M0049270
16.25	39	48-8M0049299	48-8M0049300
16	39	48-8M0049329	48-8M0049330
18	40	48-8M0049091	48-8M0049092
17.75	40	48-8M0049121	48-8M0049122
17.50	40	48-8M0049151	48-8M0049152
17.25	40	48-8M0049181	48-8M0049182
17	40	48-8M0049211	48-8M0049212
16.75	40	48-8M0049241	48-8M0049242
16.50	40	48-8M0049271	48-8M0049272
16.25	40	48-8M0049301	48-8M0049302
16	40	48-8M0049331	48-8M0049332

CNC Cleaver, Heat Treated SS 5 Blade, 15 Degree Rake - 1350 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8, Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
17.50	37	48-8M0094553	48-8M0094554
17.50	38	48-8M0104251	48-8M0104250
17	39	48-8M0119331	48-8M0119332
16.50	39	48-8M0103651	48-8M0103650

CNC Cleaver, Heat Treated SS 5 Blade, 15 Degree Rake - 1200 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8. Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	26	48-8M0002277	48-8M0002278
17.75	26	48-8M0002307	48-8M0002308
17.50	26	48-8M0002337	48-8M0002338
17.25	26	48-8M0002367	48-8M0002368
17	26	48-8M0002397	48-8M0002398
16.75	26	48-8M0002427	48-8M0002428
16.50	26	48-8M0002457	48-8M0002458
16.25	26	48-8M0002487	48-8M0002488
16	26	48-8M0002517	48-8M0002518

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
15.75	26	48-8M0002547	48-8M0002548
15.50	26	48-8M0002577	48-8M0002578
15.25	26	48-8M0002607	48-8M0002608
15	26	48-8M0002637	48-8M0002638
18	27	48-8M0002279	48-8M0002280
17.75	27	48-8M0002309	48-8M0002310
17.50	27	48-8M0002339	48-8M0002340
17.25	27	48-8M0002369	48-8M0002370
17	27	48-8M0002399	48-8M0002400
16.75	27	48-8M0002429	48-8M0002430
16.50	27	48-8M0002459	48-8M0002460
16.25	27	48-8M0002489	48-8M0002490
16	27	48-8M0002519	48-8M0002520
15.75	27	48-8M0002549	48-8M0002550
15.50	27	48-8M0002579	48-8M0002580
15.25	27	48-8M0002609	48-8M0002610
15	27	48-8M0002639	48-8M0002640
18	28	48-8M0002281	48-8M0002282
17.75	28	48-8M0002311	48-8M0002312
17.50	28	48-8M0002341	48-8M0002342
17.25	28	48-8M0002371	48-8M0002372
17	28	48-8M0002401	48-8M0002402
16.75	28	48-8M0002431	48-8M0002432
16.50	28	48-8M0002461	48-8M0002462
16.25	28	48-8M0002491	48-8M0002492
16	28	48-8M0002521	48-8M0002522
15.75	28	48-8M0002551	48-8M0002552
15.50	28	48-8M0002581	48-8M0002582
15.25	28	48-8M0002611	48-8M0002612
15	28	48-8M0002641	48-8M0002642
18	29	48-8M0002283	48-8M0002284
17.75	29	48-8M0002313	48-8M0002314
17.50	29	48-8M0002343	48-8M0002344
17.25	29	48-8M0002373	48-8M0002374
17	29	48-8M0002403	48-8M0002404
16.75	29	48-8M0002433	48-8M0002434
16.50	29	48-8M0002463	48-8M0002464
16.25	29	48-8M0002493	48-8M0002494
16	29	48-8M0002523	48-8M0002524
15.75	29	48-8M0002553	48-8M0002554
15.50	29	48-8M0002583	48-8M0002584
15.25	29	48-8M0002613	48-8M0002614
15	29	48-8M0002643	48-8M0002644
18	30	48-8M0002285	48-8M0002286
17.75	30	48-8M0002315	48-8M0002316
17.50	30	48-8M0002345	48-8M0002346
17.25	30	48-8M0002375	48-8M0002376
17	30	48-8M0002405	48-8M0002406
16.75	30	48-8M0002435	48-8M0002436
16.50	30	48-8M0002465	48-8M0002466
16.25	30	48-8M0002495	48-8M0002496
16	30	48-8M0002525	48-8M0002526
15.75	30	48-8M0002555	48-8M0002556
15.50	30	48-8M0002585	48-8M0002586
15.25	30	48-8M0002615	48-8M0002616
15	30	48-8M0002645	48-8M0002646

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	31	48-8M0002287	48-8M0002288
17.75	31	48-8M0002317	48-8M0002318
17.50	31	48-8M0002347	48-8M0002348
17.25	31	48-8M0002377	48-8M0002378
17	31	48-8M0002407	48-8M0002408
16.75	31	48-8M0002437	48-8M0002438
16.50	31	48-8M0002467	48-8M0002468
16.25	31	48-8M0002497	48-8M0002498
16	31	48-8M0002527	48-8M0002528
15.75	31	48-8M0002557	48-8M0002558
15.50	31	48-8M0002587	48-8M0002588
15.25	31	48-8M0002617	48-8M0002618
15	31	48-8M0002647	48-8M0002648
18	32	48-8M0002289	48-8M0002290
17.75	32	48-8M0002319	48-8M0002320
17.50	32	48-8M0002349	48-8M0002350
17.25	32	48-8M0002379	48-8M0002380
17	32	48-8M0002409	48-8M0002410
16.75	32	48-8M0002439	48-8M0002440
16.50	32	48-8M0002469	48-8M0002470
16.25	32	48-8M0002499	48-8M0002500
16	32	48-8M0002529	48-8M0002530
15.75	32	48-8M0002559	48-8M0002560
15.50	32	48-8M0002589	48-8M0002590
15.25	32	48-8M0002619	48-8M0002620
15	32	48-8M0002649	48-8M0002650
18	33	48-8M0003461	48-8M0003462
17.75	33	48-8M0002321	48-8M0002322
17.50	33	48-8M0002351	48-8M0002352
17.25	33	48-8M0002381	48-8M0002382
17	33	48-8M0002411	48-8M0002412
16.75	33	48-8M0002441	48-8M0002442
16.50	33	48-8M0002471	48-8M0002472
16.25	33	48-8M0002501	48-8M0002502
16	33	48-8M0002531	48-8M0002532
15.75	33	48-8M0002561	48-8M0002562
15.50	33	48-8M0002591	48-8M0002592
15.25	33	48-8M0002621	48-8M0002622
15	33	48-8M0002651	48-8M0002652
18	34	48-8M0002293	48-8M0002294
17.75	34	48-8M0002323	48-8M0002324
17.50	34	48-8M0002353	48-8M0002354
17.25	34	48-8M0002383	48-8M0002384
17	34	48-8M0002413	48-8M0002414
16.75	34	48-8M0002443	48-8M0002444
16.50	34	48-8M0002473	48-8M0002474
16.25	34	48-8M0002503	48-8M0002504
16	34	48-8M0002533	48-8M0002534
15.75	34	48-8M0002563	48-8M0002564
15.50	34	48-8M0002593	48-8M0002594
15.25	34	48-8M0002623	48-8M0002624
15	34	48-8M0002653	48-8M0002654
18	35	48-8M0002295	48-8M0002296
17.75	35	48-8M0002325	48-8M0002326
17.50	35	48-8M0002355	48-8M0002356
17.25	35	48-8M0002385	48-8M0002386

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
17	35	48-8M0002415	48-8M0002416
16.75	35	48-8M0002445	48-8M0002446
16.50	35	48-8M0002475	48-8M0002476
16.25	35	48-8M0002505	48-8M0002506
16	35	48-8M0002535	48-8M0002536
15.75	35	48-8M0002565	48-8M0002566
15.50	35	48-8M0002595	48-8M0002596
15.25	35	48-8M0002625	48-8M0002626
15	35	48-8M0002655	48-8M0002656
18	36	48-8M0002297	48-8M0002298
17.75	36	48-8M0002327	48-8M0002328
17.50	36	48-8M0002357	48-8M0002358
17.25	36	48-8M0002387	48-8M0002388
17	36	48-8M0002417	48-8M0002418
16.75	36	48-8M0002447	48-8M0002448
16.50	36	48-8M0002477	48-8M0002478
16.25	36	48-8M0002507	48-8M0002508
16	36	48-8M0002537	48-8M0002538
15.75	36	48-8M0002567	48-8M0002568
15.50	36	48-8M0002597	48-8M0002598
15.25	36	48-8M0002627	48-8M0002628
15	36	48-8M0002657	48-8M0002658
18	37	48-8M0002299	48-8M0002300
17.75	37	48-8M0002329	48-8M0002330
17.50	37	48-8M0002359	48-8M0002360
17.25	37	48-8M0002389	48-8M0002390
17	37	48-8M0002419	48-8M0002420
16.75	37	48-8M0002449	48-8M0002450
16.50	37	48-8M0002479	48-8M0002480
16.25	37	48-8M0002509	48-8M0002510
16	37	48-8M0002539	48-8M0002540
15.75	37	48-8M0002569	48-8M0002570
15.50	37	48-8M0002599	48-8M0002600
15.25	37	48-8M0002629	48-8M0002630
15	37	48-8M0002659	48-8M0002660
18	38	48-8M0002301	48-8M0002302
17.75	38	48-8M0002331	48-8M0002332
17.50	38	48-8M0002361	48-8M0002362
17.25	38	48-8M0002391	48-8M0002392
17	38	48-8M0002421	48-8M0002422
16.75	38	48-8M0002451	48-8M0002452
16.50	38	48-8M0002481	48-8M0002482
16.25	38	48-8M0002511	48-8M0002512
16	38	48-8M0002541	48-8M0002542
15.75	38	48-8M0002571	48-8M0002572
15.50	38	48-8M0002601	48-8M0002602
15.25	38	48-8M0002631	48-8M0002632
15	38	48-8M0002661	48-8M0002662
18	39	48-8M0002303	48-8M0002304
17.75	39	48-8M0002333	48-8M0002334
17.50	39	48-8M0002363	48-8M0002364
17.25	39	48-8M0002393	48-8M0002394
17	39	48-8M0002423	48-8M0002424
16.75	39	48-8M0002453	48-8M0002454
16.50	39	48-8M0002483	48-8M0002484
16.25	39	48-8M0002513	48-8M0002514

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
16	39	48-8M0002543	48-8M0002544
15.75	39	48-8M0002573	48-8M0002574
15.50	39	48-8M0002603	48-8M0002604
15.25	39	48-8M0002633	48-8M0002634
15	39	48-8M0002663	48-8M0002664
18	40	48-8M0002305	48-8M0002306
17.75	40	48-8M0002335	48-8M0002336
17.50	40	48-8M0002365	48-8M0002366
17.25	40	48-8M0002395	48-8M0002396
17	40	48-8M0002425	48-8M0002426
16.75	40	48-8M0002455	48-8M0002456
16.50	40	48-8M0002485	48-8M0002486
16.25	40	48-8M0002515	48-8M0002516
15	40	48-8M0002545	48-8M0002546
15.75	40	48-8M0002575	48-8M0002576
15.50	40	48-8M0002605	48-8M0002606
15.25	40	48-8M0002635	48-8M0002636
15	40	48-8M0002665	48-8M0002666

CNC Cleaver, Heat Treated SS 5 Blade, 15 Degree Rake - 1100 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8, Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
17.50	34	48-8M0106641	48-8M0106640
17.50	35	48-8M0106643	48-8M0049142
17.50	36	48-8M0109491	48-8M0109490
17.50	37	48-8M0112363	48-8M0112362

CNC Cleaver, Heat Treated SS 5 Blade, 15 Degree Rake - 900 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8. Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	26	48-8M0003447	48-8M0003448
17.75	26	48-8M0003449	48-8M0003450
17.50	26	48-8M0003507	48-8M0003508
17.25	26	48-8M0003537	48-8M0003538
17	26	48-8M0003567	48-8M0003568
16.75	26	48-8M0003597	48-8M0003598
16.50	26	48-8M0003627	48-8M0003628
16.25	26	48-8M0003657	48-8M0003658
16	26	48-8M0003687	48-8M0003688
15.75	26	48-8M0003717	48-8M0003718
15.50	26	48-8M0003747	48-8M0003748
15.25	26	48-8M0003777	48-8M0003778
15	26	48-8M0003807	48-8M0003808
18	27	48-8M0003449	48-8M0003450
17.75	27	48-8M0003479	48-8M0003480
17.50	27	48-8M0003507	48-8M0003508
17.25	27	48-8M0003539	48-8M0003538
17	27	48-8M0003569	48-8M0003570
16.75	27	48-8M0003599	48-8M0003600
16.50	27	48-8M0003629	48-8M0003630
16.25	27	48-8M0003659	48-8M0003660
16	27	48-8M0003687	48-8M0003688
15.75	27	48-8M0003719	48-8M0003720
15.50	27	48-8M0003749	48-8M0003750
15.25	27	48-8M0003779	48-8M0003780
15	27	48-8M0003809	48-8M0003810
18	28	48-8M0003451	48-8M0003452
17.75	28	48-8M0003481	48-8M0003482
17.50	28	48-8M0003511	48-8M0003512
17.25	28	48-8M0003541	48-8M0003542
17	28	48-8M0003571	48-8M0003572
16.75	28	48-8M0003601	48-8M0003602
16.50	28	48-8M0003631	48-8M0003632
16.25	28	48-8M0003661	48-8M0003662
16	28	48-8M0003691	48-8M0003692
15.75	28	48-8M0003721	48-8M0003722
15.50	28	48-8M0003751	48-8M0003752
15.25	28	48-8M0003781	48-8M0003782
15	28	48-8M0003811	48-8M0003812
18	29	48-8M0003453	48-8M0003454
17.75	29	48-8M0003483	48-8M0003484
17.50	29	48-8M0003513	48-8M0003514
17.25	29	48-8M0003543	48-8M0003544
17	29	48-8M0003573	48-8M0003574
16.75	29	48-8M0003603	48-8M0003604
16.50	29	48-8M0003633	48-8M0003634
16.25	29	48-8M0003663	48-8M0003664
16	29	48-8M0003693	48-8M0003694
15.75	29	48-8M0003723	48-8M0003724
15.50	29	48-8M0003753	48-8M0003754
15.25	29	48-8M0003783	48-8M0003784
15	29	48-8M0003813	48-8M0003814
18	30	48-8M0003455	48-8M0003456
17.75	30	48-8M0003485	48-8M0003486
17.50	30	48-8M0003515	48-8M0003516
17.25	30	48-8M0003545	48-8M0003546
17	30	48-8M0003575	48-8M0003576
16.75	30	48-8M0003605	48-8M0003606
16.50	30	48-8M0003635	48-8M0003636
16.25	30	48-8M0003665	48-8M0003666
16	30	48-8M0003695	48-8M0003696
15.75	30	48-8M0003725	48-8M0003726
15.50	30	48-8M0003755	48-8M0003756
15.25	30	48-8M0003785	48-8M0003786
15	30	48-8M0003815	48-8M0003816
18	31	48-8M0003457	48-8M0003458
17.75	31	48-8M0003487	48-8M0003488
17.50	31	48-8M0003517	48-8M0003518
17.25	31	48-8M0003547	48-8M0003548
17	31	48-8M0003577	48-8M0003578
16.75	31	48-8M0003607	48-8M0003608
16.50	31	48-8M0003637	48-8M0003638
16.25	31	48-8M0003667	48-8M0003668
16	31	48-8M0003697	48-8M0003698
15.75	31	48-8M0003727	48-8M0003728

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
15.50	31	48-8M0003757	48-8M0003758
15.25	31	48-8M0003787	48-8M0003788
15	31	48-8M0003817	48-8M0003818
18	32	48-8M0003459	48-8M0003460
17.75	32	48-8M0003489	48-8M0003490
17.50	32	48-8M0003519	48-8M0003520
17.25	32	48-8M0003549	48-8M0003550
17	32	48-8M0003579	48-8M0003580
16.75	32	48-8M0003609	48-8M0003610
16.50	32	48-8M0003639	48-8M0003640
16.25	32	48-8M0003669	48-8M0003670
16	32	48-8M0003699	48-8M0003700
15.75	32	48-8M0003729	48-8M0003730
15.50	32	48-8M0003759	48-8M0003760
15.25	32	48-8M0003789	48-8M0003790
15	32	48-8M0003819	48-8M0003820
18	33	48-8M0003461	48-8M0003462
17.75	33	48-8M0003491	48-8M0003492
17.50	33	48-8M0003521	48-8M0003522
17.25	33	48-8M0003551	48-8M0003552
17	33	48-8M0003581	48-8M0003582
16.75	33	48-8M0003611	48-8M0003612
16.50	33	48-8M0003641	48-8M0003642
16.25	33	48-8M0003671	48-8M0003672
16	33	48-8M0003701	48-8M0003702
15.75	33	48-8M0003731	48-8M0003732
15.50	33	48-8M0003761	48-8M0003762
15.25	33	48-8M0003791	48-8M0003792
15	33	48-8M0003821	48-8M0003822
18	34	48-8M0003463	48-8M0003464
17.75	34	48-8M0003493	48-8M0003494
17.50	34	48-8M0003523	48-8M0003524
17.25	34	48-8M0003553	48-8M0003554
17	34	48-8M0003583	48-8M0003584
16.75	34	48-8M0003613	48-8M0003614
16.50	34	48-8M0003643	48-8M0003644
16.25	34	48-8M0003673	48-8M0003674
16	34	48-8M0003703	48-8M0003704
15.75	34	48-8M0003733	48-8M0003734
15.50	34	48-8M0003763	48-8M0003764
15.25	34	48-8M0003793	48-8M0003794
15	34	48-8M0003823	48-8M0003824
18	35	48-8M0003465	48-8M0003466
17.75	35	48-8M0003495	48-8M0003496
17.50	35	48-8M0003525	48-8M0003526
17.25	35	48-8M0003555	48-8M0003556
17	35	48-8M0003585	48-8M0003586
16.75	35	48-8M0003615	48-8M0003616
16.50	35	48-8M0003645	48-8M0003646
16.25	35	48-8M0003675	48-8M0003676
16	35	48-8M0003705	48-8M0003706
15.75	35	48-8M0003835	48-8M0003836
15.50	35	48-8M0003765	48-8M0003766
15.25	35	48-8M0003795	48-8M0003796
15	35	48-8M0003825	48-8M0003826
18	36	48-8M0003467	48-8M0003468

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
17.75	36	48-8M0003497	48-8M0003498
17.50	36	48-8M0003527	48-8M0003528
17.25	36	48-8M0003557	48-8M0003558
17	36	48-8M0003587	48-8M0003588
16.75	36	48-8M0003617	48-8M0003618
16.50	36	48-8M0003647	48-8M0003648
16.25	36	48-8M0003677	48-8M0003678
16	36	48-8M0003707	48-8M0003708
15.75	36	48-8M0003737	48-8M0003738
15.50	36	48-8M0003767	48-8M0003768
15.25	36	48-8M0003797	48-8M0003798
15	36	48-8M0003827	48-8M0003828
18	37	48-8M0003469	48-8M0003470
17.75	37	48-8M0003499	48-8M0003500
17.50	37	48-8M0003529	48-8M0003530
17.25	37	48-8M0003559	48-8M0003560
17	37	48-8M0003589	48-8M0003590
16.75	37	48-8M0003619	48-8M0003620
16.50	37	48-8M0003649	48-8M0003650
16.25	37	48-8M0003679	48-8M0003680
16	37	48-8M0003709	48-8M0003710
15.75	37	48-8M0003739	48-8M0003740
15.50	37	48-8M0003769	48-8M0003770
15.25	37	48-8M0003799	48-8M0003800
15	37	48-8M0003829	48-8M0003830
18	38	48-8M0003471	48-8M0003472
17.75	38	48-8M0003501	48-8M0003502
17.50	38	48-8M0003531	48-8M0003532
17.25	38	48-8M0003561	48-8M0003562
17	38	48-8M0003591	48-8M0003592
16.75	38	48-8M0003621	48-8M0003622
16.50	38	48-8M0003651	48-8M0003652
16.25	38	48-8M0003681	48-8M0003682
16	38	48-8M0003711	48-8M0003712
15.75	38	48-8M0003741	48-8M0003742
15.50	38	48-8M0003771	48-8M0003772
15.25	38	48-8M0003801	48-8M0003802
15	38	48-8M0003831	48-8M0003832
18	39	48-8M0003473	48-8M0003474
17.75	39	48-8M0003503	48-8M0003504
17.50	39	48-8M0003533	48-8M0003534
17.25	39	48-8M0003563	48-8M0003564
17	39	48-8M0003593	48-8M0003594
16.75	39	48-8M0003623	48-8M0003624
16.50	39	48-8M0003653	48-8M0003654
16.25	39	48-8M0003683	48-8M0003684
16	39	48-8M0003713	48-8M0003714
15.75	39	48-8M0003743	48-8M0003744
15.50	39	48-8M0003773	48-8M0003774
15.25	39	48-8M0003803	48-8M0003804
15	39	48-8M0003835	48-8M0003836
18	40	48-8M0003475	48-8M0003476
17.75	40	48-8M0003505	48-8M0003506
17.50	40	48-8M0003535	48-8M0003536
17.25	40	48-8M0003565	48-8M0003566
17	40	48-8M0003595	48-8M0003596

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
16.75	40	48-8M0003625	48-8M0003626
16.50	40	48-8M0003655	48-8M0003656
16.25	40	48-8M0003685	48-8M0003686
15	40	48-8M0003715	48-8M0003716
15.75	40	48-8M0003745	48-8M0003746
15.50	40	48-8M0003775	48-8M0003776
15.25	40	48-8M0003805	48-8M0003806
15	40	48-8M0003835	48-8M0003836

CNC Cleaver, Heat Treated SS 5 Blade, 15 Degree Rake - 700 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8, Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
17	34	48-8M0104253	48-8M0104252
17	35	48-8M0109501	48-8M0109500

CNC Cleaver, Heat Treated SS 5 Blade, 15 Degree Rake - 600 HP

IIIA, IV, V, VI, VII SSM, NXT1. Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
14.75	25	48-8M0071911	
14.5	25	48-8M0065413	
18	26	48-8M0004617	48-8M0004618
17.75	26	48-8M0004647	48-8M0004648
17.50	26	48-8M0004677	48-8M0004678
17.25	26	48-8M0004707	48-8M0004708
17	26	48-8M0004737	48-8M0004738
16.75	26	48-8M0004767	48-8M0004768
16.50	26	48-8M0004797	48-8M0004798
16.25	26	48-8M0004827	48-8M0004828
16	26	48-8M0004857	48-8M0004858
15.75	26	48-8M0004887	48-8M0004888
15.50	26	48-8M0004917	48-8M0004918
15.25	26	48-8M0004947	48-8M0004948
15	26	48-8M0004977	48-8M0004978
14.75	26	48-8M0063206	
14.5	26	48-8M0065293	48-8M0065294
18	27	48-8M0004619	48-8M0004620
17.75	27	48-8M0004649	48-8M0004650
17.50	27	48-8M0004679	48-8M0004680
17.25	27	48-8M0004709	48-8M0004710
17	27	48-8M0004739	48-8M0004740
16.75	27	48-8M0004769	48-8M0004770
16.50	27	48-8M0004799	48-8M0004800
16.25	27	48-8M0004829	48-8M0004830
16	27	48-8M0004859	48-8M0004860
15.75	27	48-8M0004889	48-8M0004890
15.50	27	48-8M0004919	48-8M0004920
15.25	27	48-8M0004949	48-8M0004950
15	27	48-8M0004979	48-8M0004980
14.5	27	48-8M0065295	48-8M0065296

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	28	48-8M0004621	48-8M0004622
17.75	28	48-8M0004651	48-8M0004652
17.50	28	48-8M0004681	48-8M0004682
17.25	28	48-8M0004711	48-8M0004712
17	28	48-8M0004741	48-8M0004742
16.75	28	48-8M0004771	48-8M0004772
16.50	28	48-8M0004801	48-8M0004802
16.25	28	48-8M0004831	48-8M0004832
16	28	48-8M0004861	48-8M0004862
15.75	28	48-8M0004891	48-8M0004892
15.50	28	48-8M0004921	48-8M0004922
15.25	28	48-8M0004951	48-8M0004952
15	28	48-8M0004981	48-8M0004982
14.5	28	48-8M0075897	48-8M0075896
18	29	48-8M0004623	48-8M0004624
17.75	29	48-8M0004653	48-8M0004654
17.50	29	48-8M0004683	48-8M0004684
17.25	29	48-8M0004713	48-8M0004714
17	29	48-8M0004743	48-8M0004744
16.75	29	48-8M0004773	48-8M0004774
16.50	29	48-8M0004803	48-8M0004804
16.25	29	48-8M0004833	48-8M0004834
16	29	48-8M0004863	48-8M0004864
15.75	29	48-8M0004893	48-8M0004894
15.50	29	48-8M0004923	48-8M0004924
15.25	29	48-8M0004953	48-8M0004954
15	29	48-8M0004983	48-8M0004984
18	30	48-8M0004625	48-8M0004626
17.75	30	48-8M0004655	48-8M0004656
17.50	30	48-8M0004685	48-8M0004686
17.25	30	48-8M0004715	48-8M0004716
17	30	48-8M0004745	48-8M0004746
16.75	30	48-8M0004775	48-8M0004776
16.50	30	48-8M0004805	48-8M0004806
16.25	30	48-8M0004835	48-8M0004836
16	30	48-8M0004865	48-8M0004866
15.75	30	48-8M0004895	48-8M0004896
15.50	30	48-8M0004925	48-8M0004926
15.25	30	48-8M0004955	48-8M0004956
15	30	48-8M0004985	48-8M0004986
18	31	48-8M0004627	48-8M0004628
17.75	31	48-8M0004657	48-8M0004658
17.50	31	48-8M0004687	48-8M0004688
17.25	31	48-8M0004717	48-8M0004718
17	31	48-8M0004747	48-8M0004748
16.75	31	48-8M0004777	48-8M0004778
16.50	31	48-8M0004807	48-8M0004808
16.25	31	48-8M0004837	48-8M0004838
16	31	48-8M0004867	48-8M0004868
15.75	31	48-8M0004897	48-8M0004898
15.50	31	48-8M0004927	48-8M0004928
15.25	31	48-8M0004957	48-8M0004958
15	31	48-8M0004987	48-8M0004988
18	32	48-8M0004629	48-8M0004630
17.75	32	48-8M0004659	48-8M0004660
17.50	32	48-8M0004689	48-8M0004690

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
17.25	32	48-8M0004719	48-8M0004720
17	32	48-8M0004749	48-8M0004750
16.75	32	48-8M0004779	48-8M0004780
16.50	32	48-8M0004809	48-8M0004810
16.25	32	48-8M0004839	48-8M0004840
16	32	48-8M0004869	48-8M0004870
15.75	32	48-8M0004899	48-8M0004900
15.50	32	48-8M0004929	48-8M0004930
15.25	32	48-8M0004959	48-8M0004960
15	32	48-8M0004989	48-8M0004990
18	33	48-8M0004631	48-8M0004632
17.75	33	48-8M0004661	48-8M0004662
17.50	33	48-8M0004691	48-8M0004692
17.25	33	48-8M0004721	48-8M0004722
17	33	48-8M0004751	48-8M0004752
16.75	33	48-8M0004781	48-8M0004782
16.50	33	48-8M0004811	48-8M0004812
16.25	33	48-8M0004841	48-8M0004842
16	33	48-8M0004871	48-8M0004872
15.75	33	48-8M0004901	48-8M0004902
15.50	33	48-8M0004931	48-8M0004932
15.25	33	48-8M0004961	48-8M0004962
15	33	48-8M0004991	48-8M0004992
18	34	48-8M0004633	48-8M0004634
17.75	34	48-8M0004663	48-8M0004664
17.50	34	48-8M0004693	48-8M0004694
17.25	34	48-8M0004723	48-8M0004724
17	34	48-8M0004753	48-8M0004754
16.75	34	48-8M0004783	48-8M0004784
16.50	34	48-8M0004813	48-8M0004814
16.25	34	48-8M0004843	48-8M0004844
16	34	48-8M0004873	48-8M0004874
15.75	34	48-8M0004903	48-8M0004904
15.50	34	48-8M0004933	48-8M0004934
15.25	34	48-8M0004963	48-8M0004964
15	34	48-8M0004993	48-8M0004994
18	35	48-8M0004635	48-8M0004636
17.75	35	48-8M0004665	48-8M0004666
17.50	35	48-8M0004695	48-8M0004696
17.25	35	48-8M0004725	48-8M0004726
17	35	48-8M0004755	48-8M0004756
16.75	35	48-8M0004785	48-8M0004786
16.50	35	48-8M0004815	48-8M0004816
16.25	35	48-8M0004845	48-8M0004846
16	35	48-8M0004875	48-8M0004876
15.75	35	48-8M0004905	48-8M0004906
15.50	35	48-8M0004935	48-8M0004936
15.25	35	48-8M0004965	48-8M0004966
15	35	48-8M0004995	48-8M0004996
18	36	48-8M0004637	48-8M0004638
17.75	36	48-8M0004667	48-8M0004668
17.50	36	48-8M0004697	48-8M0004698
17.25	36	48-8M0004727	48-8M0004728
17	36	48-8M0004757	48-8M0004758
16.75	36	48-8M0004787	48-8M0004788
16.50	36	48-8M0004817	48-8M0004818

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
16.25	36	48-8M0004847	48-8M0004848
16	36	48-8M0004877	48-8M0004878
15.75	36	48-8M0004907	48-8M0004908
15.50	36	48-8M0004937	48-8M0004938
15.25	36	48-8M0004967	48-8M0004968
15	36	48-8M0004997	48-8M0004998
18	37	48-8M0004639	48-8M0004640
17.75	37	48-8M0004669	48-8M0004670
17.50	37	48-8M0004701	48-8M0004702
17.25	37	48-8M0004731	48-8M0004732
17	37	48-8M0004761	48-8M0004762
16.75	37	48-8M0004791	48-8M0004792
16.50	37	48-8M0004821	48-8M0004822
16.25	37	48-8M0004849	48-8M0004850
16	37	48-8M0004879	48-8M0004880
15.75	37	48-8M0004909	48-8M0004910
15.50	37	48-8M0004939	48-8M0004940
15.25	37	48-8M0004971	48-8M0004972
15	37	48-8M0004999	48-8M0005000
18	38	48-8M0004641	48-8M0004642
17.75	38	48-8M0004671	48-8M0004672
17.50	38	48-8M0004701	48-8M0004702
17.25	38	48-8M0004731	48-8M0004732
17	38	48-8M0004761	48-8M0004762
16.75	38	48-8M0004791	48-8M0004792
16.50	38	48-8M0004821	48-8M0004822
16.25	38	48-8M0004851	48-8M0004852
16	38	48-8M0004881	48-8M0004882
15.75	38	48-8M0004911	48-8M0004912
15.50	38	48-8M0004941	48-8M0004942
15.25	38	48-8M0004971	48-8M0004972
15	38	48-8M0005001	48-8M0005002
18	39	48-8M0004643	48-8M0004644
17.75	39	48-8M0004673	48-8M0004674
17.50	39	48-8M0004703	48-8M0004704
17.25	39	48-8M0004733	48-8M0004734
17	39	48-8M0004763	48-8M0004764
16.75	39	48-8M0004793	48-8M0004794
16.50	39	48-8M0004823	48-8M0004824
16.25	39	48-8M0004853	48-8M0004854
16	39	48-8M0004883	48-8M0004884
15.75	39	48-8M0004913	48-8M0004914
15.50	39	48-8M0004943	48-8M0004944
15.25	39	48-8M0004973	48-8M0004974
15	39	48-8M0005003	48-8M0005004
18	40	48-8M0004645	48-8M0004646
17.75	40	48-8M0004675	48-8M0004676
17.50	40	48-8M0004705	48-8M0004706
17.25	40	48-8M0004735	48-8M0004736
17	40	48-8M0004765	48-8M0004766
16.75	40	48-8M0004795	48-8M0004796
16.50	40	48-8M0004825	48-8M0004826
16.25	40	48-8M0004855	48-8M0004856
15	40	48-8M0004885	48-8M0004886
15.75	40	48-8M0004915	48-8M0004916
15.50	40	48-8M0004945	48-8M0004946

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
15.25	40	48-8M0004975	48-8M0004976
15	40	48-8M0005005	48-8M0005006

CNC CLEAVER 5 BLADE 18 DEGREE RAKE POLISHED LAB FINISHED STERNDRIVE PROPELLER



CNC Cleaver, Heat Treated SS 5 Blade, 18 Degree Rake - 1550 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	30	48-8M0049333	48-8M0049334
17.75	30	48-8M0049355	48-8M0049356
17.5	30	48-8M0049377	48-8M0049378
17.25	30	48-8M0049399	48-8M0049400
17	30	48-8M0049421	48-8M0049422
16.75	30	48-8M0049443	48-8M0049444
16.5	30	48-8M0049465	48-8M0049466
16.25	30	48-8M0049487	48-8M0049488
16	30	48-8M0049509	48-8M0049510
18	31	48-8M0049335	48-8M0049336
17.75	31	48-8M0049357	48-8M0049358
17.5	31	48-8M0049379	48-8M0049380
17.25	31	48-8M0049401	48-8M0049402
17	31	48-8M0049423	48-8M0049424
16.75	31	48-8M0049445	48-8M0049446
16.5	31	48-8M0049467	48-8M0049468
16.25	31	48-8M0049489	48-8M0049490
16	31	48-8M0049511	48-8M0049512
18	32	48-8M0049337	48-8M0049338
17.75	32	48-8M0049359	48-8M0049360
17.5	32	48-8M0049381	48-8M0049382
17.25	32	48-8M0049403	48-8M0049404
17	32	48-8M0049425	48-8M0049426
16.75	32	48-8M0049447	48-8M0049448
16.5	32	48-8M0049469	48-8M0049470
16.25	32	48-8M0049491	48-8M0049492
16	32	48-8M0049513	48-8M0049514
18	33	48-8M0049339	48-8M0049340
17.75	33	48-8M0049361	48-8M0049362
17.5	33	48-8M0049383	48-8M0049384
17.25	33	48-8M0049405	48-8M0049406
17	33	48-8M0049427	48-8M0049428
16.75	33	48-8M0049449	48-8M0049450
16.5	33	48-8M0049471	48-8M0049472
16.25	33	48-8M0049493	48-8M0049494
16	33	48-8M0049515	48-8M0049516
18	34	48-8M0049341	48-8M0049342
17.75	34	48-8M0049363	48-8M0049364
17.5	34	48-8M0049385	48-8M0049386
17.25	34	48-8M0049407	48-8M0049408
17	34	48-8M0049429	48-8M0049430
16.75	34	48-8M0049451	48-8M0049452
16.5	34	48-8M0049473	48-8M0049474
16.25	34	48-8M0049495	48-8M0049496
16	34	48-8M0049517	48-8M0049518
18	35	48-8M0049343	48-8M0049344
17.75	35	48-8M0049365	48-8M0049366
17.5	35	48-8M0049387	48-8M0049388
17.25	35	48-8M0049409	48-8M0049410
17	35	48-8M0049431	48-8M0049432
16.75	35	48-8M0049453	48-8M0049454
16.5	35	48-8M0049475	48-8M0049476
16.25	35	48-8M0049497	48-8M0049498
16	35	48-8M0049519	48-8M0049520
18	36	48-8M0049345	48-8M0049346
17.75	36	48-8M0049367	48-8M0049368
17.5	36	48-8M0049389	48-8M0049390
17.25	36	48-8M0049411	48-8M0049412
17	36	48-8M0049433	48-8M0049434
16.75	36	48-8M0049455	48-8M0049456
16.5	36	48-8M0049477	48-8M0049478
16.25	36	48-8M0049499	48-8M0049500
16	36	48-8M0049521	48-8M0049522
18	37	48-8M0049347	48-8M0049348
17.75	37	48-8M0049369	48-8M0049370
17.5	37	48-8M0049391	48-8M0049392
17.25	37	48-8M0049413	48-8M0049414
17	37	48-8M0049435	48-8M0049436
16.75	37	48-8M0049457	48-8M0049458
16.5	37	48-8M0049479	48-8M0049480
16.25	37	48-8M0049501	48-8M0049502
16	37	48-8M0049523	48-8M0049524
18	38	48-8M0049349	48-8M0049350
17.75	38	48-8M0049371	48-8M0049372
17.5	38	48-8M0049393	48-8M0049394
17.25	38	48-8M0049415	48-8M0049416
17	38	48-8M0049437	48-8M0049438
16.75	38	48-8M0049459	48-8M0049460
16.5	38	48-8M0049481	48-8M0049482
16.25	38	48-8M0049503	48-8M0049504
16	38	48-8M0049525	48-8M0049526
18	39	48-8M0049351	48-8M0049352
17.75	39	48-8M0049373	48-8M0049374
17.5	39	48-8M0049395	48-8M0049396
17.25	39	48-8M0049417	48-8M0049418
17	39	48-8M0049439	48-8M0049440
16.75	39	48-8M0049461	48-8M0049462
16.5	39	48-8M0049483	48-8M0049484
16.25	39	48-8M0049505	48-8M0049506

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
16	39	48-8M0049527	48-8M0049528
18	40	48-8M0049353	48-8M0049354
17.75	40	48-8M0049375	48-8M0049376
17.5	40	48-8M0049397	48-8M0049398
17.25	40	48-8M0049419	48-8M0049420
17	40	48-8M0049441	48-8M0049442
16.75	40	48-8M0049463	48-8M0049464
16.5	40	48-8M0049485	48-8M0049486
16.25	40	48-8M0049507	48-8M0049508
16	40	48-8M0049529	48-8M0049530

CNC Cleaver, Heat Treated SS 5 Blade, 18 Degree Rake – 1350 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	34	48-8M0106505	48-8M0106504
16.5	37	48-8M0093361	48-8M0093360
17	38	48-8M0059069	48-8M0059068
16.5	38	48-8M0109051	48-8M0109052
17.5	39	48-8M0101559	48-8M0101560
17	39	48-8M0102349	48-8M0102348
16.75	39	48-8M0107949	48-8M0107948
17	40	48-8M0059071	48-8M0059070
17	41	48-8M0029395	48-8M0029396
16.50	42	48-8M0104717	48-8M0104716

CNC Cleaver, Heat Treated SS 5 Blade, 18 Degree Rake – 1200 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	30	48-8M0013507	48-8M0013508
17.75	30	48-8M0013537	48-8M0013538
17.5	30	48-8M0013567	48-8M0013568
17.25	30	48-8M0013597	48-8M0013598
17	30	48-8M0013627	48-8M0013628
16.75	30	48-8M0013657	48-8M0013658
16.5	30	48-8M0013687	48-8M0013688
16.25	30	48-8M0013717	48-8M0013718
16	30	48-8M0013747	48-8M0013748
15.75	30	48-8M0013777	48-8M0013778
15.5	30	48-8M0013807	48-8M0013808
15.25	30	48-8M0013837	48-8M0013838
15	30	48-8M0013867	48-8M0013868
18	31	48-8M0013509	48-8M0013510
17.75	31	48-8M0013539	48-8M0013540
17.5	31	48-8M0013569	48-8M0013570
17.25	31	48-8M0013599	48-8M0013600
17	31	48-8M0013629	48-8M0013630
16.75	31	48-8M0013659	48-8M0013660
16.5	31	48-8M0013689	48-8M0013690
16.25	31	48-8M0013719	48-8M0013720
16	31	48-8M0013749	48-8M0013750
15.75	31	48-8M0013779	48-8M0013780
15.5	31	48-8M0013809	48-8M0013810
15.25	31	48-8M0013839	48-8M0013840
15	31	48-8M0013869	48-8M0013870
18	32	48-8M0013511	48-8M0013512
17.75	32	48-8M0013541	48-8M0013542
17.5	32	48-8M0013571	48-8M0013572
17.25	32	48-8M0013601	48-8M0013602
17	32	48-8M0013631	48-8M0013632
16.75	32	48-8M0013661	48-8M0013662
16.5	32	48-8M0013691	48-8M0013692
16.25	32	48-8M0013721	48-8M0013722
16	32	48-8M0013751	48-8M0013752
15.75	32	48-8M0013781	48-8M0013782
15.5	32	48-8M0013811	48-8M0013812
15.25	32	48-8M0013841	48-8M0013842
15	32	48-8M0013871	48-8M0013872
18	33	48-8M0013513	48-8M0013514
17.75	33	48-8M0013543	48-8M0013544
17.5	33	48-8M0013573	48-8M0013574
17.25	33	48-8M0013603	48-8M0013604
17	33	48-8M0013633	48-8M0013634
16.75	33	48-8M0013663	48-8M0013664
16.5	33	48-8M0013693	48-8M0013694
16.25	33	48-8M0013723	48-8M0013724
16	33	48-8M0013753	48-8M0013754
15.75	33	48-8M0013783	48-8M0013784
15.5	33	48-8M0013813	48-8M0013814
15.25	33	48-8M0013843	48-8M0013844
15	33	48-8M0013873	48-8M0013874
18	34	48-8M0013515	48-8M0013516
17.75	34	48-8M0013545	48-8M0013546
17.5	34	48-8M0013575	48-8M0013576
17.25	34	48-8M0013605	48-8M0013606
17	34	48-8M0013635	48-8M0013636
16.75	34	48-8M0013665	48-8M0013666
16.5	34	48-8M0013695	48-8M0013696
16.25	34	48-8M0013725	48-8M0013726
16	34	48-8M0013755	48-8M0013756
15.75	34	48-8M0013785	48-8M0013786
15.5	34	48-8M0013815	48-8M0013816
15.25	34	48-8M0013845	48-8M0013846
15	34	48-8M0013875	48-8M0013876
18	35	48-8M0013517	48-8M0013518
17.75	35	48-8M0013547	48-8M0013548
17.5	35	48-8M0013577	48-8M0013578
17.25	35	48-8M0013607	48-8M0013608
17	35	48-8M0013637	48-8M0013638
16.75	35	48-8M0013667	48-8M0013668
16.5	35	48-8M0013697	48-8M0013698
16.25	35	48-8M0013727	48-8M0013728
16	35	48-8M0013757	48-8M0013758
15.75	35	48-8M0013787	48-8M0013788
15.5	35	48-8M0013817	48-8M0013818
15.25	35	48-8M0013847	48-8M0013848

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
15	35	48-8M0013877	48-8M0013878
18	36	48-8M0013519	48-8M0013520
17.75	36	48-8M0013549	48-8M0013550
17.5	36	48-8M0013579	48-8M0013580
17.25	36	48-8M0013609	48-8M0013610
17	36	48-8M0013639	48-8M0013640
16.75	36	48-8M0013669	48-8M0013670
16.5	36	48-8M0013699	48-8M0013700
16.25	36	48-8M0013729	48-8M0013730
16	36	48-8M0013759	48-8M0013760
15.75	36	48-8M0013789	48-8M0013790
15.5	36	48-8M0013819	48-8M0013820
15.25	36	48-8M0013849	48-8M0013850
15	36	48-8M0013879	48-8M0013880
18	37	48-8M0013521	48-8M0013522
17.75	37	48-8M0013551	48-8M0013552
17.5	37	48-8M0013581	48-8M0013582
17.25	37	48-8M0013611	48-8M0013612
17	37	48-8M0013641	48-8M0013642
16.75	37	48-8M0013671	48-8M0013672
16.5	37	48-8M0013701	48-8M0013702
16.25	37	48-8M0013731	48-8M0013732
16	37	48-8M0013761	48-8M0013762
15.75	37	48-8M0013791	48-8M0013792
15.5	37	48-8M0013821	48-8M0013822
15.25	37	48-8M0013851	48-8M0013852
15	37	48-8M0013881	48-8M0013882
18	38	48-8M0013523	48-8M0013524
17.75	38	48-8M0013553	48-8M0013554
17.5	38	48-8M0013583	48-8M0013584
17.25	38	48-8M0013613	48-8M0013614
17	38	48-8M0013643	48-8M0013644
16.75	38	48-8M0013673	48-8M0013674
16.5	38	48-8M0013703	48-8M0013704
16.25	38	48-8M0013733	48-8M0013734
16	38	48-8M0013763	48-8M0013764
15.75	38	48-8M0013793	48-8M0013794
15.5	38	48-8M0013823	48-8M0013824
15.25	38	48-8M0013853	48-8M0013854
15	38	48-8M0013883	48-8M0013884
18	39	48-8M0013525	48-8M0013526
17.75	39	48-8M0013555	48-8M0013556
17.5	39	48-8M0013585	48-8M0013586
17.25	39	48-8M0013615	48-8M0013616
17	39	48-8M0013645	48-8M0013646
16.75	39	48-8M0013675	48-8M0013676
16.5	39	48-8M0013705	48-8M0013706
16.25	39	48-8M0013735	48-8M0013736
16	39	48-8M0013765	48-8M0013766
15.75	39	48-8M0013795	48-8M0013796
15.5	39	48-8M0013825	48-8M0013826
15.25	39	48-8M0013855	48-8M0013856
15	39	48-8M0013885	48-8M0013886
18	40	48-8M0013527	48-8M0013528
17.75	40	48-8M0013557	48-8M0013558
17.5	40	48-8M0013587	48-8M0013588
17.25	40	48-8M0013617	48-8M0013618
17	40	48-8M0013647	48-8M0013648
16.75	40	48-8M0013677	48-8M0013678
16.5	40	48-8M0013707	48-8M0013708
16.25	40	48-8M0013737	48-8M0013738
16	40	48-8M0013767	48-8M0013768
15.75	40	48-8M0013797	48-8M0013798
15.5	40	48-8M0013827	48-8M0013828
15.25	40	48-8M0013857	48-8M0013858
15	40	48-8M0013887	48-8M0013888

CNC Cleaver, Heat Treated SS 5 Blade, 18 Degree Rake - 1100 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
16.5	38	48-8M0099431	48-8M0099430
16.5	39	48-8M0112359	48-8M0112360
17	40	48-8M0085857	48-8M0085858
16.75	40	48-8M0108441	48-8M0108442
16.5	40	48-8M0092609	48-8M0092608
17	42	48-8M0083389	48-8M0083390

CNC Cleaver, Heat Treated 5 Blade, 18 Degree Rake - 900 HP

IIIA, IV, V, VI, VII SSM, NXT1
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	30	48-8M0014677	48-8M0014678
17.75	30	48-8M0014707	48-8M0014708
17.5	30	48-8M0014737	48-8M0014738
17.25	30	48-8M0014767	48-8M0014768
17	30	48-8M0014797	48-8M0014798
16.75	30	48-8M0014827	48-8M0014828
16.5	30	48-8M0014857	48-8M0014858
16.25	30	48-8M0014887	48-8M0014888
16	30	48-8M0014917	48-8M0014918
15.75	30	48-8M0014947	48-8M0014948
15.5	30	48-8M0014977	48-8M0014978
15.25	30	48-8M0015007	48-8M0015008
15	30	48-8M0015037	48-8M0015038
18	31	48-8M0014679	48-8M0014680
17.75	31	48-8M0014709	48-8M0014710
17.5	31	48-8M0014739	48-8M0014740
17.25	31	48-8M0014769	48-8M0014770
17	31	48-8M0014799	48-8M0014800
16.75	31	48-8M0014829	48-8M0014830
16.5	31	48-8M0014859	48-8M0014860
16.25	31	48-8M0014889	48-8M0014890
16	31	48-8M0014919	48-8M0014920
15.75	31	48-8M0014949	48-8M0014950
15.5	31	48-8M0014979	48-8M0014980
15.25	31	48-8M0015009	48-8M0015010
15	31	48-8M0015039	48-8M0015040
18	32	48-8M0014681	48-8M0014682

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
17.75	32	48-8M0014711	48-8M0014712
17.5	32	48-8M0014741	48-8M0014742
17.25	32	48-8M0014771	48-8M0014772
17	32	48-8M0014801	48-8M0014802
16.75	32	48-8M0014831	48-8M0014832
16.5	32	48-8M0014861	48-8M0014862
16.25	32	48-8M0014891	48-8M0014892
16	32	48-8M0014921	48-8M0014922
15.75	32	48-8M0014951	48-8M0014952
15.5	32	48-8M0014981	48-8M0014982
15.25	32	48-8M0015011	48-8M0015012
15	32	48-8M0015041	48-8M0015042
18	33	48-8M0014683	48-8M0014684
17.75	33	48-8M0014713	48-8M0014714
17.5	33	48-8M0014743	48-8M0014744
17.25	33	48-8M0014773	48-8M0014774
17	33	48-8M0014803	48-8M0014804
16.75	33	48-8M0014833	48-8M0014834
16.5	33	48-8M0014863	48-8M0014864
16.25	33	48-8M0014893	48-8M0014894
16	33	48-8M0014923	48-8M0014924
15.75	33	48-8M0014953	48-8M0014954
15.5	33	48-8M0014983	48-8M0014984
15.25	33	48-8M0015013	48-8M0015014
15	33	48-8M0015043	48-8M0015044
18	34	48-8M0014685	48-8M0014686
17.75	34	48-8M0014715	48-8M0014716
17.5	34	48-8M0014745	48-8M0014746
17.25	34	48-8M0014775	48-8M0014776
17	34	48-8M0014805	48-8M0014806
16.75	34	48-8M0014835	48-8M0014836
16.5	34	48-8M0014865	48-8M0014866
16.25	34	48-8M0014895	48-8M0014896
16	34	48-8M0014925	48-8M0014926
15.75	34	48-8M0014955	48-8M0014956
15.5	34	48-8M0014985	48-8M0014986
15.25	34	48-8M0015015	48-8M0015016
15	34	48-8M0015045	48-8M0015046
18	35	48-8M0014687	48-8M0014688
17.75	35	48-8M0014717	48-8M0014718
17.5	35	48-8M0014747	48-8M0014748
17.25	35	48-8M0014777	48-8M0014778
17	35	48-8M0014807	48-8M0014808
16.75	35	48-8M0014837	48-8M0014838
16.5	35	48-8M0014867	48-8M0014868
16.25	35	48-8M0014897	48-8M0014898
16	35	48-8M0014927	48-8M0014928
15.75	35	48-8M0014957	48-8M0014958
15.5	35	48-8M0014987	48-8M0014988
15.25	35	48-8M0015017	48-8M0015018
15	35	48-8M0015047	48-8M0015048
18	36	48-8M0014689	48-8M0014690
17.75	36	48-8M0014719	48-8M0014720
17.5	36	48-8M0014749	48-8M0014750
17.25	36	48-8M0014779	48-8M0014780
17	36	48-8M0014809	48-8M0014810

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
16.75	36	48-8M0014839	48-8M0014840
16.5	36	48-8M0014869	48-8M0014870
16.25	36	48-8M0014899	48-8M0014900
16	36	48-8M0014929	48-8M0014930
15.75	36	48-8M0014959	48-8M0014960
15.5	36	48-8M0014989	48-8M0014990
15.25	36	48-8M0015019	48-8M0015020
15	36	48-8M0015049	48-8M0015050
18	37	48-8M0014691	48-8M0014692
17.75	37	48-8M0014721	48-8M0014722
17.5	37	48-8M0014751	48-8M0014752
17.25	37	48-8M0014781	48-8M0014782
17	37	48-8M0014811	48-8M0014812
16.75	37	48-8M0014841	48-8M0014842
16.5	37	48-8M0014871	48-8M0014872
16.25	37	48-8M0014901	48-8M0014902
16	37	48-8M0014931	48-8M0014932
15.75	37	48-8M0014961	48-8M0014962
15.5	37	48-8M0014991	48-8M0014992
15.25	37	48-8M0015021	48-8M0015022
15	37	48-8M0015051	48-8M0015052
18	38	48-8M0014693	48-8M0014694
17.75	38	48-8M0014723	48-8M0014724
17.5	38	48-8M0014753	48-8M0014754
17.25	38	48-8M0014783	48-8M0014784
17	38	48-8M0014813	48-8M0014814
16.75	38	48-8M0014843	48-8M0014844
16.5	38	48-8M0014873	48-8M0014874
16.25	38	48-8M0014903	48-8M0014904
16	38	48-8M0014933	48-8M0014934
15.75	38	48-8M0014963	48-8M0014964
15.5	38	48-8M0014993	48-8M0014994
15.25	38	48-8M0015023	48-8M0015024
15	38	48-8M0015053	48-8M0015054
18	39	48-8M0014695	48-8M0014696
17.75	39	48-8M0014725	48-8M0014726
17.5	39	48-8M0014755	48-8M0014756
17.25	39	48-8M0014785	48-8M0014786
17	39	48-8M0014815	48-8M0014816
16.75	39	48-8M0014845	48-8M0014846
16.5	39	48-8M0014875	48-8M0014876
16.25	39	48-8M0014905	48-8M0014906
16	39	48-8M0014935	48-8M0014936
15.75	39	48-8M0014965	48-8M0014966
15.5	39	48-8M0014995	48-8M0014996
15.25	39	48-8M0015025	48-8M0015026
15	39	48-8M0015055	48-8M0015056
18	40	48-8M0014697	48-8M0014698
17.75	40	48-8M0014727	48-8M0014728
17.5	40	48-8M0014757	48-8M0014758
17.25	40	48-8M0014787	48-8M0014788
17	40	48-8M0014817	48-8M0014818
16.75	40	48-8M0014847	48-8M0014848
16.5	40	48-8M0014877	48-8M0014878
16.25	40	48-8M0014907	48-8M0014908
16	40	48-8M0014937	48-8M0014938

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
15.75	40	48-8M0014967	48-8M0014968
15.5	40	48-8M0014997	48-8M0014998
15.25	40	48-8M0015027	48-8M0015028
15	40	48-8M0015057	48-8M0015058

CNC Cleaver, Heat Treated SS 5 Blade, 18 Degree Rake - 700 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
16.5	38	48-8M0100497	48-8M0100496
16.7539	39	48-8M0054727	48-8M0054728
16.5	39	48-8M0100499	48-8M0100498

CNC CLEAVER 5 BLADE 21 DEGREE RAKE POLISHED LAB FINISHED STERNDRIVE PROPELLER



CNC Cleaver, Heat Treated SS 5 Blade, 21 Degree Rake - 1550 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8. Case 8M0107970 Included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length
1350 HP Limited, currently offering 17.50 x 34 8M0104607 and 8M0104608.

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	30	48-8M0049531	48-8M0049532
17.75	30	48-8M0049553	48-8M0049554
17.5	30	48-8M0049575	48-8M0049576
17.25	30	48-8M0049597	48-8M0049598
17	30	48-8M0049619	48-8M0049620
16.75	30	48-8M0049641	48-8M0049642
16.5	30	48-8M0049663	48-8M0049664
16.25	30	48-8M0049685	48-8M0049686
16	30	48-8M0049707	48-8M0049708
18	31	48-8M0049533	48-8M0049534
17.75	31	48-8M0049555	48-8M0049556
17.5	31	48-8M0049577	48-8M0049578
17.25	31	48-8M0049599	48-8M0049600
17	31	48-8M0049621	48-8M0049622
16.75	31	48-8M0049643	48-8M0049644
16.5	31	48-8M0049665	48-8M0049666
16.25	31	48-8M0049687	48-8M0049688
16	31	48-8M0049709	48-8M0049710
18	32	48-8M0049535	48-8M0049536
17.75	32	48-8M0049557	48-8M0049558
17.5	32	48-8M0049579	48-8M0049580
17.25	32	48-8M0049601	48-8M0049602
17	32	48-8M0049623	48-8M0049624
16.75	32	48-8M0049645	48-8M0049646
16.5	32	48-8M0049667	48-8M0049668
16.25	32	48-8M0049689	48-8M0049690
16	32	48-8M0049711	48-8M0049712
18	33	48-8M0049537	48-8M0049538
17.75	33	48-8M0049559	48-8M0049560
17.5	33	48-8M0049581	48-8M0049582
17.25	33	48-8M0049603	48-8M0049604
17	33	48-8M0049625	48-8M0049626
16.75	33	48-8M0049647	48-8M0049648
16.5	33	48-8M0049669	48-8M0049670
16.25	33	48-8M0049691	48-8M0049692
16	33	48-8M0049713	48-8M0049714
18	34	48-8M0049539	48-8M0049540
17.75	34	48-8M0049561	48-8M0049562
17.5	34	48-8M0049583	48-8M0049584
17.25	34	48-8M0049605	48-8M0049606
17	34	48-8M0049627	48-8M0049628
16.75	34	48-8M0049649	48-8M0049650
16.5	34	48-8M0049671	48-8M0049672
16.25	34	48-8M0049693	48-8M0049694
16	34	48-8M0049715	48-8M0049716
18	35	48-8M0049541	48-8M0049542
17.75	35	48-8M0049563	48-8M0049564
17.5	35	48-8M0049585	48-8M0049586
17.25	35	48-8M0049607	48-8M0049608
17	35	48-8M0049629	48-8M0049630
16.75	35	48-8M0049651	48-8M0049652
16.5	35	48-8M0049673	48-8M0049674
16.25	35	48-8M0049695	48-8M0049696
16	35	48-8M0049717	48-8M0049718
18	36	48-8M0049543	48-8M0049544
17.75	36	48-8M0049565	48-8M0049566
17.5	36	48-8M0049587	48-8M0049588
17.25	36	48-8M0049609	48-8M0049610
17	36	48-8M0049631	48-8M0049632
16.75	36	48-8M0049653	48-8M0049654
16.5	36	48-8M0049675	48-8M0049676
16.25	36	48-8M0049697	48-8M0049698
16	36	48-8M0049719	48-8M0049720
18	37	48-8M0049545	48-8M0049546
17.75	37	48-8M0049567	48-8M0049568
17.5	37	48-8M0049589	48-8M0049590
17.25	37	48-8M0049611	48-8M0049612
17	37	48-8M0049633	48-8M0049634
16.75	37	48-8M0049655	48-8M0049656
16.5	37	48-8M0049677	48-8M0049678
16.25	37	48-8M0049699	48-8M0049700
16	37	48-8M0049721	48-8M0049722
18	38	48-8M0049547	48-8M0049548
17.75	38	48-8M0049569	48-8M0049570
17.5	38	48-8M0049591	48-8M0049592
17.25	38	48-8M0049613	48-8M0049614
17	38	48-8M0049635	48-8M0049636

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
16.75	38	48-8M0049657	48-8M0049658
16.5	38	48-8M0049679	48-8M0049680
16.25	38	48-8M0049701	48-8M0049702
16	38	48-8M0049723	48-8M0049724
18	39	48-8M0049549	48-8M0049550
17.75	39	48-8M0049571	48-8M0049572
17.5	39	48-8M0049593	48-8M0049594
17.25	39	48-8M0049615	48-8M0049616
17	39	48-8M0049637	48-8M0049638
16.75	39	48-8M0049659	48-8M0049660
16.5	39	48-8M0049681	48-8M0049682
16.25	39	48-8M0049703	48-8M0049704
16	39	48-8M0049725	48-8M0049726
18	40	48-8M0049551	48-8M0049552
17.75	40	48-8M0049573	48-8M0049574
17.5	40	48-8M0049595	48-8M0049596
17.25	40	48-8M0049617	48-8M0049618
17	40	48-8M0049639	48-8M0049640
16.75	40	48-8M0049661	48-8M0049662
16.5	40	48-8M0049683	48-8M0049684
16.25	40	48-8M0049705	48-8M0049706
16	40	48-8M0049727	48-8M0049728

CNC Cleaver, Heat Treated SS 5 Blade, 21 Degree Rake – 1200 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8, Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	30	48-8M0017089	48-8M0017090
17.75	30	48-8M0017119	48-8M0017120
17.5	30	48-8M0017149	48-8M0017150
17.25	30	48-8M0017179	48-8M0014180
17	30	48-8M0017209	48-8M0017210
16.75	30	48-8M0017239	48-8M0017240
16.5	30	48-8M0017269	48-8M0014270
16.25	30	48-8M0017299	48-8M0017300
16	30	48-8M0017329	48-8M0017330
15.75	30	48-8M0017359	48-8M0017360
15.5	30	48-8M0017389	48-8M0017390
15.25	30	48-8M0017419	48-8M0017420
15	30	48-8M0017449	48-8M0017450
18	31	48-8M0017091	48-8M0017092
17.75	31	48-8M0017121	48-8M0017122
17.5	31	48-8M0017151	48-8M0017152
17.25	31	48-8M0017181	48-8M0017182
17	31	48-8M0017211	48-8M0017212
16.75	31	48-8M0017241	48-8M0017242
16.5	31	48-8M0017271	48-8M0017272
16.25	31	48-8M0017301	48-8M0017302
16	31	48-8M0017331	48-8M0017332
15.75	31	48-8M0017361	48-8M0017362
15.5	31	48-8M0017391	48-8M0017392
15.25	31	48-8M0017421	48-8M0017422
15	31	48-8M0017451	48-8M0017452
18	32	48-8M0017093	48-8M0017094

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
17.75	32	48-8M0017123	48-8M0017124
17.5	32	48-8M0017153	48-8M0017154
17.25	32	48-8M0017183	48-8M0017184
17	32	48-8M0017213	48-8M0017214
16.75	32	48-8M0017243	48-8M0017244
16.5	32	48-8M0017273	48-8M0017274
16.25	32	48-8M0017303	48-8M0017304
16	32	48-8M0017333	48-8M0017334
15.75	32	48-8M0017363	48-8M0017364
15.5	32	48-8M0017393	48-8M0017394
15.25	32	48-8M0017423	48-8M0017424
15	32	48-8M0017453	48-8M0017454
18	33	48-8M0017095	48-8M0017096
17.75	33	48-8M0017125	48-8M0017126
17.5	33	48-8M0017155	48-8M0017156
17.25	33	48-8M0017185	48-8M0017186
17	33	48-8M0017215	48-8M0017216
16.75	33	48-8M0017245	48-8M0017246
16.5	33	48-8M0017275	48-8M0017276
16.25	33	48-8M0017305	48-8M0017306
16	33	48-8M0017335	48-8M0017336
15.75	33	48-8M0017365	48-8M0017366
15.5	33	48-8M0017395	48-8M0017396
15.25	33	48-8M0017425	48-8M0017426
15	33	48-8M0017455	48-8M0017456
18	34	48-8M0017097	48-8M0017098
17.75	34	48-8M0017127	48-8M0017128
17.5	34	48-8M0017157	48-8M0017158
17.25	34	48-8M0017187	48-8M0017188
17	34	48-8M0017217	48-8M0017218
16.75	34	48-8M0017247	48-8M0017248
16.5	34	48-8M0017277	48-8M0017278
16.25	34	48-8M0017307	48-8M0017308
16	34	48-8M0017337	48-8M0017338
15.75	34	48-8M0017367	48-8M0017368
15.5	34	48-8M0017397	48-8M0017398
15.25	34	48-8M0017427	48-8M0017428
15	34	48-8M0017457	48-8M0017458
18	35	48-8M0017099	48-8M0017100
17.75	35	48-8M0017129	48-8M0017130
17.5	35	48-8M0017159	48-8M0017160
17.25	35	48-8M0017189	48-8M0017190
17	35	48-8M0017219	48-8M0017220
16.75	35	48-8M0017249	48-8M0017250
16.5	35	48-8M0017279	48-8M0017280
16.25	35	48-8M0017309	48-8M0017310
16	35	48-8M0017339	48-8M0017340
15.75	35	48-8M0017369	48-8M0017370
15.5	35	48-8M0017399	48-8M0017400
15.25	35	48-8M0017429	48-8M0017430
15	35	48-8M0017459	48-8M0017460
18	36	48-8M0017101	48-8M0017102
17.75	36	48-8M0017131	48-8M0017132
17.5	36	48-8M0017161	48-8M0017162
17.25	36	48-8M0017191	48-8M0017192
17	36	48-8M0017221	48-8M0017222

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
16.75	36	48-8M0017251	48-8M0017252
16.5	36	48-8M0017281	48-8M0017282
16.25	36	48-8M0017311	48-8M0017312
16	36	48-8M0017341	48-8M0017342
15.75	36	48-8M0017371	48-8M0017372
15.5	36	48-8M0017401	48-8M0017402
15.25	36	48-8M0017431	48-8M0017432
15	36	48-8M0017461	48-8M0017462
18	37	48-8M0017103	48-8M0017104
17.75	37	48-8M0017133	48-8M0017134
17.5	37	48-8M0017163	48-8M0017164
17.25	37	48-8M0017193	48-8M0017194
17	37	48-8M0017223	48-8M0017224
16.75	37	48-8M0017253	48-8M0017254
16.5	37	48-8M0017283	48-8M0017284
16.25	37	48-8M0017313	48-8M0017314
16	37	48-8M0017343	48-8M0017344
15.75	37	48-8M0017373	48-8M0017374
15.5	37	48-8M0017403	48-8M0017404
15.25	37	48-8M0017433	48-8M0017434
15	37	48-8M0017463	48-8M0017464
18	38	48-8M0017105	48-8M0017106
17.75	38	48-8M0017135	48-8M0017136
17.5	38	48-8M0017165	48-8M0017166
17.25	38	48-8M0017195	48-8M0017196
17	38	48-8M0017225	48-8M0017226
16.75	38	48-8M0017255	48-8M0017256
16.5	38	48-8M0017285	48-8M0017286
16.25	38	48-8M0017315	48-8M0017316
16	38	48-8M0017345	48-8M0017346
15.75	38	48-8M0017375	48-8M0017376
15.5	38	48-8M0017405	48-8M0017406
15.25	38	48-8M0017435	48-8M0017436
15	38	48-8M0017465	48-8M0017466
18	39	48-8M0017107	48-8M0017108
17.75	39	48-8M0017137	48-8M0017138
17.5	39	48-8M0017167	48-8M0017168
17.25	39	48-8M0017197	48-8M0017198
17	39	48-8M0017227	48-8M0017228
16.75	39	48-8M0017257	48-8M0017258
16.5	39	48-8M0017287	48-8M0017288
16.25	39	48-8M0017317	48-8M0017318
16	39	48-8M0017347	48-8M0017348
15.75	39	48-8M0017377	48-8M0017378
15.5	39	48-8M0017407	48-8M0017408
15.25	39	48-8M0017437	48-8M0017438
15	39	48-8M0017467	48-8M0017468
18	40	48-8M0017109	48-8M0017110
17.75	40	48-8M0017139	48-8M0017140
17.5	40	48-8M0017169	48-8M0017170
17.25	40	48-8M0017199	48-8M0017200
17	40	48-8M0017229	48-8M0017230
16.75	40	48-8M0017259	48-8M0017260
16.5	40	48-8M0017289	48-8M0017290
16.25	40	48-8M0017319	48-8M0017320
16	40	48-8M0017349	48-8M0017350
15.75	40	48-8M0017379	48-8M0017380
15.5	40	48-8M0017409	48-8M0017410
15.25	40	48-8M0017439	48-8M0017440
15	40	48-8M0017469	48-8M0017470

CNC Cleaver, Heat Treated SS 5 Blade, 21 Degree Rake - 900 HP

IIIA, IV, V, VI, VII SSM, NXT1 and M8. Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	Pro Finished LH Rotation	Pro Finished RH Rotation
18	30	48-8M0018259	48-8M0018260
17.75	30	48-8M0018289	48-8M0018290
17.5	30	48-8M0018319	48-8M0018320
17.25	30	48-8M0018349	48-8M0018350
17	30	48-8M0018379	48-8M0018380
16.75	30	48-8M0018409	48-8M0018410
16.5	30	48-8M0018439	48-8M0018440
16.25	30	48-8M0018469	48-8M0018470
16	30	48-8M0018499	48-8M0018500
15.75	30	48-8M0018529	48-8M0018530
15.5	30	48-8M0018559	48-8M0018560
15.25	30	48-8M0018589	48-8M0018590
15	30	48-8M0018619	48-8M0018620
18	31	48-8M0018261	48-8M0018262
17.75	31	48-8M0018291	48-8M0018292
17.5	31	48-8M0018321	48-8M0018322
17.25	31	48-8M0018351	48-8M0018352
17	31	48-8M0018381	48-8M0018382
16.75	31	48-8M0018411	48-8M0018412
16.5	31	48-8M0018441	48-8M0018442
16.25	31	48-8M0018471	48-8M0018472
16	31	48-8M0018501	48-8M0018502
15.75	31	48-8M0018531	48-8M0018532
15.5	31	48-8M0018561	48-8M0018562
15.25	31	48-8M0018591	48-8M0018592
15	31	48-8M0018621	48-8M0018622
18	32	48-8M0018263	48-8M0018264
17.75	32	48-8M0018293	48-8M0018294
17.5	32	48-8M0018323	48-8M0018324
17.25	32	48-8M0018353	48-8M0018354
17	32	48-8M0018383	48-8M0018384
16.75	32	48-8M0018413	48-8M0018414
16.5	32	48-8M0018443	48-8M0018444
16.25	32	48-8M0018473	48-8M0018474
16	32	48-8M0018503	48-8M0018504
15.75	32	48-8M0018533	48-8M0018534
15.5	32	48-8M0018563	48-8M0018564
15.25	32	48-8M0018593	48-8M0018594
15	32	48-8M0018623	48-8M0018624
18	33	48-8M0018265	48-8M0018266
17.75	33	48-8M0018295	48-8M0018296
17.5	33	48-8M0018325	48-8M0018326
17.25	33	48-8M0018355	48-8M0018356
17	33	48-8M0018385	48-8M0018386
16.75	33	48-8M0018415	48-8M0018416

Diameter (Inches)	Pitch	Pro Finished LH Rotation	Pro Finished RH Rotation
16.5	33	48-8M0018445	48-8M0018446
16.25	33	48-8M0018475	48-8M0018476
16	33	48-8M0018505	48-8M0018506
15.75	33	48-8M0018535	48-8M0018536
15.5	33	48-8M0018565	48-8M0018566
15.25	33	48-8M0018595	48-8M0018596
15	33	48-8M0018625	48-8M0018626
18	34	48-8M0018267	48-8M0018268
17.75	34	48-8M0018297	48-8M0018298
17.5	34	48-8M0018327	48-8M0018328
17.25	34	48-8M0018357	48-8M0018358
17	34	48-8M0018387	48-8M0018388
16.75	34	48-8M0018417	48-8M0018418
16.5	34	48-8M0018447	48-8M0018448
16.25	34	48-8M0018477	48-8M0018478
16	34	48-8M0018507	48-8M0018508
15.75	34	48-8M0018537	48-8M0018538
15.5	34	48-8M0018567	48-8M0018568
15.25	34	48-8M0018597	48-8M0018598
15	34	48-8M0018627	48-8M0018628
18	35	48-8M0018269	48-8M0018270
17.75	35	48-8M0018299	48-8M0018300
17.5	35	48-8M0018329	48-8M0018330
17.25	35	48-8M0018359	48-8M0018360
17	35	48-8M0018389	48-8M0018390
16.75	35	48-8M0018419	48-8M0018420
16.5	35	48-8M0018449	48-8M0018450
16.25	35	48-8M0018479	48-8M0018480
16	35	48-8M0018509	48-8M0018510
15.75	35	48-8M0018539	48-8M0018540
15.5	35	48-8M0018569	48-8M0018570
15.25	35	48-8M0018599	48-8M0018600
15	35	48-8M0018629	48-8M0018630
18	36	48-8M0018271	48-8M0018272
17.75	36	48-8M0018301	48-8M0018302
17.5	36	48-8M0018331	48-8M0018332
17.25	36	48-8M0018361	48-8M0018362
17	36	48-8M0018391	48-8M0018392
16.75	36	48-8M0018421	48-8M0018422
16.5	36	48-8M0018451	48-8M0018452
16.25	36	48-8M0018481	48-8M0018482
16	36	48-8M0018511	48-8M0018512
15.75	36	48-8M0018541	48-8M0018542
15.5	36	48-8M0018571	48-8M0018572
15.25	36	48-8M0018601	48-8M0018602
15	36	48-8M0018631	48-8M0018632
18	37	48-8M0018273	48-8M0018274
17.75	37	48-8M0018303	48-8M0018304
17.5	37	48-8M0018333	48-8M0018334
17.25	37	48-8M0018363	48-8M0018364
17	37	48-8M0018393	48-8M0018394
16.75	37	48-8M0018423	48-8M0018424
16.5	37	48-8M0018453	48-8M0018454
16.25	37	48-8M0018483	48-8M0018484
16	37	48-8M0018513	48-8M0018514
15.75	37	48-8M0018543	48-8M0018544

Diameter (Inches)	Pitch	Pro Finished LH Rotation	Pro Finished RH Rotation
15.5	37	48-8M0018573	48-8M0018574
15.25	37	48-8M0018603	48-8M0018604
15	37	48-8M0018633	48-8M0018634
18	38	48-8M0018275	48-8M0018276
17.75	38	48-8M0018305	48-8M0018306
17.5	38	48-8M0018335	48-8M0018336
17.25	38	48-8M0018365	48-8M0018366
17	38	48-8M0018395	48-8M0018396
16.75	38	48-8M0018425	48-8M0018426
16.5	38	48-8M0018455	48-8M0018456
16.25	38	48-8M0018485	48-8M0018486
16	38	48-8M0018515	48-8M0018516
15.75	38	48-8M0018545	48-8M0018546
15.5	38	48-8M0018575	48-8M0018576
15.25	38	48-8M0018605	48-8M0018606
15	38	48-8M0018635	48-8M0018636
18	39	48-8M0018277	48-8M0018278
17.75	39	48-8M0018307	48-8M0018308
17.5	39	48-8M0018337	48-8M0018338
17.25	39	48-8M0018367	48-8M0018368
17	39	48-8M0018397	48-8M0018398
16.75	39	48-8M0018427	48-8M0018428
16.5	39	48-8M0018457	48-8M0018458
16.25	39	48-8M0018487	48-8M0018488
16	39	48-8M0018517	48-8M0018518
15.75	39	48-8M0018547	48-8M0018548
15.5	39	48-8M0018577	48-8M0018578
15.25	39	48-8M0018607	48-8M0018608
15	39	48-8M0018637	48-8M0018638
18	40	48-8M0018279	48-8M0018280
17.75	40	48-8M0018309	48-8M0018310
17.5	40	48-8M0018339	48-8M0018340
17.25	40	48-8M0018369	48-8M0018370
17	40	48-8M0018399	48-8M0018400
16.75	40	48-8M0018429	48-8M0018430
16.5	40	48-8M0018459	48-8M0018460
16.25	40	48-8M0018489	48-8M0018490
16	40	48-8M0018519	48-8M0018520
15.75	40	48-8M0018549	48-8M0018550
15.5	40	48-8M0018579	48-8M0018580
15.25	40	48-8M0018609	48-8M0018610
15	40	48-8M0018639	48-8M0018640

CNC CLEAVER 6 BLADE 15 DEGREE RAKE POLISHED LAB FINISHED STERNDRIVE PROPELLER



CNC Cleaver, Heat Treated SS 6 Blade, 15 Degree Rake - 1200 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8. Case 8M017970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	26	48-8M0002667	48-8M0002668
17.75	26	48-8M0002697	48-8M0002698
17.5	26	48-8M0002727	48-8M0002728
17.25	26	48-8M0002757	48-8M0002758
17	26	48-8M0002787	48-8M0002788
16.75	26	48-8M0002817	48-8M0002818
16.5	26	48-8M0002847	48-8M0002848
16.25	26	48-8M0002877	48-8M0002878
16	26	48-8M0002907	48-8M0002908
15.75	26	48-8M0002937	48-8M0002938
15.5	26	48-8M0002967	48-8M0002968
15.25	26	48-8M0002997	48-8M0002998
15	26	48-8M0003027	48-8M0003028
18	27	48-8M0002669	48-8M0002670
17.75	27	48-8M0002699	48-8M0002700
17.5	27	48-8M0002729	48-8M0002730
17.25	27	48-8M0002759	48-8M0002760
17	27	48-8M0002789	48-8M0002790
16.75	27	48-8M0002819	48-8M0002820
16.5	27	48-8M0002849	48-8M0002850
16.25	27	48-8M0002879	48-8M0002880
16	27	48-8M0002909	48-8M0002910
15.75	27	48-8M0002939	48-8M0002940
15.5	27	48-8M0002969	48-8M0002970
15.25	27	48-8M0002999	48-8M0003000
15	27	48-8M0003029	48-8M0003030
18	28	48-8M0002671	48-8M0002672
17.75	28	48-8M0002701	48-8M0002702
17.5	28	48-8M0002731	48-8M0002732
17.25	28	48-8M0002761	48-8M0002762
17	28	48-8M0002791	48-8M0002792
16.75	28	48-8M0002821	48-8M0002822
16.5	28	48-8M0002851	48-8M0002852
16.25	28	48-8M0002881	48-8M0002882
16	28	48-8M0002911	48-8M0002912
15.75	28	48-8M0002941	48-8M0002942
15.5	28	48-8M0002971	48-8M0002972
15.25	28	48-8M0003001	48-8M0003002
15	28	48-8M0003031	48-8M0003032
18	29	48-8M0002673	48-8M0002674
17.75	29	48-8M0002703	48-8M0002704
17.5	29	48-8M0002733	48-8M0002734
17.25	29	48-8M0002763	48-8M0002764
17	29	48-8M0002793	48-8M0002794
16.75	29	48-8M0002823	48-8M0002824
16.5	29	48-8M0002853	48-8M0002854
16.25	29	48-8M0002883	48-8M0002884
16	29	48-8M0002913	48-8M0002914
15.75	29	48-8M0002943	48-8M0002944
15.5	29	48-8M0002973	48-8M0002974
15.25	29	48-8M0003003	48-8M0003004
15	29	48-8M0003033	48-8M0003034
18	30	48-8M0002675	48-8M0002676
17.75	30	48-8M0002705	48-8M0002706
17.5	30	48-8M0002735	48-8M0002736
17.25	30	48-8M0002765	48-8M0002766
17	30	48-8M0002795	48-8M0002796
16.75	30	48-8M0002825	48-8M0002826
16.5	30	48-8M0002855	48-8M0002856
16.25	30	48-8M0002885	48-8M0002886
16	30	48-8M0002915	48-8M0002916
15.75	30	48-8M0002945	48-8M0002946
15.5	30	48-8M0002975	48-8M0002976
15.25	30	48-8M0003005	48-8M0003006
15	30	48-8M0003035	48-8M0003036
18	31	48-8M0002677	48-8M0002678
17.75	31	48-8M0002707	48-8M0002708
17.5	31	48-8M0002737	48-8M0002738
17.25	31	48-8M0002767	48-8M0002768
17	31	48-8M0002797	48-8M0002798
16.75	31	48-8M0002827	48-8M0002828
16.5	31	48-8M0002857	48-8M0002858
16.25	31	48-8M0002887	48-8M0002888
16	31	48-8M0002917	48-8M0002918
15.75	31	48-8M0002947	48-8M0002948
15.5	31	48-8M0002977	48-8M0002978
15.25	31	48-8M0003007	48-8M0003008
15	31	48-8M0003037	48-8M0003038
18	32	48-8M0002679	48-8M0002680
17.75	32	48-8M0002709	48-8M0002710
17.5	32	48-8M0002739	48-8M0002740
17.25	32	48-8M0002769	48-8M0002770
17	32	48-8M0002799	48-8M0002800
16.75	32	48-8M0002829	48-8M0002830
16.5	32	48-8M0002859	48-8M0002860
16.25	32	48-8M0002889	48-8M0002890
16	32	48-8M0002919	48-8M0002920
15.75	32	48-8M0002949	48-8M0002950
15.5	32	48-8M0002979	48-8M0002980
15.25	32	48-8M0003009	48-8M0003010
15	32	48-8M0003039	48-8M0003040
18	33	48-8M0002681	48-8M0002682
17.75	33	48-8M0002711	48-8M0002712
17.5	33	48-8M0002741	48-8M0002742
17.25	33	48-8M0002771	48-8M0002772
17	33	48-8M0002801	48-8M0002802
16.75	33	48-8M0002831	48-8M0002832
16.5	33	48-8M0002861	48-8M0002862
16.25	33	48-8M0002891	48-8M0002892
16	33	48-8M0002921	48-8M0002922
15.75	33	48-8M0002951	48-8M0002952
15.5	33	48-8M0002981	48-8M0002982
15.25	33	48-8M0003011	48-8M0003012
15	33	48-8M0003041	48-8M0003042
18	34	48-8M0002683	48-8M0002684
17.75	34	48-8M0002713	48-8M0002714
17.5	34	48-8M0002743	48-8M0002744

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
17.25	34	48-8M0002773	48-8M0002774
17	34	48-8M0002803	48-8M0002804
16.75	34	48-8M0002833	48-8M0002834
16.5	34	48-8M0002863	48-8M0002864
16.25	34	48-8M0002893	48-8M0002894
16	34	48-8M0002923	48-8M0002924
15.75	34	48-8M0002953	48-8M0002954
15.5	34	48-8M0002983	48-8M0002984
15.25	34	48-8M0003013	48-8M0003014
15	34	48-8M0003043	48-8M0003044
18	35	48-8M0002685	48-8M0002686
17.75	35	48-8M0002715	48-8M0002716
17.5	35	48-8M0002745	48-8M0002746
17.25	35	48-8M0002775	48-8M0002776
17	35	48-8M0002805	48-8M0002806
16.75	35	48-8M0002835	48-8M0002836
16.5	35	48-8M0002865	48-8M0002866
16.25	35	48-8M0002895	48-8M0002896
16	35	48-8M0002925	48-8M0002926
15.75	35	48-8M0002955	48-8M0002956
15.5	35	48-8M0002985	48-8M0002986
15.25	35	48-8M0003015	48-8M0003016
15	35	48-8M0003045	48-8M0003046
18	36	48-8M0002687	48-8M0002688
17.75	36	48-8M0002717	48-8M0002718
17.5	36	48-8M0002747	48-8M0002748
17.25	36	48-8M0002777	48-8M0002778
17	36	48-8M0002807	48-8M0002808
16.75	36	48-8M0002837	48-8M0002838
16.5	36	48-8M0002867	48-8M0002868
16.25	36	48-8M0002897	48-8M0002898
16	36	48-8M0002927	48-8M0002928
15.75	36	48-8M0002957	48-8M0002958
15.5	36	48-8M0002987	48-8M0002988
15.25	36	48-8M0003017	48-8M0003018
15	36	48-8M0003047	48-8M0003048
18	37	48-8M0002689	48-8M0002690
17.75	37	48-8M0002719	48-8M0002720
17.5	37	48-8M0002749	48-8M0002750
17.25	37	48-8M0002779	48-8M0002780
17	37	48-8M0002809	48-8M0002810
16.75	37	48-8M0002839	48-8M0002840
16.5	37	48-8M0002869	48-8M0002870
16.25	37	48-8M0002899	48-8M0002900
16	37	48-8M0002929	48-8M0002930
15.75	37	48-8M0002959	48-8M0002960
15.5	37	48-8M0002989	48-8M0002990
15.25	37	48-8M0003019	48-8M0003020
15	37	48-8M0003049	48-8M0003050
18	38	48-8M0002691	48-8M0002692
17.75	38	48-8M0002721	48-8M0002722
17.5	38	48-8M0002751	48-8M0002752
17.25	38	48-8M0002781	48-8M0002782
17	38	48-8M0002811	48-8M0002812
16.75	38	48-8M0002841	48-8M0002842
16.5	38	48-8M0002871	48-8M0002872

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
16.25	38	48-8M0002901	48-8M0002902
16	38	48-8M0002931	48-8M0002932
15.75	38	48-8M0002961	48-8M0002962
15.5	38	48-8M0002991	48-8M0002992
15.25	38	48-8M0003021	48-8M0003022
15	38	48-8M0003051	48-8M0003052
18	39	48-8M0002693	48-8M0002694
17.75	39	48-8M0002723	48-8M0002724
17.5	39	48-8M0002753	48-8M0002754
17.25	39	48-8M0002783	48-8M0002784
17	39	48-8M0002813	48-8M0002814
16.75	39	48-8M0002843	48-8M0002844
16.5	39	48-8M0002873	48-8M0002874
16.25	39	48-8M0002903	48-8M0002904
16	39	48-8M0002933	48-8M0002934
15.75	39	48-8M0002963	48-8M0002964
15.5	39	48-8M0002993	48-8M0002994
15.25	39	48-8M0003023	48-8M0003024
15	39	48-8M0003053	48-8M0003054
18	40	48-8M0002695	48-8M0002696
17.75	40	48-8M0002725	48-8M0002726
17.5	40	48-8M0002755	48-8M0002756
17.25	40	48-8M0002785	48-8M0002786
17	40	48-8M0002815	48-8M0002816
16.75	40	48-8M0002845	48-8M0002846
16.5	40	48-8M0002875	48-8M0002876
16.25	40	48-8M0002905	48-8M0002906
16	40	48-8M0002935	48-8M0002936
15.75	40	48-8M0002965	48-8M0002966
15.5	40	48-8M0002995	48-8M0002996
15.25	40	48-8M0003025	48-8M0003026
15	40	48-8M0003055	48-8M0003056

CNC Cleaver, Heat Treated SS 6 Blade, 15 Degree Rake - 900 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8. Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	26	48-8M0003837	48-8M0003838
17.75	26	48-8M0003867	48-8M0003868
17.5	26	48-8M0003897	48-8M0003898
17.25	26	48-8M0003927	48-8M0003928
17	26	48-8M0003957	48-8M0003958
16.75	26	48-8M0003987	48-8M0003988
16.5	26	48-8M0004017	48-8M0004018
16.25	26	48-8M0004047	48-8M0004048
16	26	48-8M0004077	48-8M0004078
15.75	26	48-8M0004107	48-8M0004108
15.5	26	48-8M0004137	48-8M0004138
15.25	26	48-8M0004167	48-8M0004168
15	26	48-8M0004197	48-8M0004198
18	27	48-8M0003839	48-8M0003840
17.75	27	48-8M0003869	48-8M0003870
17.5	27	48-8M0003899	48-8M0003900
17.25	27	48-8M0003929	48-8M0003930

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
17	27	48-8M0003959	48-8M0003960
16.75	27	48-8M0003989	48-8M0003990
16.5	27	48-8M0004019	48-8M0004020
16.25	27	48-8M0004049	48-8M0004050
16	27	48-8M0004079	48-8M0004080
15.75	27	48-8M0004109	48-8M0004110
15.5	27	48-8M0004139	48-8M0004140
15.25	27	48-8M0004169	48-8M0004170
15	27	48-8M0004199	48-8M0004200
18	28	48-8M0003841	48-8M0003842
17.75	28	48-8M0003871	48-8M0003872
17.5	28	48-8M0003901	48-8M0003902
17.25	28	48-8M0003931	48-8M0003932
17	28	48-8M0003961	48-8M0003962
16.75	28	48-8M0003991	48-8M0003992
16.5	28	48-8M0004021	48-8M0004022
16.25	28	48-8M0004051	48-8M0004052
16	28	48-8M0004081	48-8M0004082
15.75	28	48-8M0004111	48-8M0004112
15.5	28	48-8M0004141	48-8M0004142
15.25	28	48-8M0004171	48-8M0004172
15	28	48-8M0004201	48-8M0004202
18	29	48-8M0003843	48-8M0003844
17.75	29	48-8M0003873	48-8M0003874
17.5	29	48-8M0003903	48-8M0003904
17.25	29	48-8M0003933	48-8M0003934
17	29	48-8M0003963	48-8M0003964
16.75	29	48-8M0003993	48-8M0003994
16.5	29	48-8M0004023	48-8M0004024
16.25	29	48-8M0004053	48-8M0004054
16	29	48-8M0004083	48-8M0004084
15.75	29	48-8M0004113	48-8M0004114
15.5	29	48-8M0004143	48-8M0004144
15.25	29	48-8M0004173	48-8M0004174
15	29	48-8M0004203	48-8M0004204
18	30	48-8M0003845	48-8M0003846
17.75	30	48-8M0003875	48-8M0003876
17.5	30	48-8M0003905	48-8M0003906
17.25	30	48-8M0003935	48-8M0003936
17	30	48-8M0003965	48-8M0003966
16.75	30	48-8M0003995	48-8M0003996
16.5	30	48-8M0004025	48-8M0004026
16.25	30	48-8M0004055	48-8M0004056
16	30	48-8M0004085	48-8M0004086
15.75	30	48-8M0004115	48-8M0004116
15.5	30	48-8M0004145	48-8M0004146
15.25	30	48-8M0004175	48-8M0004176
15	30	48-8M0004205	48-8M0004206
18	31	48-8M0003847	48-8M0003848
17.75	31	48-8M0003877	48-8M0003878
17.5	31	48-8M0003907	48-8M0003908
17.25	31	48-8M0003937	48-8M0003938
17	31	48-8M0003967	48-8M0003968
16.75	31	48-8M0003997	48-8M0003998
16.5	31	48-8M0004027	48-8M0004028
16.25	31	48-8M0004057	48-8M0004058

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
16	31	48-8M0004087	48-8M0004088
15.75	31	48-8M0004117	48-8M0004118
15.5	31	48-8M0004147	48-8M0004148
15.25	31	48-8M0004177	48-8M0004178
15	31	48-8M0004207	48-8M0004208
18	32	48-8M0003849	48-8M0003850
17.75	32	48-8M0003879	48-8M0003880
17.5	32	48-8M0003909	48-8M0003910
17.25	32	48-8M0003939	48-8M0003940
17	32	48-8M0003969	48-8M0003970
16.75	32	48-8M0003999	48-8M0004000
16.5	32	48-8M0004029	48-8M0004030
16.25	32	48-8M0004059	48-8M0004060
16	32	48-8M0004089	48-8M0004090
15.75	32	48-8M0004119	48-8M0004120
15.5	32	48-8M0004149	48-8M0004150
15.25	32	48-8M0004179	48-8M0004180
15	32	48-8M0004209	48-8M0004210
18	33	48-8M0003851	48-8M0003852
17.75	33	48-8M0003881	48-8M0003882
17.5	33	48-8M0003911	48-8M0003912
17.25	33	48-8M0003941	48-8M0003942
17	33	48-8M0003971	48-8M0003972
16.75	33	48-8M0004001	48-8M0004002
16.5	33	48-8M0004031	48-8M0004032
16.25	33	48-8M0004061	48-8M0004062
16	33	48-8M0004091	48-8M0004092
15.75	33	48-8M0004121	48-8M0004122
15.5	33	48-8M0004151	48-8M0004152
15.25	33	48-8M0004181	48-8M0004182
15	33	48-8M0004211	48-8M0004212
18	34	48-8M0003853	48-8M0003854
17.75	34	48-8M0003883	48-8M0003884
17.5	34	48-8M0003913	48-8M0003914
17.25	34	48-8M0003943	48-8M0003944
17	34	48-8M0003973	48-8M0003974
16.75	34	48-8M0004003	48-8M0004004
16.5	34	48-8M0004033	48-8M0004034
16.25	34	48-8M0004063	48-8M0004064
16	34	48-8M0004093	48-8M0004094
15.75	34	48-8M0004123	48-8M0004124
15.5	34	48-8M0004153	48-8M0004154
15.25	34	48-8M0004183	48-8M0004184
15	34	48-8M0004213	48-8M0004214
18	35	48-8M0003855	48-8M0003856
17.75	35	48-8M0003885	48-8M0003886
17.5	35	48-8M0003915	48-8M0003916
17.25	35	48-8M0003945	48-8M0003946
17	35	48-8M0003975	48-8M0003976
16.75	35	48-8M0004005	48-8M0004006
16.5	35	48-8M0004035	48-8M0004036
16.25	35	48-8M0004065	48-8M0004066
16	35	48-8M0004095	48-8M0004096
15.75	35	48-8M0004125	48-8M0004126
15.5	35	48-8M0004155	48-8M0004156
15.25	35	48-8M0004185	48-8M0004186

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
15	35	48-8M0004215	48-8M0004216
18	36	48-8M0003857	48-8M0003858
17.75	36	48-8M0003887	48-8M0003888
17.5	36	48-8M0003917	48-8M0003918
17.25	36	48-8M0003947	48-8M0003948
17	36	48-8M0003977	48-8M0003978
16.75	36	48-8M0004007	48-8M0004008
16.5	36	48-8M0004037	48-8M0004038
16.25	36	48-8M0004067	48-8M0004068
16	36	48-8M0004097	48-8M0004098
15.75	36	48-8M0004127	48-8M0004128
15.5	36	48-8M0004157	48-8M0004158
15.25	36	48-8M0004187	48-8M0004188
15	36	48-8M0004217	48-8M0004218
18	37	48-8M0003859	48-8M0003860
17.75	37	48-8M0003889	48-8M0003890
17.5	37	48-8M0003919	48-8M0003920
17.25	37	48-8M0003949	48-8M0003950
17	37	48-8M0003979	48-8M0003980
16.75	37	48-8M0004009	48-8M0004010
16.5	37	48-8M0004039	48-8M0004040
16.25	37	48-8M0004069	48-8M0004070
16	37	48-8M0004099	48-8M0004100
15.75	37	48-8M0004129	48-8M0004130
15.5	37	48-8M0004159	48-8M0004160
15.25	37	48-8M0004189	48-8M0004190
15	37	48-8M0004219	48-8M0004220
18	38	48-8M0003861	48-8M0003862
17.75	38	48-8M0003891	48-8M0003892
17.5	38	48-8M0003921	48-8M0003922
17.25	38	48-8M0003951	48-8M0003952
17	38	48-8M0003981	48-8M0003982
16.75	38	48-8M0004011	48-8M0004012
16.5	38	48-8M0004041	48-8M0004042
16.25	38	48-8M0004071	48-8M0004072
16	38	48-8M0004101	48-8M0004102
15.75	38	48-8M0004131	48-8M0004132
15.5	38	48-8M0004161	48-8M0004162
15.25	38	48-8M0004191	48-8M0004192
15	38	48-8M0004221	48-8M0004222
18	39	48-8M0003863	48-8M0003864
17.75	39	48-8M0003893	48-8M0003894
17.5	39	48-8M0003923	48-8M0003924
17.25	39	48-8M0003953	48-8M0003954
17	39	48-8M0003983	48-8M0003984
16.75	39	48-8M0004013	48-8M0004014
16.5	39	48-8M0004043	48-8M0004044
16.25	39	48-8M0004073	48-8M0004074
16	39	48-8M0004103	48-8M0004104
15.75	39	48-8M0004133	48-8M0004134
15.5	39	48-8M0004163	48-8M0004164
15.25	39	48-8M0004193	48-8M0004194
15	39	48-8M0004223	48-8M0004224
18	40	48-8M0003865	48-8M0003866
17.75	40	48-8M0003895	48-8M0003896
17.5	40	48-8M0003925	48-8M0003926
17.25	40	48-8M0003955	48-8M0003956
17	40	48-8M0003985	48-8M0003986
16.75	40	48-8M0004015	48-8M0004016
16.5	40	48-8M0004045	48-8M0004046
16.25	40	48-8M0004075	48-8M0004076
16	40	48-8M0004105	48-8M0004106
15.75	40	48-8M0004135	48-8M0004136
15.5	40	48-8M0004165	48-8M0004166
15.25	40	48-8M0004195	48-8M0004196
15	40	48-8M0004225	48-8M0004226

CNC Cleaver, Heat Treated SS 6 Blade, 15 Degree Rake - 600 HP

IIIA, IV, V, VI, VII SSM,NXT1. Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
14.75	25	48-8M0064647	
14.5	25	48-8M0064815	48-8M0064816
18	26	48-8M0005007	48-8M0005008
17.75	26	48-8M0005037	48-8M0005038
17.5	26	48-8M0005067	48-8M0005068
17.25	26	48-8M0005097	48-8M0005098
17	26	48-8M0005127	48-8M0005128
16.75	26	48-8M0005157	48-8M0005158
16.5	26	48-8M0005187	48-8M0005188
16.25	26	48-8M0005217	48-8M0005218
16	26	48-8M0005247	48-8M0005248
15.75	26	48-8M0005277	48-8M0005278
15.5	26	48-8M0005307	48-8M0005308
15.25	26	48-8M0005337	48-8M0005338
15	26	48-8M0005367	48-8M0005368
14.75	26	48-8M0062239	48-8M0062240
14.5	26	48-8M0076407	48-8M0076406
18	27	48-8M0005009	48-8M0005010
17.75	27	48-8M0005039	48-8M0005040
17.5	27	48-8M0005069	48-8M0005070
17.25	27	48-8M0005099	48-8M0005100
17	27	48-8M0005129	48-8M0005130
16.75	27	48-8M0005159	48-8M0005160
16.5	27	48-8M0005189	48-8M0005190
16.25	27	48-8M0005219	48-8M0005220
16	27	48-8M0005249	48-8M0005250
15.75	27	48-8M0005279	48-8M0005280
15.5	27	48-8M0005309	48-8M0005310
15.25	27	48-8M0005339	48-8M0005340
15	27	48-8M0005369	48-8M0005370
14.75	27	48-8M0062421	
14.5	27	48-8M0076181	48-8M0076180
18	28	48-8M0005011	48-8M0005012
17.75	28	48-8M0005041	48-8M0005042
17.5	28	48-8M0005071	48-8M0005072
17.25	28	48-8M0005101	48-8M0005102
17	28	48-8M0005131	48-8M0005132
16.75	28	48-8M0005161	48-8M0005162
16.5	28	48-8M0005191	48-8M0005192

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
16.25	28	48-8M0005221	48-8M0005222
16	28	48-8M0005251	48-8M0005252
15.75	28	48-8M0005281	48-8M0005282
15.5	28	48-8M0005311	48-8M0005312
15.25	28	48-8M0005341	48-8M0005342
15	28	48-8M0005371	48-8M0005372
14.5	28		48-8M0081418
18	29	48-8M0005013	48-8M0005014
17.75	29	48-8M0005043	48-8M0005044
17.5	29	48-8M0005073	48-8M0005074
17.25	29	48-8M0005103	48-8M0005104
17	29	48-8M0005133	48-8M0005134
16.75	29	48-8M0005163	48-8M0005164
16.5	29	48-8M0005193	48-8M0005194
16.25	29	48-8M0005223	48-8M0005224
16	29	48-8M0005253	48-8M0005254
15.75	29	48-8M0005283	48-8M0005284
15.5	29	48-8M0005313	48-8M0005314
15.25	29	48-8M0005343	48-8M0005344
15	29	48-8M0005373	48-8M0005374
18	30	48-8M0005015	48-8M0005016
17.75	30	48-8M0005045	48-8M0005046
17.5	30	48-8M0005075	48-8M0005076
17.25	30	48-8M0005105	48-8M0005106
17	30	48-8M0005135	48-8M0005136
16.75	30	48-8M0005165	48-8M0005166
16.5	30	48-8M0005195	48-8M0005196
16.25	30	48-8M0005225	48-8M0005226
16	30	48-8M0005255	48-8M0005256
15.75	30	48-8M0005285	48-8M0005286
15.5	30	48-8M0005315	48-8M0005316
15.25	30	48-8M0005345	48-8M0005346
15	30	48-8M0005375	48-8M0005376
18	31	48-8M0005017	48-8M0005018
17.75	31	48-8M0005047	48-8M0005048
17.5	31	48-8M0005077	48-8M0005078
17.25	31	48-8M0005107	48-8M0005108
17	31	48-8M0005137	48-8M0005138
16.75	31	48-8M0005167	48-8M0005168
16.5	31	48-8M0005197	48-8M0005198
16.25	31	48-8M0005227	48-8M0005228
16	31	48-8M0005257	48-8M0005258
15.75	31	48-8M0005287	48-8M0005288
15.5	31	48-8M0005317	48-8M0005318
15.25	31	48-8M0005347	48-8M0005348
15	31	48-8M0005377	48-8M0005378
18	32	48-8M0005019	48-8M0005020
17.75	32	48-8M0005049	48-8M0005050
17.5	32	48-8M0005079	48-8M0005080
17.25	32	48-8M0005109	48-8M0005110
17	32	48-8M0005139	48-8M0005140
16.75	32	48-8M0005169	48-8M0005170
16.5	32	48-8M0005199	48-8M0005200
16.25	32	48-8M0005229	48-8M0005230
16	32	48-8M0005259	48-8M0005260
15.75	32	48-8M0005289	48-8M0005290

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
15.5	32	48-8M0005319	48-8M0005320
15.25	32	48-8M0005349	48-8M0005350
15	32	48-8M0005379	48-8M0005380
18	33	48-8M0005021	48-8M0005022
17.75	33	48-8M0005051	48-8M0005052
17.5	33	48-8M0005081	48-8M0005082
17.25	33	48-8M0005111	48-8M0005112
17	33	48-8M0005141	48-8M0005142
16.75	33	48-8M0005171	48-8M0005172
16.5	33	48-8M0005201	48-8M0005202
16.25	33	48-8M0005231	48-8M0005232
16	33	48-8M0005261	48-8M0005262
15.75	33	48-8M0005291	48-8M0005292
15.5	33	48-8M0005321	48-8M0005322
15.25	33	48-8M0005351	48-8M0005352
15	33	48-8M0005381	48-8M0005382
18	34	48-8M0005023	48-8M0005024
17.75	34	48-8M0005053	48-8M0005054
17.5	34	48-8M0005083	48-8M0005084
17.25	34	48-8M0005113	48-8M0005114
17	34	48-8M0005143	48-8M0005144
16.75	34	48-8M0005173	48-8M0005174
16.5	34	48-8M0005203	48-8M0005204
16.25	34	48-8M0005233	48-8M0005234
16	34	48-8M0005263	48-8M0005264
15.75	34	48-8M0005293	48-8M0005294
15.5	34	48-8M0005323	48-8M0005324
15.25	34	48-8M0005353	48-8M0005354
15	34	48-8M0005383	48-8M0005384
18	35	48-8M0005025	48-8M0005026
17.75	35	48-8M0005055	48-8M0005056
17.5	35	48-8M0005085	48-8M0005086
17.25	35	48-8M0005115	48-8M0005116
17	35	48-8M0005145	48-8M0005146
16.75	35	48-8M0005175	48-8M0005176
16.5	35	48-8M0005205	48-8M0005206
16.25	35	48-8M0005235	48-8M0005236
16	35	48-8M0005265	48-8M0005266
15.75	35	48-8M0005295	48-8M0005296
15.5	35	48-8M0005325	48-8M0005326
15.25	35	48-8M0005355	48-8M0005356
15	35	48-8M0005385	48-8M0005386
18	36	48-8M0005027	48-8M0005028
17.75	36	48-8M0005057	48-8M0005058
17.5	36	48-8M0005087	48-8M0005088
17.25	36	48-8M0005117	48-8M0005118
17	36	48-8M0005147	48-8M0005148
16.75	36	48-8M0005177	48-8M0005178
16.5	36	48-8M0005207	48-8M0005208
16.25	36	48-8M0005237	48-8M0005238
16	36	48-8M0005267	48-8M0005268
15.75	36	48-8M0005297	48-8M0005298
15.5	36	48-8M0005327	48-8M0005328
15.25	36	48-8M0005357	48-8M0005358
15	36	48-8M0005387	48-8M0005388
18	37	48-8M0005029	48-8M0005030

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
17.75	37	48-8M0005059	48-8M0005060
17.5	37	48-8M0005089	48-8M0005090
17.25	37	48-8M0005119	48-8M0005120
17	37	48-8M0005149	48-8M0005150
16.75	37	48-8M0005179	48-8M0005180
16.5	37	48-8M0005209	48-8M0005210
16.25	37	48-8M0005239	48-8M0005240
16	37	48-8M0005269	48-8M0005270
15.75	37	48-8M0005299	48-8M0005300
15.5	37	48-8M0005329	48-8M0005330
15.25	37	48-8M0005359	48-8M0005360
15	37	48-8M0005389	48-8M0005390
18	38	48-8M0005031	48-8M0005032
17.75	38	48-8M0005061	48-8M0005062
17.5	38	48-8M0005091	48-8M0005092
17.25	38	48-8M0005121	48-8M0005122
17	38	48-8M0005151	48-8M0005152
16.75	38	48-8M0005181	48-8M0005182
16.5	38	48-8M0005211	48-8M0005212
16.25	38	48-8M0005241	48-8M0005242
16	38	48-8M0005271	48-8M0005272
15.75	38	48-8M0005301	48-8M0005302
15.5	38	48-8M0005331	48-8M0005332
15.25	38	48-8M0005361	48-8M0005362
15	38	48-8M0005391	48-8M0005392
18	39	48-8M0005033	48-8M0005034
17.75	39	48-8M0005063	48-8M0005064
17.5	39	48-8M0005093	48-8M0005094
17.25	39	48-8M0005123	48-8M0005124
17	39	48-8M0005153	48-8M0005154
16.75	39	48-8M0005183	48-8M0005184
16.5	39	48-8M0005213	48-8M0005214
16.25	39	48-8M0005243	48-8M0005244
16	39	48-8M0005273	48-8M0005274
15.75	39	48-8M0005303	48-8M0005304
15.5	39	48-8M0005333	48-8M0005334
15.25	39	48-8M0005363	48-8M0005364
15	39	48-8M0005393	48-8M0005394
18	40	48-8M0005035	48-8M0005036
17.75	40	48-8M0005065	48-8M0005066
17.5	40	48-8M0005095	48-8M0005096
17.25	40	48-8M0005125	48-8M0005126
17	40	48-8M0005155	48-8M0005156
16.75	40	48-8M0005185	48-8M0005186
16.5	40	48-8M0005215	48-8M0005216
16.25	40	48-8M0005245	48-8M0005246
16	40	48-8M0005275	48-8M0005276
15.75	40	48-8M0005305	48-8M0005306
15.5	40	48-8M0005335	48-8M0005336
15.25	40	48-8M0005365	48-8M0005366
15	40	48-8M0005395	48-8M0005396

CNC CLEAVER 6 BLADE 18 DEGREE RAKE POLISHED LAB FINISHED STERNDRIVE PROPELLER



CNC Cleaver, Heat Treated SS 6 Blade, 18 Degree Rake - 1200 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8. Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	30	48-8M0013897	48-8M0013898
17.75	30	48-8M0013927	48-8M0013928
17.5	30	48-8M0013957	48-8M0013958
17.25	30	48-8M0013987	48-8M0013988
17	30	48-8M0014017	48-8M0014018
16.75	30	48-8M0014047	48-8M0014048
16.5	30	48-8M0014077	48-8M0014078
16.25	30	48-8M0014107	48-8M0014108
16	30	48-8M0014137	48-8M0014138
15.75	30	48-8M0014167	48-8M0014168
15.5	30	48-8M0014197	48-8M0014198
15.25	30	48-8M0014227	48-8M0014228
15	30	48-8M0014257	48-8M0014258
18	31	48-8M0013899	48-8M0013900
17.75	31	48-8M0013929	48-8M0013930
17.5	31	48-8M0013959	48-8M0013960
17.25	31	48-8M0013989	48-8M0013990
17	31	48-8M0014019	48-8M0014020
16.75	31	48-8M0014049	48-8M0014050
16.5	31	48-8M0014079	48-8M0014080
16.25	31	48-8M0014109	48-8M0014110
16	31	48-8M0014139	48-8M0014140
15.75	31	48-8M0014169	48-8M0014170
15.5	31	48-8M0014199	48-8M0014200
15.25	31	48-8M0014229	48-8M0014230
15	31	48-8M0014259	48-8M0014260
18	32	48-8M0013901	48-8M0013902
17.75	32	48-8M0013931	48-8M0013932
17.5	32	48-8M0013961	48-8M0013962
17.25	32	48-8M0013991	48-8M0013992
17	32	48-8M0014021	48-8M0014022
16.75	32	48-8M0014051	48-8M0014052
16.5	32	48-8M0014081	48-8M0014082
16.25	32	48-8M0014111	48-8M0014112
16	32	48-8M0014141	48-8M0014142
15.75	32	48-8M0014171	48-8M0014172
15.5	32	48-8M0014201	48-8M0014202

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
15.25	32	48-8M0014231	48-8M0014232
15	32	48-8M0014261	48-8M0014262
18	33	48-8M0013903	48-8M0013904
17.75	33	48-8M0013933	48-8M0013934
17.5	33	48-8M0013963	48-8M0013964
17.25	33	48-8M0013993	48-8M0013994
17	33	48-8M0014023	48-8M0014024
16.75	33	48-8M0014053	48-8M0014054
16.5	33	48-8M0014083	48-8M0014084
16.25	33	48-8M0014113	48-8M0014114
16	33	48-8M0014143	48-8M0014144
15.75	33	48-8M0014173	48-8M0014174
15.5	33	48-8M0014203	48-8M0014204
15.25	33	48-8M0014233	48-8M0014234
15	33	48-8M0014263	48-8M0014264
18	34	48-8M0013905	48-8M0013906
17.75	34	48-8M0013935	48-8M0013936
17.5	34	48-8M0013965	48-8M0013966
17.25	34	48-8M0013995	48-8M0013996
17	34	48-8M0014025	48-8M0014026
16.75	34	48-8M0014055	48-8M0014056
16.5	34	48-8M0014085	48-8M0014086
16.25	34	48-8M0014115	48-8M0014116
16	34	48-8M0014145	48-8M0014146
15.75	34	48-8M0014175	48-8M0014176
15.5	34	48-8M0014205	48-8M0014206
15.25	34	48-8M0014235	48-8M0014236
15	34	48-8M0014265	48-8M0014266
18	35	48-8M0013907	48-8M0013908
17.75	35	48-8M0013937	48-8M0013938
17.5	35	48-8M0013967	48-8M0013968
17.25	35	48-8M0013997	48-8M0013998
17	35	48-8M0014027	48-8M0014028
16.75	35	48-8M0014057	48-8M0014058
16.5	35	48-8M0014087	48-8M0014088
16.25	35	48-8M0014117	48-8M0014118
16	35	48-8M0014147	48-8M0014148
15.75	35	48-8M0014177	48-8M0014178
15.5	35	48-8M0014207	48-8M0014208
15.25	35	48-8M0014237	48-8M0014238
15	35	48-8M0014267	48-8M0014268
18	36	48-8M0013909	48-8M0013910
17.75	36	48-8M0013939	48-8M0013940
17.5	36	48-8M0013969	48-8M0013970
17.25	36	48-8M0013999	48-8M0014000
17	36	48-8M0014029	48-8M0014030
16.75	36	48-8M0014059	48-8M0014060
16.5	36	48-8M0014089	48-8M0014090
16.25	36	48-8M0014119	48-8M0014120
16	36	48-8M0014149	48-8M0014150
15.75	36	48-8M0014179	48-8M0014180
15.5	36	48-8M0014209	48-8M0014210
15.25	36	48-8M0014239	48-8M0014240
15	36	48-8M0014269	48-8M0014270
18	37	48-8M0013911	48-8M0013912
17.75	37	48-8M0013941	48-8M0013942

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
17.5	37	48-8M0013971	48-8M0013972
17.25	37	48-8M0014001	48-8M0014002
17	37	48-8M0014031	48-8M0014032
16.75	37	48-8M0014061	48-8M0014062
16.5	37	48-8M0014091	48-8M0014092
16.25	37	48-8M0014121	48-8M0014122
16	37	48-8M0014151	48-8M0014152
15.75	37	48-8M0014181	48-8M0014182
15.5	37	48-8M0014211	48-8M0014212
15.25	37	48-8M0014241	48-8M0014242
15	37	48-8M0014271	48-8M0014272
18	38	48-8M0013913	48-8M0013914
17.75	38	48-8M0013943	48-8M0013944
17.5	38	48-8M0013973	48-8M0013974
17.25	38	48-8M0014003	48-8M0014004
17	38	48-8M0014033	48-8M0014034
16.75	38	48-8M0014063	48-8M0014064
16.5	38	48-8M0014093	48-8M0014094
16.25	38	48-8M0014123	48-8M0014124
16	38	48-8M0014153	48-8M0014154
15.75	38	48-8M0014183	48-8M0014184
15.5	38	48-8M0014213	48-8M0014214
15.25	38	48-8M0014243	48-8M0014244
15	38	48-8M0014273	48-8M0014274
18	39	48-8M0013915	48-8M0013916
17.75	39	48-8M0013945	48-8M0013946
17.5	39	48-8M0013975	48-8M0013976
17.25	39	48-8M0014005	48-8M0014006
17	39	48-8M0014035	48-8M0014036
16.75	39	48-8M0014065	48-8M0014066
16.5	39	48-8M0014095	48-8M0014096
16.25	39	48-8M0014125	48-8M0014126
16	39	48-8M0014155	48-8M0014156
15.75	39	48-8M0014185	48-8M0014186
15.5	39	48-8M0014215	48-8M0014216
15.25	39	48-8M0014245	48-8M0014246
15	39	48-8M0014275	48-8M0014276
18	40	48-8M0013917	48-8M0013918
17.75	40	48-8M0013947	48-8M0013948
17.5	40	48-8M0013977	48-8M0013978
17.25	40	48-8M0014007	48-8M0014008
17	40	48-8M0014037	48-8M0014038
16.75	40	48-8M0014067	48-8M0014068
16.5	40	48-8M0014097	48-8M0014098
16.25	40	48-8M0014127	48-8M0014128
16	40	48-8M0014157	48-8M0014158
15.75	40	48-8M0014187	48-8M0014188
15.5	40	48-8M0014217	48-8M0014218
15.25	40	48-8M0014247	48-8M0014248
15	40	48-8M0014277	48-8M0014278

CNC Cleaver, Heat Treated SS 6 Blade, 18 Degree Rake – 900 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8. Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	30	48-8M0015067	48-8M0015068
17.75	30	48-8M0015097	48-8M0015098
17.5	30	48-8M0015127	48-8M0015128
17.25	30	48-8M0015157	48-8M0015158
17	30	48-8M0015187	48-8M0015188
16.75	30	48-8M0015217	48-8M0015218
16.5	30	48-8M0015247	48-8M0015248
16.25	30	48-8M0015277	48-8M0015278
16	30	48-8M0015307	48-8M0015308
15.75	30	48-8M0015337	48-8M0015338
15.5	30	48-8M0015367	48-8M0015368
15.25	30	48-8M0015397	48-8M0015398
15	30	48-8M0015427	48-8M0015428
18	31	48-8M0015069	48-8M0015070
17.75	31	48-8M0015099	48-8M0015100
17.5	31	48-8M0015129	48-8M0015130
17.25	31	48-8M0015159	48-8M0015160
17	31	48-8M0015189	48-8M0015190
16.75	31	48-8M0015219	48-8M0015220
16.5	31	48-8M0015249	48-8M0015250
16.25	31	48-8M0015279	48-8M0015280
16	31	48-8M0015309	48-8M0015310
15.75	31	48-8M0015339	48-8M0015340
15.5	31	48-8M0015369	48-8M0015370
15.25	31	48-8M0015399	48-8M0015400
15	31	48-8M0015429	48-8M0015430
18	32	48-8M0015071	48-8M0015072
17.75	32	48-8M0015101	48-8M0015102
17.5	32	48-8M0015131	48-8M0015132
17.25	32	48-8M0015161	48-8M0015162
17	32	48-8M0015191	48-8M0015192
16.75	32	48-8M0015221	48-8M0015222
16.5	32	48-8M0015251	48-8M0015252
16.25	32	48-8M0015281	48-8M0015282
16	32	48-8M0015311	48-8M0015312
15.75	32	48-8M0015341	48-8M0015342
15.5	32	48-8M0015371	48-8M0015372
15.25	32	48-8M0015401	48-8M0015402
15	32	48-8M0015431	48-8M0015432
18	33	48-8M0015073	48-8M0015074
17.75	33	48-8M0015103	48-8M0015104
17.5	33	48-8M0015133	48-8M0015134
17.25	33	48-8M0015163	48-8M0015164
17	33	48-8M0015193	48-8M0015194
16.75	33	48-8M0015223	48-8M0015224
16.5	33	48-8M0015253	48-8M0015254
16.25	33	48-8M0015283	48-8M0015284
16	33	48-8M0015313	48-8M0015314
15.75	33	48-8M0015343	48-8M0015344
15.5	33	48-8M0015373	48-8M0015374
15.25	33	48-8M0015403	48-8M0015404
15	33	48-8M0015433	48-8M0015434
18	34	48-8M0015075	48-8M0015076
17.75	34	48-8M0015105	48-8M0015106
17.5	34	48-8M0015135	48-8M0015136
17.25	34	48-8M0015165	48-8M0015166
17	34	48-8M0015195	48-8M0015196
16.75	34	48-8M0015225	48-8M0015226
16.5	34	48-8M0015255	48-8M0015256
16.25	34	48-8M0015285	48-8M0015286
16	34	48-8M0015315	48-8M0015316
15.75	34	48-8M0015345	48-8M0015346
15.5	34	48-8M0015375	48-8M0015376
15.25	34	48-8M0015405	48-8M0015406
15	34	48-8M0015435	48-8M0015436
18	35	48-8M0015077	48-8M0015078
17.75	35	48-8M0015107	48-8M0015108
17.5	35	48-8M0015137	48-8M0015138
17.25	35	48-8M0015167	48-8M0015168
17	35	48-8M0015197	48-8M0015198
16.75	35	48-8M0015227	48-8M0015228
16.5	35	48-8M0015257	48-8M0015258
16.25	35	48-8M0015287	48-8M0015288
16	35	48-8M0015317	48-8M0015318
15.75	35	48-8M0015347	48-8M0015348
15.5	35	48-8M0015377	48-8M0015378
15.25	35	48-8M0015407	48-8M0015408
15	35	48-8M0015437	48-8M0015438
18	36	48-8M0015079	48-8M0015080
17.75	36	48-8M0015109	48-8M0015110
17.5	36	48-8M0015139	48-8M0015140
17.25	36	48-8M0015169	48-8M0015170
17	36	48-8M0015199	48-8M0015200
16.75	36	48-8M0015229	48-8M0015230
16.5	36	48-8M0015259	48-8M0015260
16.25	36	48-8M0015289	48-8M0015290
16	36	48-8M0015319	48-8M0015320
15.75	36	48-8M0015349	48-8M0015350
15.5	36	48-8M0015379	48-8M0015380
15.25	36	48-8M0015409	48-8M0015410
15	36	48-8M0015439	48-8M0015440
18	37	48-8M0015081	48-8M0015082
17.75	37	48-8M0015111	48-8M0015112
17.5	37	48-8M0015141	48-8M0015142
17.25	37	48-8M0015171	48-8M0015172
17	37	48-8M0015201	48-8M0015202
16.75	37	48-8M0015231	48-8M0015232
16.5	37	48-8M0015261	48-8M0015262
16.25	37	48-8M0015291	48-8M0015292
16	37	48-8M0015321	48-8M0015322
15.75	37	48-8M0015351	48-8M0015352
15.5	37	48-8M0015381	48-8M0015382
15.25	37	48-8M0015411	48-8M0015412
15	37	48-8M0015441	48-8M0015442
18	38	48-8M0015083	48-8M0015084
17.75	38	48-8M0015113	48-8M0015114
17.5	38	48-8M0015143	48-8M0015144

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
17.25	38	48-8M0015173	48-8M0015174
17	38	48-8M0015203	48-8M0015204
16.75	38	48-8M0015233	48-8M0015234
16.5	38	48-8M0015263	48-8M0015264
16.25	38	48-8M0015293	48-8M0015294
16	38	48-8M0015323	48-8M0015324
15.75	38	48-8M0015353	48-8M0015354
15.5	38	48-8M0015383	48-8M0015384
15.25	38	48-8M0015413	48-8M0015414
15	38	48-8M0015443	48-8M0015444
18	39	48-8M0015085	48-8M0015086
17.75	39	48-8M0015115	48-8M0015116
17.5	39	48-8M0015145	48-8M0015146
17.25	39	48-8M0015175	48-8M0015176
17	39	48-8M0015205	48-8M0015206
16.75	39	48-8M0015235	48-8M0015236
16.5	39	48-8M0015265	48-8M0015266
16.25	39	48-8M0015295	48-8M0015296
16	39	48-8M0015325	48-8M0015326
15.75	39	48-8M0015355	48-8M0015356
15.5	39	48-8M0015385	48-8M0015386
15.25	39	48-8M0015415	48-8M0015416
15	39	48-8M0015445	48-8M0015446
18	40	48-8M0015087	48-8M0015088
17.75	40	48-8M0015117	48-8M0015118
17.5	40	48-8M0015147	48-8M0015148
17.25	40	48-8M0015177	48-8M0015178
17	40	48-8M0015207	48-8M0015208
16.75	40	48-8M0015237	48-8M0015238
16.5	40	48-8M0015267	48-8M0015268
16.25	40	48-8M0015297	48-8M0015298
16	40	48-8M0015327	48-8M0015328
15.75	40	48-8M0015357	48-8M0015358
15.5	40	48-8M0015387	48-8M0015388
15.25	40	48-8M0015417	48-8M0015418
15	40	48-8M0015447	48-8M0015448

CNC CLEAVER 6 BLADE 21 DEGREE RAKE POLISHED LAB FINISHED STERNDRIVE PROPELLER



CNC Cleaver, Heat Treated SS 6 Blade, 21 Degree Rake - 1200 HP

IIIA, IV, V, VI, VII SSM, NTX1, M8. Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	30	48-8M0017479	48-8M0017480
17.75	30	48-8M0017509	48-8M0017510
17.5	30	48-8M0017539	48-8M0017540
17.25	30	48-8M0017569	48-8M0017570
17	30	48-8M0017599	48-8M0017600
16.75	30	48-8M0017629	48-8M0017630
16.5	30	48-8M0017659	48-8M0017660
16.25	30	48-8M0017689	48-8M0017690
16	30	48-8M0017719	48-8M0017720
15.75	30	48-8M0017749	48-8M0017750
15.5	30	48-8M0017779	48-8M0017780
15.25	30	48-8M0017809	48-8M0017810
15	30	48-8M0017839	48-8M0017840
18	31	48-8M0017481	48-8M0017482
17.75	31	48-8M0017511	48-8M0017512
17.5	31	48-8M0017541	48-8M0017542
17.25	31	48-8M0017571	48-8M0017572
17	31	48-8M0017601	48-8M0017602
16.75	31	48-8M0017631	48-8M0017632
16.5	31	48-8M0017661	48-8M0017662
16.25	31	48-8M0017691	48-8M0017692
16	31	48-8M0017721	48-8M0017722
15.75	31	48-8M0017751	48-8M0017752
15.5	31	48-8M0017781	48-8M0017782
15.25	31	48-8M0017811	48-8M0017812
15	31	48-8M0017841	48-8M0017842
18	32	48-8M0017483	48-8M0017484
17.75	32	48-8M0017513	48-8M0017514
17.5	32	48-8M0017543	48-8M0017544
17.25	32	48-8M0017573	48-8M0017574
17	32	48-8M0017603	48-8M0017604
16.75	32	48-8M0017633	48-8M0017634
16.5	32	48-8M0017663	48-8M0017664
16.25	32	48-8M0017693	48-8M0017694
16	32	48-8M0017723	48-8M0017724
15.75	32	48-8M0017753	48-8M0017754
15.5	32	48-8M0017783	48-8M0017784
15.25	32	48-8M0017813	48-8M0017814
15	32	48-8M0017843	48-8M0017844
18	33	48-8M0017485	48-8M0017486
17.75	33	48-8M0017515	48-8M0017516
17.5	33	48-8M0017545	48-8M0017546
17.25	33	48-8M0017575	48-8M0017576
17	33	48-8M0017605	48-8M0017606
16.75	33	48-8M0017635	48-8M0017636
16.5	33	48-8M0017665	48-8M0017666
16.25	33	48-8M0017695	48-8M0017696
16	33	48-8M0017725	48-8M0017726
15.75	33	48-8M0017755	48-8M0017756
15.5	33	48-8M0017785	48-8M0017786
15.25	33	48-8M0017815	48-8M0017816

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
15	33	48-8M0017845	48-8M0017846
18	34	48-8M0017487	48-8M0017488
17.75	34	48-8M0017517	48-8M0017518
17.5	34	48-8M0017547	48-8M0017548
17.25	34	48-8M0017577	48-8M0017578
17	34	48-8M0017607	48-8M0017608
16.75	34	48-8M0017637	48-8M0017638
16.5	34	48-8M0017667	48-8M0017668
16.25	34	48-8M0017697	48-8M0017698
16	34	48-8M0017727	48-8M0017728
15.75	34	48-8M0017757	48-8M0017758
15.5	34	48-8M0017787	48-8M0017788
15.25	34	48-8M0017817	48-8M0017818
15	34	48-8M0017847	48-8M0017848
18	35	48-8M0017489	48-8M0017490
17.75	35	48-8M0017519	48-8M0017520
17.5	35	48-8M0017549	48-8M0017550
17.25	35	48-8M0017579	48-8M0017580
17	35	48-8M0017609	48-8M0017610
16.75	35	48-8M0017639	48-8M0017640
16.5	35	48-8M0017669	48-8M0017670
16.25	35	48-8M0017699	48-8M0017700
16	35	48-8M0017729	48-8M0017730
15.75	35	48-8M0017759	48-8M0017760
15.5	35	48-8M0017789	48-8M0017790
15.25	35	48-8M0017819	48-8M0017820
15	35	48-8M0017849	48-8M0017850
18	36	48-8M0017491	48-8M0017492
17.75	36	48-8M0017521	48-8M0017522
17.5	36	48-8M0017551	48-8M0017552
17.25	36	48-8M0017581	48-8M0017582
17	36	48-8M0017611	48-8M0017612
16.75	36	48-8M0017641	48-8M0017642
16.5	36	48-8M0017671	48-8M0017672
16.25	36	48-8M0017701	48-8M0017702
16	36	48-8M0017731	48-8M0017732
15.75	36	48-8M0017761	48-8M0017762
15.5	36	48-8M0017791	48-8M0017792
15.25	36	48-8M0017821	48-8M0017822
15	36	48-8M0017851	48-8M0017852
18	37	48-8M0017493	48-8M0017494
17.75	37	48-8M0017523	48-8M0017524
17.5	37	48-8M0017553	48-8M0017554
17.25	37	48-8M0017583	48-8M0017584
17	37	48-8M0017613	48-8M0017614
16.75	37	48-8M0017643	48-8M0017644
16.5	37	48-8M0017673	48-8M0017674
16.25	37	48-8M0017703	48-8M0017704
16	37	48-8M0017733	48-8M0017734
15.75	37	48-8M0017763	48-8M0017764
15.5	37	48-8M0017793	48-8M0017794
15.25	37	48-8M0017823	48-8M0017824
15	37	48-8M0017853	48-8M0017854
18	38	48-8M0017495	48-8M0017496
17.75	38	48-8M0017525	48-8M0017526
17.5	38	48-8M0017555	48-8M0017556
17.25	38	48-8M0017585	48-8M0017586
17	38	48-8M0017615	48-8M0017616
16.75	38	48-8M0017645	48-8M0017646
16.5	38	48-8M0017675	48-8M0017676
16.25	38	48-8M0017705	48-8M0017706
16	38	48-8M0017735	48-8M0017736
15.75	38	48-8M0017765	48-8M0017766
15.5	38	48-8M0017795	48-8M0017796
15.25	38	48-8M0017825	48-8M0017826
15	38	48-8M0017855	48-8M0017856
18	39	48-8M0017497	48-8M0017498
17.75	39	48-8M0017527	48-8M0017528
17.5	39	48-8M0017557	48-8M0017558
17.25	39	48-8M0017587	48-8M0017588
17	39	48-8M0017617	48-8M0017618
16.75	39	48-8M0017647	48-8M0017648
16.5	39	48-8M0017677	48-8M0017678
16.25	39	48-8M0017707	48-8M0017708
16	39	48-8M0017737	48-8M0017738
15.75	39	48-8M0017767	48-8M0017768
15.5	39	48-8M0017797	48-8M0017798
15.25	39	48-8M0017827	48-8M0017828
15	39	48-8M0017857	48-8M0017858
18	40	48-8M0017499	48-8M0017500
17.75	40	48-8M0017529	48-8M0017530
17.5	40	48-8M0017559	48-8M0017560
17.25	40	48-8M0017589	48-8M0017590
17	40	48-8M0017619	48-8M0017620
16.75	40	48-8M0017649	48-8M0017650
16.5	40	48-8M0017679	48-8M0017680
16.25	40	48-8M0017709	48-8M0017710
16	40	48-8M0017739	48-8M0017740
15.75	40	48-8M0017769	48-8M0017770
15.5	40	48-8M0017799	48-8M0017800
15.25	40	48-8M0017829	48-8M0017830
15	40	48-8M0017859	48-8M0017860

CNC Cleaver, Heat Treated SS 6 Blade, 21 Degree Rake - 900 HP

IIIA, IV, V, VI, VII SSM, NXT1, M8. Case 8M0107970 included.
26 Spline hub with 1.75/1.88 in.(44.5/47.7mm) O.D. propeller shaft and 6 in. (152mm) hub length

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	30	48-8M0018649	48-8M0018650
17.75	30	48-8M0018679	48-8M0018680
17.5	30	48-8M0018709	48-8M0018710
17.25	30	48-8M0018739	48-8M0018740
17	30	48-8M0018769	48-8M0018770
16.75	30	48-8M0018799	48-8M0018800
16.5	30	48-8M0018829	48-8M0018830
16.25	30	48-8M0018859	48-8M0018860
16	30	48-8M0018889	48-8M0018890
15.75	30	48-8M0018919	48-8M0018920
15.5	30	48-8M0018949	48-8M0018950
15.25	30	48-8M0018979	48-8M0018980
15	30	48-8M0019009	48-8M0019010

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
18	31	48-8M0018651	48-8M0018652
17.75	31	48-8M0018681	48-8M0018682
17.5	31	48-8M0018711	48-8M0018712
17.25	31	48-8M0018741	48-8M0018742
17	31	48-8M0018771	48-8M0018772
16.75	31	48-8M0018801	48-8M0018802
16.5	31	48-8M0018831	48-8M0018832
16.25	31	48-8M0018861	48-8M0018862
16	31	48-8M0018891	48-8M0018892
15.75	31	48-8M0018921	48-8M0018922
15.5	31	48-8M0018951	48-8M0018952
15.25	31	48-8M0018981	48-8M0018982
15	31	48-8M0019011	48-8M0019012
18	32	48-8M0018653	48-8M0018654
17.75	32	48-8M0018683	48-8M0018684
17.5	32	48-8M0018713	48-8M0018714
17.25	32	48-8M0018743	48-8M0018744
17	32	48-8M0018773	48-8M0018774
16.75	32	48-8M0018803	48-8M0018804
16.5	32	48-8M0018833	48-8M0018834
16.25	32	48-8M0018863	48-8M0018864
16	32	48-8M0018893	48-8M0018894
15.75	32	48-8M0018923	48-8M0018924
15.5	32	48-8M0018953	48-8M0018954
15.25	32	48-8M0018983	48-8M0018984
15	32	48-8M0019013	48-8M0019014
18	33	48-8M0018655	48-8M0018656
17.75	33	48-8M0018685	48-8M0018686
17.5	33	48-8M0018715	48-8M0018716
17.25	33	48-8M0018745	48-8M0018746
17	33	48-8M0018775	48-8M0018776
16.75	33	48-8M0018805	48-8M0018806
16.5	33	48-8M0018835	48-8M0018836
16.25	33	48-8M0018865	48-8M0018866
16	33	48-8M0018895	48-8M0018896
15.75	33	48-8M0018925	48-8M0018926
15.5	33	48-8M0018955	48-8M0018956
15.25	33	48-8M0018985	48-8M0018986
15	33	48-8M0019015	48-8M0019016
18	34	48-8M0018657	48-8M0018658
17.75	34	48-8M0018687	48-8M0018688
17.5	34	48-8M0018717	48-8M0018718
17.25	34	48-8M0018747	48-8M0018748
17	34	48-8M0018777	48-8M0018778
16.75	34	48-8M0018807	48-8M0018808
16.5	34	48-8M0018837	48-8M0018838
16.25	34	48-8M0018867	48-8M0018868
16	34	48-8M0018897	48-8M0018898
15.75	34	48-8M0018927	48-8M0018928
15.5	34	48-8M0018957	48-8M0018958
15.25	34	48-8M0018987	48-8M0018988
15	34	48-8M0019017	48-8M0019018
18	35	48-8M0018659	48-8M0018660
17.75	35	48-8M0018689	48-8M0018690
17.5	35	48-8M0018719	48-8M0018720
17.25	35	48-8M0018749	48-8M0018750

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
17	35	48-8M0018779	48-8M0018780
16.75	35	48-8M0018809	48-8M0018810
16.5	35	48-8M0018839	48-8M0018840
16.25	35	48-8M0018869	48-8M0018870
16	35	48-8M0018899	48-8M0018900
15.75	35	48-8M0018929	48-8M0018930
15.5	35	48-8M0018959	48-8M0018960
15.25	35	48-8M0018989	48-8M0018990
15	35	48-8M0019019	48-8M0019020
18	36	48-8M0018661	48-8M0018662
17.75	36	48-8M0018691	48-8M0018692
17.5	36	48-8M0018721	48-8M0018722
17.25	36	48-8M0018751	48-8M0018752
17	36	48-8M0018781	48-8M0018782
16.75	36	48-8M0018811	48-8M0018812
16.5	36	48-8M0018841	48-8M0018842
16.25	36	48-8M0018871	48-8M0018872
16	36	48-8M0018901	48-8M0018902
15.75	36	48-8M0018931	48-8M0018932
15.5	36	48-8M0018961	48-8M0018962
15.25	36	48-8M0018991	48-8M0018992
15	36	48-8M0019021	48-8M0019022
18	37	48-8M0018663	48-8M0018664
17.75	37	48-8M0018693	48-8M0018694
17.5	37	48-8M0018723	48-8M0018724
17.25	37	48-8M0018753	48-8M0018754
17	37	48-8M0018783	48-8M0018784
16.75	37	48-8M0018813	48-8M0018814
16.5	37	48-8M0018843	48-8M0018844
16.25	37	48-8M0018873	48-8M0018874
16	37	48-8M0018903	48-8M0018904
15.75	37	48-8M0018933	48-8M0018934
15.5	37	48-8M0018963	48-8M0018964
15.25	37	48-8M0018993	48-8M0018994
15	37	48-8M0019023	48-8M0019024
18	38	48-8M0018665	48-8M0018666
17.75	38	48-8M0018695	48-8M0018696
17.5	38	48-8M0018725	48-8M0018726
17.25	38	48-8M0018755	48-8M0018756
17	38	48-8M0018785	48-8M0018786
16.75	38	48-8M0018815	48-8M0018816
16.5	38	48-8M0018845	48-8M0018846
16.25	38	48-8M0018875	48-8M0018876
16	38	48-8M0018905	48-8M0018906
15.75	38	48-8M0018935	48-8M0018936
15.5	38	48-8M0018965	48-8M0018966
15.25	38	48-8M0018995	48-8M0018996
15	38	48-8M0019025	48-8M0019026
18	39	48-8M0018667	48-8M0018668
17.75	39	48-8M0018697	48-8M0018698
17.5	39	48-8M0018727	48-8M0018728
17.25	39	48-8M0018757	48-8M0018758
17	39	48-8M0018787	48-8M0018788
16.75	39	48-8M0018817	48-8M0018818
16.5	39	48-8M0018847	48-8M0018848
16.25	39	48-8M0018877	48-8M0018878

Diameter (Inches)	Pitch	LH Rotation	RH Rotation
16	39	48-8M0018907	48-8M0018908
15.75	39	48-8M0018937	48-8M0018938
15.5	39	48-8M0018967	48-8M0018968
15.25	39	48-8M0018997	48-8M0018998
15	39	48-8M0019027	48-8M0019028
18	40	48-8M0018669	48-8M0018670
17.75	40	48-8M0018699	48-8M0018700
17.5	40	48-8M0018729	48-8M0018730
17.25	40	48-8M0018759	48-8M0018760
17	40	48-8M0018789	48-8M0018790
16.75	40	48-8M0018819	48-8M0018820
16.5	40	48-8M0018849	48-8M0018850
16.25	40	48-8M0018879	48-8M0018880
16	40	48-8M0018909	48-8M0018910
15.75	40	48-8M0018939	48-8M0018940
15.5	40	48-8M0018969	48-8M0018970
15.25	40	48-8M0018999	48-8M0019000
15	40	48-8M0019029	48-8M0019030

QUICKSILVER PROPELLER APPLICATION CHARTS

EVINRUDE/JOHNSON OUTBOARD APPLICATION CHARTS

9.5-14 Horsepower - Evinrude/Johnson

9.5 HP 1964-73
10 HP 1958-63
10-14 HP Commercial 1982-94
Pin Drive

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
All Purpose		8 1/4 X 8 RH	AL	3	Black Diamond	QA3178R	387334	Rubber Bushing

8-15 Horsepower - Evinrude/Johnson

9.9 - 15 HP 2-Strokes 1974-2000
8 - 9.9 - 15 HP 4-Strokes 2000-2001
13 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
All Purpose		9.25 X 10 RH	AL	3	Black Diamond	QA3168R	174950	Rubber Bushing
All Purpose		9.25 X 11 RH	AL	3	Black Diamond	QA3170R	174817	Rubber Bushing

15-25 Horsepower - Evinrude/Johnson

15 HP 1953-56
18 HP 1957-73
20 HP 1969-73
25 HP 1969-77
Pin Drive

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
12-16 / 3.6-4.8	20-28 / 32-45	9 X 10 RH	AL	3	Black Diamond	QA3150R	383629	Rubber Bushing
12-14 / 3.6-4.2	25-32 / 40-51	9 1/4 X 11 RH	AL	3	Black Diamond	QA3152R	388088	Rubber Bushing

20-35 Horsepower - Evinrude/Johnson

20 HP 1984-97
25 HP 2 & 3 Cyl. 1984 & Newer (including ETEC)
25 HP Commercial 1993 & Newer
35 HP 2 & 3 Cyl. 1976 & Newer
30 HP 2 Cyl. 1984 & Newer (including ETEC)
14 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
17-20 / 5.2-6.1	10-20 / 16-32	10 1/2 X 11 RH	AL	3	Black Diamond	QA3114R	175190	Rubber Bushing
13-15 / 3.9-4.5	26-34 / 42-54	10 X 13 RH	AL	3	Black Diamond	QA3118R	175191	Rubber Bushing

40-50 Horsepower - Johnson 4-Stroke

40 HP 4-Stroke 2000-2007
50 HP 4-Stroke 2000-2007
13 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
14-19 / 4.2-5.8	16-26 / 26-42	11 1/2 X 13 RH	AL	3	Black Diamond	QA2078X	5031619	Rubber Bushing

45-75 Hp Large Gearcase - Evinrude/Johnson

40 HP ETEC 2004 & Newer
45 HP 2 Cyl Commercial 1986 & Newer
50 HP ETEC 2004 & Newer
50 HP 2 Cyl. 1971-74
50 HP 2 Cyl Commercial 1977-79
50 HP 3 Cyl. 1994-99
55 HP 3 Cyl. 1968-69
55 HP 2 Cyl. Commercial 1980 & Newer
60 HP ETEC 2004 & Newer 60 HP 3 Cyl. 1970-71, 1986 & Newer
65 HP 3 Cyl. 1972-73
65 HP 3 Cyl. Commercial 1984 & Newer
70 HP 3 & 4 Cyl. 1974 & Newer (including 4-stroke)
75 HP 3 Cyl. 1975-84
75 HP ETEC 2004 & Newer
13 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
19-22 / 5.8-6.7	17-26 / 27-42	14 X 13 RH Extra Cup	AL	3	Black Diamond	QA3832X	391668	(1)
17-19 / 5.2-5.8	23-31 / 37-50	13 3/4 X 15 RH	AL	3	Black Diamond	QA2208X	391198	(1)
16-19 / 4.8-5.8	29-36 / 47-58	13 1/4 X 17 RH	AL	3	Black Diamond	QA2206X	391199	(1)

(1) Use Flo-Torq II attaching hardware kit 835266Q1. Purchase Separately.

85 HP-140 HP V-4 Outboard - Evinrude/Johnson

85 HP V-4 1969-80
85 HP V-4 1991-95
88 HP V-4 1981-96
90 HP V-4 1981 & Newer
90 HP ETEC 2004 & Newer
100 HP V-4 1979-80
100 HP V-4 1988-93
110 HP V-4 1986-89
112 HP V-4 1994-96
115 HP V-4 1973 & Newer
115 HP V-4 ETEC 2004 & Newer
120 HP V-4 1986-94
125 HP V-4 1971-72
130 HP V-4 ETEC 2004 & Newer
135 HP V-4 1973-76
140 HP V-4 1977-84
13 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
22-29 / 6.6-8.8	14-28 / 23-45	14 X 13 RH extra cup	AL	3	Black Diamond	QA3832X	391668	(1)
21-26 / 6.4-7.8	24-36 / 39-58	13 3/4 X 15 RH	AL	3	Black Diamond	QA2208X	391198	(1)
18-21 / 5.5-6.4	30-42 / 48-68	13 1/4 X 17 RH	AL	3	Black Diamond	QA2206X	391199	(1)

(1) Use Flo-Torq II attaching hardware kit 835266Q1. Purchase separately.

100 HP-300 HP V-6/V-8 Outboard - Evinrude/Johnson

100 HP V-4 Commercial 1984 & Newer, 115 HP V-4 95 & Newer
120 HP V-4 1985, 130 HP V-4 1995 & Newer
140 HP V-4 (25") 1989-94, 140 HP V-4 1985
150 HP V-6 Commercial 1993 & Newer
150 HP V-6 1978 & Newer (including ETEC)
155 HP V-6 Commercial 1978 & Newer
175 HP V-6 1977 & Newer (including ETEC)
185 HP V-6 1984-85, 200 HP V-6 1976 & Newer
200 HP V-6 ETEC
225 HP V-6 1986 & Newer, 250 HP V-8 1991 & Newer (including ETEC)
250 HP V-6 ETEC
250 HP HO V-6 ETEC
275-300 HP V-8 Two Strokes 1986-95
300 HP V-6 ETEC
150-300 HP E-TEC G2
15 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Pontoon	to 26 / to 42	14 x 12 RH	AL	4	Nemesis	48-8M0055531		(1)
Pontoon	to 29 / to 46	14 x 14 RH	AL	4	Nemesis	48-8M0055533		(1)
21-26 / 6.4-7.8	30-42 / 48-68	14 X 17 RH	AL	4	Nemesis	48-8M0055534		(1)
19-22 / 5.8-6.7	36-49 / 58-79	14 X 19 RH	AL	4	Nemesis	48-8M0055535		(1)
17-20 / 5.2-6.1	42-56 / 68-90	14 X 21 RH	AL	4	Nemesis	48-8M0055536		(1)
15-19 / 4.5-5.8	50-64 / 81-103	14 X 23 RH	AL	4	Nemesis	48-8M0055537		(1)
House/Pontoon	10-25 / 16-40	16 X 13 RH	AL	3	Black Diamond	QA2004X	391536	(1)
House/Cruisers	24-36 / 39-58	15 1/2 X 15 RH	AL	3	Black Diamond	QA2008X		(1)
House/Cruisers	24-36 / 39-58	15 1/2 X 15 RH	AL	3	Black Diamond	QA2008X	391535	(1)
21-26 / 6.4-7.8	30-42 / 48-68	15 X 17 RH	AL	3	Black Diamond	QA1912X	391200	(1)
19-22 / 5.8-6.7	36-49 / 58-79	14 1/2 X 19 RH	AL	3	Black Diamond	QA1916X	391201	(1)
17-20 / 5.2-6.1	42-56 / 68-90	14 1/4 X 21 RH	AL	3	Black Diamond	QA1918X	391202	(1)
15-19 / 4.5-5.8	50-64 / 81-103	14 X 23 RH	AL	3	Black Diamond	QA1920X	391203	(1)
House/Cruisers	24-36 / 39-58	14 1/2 X 15 RH	SS	3	Silverado	QS5050X	174926	(1)
21-26 / 6.4-7.8	30-42 / 48-68	14 1/2 X 17 RH	SS	3	Silverado	QS5052X	176615	(1)
19-22 / 5.8-6.7	36-49 / 58-79	14 X 19 RH	SS	3	Silverado	QS5054X	176617	(1)
17-20 / 5.2-6.1	42-56 / 68-90	13 3/4 X 21 RH	SS	3	Silverado	QS5056X	176619	(1)
House/Cruisers	24-36 / 39-58	15 3/4 X 15 RH	SS	3	Thunderbolt	QS5002X		(1)
21-26 / 6.4-7.8	30-42 / 48-68	15 1/2 X 17 RH	SS	3	Thunderbolt	QS5004X		(1)
19-22 / 5.8-6.7	36-49 / 58-79	15 1/4 X 19 RH	SS	3	Thunderbolt	QS5006X		(1)
17-20 / 5.2-6.1	42-56 / 68-90	14 3/4 X 21 RH	SS	3	Thunderbolt	QS5008X		(1)
Pontoon	10-25 / 16-40	16 X 11P RH	SS	3	Q3	48-8M0103516		(1)
Pontoon	11-26 / 17-41	15.6 X 13P RH	SS	3	Q3	48-8M0103517		(1)
Pontoon	12-27 / 18-42	15.3 X 14P RH	SS	3	Q3	48-8M0103518		(1)
Pontoon/Cruiser	17-30 / 27-49	15 X 15P RH	SS	3	Q3	48-8M0103519		(1)
21-26 / 6.4-7.8	24-36 / 43-63	14.7 X 16P RH	SS	3	Q3	48-8M0103520		(1)
21-26 / 6.4-7.8	30-42 / 48-68	14.5 X 17P RH	SS	3	Q3	48-8M0103521		(1)
19-22 / 5.8-6.7	33-45 / 53-73	14.2 X 18P RH	SS	3	Q3	48-8M0103522		(1)
19-22 / 5.8-6.7	36-49 / 58-79	14.0 X 19P RH	SS	3	Q3	48-8M0103523		(1)
17-20 / 5.2-6.1	42-56 / 68-90	13.6 X 21P RH	SS	3	Q3	48-8M0103525		(1)
21-26 / 6.4-7.8	30-42 / 48-68	14.6 X 17P RH	SS	4	Q4	48-8M0103526		(1)(2)
19-22 / 5.8-6.7	36-49 / 58-79	14.6 X 19P RH	SS	4	Q4	48-8M0103528		(1)(2)
17-20 / 5.2-6.1	42-56 / 68-90	14.6 X 21P RH	SS	4	Q4	48-8M0103530		(1)(2)
15-19 / 4.5-5.8	50-64 / 81-103	14.6 X 23P RH	SS	4	Q4	48-8M0103532		(1)(2)
LH Propellers		15 1/2 X 17 LH	SS	3	Thunderbolt	QS5005X		(1)
		15 1/4 X 19 LH	SS	3	Thunderbolt	QS5007X		(1)
		14.6 X 17P LH	SS	4	Q4	48-8M0103527		(1)(2)
		14.6 X 19P LH	SS	4	Q4	48-8M0103529		(1)(2)

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
		14.6 X 21P LH	SS	4	Q4	48-8M0103531		(1)(2)
		14.6 X 23P LH	SS	4	Q4	48-8M0103533		(1)(2)

(1) Use Flo-Torq II hub kit 835265Q02 for 1991 and newer non E-TEC G2 applications. Use Flo-Torq II hub kit 835267Q1 for 1990 and older applications. Use Flo-Torq II hub kit 8M0107220 for 2014 and newer E-TEC G2 outboards 200-300 hp. Purchase separately.

(2) Use forward bushing 23-856163Q1 along with Flo-Torq hub kit for surface piercing applications with the Q4 and Torrent propellers. Purchase separately.

FORCE OUTBOARD APPLICATION CHARTS

3.5 HP-8 HP - Force

3.5 HP 1980-1984
5 HP 1987-1998
4-8 HP 1968-1988
Flo-Torq I Round Rubber Hub = 318304-3
Prop Pin = FA324101

Length (ft/m)	Propeller Size	Material	Blades	Quicksilver PN	Hub System
All	7.25 x 6.5 RH	Nylon	3	48-820110A20(1)	Rubber Bushing

(1) Standard with 5 HP Engine

9.9-15 Horsepower - Chrysler

9.9 HP - 15 HP 1968-1983
Pin Drive

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	Hub System
All Purpose		8 X 8.5 RH	PL	3	Black Diamond	48-FP6430	Pin Drive
All Purpose		8 X 9 RH	PL	3	Black Diamond	FP6477	Pin Drive

9.9-15 Horsepower - Force

9.9 HP 1996-1998
15 HP 1996-1998
8 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
15-20 / 4.5-6.1	15-18 / 24-29	9 X 7 RH	AL	3	Black Diamond	QA2124R	828152A12	Rubber Bushing
14-19 / 4.2-2.8	16-22 / 25-35	9 X 8 RH	AL	3	Black Diamond	QA2126R	828154A12	Rubber Bushing
to 17 / to 5.2	19-24 / 31-38	9 X 9 RH	AL	3	Black Diamond	QA2128R	828156A12	Rubber Bushing
to 16 / to 4.8	21-28 / 33-45	9 X 10 1/2 RH	AL	3	Black Diamond	QA2130R	828158A12	Rubber Bushing

25 Horsepower - Force

25 HP 3 Cyl. 1995-1998
10 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
12-15 / 3.6-4.5	24-30 / 38-48	10 3/8 X13 RH	AL	3	Black Diamond	QA2106R	19640A40	Rubber Bushing

40-75 Horsepower - Force

40 - 50 HP 1995-1998
75 HP 1996-98
13 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
House/Work	to 17 / to 27	12 1/2 X 8 RH	AL	3	Black Diamond	QA2060X	42738A11	(1)
Work/Pontoon	13-18 / 21-29	12 1/4 X 9 RH	AL	3	Black Diamond	QA2062X	87818A11	(1)
17-22 / 5.2-6.7	18-22 / 29-35	11 1/4 X 10 RH	AL	3	Black Diamond	QA2064X	73132A40	(1)
16-20 / 4.8-6.1	20-24 / 32-38	10 7/8 X 11 RH	AL	3	Black Diamond	QA2070X	85632A40	(1)
15-19 / 4.5-5.8	23-27 / 37-43	10 3/4 X 12 RH	AL	3	Black Diamond	QA2072X	816702A40	(1)
15-19 / 4.5-5.8	23-27 / 37-43	10 5/8 X 12 RH	AL	3	Black Diamond	QA2074X	73134A40	(1)
15-18 / 4.5-5.5	26-30 / 42-48	10 1/2 X 13 RH	AL	3	Black Diamond	QA2076X	816704A40	(1)

QUICKSILVER PROPELLER APPLICATION CHARTS

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
15-18 / 4.5-5.5	26-30 / 42-48	10 3/8 X 13 RH	AL	3	Black Diamond	QA2078X	73136A40	(1)
14-17 / 4.2-5.2	29-32 / 46-51	10 3/8 X 14 RH	AL	3	Black Diamond	QA2080X	816706A40	(1)
14-17 / 4.2-5.2	29-32 / 46-51	10 1/4 X 14 RH	AL	3	Black Diamond	QA2082X	73138A40	(1)
13-16 / 4.0-4.8	31-34 / 50-54	10 1/8 X 15 RH	AL	3	Black Diamond	QA2084X	73140A40	(1)
16-20 / 4.8-6.1	20-24 / 32-38	10.6 X 11 RH	AL	4	Nemesis	48-8M8027510	48-8M8026620	(1)
15-19 / 4.5-5.8	23-27 / 37-43	10.6 X 12 RH	AL	4	Nemesis	48-8M8027511	48-8M8026625	(1)
15-18 / 4.5-5.5	26-30 / 42-48	10.3X 13 RH	AL	4	Nemesis	48-8M8027512	48-8M8026630	(1)
14-17 / 4.2-5.2	29-32 / 46-51	10.1 X 14 RH	AL	4	Nemesis	48-8M8027513	48-8M8026635	(1)
13-16 / 4.0-4.8	31-34 / 50-54	10.1 X 15 RH	AL	4	Nemesis	48-8M8027514	48-8M8026640	(1)
15-18 / 4.5-5.5	26-30 / 42-48	10 1/2 X 13 RH	SS	3	Silverado	QS5166X	855858A5	(1)
14-17 / 4.2-5.2	29-32 / 46-51	10 3/8 X 14 RH	SS	3	Silverado	QS5168X	855860A5	(1)
13-16 / 4.0-4.8	31-34 / 50-54	10 1/4 X 15 RH	SS	3	Silverado	QS5170X	855862A5	(1)

(1) Flo-Torq Reflex Hub System. Hub and required hardware included in box.

75-150 Horsepower - Force

75 HP 1999 & Newer
90, 120, 150 HP 1995 & Newer
15 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
House/Work	to 14 / to 23	14 X 9 RH	AL	3	Black Diamond	QA2026X	854340A45	(1)
Pontoon/Work	to 19 / to 31	14 X 10 RH	AL	3	Black Diamond	QA2028X	854342A45	(1)
Pontoon	to 19 / to 31	14 X 10 RH	AL	3	Black Diamond	QA2828X	854342CP1	(1)(2)
25+ / 7.6	18-21 / 29-34	14 X 11 RH	AL	3	Black Diamond	QA2030X	77338A45	(1)
Pontoon	18-21 / 29-34	14 X 11 RH	AL	3	Black Diamond	QA2830X	77338CP1	(1)(2)
22+ / 6.7	24-27 / 38-43	14 X 13 RH	AL	3	Black Diamond	QA2032X	77340A45	(1)
Pontoon	24-27 / 38-43	14 X 13 RH	AL	3	Black Diamond	QA2832X	77340CP1	(1)(2)
19-24 / 5.8-7.3	30-33 / 48-52	13 3/4 X 15 RH	AL	3	Black Diamond	QA2034X	77342A45	(1)
17-21 / 5.2-6.4	36-39 / 58-63	13 1/4 X 17 RH	AL	3	Black Diamond	QA2036X	77344A45	(1)
16-19 / 4.8-5.8	41-45 / 66-72	13 X 19 RH	AL	3	Black Diamond	QA2038X	77346A45	(1)
15-18 / 4.5-5.5	43-48 / 69-77	12 3/4 X 21 RH	AL	3	Black Diamond	QA2040X	77348A45	(1)
to 16 / to 4.8	46-52 / 74-84	12 1/2 X 23 RH	AL	3	Black Diamond	QA2042X	77350A45	(1)
Pontoon	to 19 / to 31	13.8 X 10 RH	AL	4	Nemesis Pontoon	48-8M8027497	48-8M8026555	(1)
Pontoon	18-21 / 29-34	13.8 X 11 RH	AL	4	Nemesis Pontoon	48-8M8027498	48-8M8026560	(1)
Pontoon	24-27 / 38-43	13.8 X 13 RH	AL	4	Nemesis Pontoon	48-8M8027500	48-8M8026570	(1)
19-24 / 5.8-7.3	30-33 / 48-52	13.4X 15 RH	AL	4	Nemesis	48-8M8027502	48-8M8026570	(1)
17-21 / 5.2-6.4	36-39 / 58-63	13.0 X 17 RH	AL	4	Nemesis	48-8M8027504	48-8M8026590	(1)
16-19 / 4.8-5.8	41-45 / 66-72	12.5 X 19 RH	AL	4	Nemesis	48-8M8027506	48-8M8026600	(1)
Pontoon	24-27 / 38-43	14 X 13 RH	SS	4	Q4	48-8M0055559	48-8M0055547	(1)
19-24 / 5.8-7.3	30-33 / 48-52	13.5 X 15 RH	SS	4	Q4	48-8M0055560	48-8M0055548	(1)
17-21 / 5.2-6.4	36-39 / 58-63	13 X 17 RH	SS	4	Q4	48-8M0055561	48-8M0055549	(1)
16-19 / 4.8-5.8	41-45 / 66-72	12.7 X 19 RH	SS	4	Q4	48-8M0055562	48-8M0055550	(1)
15-18 / 4.4-5.5	44-48 / 75-83	12.7 X 21 RH	SS	4	Q4	48-8M0055563	48-8M0055551	(1)
19-24 / 5.8-7.3	30-33 / 48-52	13 3/8 X 14 RH	SS	3	Silverado	QS5114X	17314A46	(1)
17-21 / 5.2-6.4	36-39 / 58-63	13 1/8 X 16 RH	SS	3	Silverado	QS5116X	16986A46	(1)
16-19 / 4.8-5.8	41-45 / 66-72	13 X 18 RH	SS	3	Silverado	QS5118X	16988A46	(1)

(1) Use Flo-Torq II attaching hardware kit 835257Q1. Purchase separately.

(2) Extra Cup Version.

HONDA OUTBOARD APPLICATION CHARTS

7.5-10 Horsepower - Honda

7.5 HP 1978-87
BF 8 HP 1987-1999
BF 100 (10 HP) All Years
Pin Drive

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
All Purpose		9 X 10 RH	AL	3	Black Diamond	QA3150R		Rubber Bushing
All Purpose		9 1/4 X 11 RH	AL	3	Black Diamond	QA3152R		Rubber Bushing

9.9-20 Horsepower - Honda

BF 8 2000 & Newer
BF 9.9 HP 1988 & Newer
BF 15 HP All Years
BF 20 2003 & Newer
8 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
14-16 / 4.2-4.8	17-21 / 27-34	9 1/4 X 9 RH	AL	3	Black Diamond	QA3906R	58130-ZV4-701ZA	Rubber Bushing
to 15 / to 4.5	21-26 / 34-42	9 1/4 X 10 1/2 RH	AL	3	Black Diamond	QA3914R	58130-ZV4-030ZA	Rubber Bushing

25-30 Horsepower

25-30 Horsepower
BF 25 All Years
BF 30 All Years
10 Tooth Spline
Use existing Honda nut and washer

Length (ft/m)	Current MPH/KPH	Propeller Size	Material	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
16+ / 4.8+	to 20 / to 32	10 x 8 RH	Alum	3	Black Diamond	QA2190R	48-896890A10	Rubber Bushing
13-17 / 3.9-5.2	17-26 / 27-42	9.75 x 9.5 RH	Alum	3	Black Diamond	QA2192R	48-896892A40	Rubber Bushing
13-16 / 3.9-4.8	21-31 / 34-47	9.5 x 11 RH	Alum	3	Black Diamond	QA2196R	48-896896A40	Rubber Bushing
to 16 / to 4.8	25-36 / 40-58	9.25 x 12.5 RH	Alum	3	Black Diamond	QA2200R	48-896900A40	Rubber Bushing
13-17 / 3.9-5.2	17-26 / 27-42	9.3 x 9.5 RH	Alum	4	Nemesis	48-8M8027516	48-8M8026650	Rubber Bushing
13-16 / 3.9-4.8	21-31 / 34-47	9.3 x 11 RH	Alum	4	Nemesis	48-8M8027517	48-8M8026655	Rubber Bushing

35-60 Horsepower - Honda

BF 35 HP 1991-94
BF 40 HP 1995 & Newer
BF 45 HP 1991-94
BF 50/50A HP 1995 & Newer
BF 60 Small Gearcase
13 Tooth Spline
Flo-Torq Reflex Propeller. Replace existing forward thrust washer with Quicksilver thrust washer 8M0046466. Purchase separately.

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
House/Pontoon	11-17 / 17-27	12 1/2 X 8 RH	AL	3	Black Diamond	QA2060X		(1)
Pontoon	16-21 / 25-34	12 1/4 X 9 RH	AL	3	Black Diamond	QA2062X	58130-ZV5-009AH	(1)
17+ / 5.2	20-24 / 32-38	11 1/4 X 10 RH	AL	3	Black Diamond	QA2064X		(1)
16-18 / 4.8-5.5	23-28 / 37-45	10 7/8 X 11 RH	AL	3	Black Diamond	QA2070X	58130-ZV5-850ZA	(1)
15-17 / 4.5-5.2	26-32 / 42-51	10 3/4 X 12 RH	AL	3	Black Diamond	QA2072X	58130-ZV5-012AH	(1)
15-17 / 4.5-5.2	26-32 / 42-51	10 5/8 X 12 RH	AL	3	Black Diamond	QA2074X	58130-ZV5-000ZA	(1)
14-17 / 4.2-5.2	30-35 / 48-57	10 1/2 X 13 RH	AL	3	Black Diamond	QA2076X	58130-ZV5-013AH	(1)
14-17 / 4.2-5.2	30-35 / 48-57	10 3/8 X 13 RH	AL	3	Black Diamond	QA2078X	58130-ZV5-012AH	(1)
14-16 / 4.2-4.8	33-39 / 53-63	10 3/8 X 14 RH	AL	3	Black Diamond	QA2080X	58130-ZV5-014AH	(1)
14-16 / 4.2-4.8	33-39 / 53-63	10 1/4 X 14 RH	AL	3	Black Diamond	QA2082X	58130-ZV5-013AH	(1)
13-15 / 4.0-4.5	36-43 / 58-69	10 1/8 X 15 RH	AL	3	Black Diamond	QA2084X	58130-ZV5-870ZA	(1)
16-18 / 4.8-5.5	23-28 / 37-45	10.6 X 11 RH	AL	4	Nemesis	48-8M8027510		(1)
15-17 / 4.5-5.2	26-32 / 42-51	10.6 X 12 RH	AL	4	Nemesis	48-8M8027511		(1)

QUICKSILVER PROPELLER APPLICATION CHARTS

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
14-17 / 4.2-5.2	30-35 / 48-57	10.3 X 13 RH	AL	4	Nemesis	48-8M8027512		(1)
14-16 / 4.2-4.8	33-39 / 53-63	10.1 X 14 RH	AL	4	Nemesis	48-8M8027513		(1)
13-15 / 4.0-4.5	36-43 / 58-69	10.1 X 15 RH	AL	4	Nemesis	48-8M8027514		(1)
14-17 / 4.2-5.2	30-35 / 48-57	10 1/2 X 13 RH	SS	3	Silverado	QS5166X	58110-ZV5-E20	(1)
14-16 / 4.2-4.8	33-39 / 53-63	10 3/8 X 14 RH	SS	3	Silverado	QS5168X	58110-ZV5-E10	(1)
13-15 / 4.0-4.5	36-43 / 58-69	10 1/4 X 15 RH	SS	3	Silverado	QS5170X	58110-ZV5-E00	(1)

(1) Flo-Torq Reflex Propeller. Replace existing forward thrust washer with Quicksilver thrust washer 8M0046466. Purchase separately.

60 BFP, 75-130 Horsepower - Honda

60 BFP 1995 & newer (Large Gearcase)
75 HP 1995 & Newer
90 HP 1995 & Newer
115 HP 1998 & Newer
130 HP 1998 & Newer
15 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
House/Work	to 14 / to 23	14 X 9 RH	AL	3	Black Diamond	QA2026X		(1)
Pontoon/Work	to 19 / to 31	14 X 10 RH	AL	3	Black Diamond	QA2028X		(1)
Pontoon/Work	to 19 / to 31	14 X 10 RH	AL	3	Black Diamond	QA2828X		(1)(2)
25+ / 7.8	18-21 / 29-34	14 X 11 RH	AL	3	Black Diamond	QA2030X	58130-ZW1-W01 ZA	(1)
Pontoon	18-21 / 29-34	14 X 11 RH	AL	3	Black Diamond	QA2830X		(1)(2)
22+ / 6.7	24-27 / 39-44	14 X 13 RH	AL	3	Black Diamond	QA2032X	58130-ZW1-W11 ZA	(1)
Pontoon	24-27 / 39-44	14 X 13 RH	AL	3	Black Diamond	QA2832X		(1)(2)
19-24 / 5.8-7.3	30-33 / 48-53	13 3/4 X 15 RH	AL	3	Black Diamond	QA2034X	58130-ZW1-W21 ZA	(1)
17-21 / 5.2-6.4	36-39 / 58-63	13 1/4 X 17 RH	AL	3	Black Diamond	QA2036X	58130-ZW1-W31 ZA	(1)
16-19 / 4.8-5.8	41-45 / 66-73	13 X 19 RH	AL	3	Black Diamond	QA2038X	58130-ZW1-W61 ZA	(1)
15-18 / 4.5-4.5	43-48 / 69-77	12 3/4 X 21 RH	AL	3	Black Diamond	QA2040X	58130-ZW1-W41	(1)
to 16 / to 4.8	46-52 / 74-84	12 1/2 X 23 RH	AL	3	Black Diamond	QA2042X	58130-ZW1-W50	(1)
Pontoon	to 19 / to 31	13.8 X 10 RH	AL	4	Nemesis Pontoon	48-8M8027497		(1)
Pontoon	18-21 / 29-34	13.8 X 11 RH	AL	4	Nemesis Pontoon	48-8M8027498		(1)
Pontoon	24-27 / 39-44	13.8 X 13 RH	AL	4	Nemesis Pontoon	48-8M8027500		(1)
19-24 / 5.8-7.3	30-33 / 48-53	13.4 X 15 RH	AL	4	Nemesis	48-8M8027502		(1)
17-21 / 5.2-6.4	36-39 / 58-63	13.0 X 17 RH	AL	4	Nemesis	48-8M8027504		(1)
16-19 / 4.8-5.8	41-45 / 66-73	12.5 X 19 RH	AL	4	Nemesis	48-8M8027506		(1)
Pontoon	24-27 / 39-44	14 X 13 RH	AL	4	Q4	48-8M0055559		(1)
19-24 / 5.8-7.3	30-33 / 48-53	13.5 X 15 RH	AL	4	Q4	48-8M0055560		(1)
17-21 / 5.2-6.4	36-39 / 58-63	13.0 X 17 RH	AL	4	Q4	48-8M0055561		(1)
16-19 / 4.8-5.8	41-45 / 66-73	12.7 X 19 RH	AL	4	Q4	48-8M0055562		(1)
15-18 / 4.5-4.5	43-48 / 69-77	12.7 X 21 RH	AL	4	Q4	48-8M0055563		(1)
19-24 / 5.8-7.3	30-33 / 48-53	13 3/8 X 14 RH	SS	3	Silverado	QS5114X	58133-ZW1-A13AH	(1)
17-21 / 5.2-6.4	36-39 / 58-63	13 1/8 X 16 RH	SS	3	Silverado	QS5116X	58133-ZW1-A15AH	(1)
16-19 / 4.8-5.8	41-45 / 66-73	13 X 18 RH	SS	3	Silverado	QS5118X	58133-ZW1-A17AH	(1)

(1) Use Flo-Torq II attaching hardware kit 835277Q1for 75-90 HP thru 1998 or 835279Q2 for 75-90 HP 1999 and newer, 115-130 HP all years. Purchase separately.

(2) Extra Cup Version

115 D, 135-250 Horsepower - Honda

115D, 135 -150 HP 2004 & Newer
200 - 250 Horsepower (4-Stroke) 2002 & Newer
15 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	Hub System
Pontoon	to 26 / to 42	14 X 12 RH	AL	4	Nemesis	48-8M0055531	(1)
Pontoon	to 29 / to 46	14 X 14 RH	AL	4	Nemesis	48-8M0055533	(1)
21-25 / 6.4-7.8	36-44 / 58-71	14 X 17 RH	AL	4	Nemesis	48-8M0055534	(1)
19-23 / 5.8-7.0	42-50 / 68-81	14 X 19 RH	AL	4	Nemesis	48-8M0055535	(1)
18-22 / 5.5-6.7	47-56 / 76-90	14 X 21 RH	AL	4	Nemesis	48-8M0055536	(1)
17-20 / 5.2-6.1	53-61 / 85-98	14 X 23 RH	AL	4	Nemesis	48-8M0055537	(1)
House/Work	to 24 / to 39	16 X 11 RH	AL	3	Black Diamond	QA2000X	(1)

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	Hub System
25-30 / 7.8-9.1	23-32 / 37-52	16 X 13 RH	AL	3	Black Diamond	QA2004X	(1)
23-29 / 7.0-8.8	27-35 / 44-56	16 X 14 RH	AL	3	Black Diamond	QA2006X	(1)
22-27 / 6.7-8.2	30-38 / 48-61	15 1/2 X 15 RH	AL	3	Black Diamond	QA2008X	(1)
23-26 / 7.0-7.8	33-40 / 53-65	16 X 16 RH	AL	3	Black Diamond	QA2010X	(1)
21-25 / 6.4-7.8	36-44 / 58-71	15 X 17 RH	AL	3	Black Diamond	QA1912X	(1)
20-24 / 6.1-7.3	39-47 / 63-76	15 1/2 X 18 RH	AL	3	Black Diamond	QA2014X	(1)
19-23 / 5.8-7.0	42-50 / 68-81	14 1/2 X 19 RH	AL	3	Black Diamond	QA1916X	(1)
18-22 / 5.5-6.7	47-56 / 76-90	14 1/4 X 21 RH	AL	3	Black Diamond	QA1918X	(1)
17-20 / 5.2-6.1	53-61 / 85-98	14 X 23 RH	AL	3	Black Diamond	QA1920X	(1)
23-27 / 6.7-8.2	30-38 / 48-61	14 1/2 X 15 RH	SS	3	Silverado	QS5050X	(1)
21-25 / 6.4-7.8	36-44 / 58-71	14 1/2 X 17 RH	SS	3	Silverado	QS5052X	(1)
19-23 / 5.8-7.0	42-50 / 68-81	14 X 19 RH	SS	3	Silverado	QS5054X	(1)
18-22 / 5.5-6.7	47-56 / 76-90	13 3/4 X 21 RH	SS	3	Silverado	QS5056X	(1)
23-27 / 6.7-8.2	30-38 / 48-61	15 3/4 X 15 RH	SS	3	Thunderbolt	QS5002X	(1)
21-25 / 6.4-7.8	36-44 / 58-71	15 1/2 X 17 RH	SS	3	Thunderbolt	QS5004X	(1)
20-23 / 6.1-7.0	42-50 / 68-81	15 1/4 X 19 RH	SS	3	Thunderbolt	QS5006X	(1)
19-23 / 5.8-6.7	47-56 / 76-90	14 3/4 X 21 RH	SS	3	Thunderbolt	QS5008X	(1)
Pontoon	10-25 / 16-40	16 X 11P RH	SS	3	Q3	48-8M0103516	(1)
Pontoon	11-26 / 17-41	15.6 X 13P RH	SS	3	Q3	48-8M0103517	(1)
Pontoon	12-27 / 18-42	15.3 X 14P RH	SS	3	Q3	48-8M0103518	(1)
Pontoon/Cruiser	17-30 / 27-49	15 X 15P RH	SS	3	Q3	48-8M0103519	(1)
21-26 / 6.4-7.8	24-36 / 39-58	14.7 X 16P RH	SS	3	Q3	48-8M0103520	(1)
21-26 / 6.4-7.8	30-42 / 48-68	14.5 X 17P RH	SS	3	Q3	48-8M0103521	(1)
19-22 / 5.8-6.7	33-45 / 53-73	14.2 X 18P RH	SS	3	Q3	48-8M0103522	(1)
19-22 / 5.8-6.7	36-49 / 58-79	14 X 19P RH	SS	3	Q3	48-8M0103523	(1)
17-20 / 5.2-6.1	42-56 / 68-90	13.6 X 21P RH	SS	3	Q3	48-8M0103525	(1)
21-26 / 6.4-7.8	30-42 / 48-68	14.6 X 17P RH	SS	4	Q4	48-8M0103526	(1)(2)
19-22 / 5.8-6.7	36-49 / 58-79	14.6 X 19P RH	SS	4	Q4	48-8M0103528	(1)(2)
17-20 / 5.2-6.1	42-56 / 68-90	14.6 X 21P RH	SS	4	Q4	48-8M0103530	(1)(2)
15-19 / 4.5-5.8	50-64 / 81-103	14.6 X 23P RH	SS	4	Q4	48-8M0103532	(1)(2)
LH Propellers (1)		15.8 X 15 LH	SS	3	Thunderbolt	QS5005X	(1)
		15.5 X 17 LH	SS	3	Thunderbolt	QS5007X	(1)
		14.6 X 17P LH	SS	4	Q4	48-8M0103527	(1)(2)
		14.6 X 19P LH	SS	4	Q4	48-8M0103529	(1)(2)
		14.6 X 21P LH	SS	4	Q4	48-8M0103531	(1)(2)
		14.6 X 23P LH	SS	4	Q4	48-8M0103533	(1)

(1) Use Flo-Torq II attaching hardware kit 835278Q1. Purchase separately..

(2) Use forward bushing 23-856163Q1 with Flo-Torq II hub kit for surface peircing applications with Q4 and Torrent propellers. Purchase separately.

MERCURY/MARINER OUTBOARD APPLICATION CHARTS

4-6 Horsepower - Mercury/Mariner

4 -6 Horspower
4 - 5 HP 2-Stroke 1987 & Newer & 4, 5, 6 HP -Stroke 1999 & Newer
12 Tooth Spline

Length (ft/m)	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
All Purpose	7.8 X 9 RH	AL	3	Black Diamond	48-8M0081239		Rubber Bushing
All Purpose	7.8 X 8 RH	AL	3	Black Diamond	QA3184R	48-812950A02(2)	Rubber Bushing
All Purpose	7.8 X 7 RH	AL	3	Black Diamond	QA3182R	48-812949A02(1)	Rubber Bushing
All Purpose	7.9 X 6 RH	AL	3	Black Diamond	48-8M0081238	48-812951A02	Rubber Bushing

(1) Standard with 4 Hp, 2-Stroke and FourStroke (2) Standard with 5 and 6 Hp FourStroke

8 Horsepower - Mercury/Mariner

8 HP 1976-84 Mariner
Pin Drive

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
14-18 / 4.2-5.5	to 15 / to 24	8 X 7 RH	AL	3	Black Diamond	QA3178R	82764	Rubber Bushing

8/9.9 Horsepower (4-Stroke) - Mercury/Mariner

8/9.9 (4-Stroke) 2005 and newer
Std. gearcase only (Not Bigfoot)
12 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Material	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Kicker		8.7 x 5 RH	Alum	4	Black Diamond	QA2148R	48-812954A10	Rubber Bushing
14-17 / 4.2-5.2	8-17 / 14-27	8.9 x 7.5 RH	Alum	3	Black Diamond	QA2154R	48-897614A10(1)	Rubber Bushing
13-16 / 3.9-4.8	12-21 / 19-34	8.9 x 8.5 RH	Alum	3	Black Diamond	QA2158R	48-897618A10(2)	Rubber Bushing

(1) Standard with 8 Hp FourStroke (2) Standard with 9.9 Hp FourStroke

6-15 Horsepower - Mercury/Mariner

6, 8, 9.9 and 15 HP 2-Strokes 1986 & Newer
10, 15 HP Seapro/Marathon 1995 & Newer
8/9.9 HP (Not Bigfoot) 4-Strokes 1995-2004
15 HP 4 Stroke 1989-2006
8 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
15-20 / 4.5-6.1	12-17 / 19-27	9 1/4 X 7 RH	AL	3	Black Diamond	QA2124R	48-828152A12	Rubber Bushing
14-20 / 4.2-6.1	16-19 / 26-31	9 X 8 RH	AL	3	Black Diamond	QA2126R	48-828154A12	Rubber Bushing
14-19 / 4.2-5.8	19-24 / 31-39	9 X 9 RH	AL	3	Black Diamond	QA2128R	48-828156A12(1)	Rubber Bushing
14-16 / 4.2-4.8	23-27 / 37-44	9 X 10 1/2 RH	AL	3	Black Diamond	QA2130R	48-828158A12	Rubber Bushing

(1) Standard with 6-15 Hp 2-Stroke and SeaPro/Marathon 10-15 Hp

15-25 Horsepower - Mariner

15 HP 1976-81 Mariner
15A 1979-82 Mariner
W15 1977-85 Mariner
20 HP 1976-79 Mariner
25 HP 1977-79 Mariner
Pin Drive

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
12-16 / 3.6-4.8	20-28 / 32-45	9 X 10 RH	AL	3	Black Diamond	QA3150R	96625M	Rubber Bushing
12-14 / 3.6-4.2	25-32 / 40-52	9 1/4 X 11 RH	AL	3	Black Diamond	QA3152R	96623M	Rubber Bushing

9.9-25 Horsepower - Mercury/Mariner

9.9 & 15 HP Bigfoot 4-Strokes 2005 & Older
9.9 Sail Power 4 Strokes 2005 & Older
18 HP Mercury 1980-85
20 HP Mariner 1985 & Newer
20 HP Mercury 2 Stroke 1986 & Newer
25 HP Mercury 2 Stroke 1980 & Newer
25 HP Mariner 2 Stroke 1985 & Newer
25 HP SeaPro/Marathon
10 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
12-15 / 3.6-4.5	19-30 / 31-48	10 3/8 X 13 RH	AL	3	Black Diamond	QA2106R	48- 19640A40(1)	Rubber Bushing

(1) Standard with 20-25 Hp 2-Stroke

15/20 Hp 4-Stroke, 9.9 HP CT/Bigfoot 4-Stroke Mercury/Mariner

9.9 CT/Bigfoot Model Year 2005 and Newer
15/20 HP 4-Stroke 2007 and Newer
14 Tooth Spline

Length	Current MPH/KPH	Propeller Size	Material	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Kicker		10 x 5	AL	4	Black Diamond	QA2178R(1)		Rubber Hub
15-19 / 4.6-5.8	5-12 / 8-19	9.5 X 8 RH	AL	3	Black Diamond	QA2171R	48-897748A11	Rubber Hub
14-17 / 4.3-5.2	10-16 / 16-26	9.25 X 9 RH	AL	3	Black Diamond	QA2173R	48-897750A11(2)	Rubber Hub
to 16 / to 4.9	13-20 / 21-32	9.25 X 10 RH	AL	3	Black Diamond	QA2175R	48-897752A11(3)	Rubber Hub

(1) Standard with 9.9 BF and 9.9 Prokicker (2) Standard with 15 Hp 4-S (3) Standard with 20 Hp 4-S

25-30 Horsepower 4-Stroke - Mercury/Mariner

25 HP 2006 and Newer
30 HP 2006 and Newer
10 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Material	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
16+ / 4.8+	to 20 / to 32	10 x 8 RH	Alum	3	Black Diamond	QA2190R	48-896890A10	Rubber Bushing
13-17 / 3.9-5.2	17-26 / 27-42	9.75 x 9.5 RH	Alum	3	Black Diamond	QA2192R	48-896892A40	Rubber Bushing
13-16 / 3.9-4.8	21-31 / 34-47	9.5 x 11 RH	Alum	3	Black Diamond	QA2196R	48-896896A40	Rubber Bushing
to 16 / to 4.8	25-36 / 40-58	9.25 x 12.5 RH	Alum	3	Black Diamond	QA2200R	48-896900A40	Rubber Bushing
13-17 / 3.9-5.2	17-26 / 27-42	9.3 x 9.5 RH	Alum	4	Nemesis	48-8M8027516	48-8M8026650	Rubber Bushing
13-16 / 3.9-4.8	21-31 / 34-47	9.3 x 11 RH	Alum	4	Nemesis	48-8M8027517	48-8M8026655	Rubber Bushing

25-30 Horsepower 2-Stroke - Mariner

25 HP 1980-84 Mariner
28 HP 2-Stroke 1976-79 Mariner
30 HP 2-Stroke 1979-90 Mariner
10 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
15-17 / 4.5-5.2	18-26 / 29-42	9 7/8 X 10 1/2 RH	AL	3	Black Diamond	QA3808R	81649M	Rubber Bushing
14-16 / 4.2-4.8	19-28 / 31-45	9 7/8 X 11 1/4 RH	AL	3	Black Diamond	QA3810R	84976M	Rubber Bushing

25 Hp CT/Bigfoot, 30-70 Hp Standard Gearcase Mercury/Mariner

402-500 Model Mercury 1974-76*, 402-500-700 Models Mercury 1977-84
650 Model Mercury 1972-76*, 25 HP CT/Bigfoot 4-stroke 1999-2005
30 HP CT/BigFoot 2010 & Newer
30 HP 2 & 4-Strokes 1994-2005, 30 HP SeaPro/Marathon All Years
35 HP 1984-89, 40 HP 2 & 4-Strokes (Not CT/Bigfoot) 1977 & Newer
40 HP Seapro/Marathon 1977 & Newer, 45HP 1986-89
48 HP Mariner All Years, 50 HP 2 & 4 Strokes (Not CT/Bigfoot) 1977 & Newer
55 HP Seapro/Marathon 1995 & Newer, 60 HP Mariner 1976*
60 HP 2 & 4 Stroke (Not CT/Bigfoot) 1978 & Newer, 70 HP 1983 & Older
13 Tooth Spline
Flo-Torq Reflex Propellers. Hub Kit included in box.
Note: Flo-Torq Reflex Propeller hardware is not compatible with older rubber hub propeller hardware.

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
20'+ / 6.1+	to 14 / to 23	12 1/2 X 8 RH	AL	3	Black Diamond	QA2060X	48- 42738A45	Flo-Torq Reflex
19-21 / 5.8-6.4	13-18 / 21-29	12 1/4 X 9 RH	AL	3	Black Diamond	QA2062X	48- 87818A45	Flo-Torq Reflex
17-20 / 5.2-6.1	18-22 / 29-35	11 1/4 X 10 RH	AL	3	Black Diamond	QA2064X	48- 73132A45	Flo-Torq Reflex
16-19 / 4.8-5.8	21-25 / 34-41	10 7/8 X 11 RH	AL	3	Black Diamond	QA2070X	48- 85632A45	Flo-Torq Reflex
15-18 / 4.5-5.5	23-28 / 37-45	10 3/4 X 12 RH	AL	3	Black Diamond	QA2072X	48-816702A45	Flo-Torq Reflex
15-18 / 4.5-5.5	23-28 / 37-45	10 5/8 X 12 RH	AL	3	Black Diamond	QA2074X	48- 73134A45	Flo-Torq Reflex
14-18 / 4.2-5.5	27-32 / 44-52	10 1/2 X 13 RH	AL	3	Black Diamond	QA2076X	48-816704A45	Flo-Torq Reflex
14-18 / 4.2-5.5	27-32 / 44-52	10 3/8 X 13 RH	AL	3	Black Diamond	QA2078X	48- 73136A45	Flo-Torq Reflex
14-16 / 4.2-4.8	31-35 / 50-56	10 3/8 X 14 RH	AL	3	Black Diamond	QA2080X	48-816706A45	Flo-Torq Reflex
14-16 / 4.2-4.8	31-35 / 50-56	10 1/4 X 14 RH	AL	3	Black Diamond	QA2082X	48- 73138A45	Flo-Torq Reflex
13-15 / 3.9-4.5	34-39 / 55-63	10 1/8 X 15 RH	AL	3	Black Diamond	QA2084X	48- 73140A45	Flo-Torq Reflex
16-19 / 4.8-5.8	21-25 / 34-41	10.6 X 11 RH	AL	4	Nemesis	48-8M8027510	48-8M8026620	Flo-Torq Reflex
15-18 / 4.5-5.5	23-28 / 37-45	10.6 X 12 RH	AL	4	Nemesis	48-8M8027511	48-8M8026625	Flo-Torq Reflex

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
14-18 / 4.2-5.5	27-32 / 44-52	10.3 X 13 RH	AL	4	Nemesis	48-8M8027512	48-8M8026630	Flo-Torq Reflex
14-16 / 4.2-4.8	31-35 / 50-56	10.1 X 14 RH	AL	4	Nemesis	48-8M8027513	48-8M8026635	Flo-Torq Reflex
13-15 / 3.9-4.5	34-39 / 55-63	10.1 X 15 RH	AL	4	Nemesis	48-8M8027514	48-8M8026640	Flo-Torq Reflex
14-18 / 4.2-5.5	27-32 / 44-52	10 1/2 X 13 RH	SS	3	Silverado	QS5166X	48-855858A46	Flo-Torq Reflex
14-16 / 4.2-4.8	31-35 / 50-56	10 3/8 X 14 RH	SS	3	Silverado	QS5168X	48-855860A46	Flo-Torq Reflex
to 15 / to 4.5	34-39 / 55-63	10 1/4 X 15 RH	SS	3	Silverado	QS5170X	48-855862A46	Flo-Torq Reflex

40-60 Hp CT/Bigfoot, 70-140 Hp Standard Gearcase

650 Model (4 cyl.) 1961-70, 650 Model (2 cyl.) thru 1971
900 to 1500 Models thru 1977, 60 HP Seapro/Marathon All Years
70 HP 1987-89, 75 HP 2 & 4 Strokes 1984 & Newer
75 HP SeaPro/Marathon All Years, 80 HP Mariner 1977
80 HP 1978-89, 90 HP 2 & 4-Strokes 1978 and Newer
100 HP 1988-99, 115 HP 2 & 4 Strokes 1978 and Newer
125 HP 1994 and Newer, 140 HP 1978-81
40 HP-60 HP CT/Bigfoot All Years
15 Tooth Spline

With stainless props use the Flo-Torq SSR hub kit 8M0150152 or SSR Solid 8M0101604

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
House/Work	to 14 / to 23	14 X 9 RH	AL	3	Black Diamond	QA2026X		(1)
Work/Pontoon	to 19 / to 31	14 X 10 RH	AL	3	Black Diamond	QA2028X		(1)
Pontoon	to 19 / to 31	14 X 10 RH	AL	3	Black Diamond	QA2828X		(1)(2)
23' + / 7.0+	to 21 / to 34	14 X 11 RH	AL	3	Black Diamond	QA2030X	48- 77338A45	(1)
Pontoon	to 21 / to 34	14 X 11 RH	AL	3	Black Diamond	QA2830X	48- 77338CP1	(1)(2)
20' + / 6.1+	19-27 / 31-44	14 X 13 RH	AL	3	Black Diamond	QA2032X	48- 77340A45	(1)
Pontoon	19-27 / 31-44	14 X 13 RH	AL	3	Black Diamond	QA2832X	48- 77340CP1	(1)(2)
18-20 / 5.5-6.1	25-32 / 40-52	13 3/4 X 15 RH	AL	3	Black Diamond	QA2034X	48- 77342A45	(1)
17-19 / 5.2-5.8	30-38 / 48-61	13 1/4 X 17 RH	AL	3	Black Diamond	QA2036X	48- 77344A45	(1)
15-18 / 4.5-5.5	35-41 / 56-66	13 X 19 RH	AL	3	Black Diamond	QA2038X	48- 77346A45	(1)
14-17 / 4.2-5.2	39-46 / 63-74	12 3/4 X 21 RH	AL	3	Black Diamond	QA2040X	48- 77348A45	(1)
to 16 / to 4.8	44-50 / 71-81	12 1/2 X 23 RH	AL	3	Black Diamond	QA2042X	48- 77350A45	(1)
Pontoon	to 19 / to 31	13.8 X 10 RH	AL	4	Nemesis Pontoon	48-8M8027497	48-8M8026555	(1)
Pontoon	to 21 / to 34	13.8 X 11 RH	AL	4	Nemesis Pontoon	48-8M8027498	48-8M8026560	(1)
Pontoon	to 21 / to 34	13.8 X 13 RH	AL	4	Nemesis Pontoon	48-8M8027500	48-8M8026570	(1)
18-20 / 5.5-6.1	25-32 / 40-52	13.4 X 15 RH	AL	4	Nemesis	48-8M8027502	48-8M8026580	(1)
17-19 / 5.2-5.8	31-39 / 48-61	13.0 X 17 RH	AL	4	Nemesis	48-8M8027504	48-8M8026590	(1)
15-18 / 4.5-5.5	35-43 / 56-66	12.5 X 19 RH	AL	4	Nemesis	48-8M8027506	48-8M8026600	(1)
Pontoon	to 21 / to 34	14 X 13 RH	AL	4	Q4	48-8M0055559	48-8M0055547	(1)
18-20 / 5.5-6.1	25-32 / 40-52	13.5 X 15 RH	AL	4	Q4	48-8M0055560	48-8M0055548	(1)
17-19 / 5.2-5.8	31-39 / 48-61	13.0 X 17 RH	AL	4	Q4	48-8M0055561	48-8M0055549	(1)
15-18 / 4.5-5.5	35-43 / 56-66	12.7 X 19 RH	AL	4	Q4	48-8M0055562	48-8M0055550	(1)
14-17 / 4.2-5.2	39-46 / 63-74	12.7 X 21 RH	AL	4	Q4	48-8M0055563	48-8M0055551	(1)
18-20 / 5.5-6.1	25-32 / 40-52	13 3/8 X 14 RH	SS	3	Silverado	QS5114X	48- 17314A46	(1)
17-19 / 5.2-5.8	30-38 / 48-61	13 1/8 X 16 RH	SS	3	Silverado	QS5116X	48- 16986A46	(1)
15-18 / 4.5-5.5	35-41 / 56-66	13 X 18 RH	SS	3	Silverado	QS5118X	48- 16988A46	(1)

(1) For 2-stroke carb applications use Flo-Torq II attaching hardware kit 835257Q1. For 4-stroke and Opti-Max applications use Flo-Torq III attaching hardware kit 835257Q9 to reduce rattle. Purchase separately.

(2) Extra Cup Version.

90CT-400 Horsepower - Mercury/Mariner

90, 115HP Command Thrust 2014 & Newer
135 HP 1987 & Newer, 150 HP 1978 & Newer
175 HP 1978 & Newer, 200 HP 1978 & Newer
220 HP 1987-88, 225 HP 1980 & Newer
225 HP SeaPro/Marathon All Years
250-400 HP 2 and 4-Stroke 1990 and Newer

Use hub kit P/N 835257Q 1 for 90/115 CT and 150-300 HP 2 & 4 Strokes 1990 & Newer (Purchase separately) 15 Tooth Spline

Use hub kit P/N 8M0101603 for FourStroke V8 or 350 - 400 Verado outboards (Purchase separately) 19 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Pontoon	to 26 / to 42	14 X 12 RH	AL	4	Nemesis	48-8M0055531	48-8M0084491	(2)
Pontoon	to 29 / to 46	14 X 14 RH	AL	4	Nemesis	48-8M0055533	48-8M0084491	(2)
21-25 / 6.4-7.8	36-44 / 58-71	14 X 17 RH	AL	4	Nemesis	48-8M0055534	48-8M0084494	(2)
19-23 / 5.8-7.0	42-50 / 68-81	14 X 19 RH	AL	4	Nemesis	48-8M0055535	48-8M0084495	(2)
18-22 / 5.5-6.7	47-56 / 76-90	14 X 21 RH	AL	4	Nemesis	48-8M0055536	48-8M0084496	(2)
17-20 / 5.2-6.1	53-61 / 85-98	14 X 23 RH	AL	4	Nemesis	48-8M0055537	48-8M0084497	(2)
House/Work	to 24 / to 39	16 X 11 RH	AL	3	Black Diamond	QA2000X	48- 78112A45	(2)
25-30 / 7.8-9.1	23-32 / 37-52	16 X 13 RH	AL	3	Black Diamond	QA2004X	48- 78114A45	(2)
23-29 / 7.0-8.8	27-35 / 44-56	16 X 14 RH	AL	3	Black Diamond	QA2006X	48- 16438A45	(2)
22-27 / 6.7-8.2	30-38 / 48-61	15 1/2 X 15 RH	AL	3	Black Diamond	QA2008X	48- 78116A45	(2)
23-26 / 7.0-7.8	33-40 / 53-65	16 X 16 RH	AL	3	Black Diamond	QA2010X	48- 16440A45	(2)
21-25 / 6.4-7.8	36-44 / 58-71	15 X 17 RH	AL	3	Black Diamond	QA1912X	48-832828A45	(2)
20-24 / 6.1-7.3	39-47 / 63-76	15 1/2 X 18 RH	AL	3	Black Diamond	QA2014X	48- 11324A45	(2)
19-23 / 5.8-7.0	42-50 / 68-81	14 1/2 X 19 RH	AL	3	Black Diamond	QA1916X	48-832830A45	(2)
18-22 / 5.5-6.7	47-56 / 76-90	14 1/4 X 21 RH	AL	3	Black Diamond	QA1918X	48-832832A45	(2)
17-20 / 5.2-6.1	53-61 / 85-98	14 X 23 RH	AL	3	Black Diamond	QA1920X	48-832834A45	(2)
23-27 / 6.7-8.2	30-38 / 48-61	14 1/2 X 15 RH	SS	3	Silverado	QS5050X	48- 16312A46	(2)
21-25 / 6.4-7.8	36-44 / 58-71	14 1/2 X 17 RH	SS	3	Silverado	QS5052X	48- 16314A46	(2)
19-23 / 5.8-7.0	42-50 / 68-81	14 X 19 RH	SS	3	Silverado	QS5054X	48- 16316A46	(2)
18-22 / 5.5-6.7	47-56 / 76-90	13 3/4 X 21 RH	SS	3	Silverado	QS5056X	48- 16318A46	(2)
23-27 / 6.7-8.2	30-38 / 48-61	15 3/4 X 15 RH	SS	3	Thunderbolt	QS5002X	48- 19838A46	(2)
21-25 / 6.4-7.8	36-44 / 58-71	15 1/2 X 17 RH	SS	3	Thunderbolt	QS5004X	48- 18278A46	(2)
20-23 / 6.1-7.0	42-50 / 68-81	15 1/4 X 19 RH	SS	3	Thunderbolt	QS5006X	48- 13700A46	(2)
19-23 / 5.8-6.7	47-56 / 76-90	14 3/4 X 21 RH	SS	3	Thunderbolt	QS5008X	48- 13702A46	(2)
Pontoon	10-25 / 16-40	16 X 11P RH	SS	3	Q3	48-8M0103516	48-8M0070079	(2)
Pontoon	11-26 / 17-41	15.6 X 13P RH	SS	3	Q3	48-8M0103517	48-8M0070074	(2)
Pontoon	12-27 / 18-42	15.3 X 14P RH	SS	3	Q3	48-8M0103518	48-898988A46	(2)
Pontoon	17-30 / 27-49	15 X 15P RH	SS	3	Q3	48-8M0103519	48-898990A46	(2)
21-26 / 6.4-7.8	24-36 / 39-58	14.7 X 16P RH	SS	3	Q3	48-8M0103520	48-898992A46	(2)
21-26 / 6.4-7.8	30-42 / 48-68	14.5 X 17P RH	SS	3	Q3	48-8M0103521	48-898994A46	(2)
19-22 / 5.8-6.7	33-45 / 53-73	14.2 X 18P RH	SS	3	Q3	48-8M0103522	48-898996A46	(2)
19-22 / 5.8-6.7	36-49 / 58-79	14 X 19P RH	SS	3	Q3	48-8M0103523	48-898998A46	(2)
17-20 / 5.2-6.1	42-56 / 68-90	13.6 X 21P RH	SS	3	Q3	48-8M0103525	48-899002A46	(2)
21-26 / 6.4-7.8	30-42 / 48-68	14.6 X 17P RH	SS	4	Q4	48-8M0103526	48-857024A46	(2)(3)
19-22 / 5.8-6.7	36-49 / 58-79	14.6 X 19P RH	SS	4	Q4	48-8M0103528	48-857026A46	(2)(3)
17-20 / 5.2-6.1	42-56 / 68-90	14.6 X 21P RH	SS	4	Q4	48-8M0103530	48-857028A46	(2)(3)
15-19 / 4.5-5.8	50-64 / 81-103	14.6 X 23P RH	SS	4	Q4	48-8M0103532	48-857030A46	(2)(3)
LH Propellers		15 1/2 X 17 LH	SS	3	Thunderbolt	QS5005X	48- 90159A46	(2)
		15 1/4 X 19 LH	SS	3	Thunderbolt	QS5007X	48- 13701A46	(2)
		14.6 X 17P LH	SS	4	Q4	48-8M0103527	48-857025A46	(2)(3)
		14.6 X 19P LH	SS	4	Q4	48-8M0103529	48-857027A46	(2)(3)
		14.6 X 21P LH	SS	4	Q4	48-8M0103531	48-857029A46	(2)(3)

QUICKSILVER PROPELLER APPLICATION CHARTS

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
		14.6 X 23P LH	SS	4	Q4	48-8M0103533	48-857031A46	(2)(3)

(2) Use Flo-Torq II attaching hardware kit 835257Q1. For Verado 4 cyl 135-200 HP use Flo-Torq SSR Solid attaching hardware kit 8M0101604. For Verado 350, 350 SCI and 400R use Flo-Torq II attaching hardware kit 840389Q06. Purchase separately.

(3) Use Flo-Torq hub kit 835257Q6 for surface piercing applications with Q4 propellers. Purchase separately.

SUZUKI OUTBOARD APPLICATION CHARTS

35-65 Horsepower - Suzuki - Reflex Hub

DT35C HP 1987-90
DT40, DF40 HP 1983 & Newer
DF 50 1999 and Newer
DT50,50M HP 1983-84
DT55 HP 1985-97
DT60 HP 1983-84
DT65 HP 1985-97
13 Tooth Spline
Flo-Torq Reflex Propeller.
Replace existing forward and aft washer with Quicksilver kit 8M0088039. Purchase separately.

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	Hub System
20'+ / 6.1+	to 14 / to 23	12 1/2 X 8 RH	AL	3	Black Diamond	QA2060X	Flo-Torq Reflex(1)
19-21 / 5.8-6.4	13-18 / 21-29	12 1/4 X 9 RH	AL	3	Black Diamond	QA2062X	Flo-Torq Reflex(1)
17-20 / 5.2-6.1	18-22 / 29-35	11 1/4 X 10 RH	AL	3	Black Diamond	QA2064X	Flo-Torq Reflex(1)
15-18 / 4.5-5.5	23-28 / 37-45	10 3/4 X 12 RH	AL	3	Black Diamond	QA2072X	Flo-Torq Reflex(1)
14-18 / 4.2-5.5	27-32 / 44-52	10 1/2 X 13 RH	AL	3	Black Diamond	QA2076X	Flo-Torq Reflex(1)
14-18 / 4.2-5.5	27-32 / 44-52	10 3/8 X 13 RH	AL	3	Black Diamond	QA2078X	Flo-Torq Reflex(1)
14-16 / 4.2-4.8	31-35 / 50-56	10 3/8 X 14 RH	AL	3	Black Diamond	QA2080X	Flo-Torq Reflex(1)
14-16 / 4.2-4.8	31-35 / 50-56	10 1/4 X 14 RH	AL	3	Black Diamond	QA2082X	Flo-Torq Reflex(1)
13-15 / 3.9-4.5	34-39 / 55-63	10 1/8 X 15 RH	AL	3	Black Diamond	QA2084X	Flo-Torq Reflex(1)
16-19 - 4.6-5.6	21-26 / 35-42	10.6 X 11 RH	AL	4	Nemesis	48-8M8027510	Flo-Torq Reflex(1)
15-18 / 4.5-5.5	23-28 / 37-45	10.6 X 12 RH	AL	4	Nemesis	48-8M8027511	Flo-Torq Reflex(1)
14-18 / 4.2-5.5	27-32 / 44-52	10.3 X 13 RH	AL	4	Nemesis	48-8M8027512	Flo-Torq Reflex(1)
14-16 / 4.2-4.8	31-35 / 50-56	10.1 X 14 RH	AL	4	Nemesis	48-8M8027513	Flo-Torq Reflex(1)
13-15 / 3.9-4.5	34-39 / 55-63	10.1 X 15 RH	AL	4	Nemesis	48-8M8027514	Flo-Torq Reflex(1)
14-18 / 4.2-5.5	27-32 / 44-52	10 1/2 X 13 RH	SS	3	Silverado	QS5166X	Flo-Torq Reflex(1)
14-16 / 4.2-4.8	31-35 / 50-56	10 3/8 X 14 RH	SS	3	Silverado	QS5168X	Flo-Torq Reflex(1)
to 15 / to 4.5	34-39 / 55-63	10 1/4 X 15 RH	SS	3	Silverado	QS5170X	Flo-Torq Reflex(1)

(1) Replace existing forward and aft washer with Quicksilver kit 8M0088039. Purchase separately.

35-65 Horsepower - Suzuki - Rubber Hub

DT35C HP 1987-90
DT40, DF40 HP 1983 & Newer
DF 50 1999 and Newer
DT50,50M HP 1983-84
DT55 HP 1985-97
DT60 HP 1983-84
DT65 HP 1985-97
13 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
14-18 / 4.3-5.5	27-32 / 44-52	11 1/2 X 13 RH	AL	3	Black Diamond	QA2078X	58100-94313-019	Rubber Bushing

60-70 Hp (4-Stroke), 75-140 Hp (2-Stroke) - Suzuki

DF60 HP 1998 & Newer
DF70 HP 1998-2008
DT75 HP 1992-97
DT75 HP 1983-91
DT85 HP 1992-2000
DT85 HP 1979-91
DT90 HP 1989-97
DT100 HP 1989 and Newer
DT115, 140 HP 1992 & Newer
DT115, 140 HP 1981-91
13 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Pontoon	-	14 X 13 RH extra cup	AL	3	Black Diamond	QA3832X		(1)
18-20 / 5.5-6.1	25-32 / 40-52	13 3/4 X 15 RH	AL	3	Black Diamond	QA2208X	58100-95500-019	(1)
17-19 / 5.2-5.8	30-38 / 48-61	13 1/4 X 17 RH	AL	3	Black Diamond	QA2206X	58100-95511-019	(1)

(1) Use Flo-Torq II attaching hardware kit 835282Q1. Purchase separately.

70-140 Horsepower (4-Stroke) - Suzuki

DF 70-100 HP 2009 and Newer
DF 115-140 HP 2002 & Newer
15 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
House/Work	to 14 / to 23	14 X 9 RH	AL	3	Black Diamond	QA2026X	854340A45	(1)(2)(3)(4)
Work/Pontoon	to 19 / to 31	14 X 10 RH	AL	3	Black Diamond	QA2028X	845342A45	(1)(2)(3)(4)
Pontoon	to 19 / to 31	14 X 10 RH	AL	3	Black Diamond	QA2828X	845342CP1	(1)(2)(3)(4)
23' + / 7.0+	to 21 / to 34	14 X 11 RH	AL	3	Black Diamond	QA2030X	77338A45	(1)(2)(3)(4)
Pontoon	to 21 / to 34	14 X 11 RH	AL	3	Black Diamond	QA2830X	77338CP1	(1)(2)(3)(4)
20' + / 6.1+	19-27 / 31-44	14 X 13 RH	AL	3	Black Diamond	QA2032X	77340A45	(1)(2)(3)(4)
Pontoon	19-27 / 31-44	14 X 13 RH	AL	3	Black Diamond	QA2832X	77340CP1	(1)(2)(3)(4)
18-20 / 5.5-6.1	25-32 / 40-52	13 3/4 X 15 RH	AL	3	Black Diamond	QA2034X	77342A45	(1)(2)(3)(4)
17-19 / 5.2-5.8	30-38 / 48-61	13 1/4 X 17 RH	AL	3	Black Diamond	QA2036X	77344A45	(1)(2)(3)(4)
15-18 / 4.5-5.5	35-41 / 56-66	13 X 19 RH	AL	3	Black Diamond	QA2038X	77346A45	(1)(2)(3)(4)
14-17 / 4.2-5.2	39-46 / 63-74	12 3/4 X 21 RH	AL	3	Black Diamond	QA2040X	77348A45	(1)(2)(3)(4)
to 16 / to 4.8	44-50 / 71-81	12 1/2 X 23 RH	AL	3	Black Diamond	QA2042X	77350A45	(1)(2)(3)(4)
Pontoon	to 19 / to 31	13.8 X 10 RH	AL	4	Nemesis Pontoon	48-8M8027497		(1)(2)(3)(4)
Pontoon	to 21 / to 34	13.8 X 11 RH	AL	4	Nemesis Pontoon	48-8M8027498		(1)(2)(3)(4)
Pontoon	19-27 / 31-44	13.8 X 13 RH	AL	4	Nemesis Pontoon	48-8M8027500		(1)(2)(3)(4)
18-20 / 5.5-6.1	25-32 / 40-52	13.4 X 15 RH	AL	4	Nemesis	48-8M8027502		(1)(2)(3)(4)
17-19 / 5.2-5.8	30-38 / 48-61	13.0 X 17 RH	AL	4	Nemesis	48-8M8027504		(1)(2)(3)(4)
15-18 / 4.5-5.5	35-41 / 56-66	12.5 X 19 RH	AL	4	Nemesis	48-8M8027506		(1)(2)(3)(4)
Pontoon	19-27 / 31-44	14 X 13 RH	AL	4	Q4	48-8M0055559		(1)(2)(3)(4)
18-20 / 5.5-6.1	25-32 / 40-52	13.5 X 15 RH	AL	4	Q4	48-8M0055560		(1)(2)(3)(4)
17-19 / 5.2-5.8	30-38 / 48-61	13.0 X 17 RH	AL	4	Q4	48-8M0055561		(1)(2)(3)(4)
15-18 / 4.5-5.5	35-41 / 56-66	12.7 X 19 RH	AL	4	Q4	48-8M0055562		(1)(2)(3)(4)
14-17 / 4.2-5.2	39-46 / 63-74	12.7 X 21 RH	AL	4	Q4	48-8M0055563		(1)(2)(3)(4)
18-20 / 5.5-6.1	25-32 / 40-52	13 3/8 X 14 RH	SS	3	Silverado	QS5114X	17314A46	(1)(2)(3)(4)
17-19 / 5.2-5.8	30-38 / 48-61	13 1/8 X 16 RH	SS	3	Silverado	QS5116X	16986A46	(1)(2)(3)(4)
15-18 / 4.5-5.5	35-41 / 56-66	13 X 18 RH	SS	3	Silverado	QS5118X	16988A46	(1)(2)(3)(4)

(1) For 90-115HP 2001 - 2008 use Flo-Torq II attaching hardware kit 835283Q 1

(2) For 100-115HP 2009 and newer use Flo-Torq II attaching hardware kit 835283Q 2

(3) For 140HP use Flo-Torq II attaching hardware kit 835283Q 2

(4) For 70-90HP 2009 and newer use Flo-Torq II attaching hardware kit 835283Q03

150-300 Horsepower - Suzuki

DT150/150S HP 1986 & Newer
DT175 HP 1986-92
DT200 HP 1986-2000
DT225 HP 1990 & Newer
DF150- DF300 All Years
15 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Pontoon	to 26 / to 42	14 X 12 RH	AL	4	Nemesis	48-8M0055531		(2)
Pontoon	to 29 / to 46	14 X 14 RH	AL	4	Nemesis	48-8M0055533		(2)
21-25 / 6.4-7.8	36-44 / 58-71	14 X 17 RH	AL	4	Nemesis	48-8M0055534		(2)
19-23 / 5.8-7.0	42-50 / 68-81	14 X 19 RH	AL	4	Nemesis	48-8M0055535		(2)
18-22 / 5.5-6.7	47-56 / 76-90	14 X 21 RH	AL	4	Nemesis	48-8M0055536		(2)
17-20 / 5.2-6.1	53-61 / 85-98	14 X 23 RH	AL	4	Nemesis	48-8M0055537		(2)
22-27 / 6.7-8.2	30-38 / 48-61	15 1/2 X 15 RH	AL	3	Black Diamond	QA2008X		(2)
21-25 / 6.4-7.8	36-44 / 58-71	15 X 17 RH	AL	3	Black Diamond	QA1912X		(2)
19-23 / 5.8-7.0	42-50 / 68-81	14 1/2 X 19 RH	AL	3	Black Diamond	QA1916X		(2)
18-22 / 5.5-6.7	47-56 / 76-90	14 1/4 X 21 RH	AL	3	Black Diamond	QA1918X		(2)
17-20 / 5.2-6.1	53-61 / 85-98	14 X 23 RH	AL	3	Black Diamond	QA1920X		(2)
22-27 / 6.7-8.2	30-38 / 48-61	14 1/2 X 15 RH	SS	3	Silverado	QS5050X	99105-00200-16P	(2)
21-25 / 6.4-7.8	36-44 / 58-71	14 1/2 X 17 RH	SS	3	Silverado	QS5052X	99105-00200-18P	(2)
19-23 / 5.8-7.0	42-50 / 68-81	14 X 19 RH	SS	3	Silverado	QS5054X		(2)
18-22 / 5.5-6.7	47-56 / 76-90	13 3/4 X 21 RH	SS	3	Silverado	QS5056X		(2)
22-27 / 6.7-8.2	30-38 / 48-61	15 3/4 X 15 RH	SS	3	Thunderbolt	QS5002X		(2)
21-25 / 6.4-7.8	36-44 / 58-71	15 1/2 X 17 RH	SS	3	Thunderbolt	QS5004X		(2)
19-23 / 5.8-7.0	42-50 / 68-81	15 1/4 X 19 RH	SS	3	Thunderbolt	QS5006X		(2)
18-22 / 5.5-6.7	47-56 / 76-90	14 3/4 X 21 RH	SS	3	Thunderbolt	QS5008X		(2)
Pontoon	10-25 / 16-40	16 X 11P RH	SS	3	Q3	48-8M0103516		(2)
Pontoon	11-26 / 17-41	15.6 X 13P RH	SS	3	Q3	48-8M0103517		(2)
Pontoon	12-27 / 18-42	15.3 X 14P RH	SS	3	Q3	48-8M0103518		(2)
Pontoon/Cruiser	17-30 / 27-49	15 X 15P RH	SS	3	Q3	48-8M0103519		(2)
21-26 / 6.4-7.8	24-36 / 39-58	14.7 X 16P RH	SS	3	Q3	48-8M0103520		(2)
21-26 / 6.4-7.8	30-42 / 48-68	14.5 X 17P RH	SS	3	Q3	48-8M0103521		(2)
19-22 / 5.8-6.7	33-45 / 53-73	14.2 X 18P RH	SS	3	Q3	48-8M0103522		(2)
19-22 / 5.8-6.7	36-49 / 58-79	14 X 19P RH	SS	3	Q3	48-8M0103523		(2)
17-20 / 5.2-6.1	42-56 / 68-90	13.6 X 21P RH	SS	3	Q3	48-8M0103525		(2)
21-26 / 6.4-7.8	30-42 / 48-68	14.6 X 17P RH	SS	4	Q4	48-8M0103526		(2)
19-22 / 5.8-6.7	36-49 / 58-79	14.6 X 19P RH	SS	4	Q4	48-8M0103528		(2)
17-20 / 5.2-6.1	42-56 / 68-90	14.6 X 21P RH	SS	4	Q4	48-8M0103530		(2)
15-19 / 4.5-5.8	50-64 / 81-103	14.6 X 23P RH	SS	4	Q4	48-8M0103532		(2)
LH Propellers (1)		15 1/2 X 17 LH	SS	3	Thunderbolt	QS5005X		(2)
		15 1/4 X 19 LH	SS	3	Thunderbolt	QS5007X		(2)
		14.6 X 17 LH	SS	4	Q4	48-8M0103527		(2)(3)
		14.6 X 19 LH	SS	4	Q4	48-8M0103529		(2)(3)
		14.6 X 21 LH	SS	4	Q4	48-8M0103531		(2)(3)
		14.6 X 23 LH	SS	4	Q4	48-8M0103533		(2)(3)

(2) Use Flo-Torq II attaching hardware kit 835281Q1. Purchase separately.

(3) Use forward bushing 23-856163Q1 along with Flo-Torq hub kit for surface piercing applications with Torrent propellers. Purchase separately.

TOHATSU/NISSAN OUTBOARD APPLICATION CHARTS

4-6 Horsepower - Tohatsu/Nissan

4 -6 Horspower
4 - 5 HP 2-Stroke 1987 & Newer
4, 5, 6 HP -Stroke 1999 & Newer
12 Tooth Spline

Length (ft/m)	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
All Purpose	7.8 X 9 RH	AL	3	Black Diamond	48-8M0081239		Rubber Bushing
All Purpose	7.8 X 7 RH	AL	3	Black Diamond	QA3182R	48-812949A02(1)	Rubber Bushing
All Purpose	7.8 X 8 RH	AL	3	Black Diamond	QA3184R	48-812950A02(2)	Rubber Bushing
All Purpose	7.9 X 6 RH	AL	3	Black Diamond	48-8M0081238		Rubber Bushing

(1) Standard with 4 Hp, 2-Stroke and FourStroke

(2) Standard with 5 and 6 Hp FourStroke

8/9.9 Horsepower (4-Stroke) - Tohatsu/Nissan

8/9.9 (4-Stroke)
12 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Material	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Kicker		8.7 x 5 RH	Alum	4	Black Diamond	QA2148R	48-812954A10	Rubber Bushing
14-17 / 4.2-5.2	8-17 / 14-27	8.9 x 7.5 RH	Alum	3	Black Diamond	QA2154R	48-897614A10(1)	Rubber Bushing
13-16 / 3.9-4.8	12-21 / 19-34	8.9 x 8.5 RH	Alum	3	Black Diamond	QA2158R	48-897618A10(2)	Rubber Bushing

(1) Standard with 8 Hp FourStroke

(2) Standard with 9.9 Hp FourStroke

9.9-20 Horsepower Tohatsu/Nissan

9.9 HP 1984 and Newer
9.9 HP 4-Stroke 2000 and Newer
12 HP 1985-1988
15 HP 4-Stroke 2000 and Newer
15/18 HP 1995 and Newer
18/20 HP 4-Stroke 2001 and Newer
14 Tooth Spline

Length	Current MPH/KPH	Propeller Size	Material	Blades	Style	Quicksilver P/N	Hub System
Kicker		10 x 5	AL	4	Black Diamond	QA2178R	Rubber Hub
15-19 / 4.6-5.8	5-12 / 8-19	9 1/2 X 8 RH	AL	3	Black Diamond	QA2171R	Rubber Hub
14-17 / 4.3-5.2	10-16 / 16-26	9 1/4 X 9 RH	AL	3	Black Diamond	QA2173R	Rubber Hub
to 16 / to 4.9	13-20 / 21-32	9 1/4 X 10 RH	AL	3	Black Diamond	QA2175R	Rubber Hub

25-30 Horsepower 4-Stroke - Tohatsu/Nissan

25 HP 1986 and Newer
30 HP 1985 and Newer
10 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Material	Blades	Style	Quicksilver P/N	Hub System
16+ / 4.8+	to 20 / to 32	10 x 8 RH	Alum	3	Black Diamond	QA2190R	Rubber Bushing
13-17 / 3.9-5.2	17-26 / 27-42	9-3/4 x 9-1/2 RH	Alum	3	Black Diamond	QA2192R	Rubber Bushing
13-16 / 3.9-4.8	21-31 / 34-47	9-1/2 x 11 RH	Alum	3	Black Diamond	QA2196R	Rubber Bushing
to 16 / to 4.8	25-36 / 40-58	9-1/4 x 12-1/2 RH	Alum	3	Black Diamond	QA2200R	Rubber Bushing
13-17 / 3.9-5.2	17-26 / 27-42	9.3 x 9.5 RH	Alum	4	Nemesis	48-8M8027516	Rubber Bushing
13-16 / 3.9-4.8	21-31 / 34-47	9.3 X 11 RH	Alum	4	Nemesis	48-8M8027517	Rubber Bushing

35-50 Hp Tohatsu/Nissan

35 HP (35B Only) 1984 and Earlier
50 HP (50D Only) 1991
40 HP 1984 and Newer
50 HP 1992 and Newer
13 Tooth Spline
Flo-Torq Reflex Propeller. Replace existing forward and aft washer with Quicksilver kit 8M0053074. Purchase separately.

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	Hub System
20'+ / 6.1+	to 14 / to 23	12 1/2 X 8 RH	AL	3	Black Diamond	QA2060X	Flo-Torq Reflex(1)
19-21 / 5.8-6.4	13-18 / 21-29	12 1/4 X 9 RH	AL	3	Black Diamond	QA2062X	Flo-Torq Reflex(1)
17-20 / 5.2-6.1	18-22 / 29-35	11 1/4 X 10 RH	AL	3	Black Diamond	QA2064X	Flo-Torq Reflex(1)
16-19 / 4.8-5.8	21-25 / 34-41	10 7/8 X 11 RH	AL	3	Black Diamond	QA2070X	Flo-Torq Reflex(1)
15-18 / 4.5-5.5	23-28 / 37-45	10 3/4 X 12 RH	AL	3	Black Diamond	QA2072X	Flo-Torq Reflex(1)
15-18 / 4.5-5.5	23-28 / 37-45	10 5/8 X 12 RH	AL	3	Black Diamond	QA2074X	Flo-Torq Reflex(1)
14-18 / 4.2-5.5	27-32 / 44-52	10 1/2 X 13 RH	AL	3	Black Diamond	QA2076X	Flo-Torq Reflex(1)
14-18 / 4.2-5.5	27-32 / 44-52	10 3/8 X 13 RH	AL	3	Black Diamond	QA2078X	Flo-Torq Reflex(1)
14-16 / 4.2-4.8	31-35 / 50-56	10 3/8 X 14 RH	AL	3	Black Diamond	QA2080X	Flo-Torq Reflex(1)
14-16 / 4.2-4.8	31-35 / 50-56	10 1/4 X 14 RH	AL	3	Black Diamond	QA2082X	Flo-Torq Reflex(1)
13-15 / 3.9-4.5	34-39 / 55-63	10 1/8 X 15 RH	AL	3	Black Diamond	QA2084X	Flo-Torq Reflex(1)
16-19 / 4.8-5.8	21-25 / 34-41	10.6 X 11 RH	AL	4	Nemesis	48-8M8027510	Flo-Torq Reflex(1)
15-18 / 4.5-5.5	23-28 / 37-45	10.6 X 12 RH	AL	4	Nemesis	48-8M8027511	Flo-Torq Reflex(1)
14-18 / 4.2-5.5	27-32 / 44-52	10.3 X 13 RH	AL	4	Nemesis	48-8M8027512	Flo-Torq Reflex(1)
14-16 / 4.2-4.8	31-35 / 50-56	10.1 X 14 RH	AL	4	Nemesis	48-8M8027513	Flo-Torq Reflex(1)
13-15 / 3.9-4.5	34-39 / 55-63	10.1 X 15 RH	AL	4	Nemesis	48-8M8027514	Flo-Torq Reflex(1)
14-18 / 4.2-5.5	27-32 / 44-52	10 1/2 X 13 RH	SS	3	Silverado	QS5166X	Flo-Torq Reflex(1)
14-16 / 4.2-4.8	31-35 / 50-56	10 3/8 X 14 RH	SS	3	Silverado	QS5168X	Flo-Torq Reflex(1)
to 15 / to 4.5	34-39 / 55-63	10 1/4 X 15 RH	SS	3	Silverado	QS5170X	Flo-Torq Reflex(1)

(1) Flo-Torq Reflex Propeller. Replace existing forward and aft washer with Quicksilver kit 8M0053074. Purchase separately.

70-140 Horsepower - Tohatsu/Nissan

70C HP 1996 & Newer
90 HP 1987 & Newer
115 HP 1992 & Newer
120 HP 1988 & Newer
140 HP 1988 & Newer

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
House/Work	7-16 / 11-22	14 X 9 RH	AL	3	Black Diamond	QA2026X	3B764-5230M	(1)
Pontoon/Work	9-19 / 15-31	14 X 10 RH	AL	3	Black Diamond	QA2028X		(1)
Pontoon	9-19 / 15-31	14 X 10 RH	AL	3	Black Diamond	QA2828X		(1)(2)
House/Work	12-22 / 19-35	14 X 11 RH	AL	3	Black Diamond	QA2030X	3B764-5270M	(1)
Pontoon	12-22 / 19-35	14 X 11 RH	AL	3	Black Diamond	QA2830X		(1)(2)
22-29 / 6.7-8.8	14-28 / 23-45	14 X 13 RH	AL	3	Black Diamond	QA2032X	3B764-5320M	(1)
Pontoon	14-28 / 23-45	14 X 13 RH	AL	3	Black Diamond	QA2832X		(1)(2)
21-26 / 6.4-7.8	24-36 / 39-58	13 3/4 X 15 RH	AL	3	Black Diamond	QA2034X	3B764-5360M	(1)
18-21 / 5.5-6.4	30-42 / 48-68	13 1/4 X 17 RH	AL	3	Black Diamond	QA2036X	3B764-5410M	(1)
17-20 / 5.2-6.1	38-50 / 61-81	13 X 19 RH	AL	3	Black Diamond	QA2038X	3B764-5451M	(1)
15-18 / 4.5-5.5	44-56 / 71-90	12 3/4 X 21 RH	AL	3	Black Diamond	QA2040X	3B764-5490M	(1)
15-17 / 4.5-5.2	48-62 / 77-100	12 1/2 X 23 RH	AL	3	Black Diamond	QA2042X		(1)
Pontoon	9-19 / 15-31	13.8 X 10 RH	AL	4	Nemesis Pontoon	48-8M8027497		(1)
Pontoon	12-22 / 19-35	13.8 X 11 RH	AL	4	Nemesis Pontoon	48-8M8027498		(1)
Pontoon	14-28 / 23-4	13.8 X 13 RH	AL	4	Nemesis Pontoon	48-8M8027500		(1)
21-26 / 6.4-7.8	24-36 / 39-58	13.4 X 15 RH	AL	4	Nemesis	48-8M8027502		(1)
18-21 / 5.5-6.4	30-42 / 48-68	13.0 X 17 RH	AL	4	Nemesis	48-8M8027504		(1)
17-20 / 5.2-6.1	38-50 / 61-81	12.5 X 19 RH	AL	4	Nemesis	48-8M8027506		(1)
Pontoon	14-28 / 23-4	14 X 13 RH	AL	4	Q4	48-8M0055559		(1)
21-26 / 6.4-7.8	24-36 / 39-58	13.5 X 15 RH	AL	4	Q4	48-8M0055560		(1)
18-21 / 5.5-6.4	30-42 / 48-68	13.0 X 17 RH	AL	4	Q4	48-8M0055561		(1)

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
17-20 / 5.2-6.1	38-50 / 61-81	12.7 X 19 RH	AL	4	Q4	48-8M0055562		(1)
15-18 / 4.5-5.5	44-56 / 71-90	12.7 X 21 RH	AL	4	Q4	48-8M0055563		(1)
21-26 / 6.4-7.9	24-36 / 39-58	13 3/8 X 14 RH	SS	3	Silverado	QS5114X		(1)
18-21 / 5.5-6.4	30-42 / 48-68	13 1/8 X 16 RH	SS	3	Silverado	QS5116X		(1)
17-20 / 5.2-6.1	38-50 / 61-81	13 X 18 RH	SS	3	Silverado	QS5118X		(1)

(1) Use Flo-Torq II attaching hardware kit 835284Q1. Purchase separately.

(2) Extra Cup Version.

YAMAHA OUTBOARD APPLICATION CHARTS

8 Horsepower - Yamaha

8 HP 1976-83
Pin Drive

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
14-18 / 4.3-5.5	to 15 / to 24	8.25 X 7 RH	AL	3	Black Diamond	QA3178R		Rubber Bushing

9.9-20 Horsepower - Yamaha

9.9 HP 2-Stroke 1984 and Newer
F9.9 4-Stroke 2000-2007
15 HP 2-Stroke 1984 and Newer
F15 4-Stroke 2000 and Newer
F20 4-Stroke All Years
8 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
14-19 / 4.3-5.8	19-24 / 31-39	9 1/4 X 9 RH	AL	3	Black Diamond	QA3906R	683-45945-00-EL	Rubber Bushing
14-16 / 4.3-4.8	23-27 / 37-44	9 1/4 X 10 RH	AL	3	Black Diamond	QA3914R	683-45943-00-EL	Rubber Bushing

15-28 Horsepower - Yamaha

15 HP 1976-83
W15 1976-83
20 HP 1976-78
25 HP 1977-79
28 HP 1976-78
Pin Drive

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
12-16 / 3.6-4.8	20-28 / 32-45	9 X 10 RH	AL	3	Black Diamond	QA3150R	651-45947-00-36	Rubber Bushing
12-14 / 3.6-4.3	25-32 / 40-52	9 1/4 X 11 RH	AL	3	Black Diamond	QA3152R	653-45941-01-36	Rubber Bushing

20-30 Horsepower - Yamaha

20 HP 1996-97
25 HP 1980 and Newer
F25 4-Stroke 2000 and Newer
30 HP 1979 and Newer
F30 4-Stroke 2001 and Newer
10 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
15-17 / 4.5-5.2	18-26 / 29-42	9 7/8 X 10 1/2 RH	AL	3	Black Diamond	QA3808R	664-45945-00-EL	Rubber Bushing
14-16 / 4.3-4.8	19-28 / 31-45	9 7/8 X 11 1/4 RH	AL	3	Black Diamond	QA3810R	664-45947-01-EL	Rubber Bushing

T25-60 Horsepower - Yamaha

T25 All Years
40 HP 1984 and Newer
F40 4-Stroke 1999 and Newer
48 HP 1995-2000
50 HP (Excluding T50) 1984 & Newer
F50 4-Stroke 1999 and Newer
55 HP 1976-95
60 HP 1976-91
F60 4-Stroke 2002 and Newer
13 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
House/Work	to 16 / to 26	12 1/2 X 8 RH	AL	3	Black Diamond	QA2060X		(1)
18+ / 5.5+	16-20 / 26-32	12 1/4 X 9 RH	AL	3	Black Diamond	QA2062X	663-45956-01-EL	(1)
17+ / 5.2+	20-23 / 32-37	11 1/4 X 10 RH	AL	3	Black Diamond	QA2064X	6H5-45952-00-EL	(1)
16-18 / 4.8-5.5	23-30 / 37-48	10 7/8 X 11 RH	AL	3	Black Diamond	QA2070X	663-45947-02-EL	(1)
15-17 / 4.5-5.2	30-31 / 48-50	10 5/8 X 12 RH	AL	3	Black Diamond	QA2074X	6H5-45958-00-EL	(1)
14-17 / 4.2-5.2	31-35 / 50-56	10 3/8 X 13 RH	AL	3	Black Diamond	QA2078X	6H5-45943-00-EL	(1)
14-16 / 4.2-4.8	35-38 / 56-61	10 1/4 X 14 RH	AL	3	Black Diamond	QA2082X	663-45958-01-EL	(1)
13-15 / 3.9-4.5	38-42 / 61-68	10 1/8 X 15 RH	AL	3	Black Diamond	QA2084X		(1)
16-18 / 4.8-5.5	23-30 / 37-48	10.6 X 11 RH	AL	4	Nemesis	48-8M8027510		(1)
15-17 / 4.5-5.2	30-31 / 48-50	10.6 X 12 RH	AL	4	Nemesis	48-8M8027511		(1)
14-17 / 4.2-5.2	31-35 / 50-56	10.3X 13 RH	AL	4	Nemesis	48-8M8027512		(1)
14-16 / 4.2-4.8	35-38 / 56-61	10.1 X 14 RH	AL	4	Nemesis	48-8M8027513		(1)
13-15 / 3.9-4.5	38-42 / 61-68	10.1 X 15 RH	AL	4	Nemesis	48-8M8027514		(1)
14-17 / 4.2-5.2	31-35 / 50-56	10 1/2 X 13 RH	SS	3	Silverado	QS5166X	663-45974-60-98	(1)
14-16 / 4.2-4.8	35-38 / 56-61	10 3/8 X 14 RH	SS	3	Silverado	QS5168X	663-45930-00-98	(1)
13-15 / 3.9-4.5	38-42 / 61-68	10 1/4 X 15 RH	SS	3	Silverado	QS5170X	663-45976-00-98	(1)

(1) Flo-Torq Reflex Propeller - All required hardware included

T50-130 Horsepower - Yamaha

T50 HP 4-Stroke 1996 and Newer
60 HP 1992 and Newer
T60 HP 4-Stroke 2003 and Newer
70 HP 1984 and Newer
75 HP 1994-2000
F75 4-Stroke 2003 and Newer
80 HP 1977, 2000 and Newer
F80 HP 4-Stroke 1999 and Newer
85 HP 1991-97
90 HP 1984 and Newer
F90 HP 4-Stroke 2003 and Newer
F100 HP 4-Stroke 2000 and Newer
115 HP 1984 and Newer
F115 HP 4-Stroke 2000 and Newer
130 HP 1984 and Newer
15 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
House/Work	to 14 / to 23	14 X 9 RH	AL	3	Black Diamond	QA2026X		(1)
Pontoon/Work	to 19 / to 31	14 X 10 RH	AL	3	Black Diamond	QA2028X		(1)
Pontoon	to 19 / to 31	14 X 10 RH	AL	3	Black Diamond	QA2828X		(1)(2)
23'+ / 7.0+	to 21 / to 34	14 X 11 RH	AL	3	Black Diamond	QA2030X	6E5-45954-00-EL	(1)
Pontoon	to 21 / to 34	14 X 11 RH	AL	3	Black Diamond	QA2830X		(1)(2)
20'+ / 6.1+	19-27 / 31-44	14 X 13 RH	AL	3	Black Diamond	QA2032X	6E5-45949-00-EL	(1)
Pontoon	19-27 / 31-44	14 X 13 RH	AL	3	Black Diamond	QA2832X		(1)(2)
18-20 / 5.5-6.1	25-32 / 40-52	13 3/4 X 15 RH	AL	3	Black Diamond	QA2034X	6E5-45947-00-EL	(1)
17-19 / 5.2-5.8	30-38 / 48-61	13 1/4 X 17 RH	AL	3	Black Diamond	QA2036X	6E5-45945-01-EL	(1)
15-18 / 4.5-5.5	35-41 / 56-66	13 X 19 RH	AL	3	Black Diamond	QA2038X	6E5-45941-00-EL	(1)
14-17 / 4.2-5.2	39-46 / 63-74	12 3/4 X 21 RH	AL	3	Black Diamond	QA2040X	6E5-45943-00-EL	(1)
to 16 / to 4.8	44-50 / 71-81	12 1/2 X 23 RH	AL	3	Black Diamond	QA2042X	6E5-45952-00-EL	(1)
Pontoon	to 19 / to 31	13.8 X 10 RH	AL	4	Nemesis Pontoon	48-8M8027497		(1)

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Pontoon	to 21 / to 34	13.8 X 11 RH	AL	4	Nemesis Pontoon	48-8M8027498		(1)
Pontoon	19-27 / 31-44	13.8 X 13 RH	AL	4	Nemesis Pontoon	48-8M8027500		(1)
18-20 / 5.5-6.1	25-32 / 40-52	13.4 X 15 RH	AL	4	Nemesis	48-8M8027502		(1)
17-19 / 5.2-5.8	30-38 / 48-61	13.0 X 17 RH	AL	4	Nemesis	48-8M8027504		(1)
15-18 / 4.5-5.5	35-41 / 56-66	12.5 X 19 RH	AL	4	Nemesis	48-8M8027506		(1)
Pontoon	19-27 / 31-44	14 X 13 RH	AL	4	Q4	48-8M0055559		(1)
18-20 / 5.5-6.1	25-32 / 40-52	13.5 X 15 RH	AL	4	Q4	48-8M0055560		(1)
17-19 / 5.2-5.8	30-38 / 48-61	13.0 X 17 RH	AL	4	Q4	48-8M0055561		(1)
15-18 / 4.5-5.5	35-41 / 56-66	12.7 X 19 RH	AL	4	Q4	48-8M0055562		(1)
14-17 / 4.2-5.2	39-46 / 63-74	12.7 X 21 RH	AL	4	Q4	48-8M0055563		(1)
18-20 / 5.5-6.1	25-32 / 40-52	13 3/8 X 14 RH	SS	3	Silverado	QS5114X	688-45932-60-98	(1)
17-19 / 5.2-5.8	30-38 / 48-61	13 1/8 X 16 RH	SS	3	Silverado	QS5116X	688-45978-60-98	(1)
15-18 / 4.5-5.5	35-41 / 56-66	13 X 18 RH	SS	3	Silverado	QS5118X	688-45930-02-98	(1)

(1) Use Flo-Torq II attaching hardware kit 835272Q1 on 50 to 100HP applications and kit 835271Q2 on 115 & 130HP units. Purchase separately.

(2) Extra Cup Version

150-300 Horsepower - Yamaha

150 HP 1986 and Newer, F150 4-Stroke 2004 and Newer
175 HP 1984 and Newer
200 HP 1984 and Newer, F200 HP 4-Stroke 2002 and Newer
220 HP Special 1984-85
225 HP Excel 1987-88
225 HP 1986 and Newer, F225 HP 4-Stroke 2002 and Newer
250 HP 1990 and Newer (Including VMAX), F250 HP 4-Stroke 2005 and Newer
300 HP 2003 and Newer, 300 HPDI 2004 and Newer
150-250 HP SHO 4-Stroke
15 Tooth Spline

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Pontoon	to 26 / to 42	14 X 12 RH	AL	4	Nemesis	48-8M0055531		(2)
Pontoon	to 29 / to 47	14 X 14 RH	AL	4	Nemesis	48-8M0055533		(2)
21-25 / 6.4-7.8	36-44 / 58-71	14 X 17 RH	AL	4	Nemesis	48-8M0055534		(2)
19-23 / 5.8-7.0	42-50 / 68-81	14 X 19 RH	AL	4	Nemesis	48-8M0055535		(2)
18-22 / 5.5-6.7	47-56 / 76-90	14 X 21 RH	AL	4	Nemesis	48-8M0055536		(2)
17-20 / 5.2-6.1	53-61 / 85-98	14 X 23 RH	AL	4	Nemesis	48-8M0055537		(2)
House/Work	to 24 / to 39	16 X 11 RH	AL	3	Black Diamond	QA2000X		(2)
25-30 / 7.8-9.1	23-32 / 37-52	16 X 13 RH	AL	3	Black Diamond	QA2004X		(2)
23-29 / 7.0-8.8	27-35 / 44-56	16 X 14 RH	AL	3	Black Diamond	QA2006X		(2)
22-27 / 6.7-8.2	30-38 / 48-61	15 1/2 X 15 RH	AL	3	Black Diamond	QA2008X	6G5-45941-00-98	(2)
23-26 / 6.7-7.9	33-40 / 53-65	16 X 16 RH	AL	3	Black Diamond	QA2010X	6G5-45952-00-98	(2)
21-25 / 6.4-8.8	36-44 / 58-71	15 X 17 RH	AL	3	Black Diamond	QA1912X		(2)
20-24 / 6.1-7.3	39-47 / 63-76	15 1/2 X 18 RH	AL	3	Black Diamond	QA2014X		(2)
19-23 / 5.8-7.0	42-50 / 68-81	14 1/2 X 19 RH	AL	3	Black Diamond	QA1916X		(2)
18-22 / 5.5-6.7	47-56 / 76-90	14 1/4 X 21 RH	AL	3	Black Diamond	QA1918X		(2)
17-20 / 5.2-6.1	53-61 / 86-98	14 X 23 RH	AL	3	Black Diamond	QA1920X	6G5-45949-00-98	(2)
22-27 / 6.7-8.2	30-38 / 48-61	14 1/2 X 15 RH	SS	3	Silverado	QS5050X	6G5-45970-02-98	(2)
21-25 / 6.4-8.8	36-44 / 58-71	14 1/2 X 17 RH	SS	3	Silverado	QS5052X	6G5-45978-03-98	(2)
19-23 / 5.8-7.0	42-50 / 68-81	14 X 19 RH	SS	3	Silverado	QS5054X	6G5-45974-03-98	(2)
18-22 / 5.5-6.7	47-56 / 76-90	13 3/4 X 21 RH	SS	3	Silverado	QS5056X	6G5-45972-02-98	(2)
22-27 / 6.7-8.2	30-38 / 48-61	15 3/4 X 15 RH	SS	3	Thunderbolt	QS5002X		(2)
21-25 / 6.4-8.8	36-44 / 58-71	15 1/2 X 17 RH	SS	3	Thunderbolt	QS5004X	6R4-45978-A0-00	(2)
19-23 / 5.8-7.0	42-50 / 68-81	15 1/4 X 19 RH	SS	3	Thunderbolt	QS5006X	6R4-45970-A0-00	(2)
18-22 / 5.5-6.7	47-56 / 76-90	14 3/4 X 21 RH	SS	3	Thunderbolt	QS5008X	6R4-45972-A0-00	(2)
Pontoon	10-25 / 16-40	16 X 11P RH	SS	3	Q3	48-8M0103516		(2)
Pontoon	11-26 / 17-41	15.6 X 13P RH	SS	3	Q3	48-8M0103517		(2)
Pontoon	12-27 / 18-42	15.3 X 14P RH	SS	3	Q3	48-8M0103518		(2)
Pontoon/Cruiser	17-30 / 27-49	15 X 15P RH	SS	3	Q3	48-8M0103519		(2)
21-26 / 6.4-7.8	24-36 / 39-58	14.7 X 16P R	SS	3	Q3	48-8M0103520		(2)

QUICKSILVER PROPELLER APPLICATION CHARTS

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
21-26 / 6.4-7.8	30-42 / 48-68	14.5 X 17P RH	SS	3	Q3	48-8M0103521		(2)
19-22 / 5.8-6.7	33-45 / 53-73	14.2 X 18P RH	SS	3	Q3	48-8M0103522		(2)
19-22 / 5.8-6.7	36-49 / 58-79	14 X 19P RH	SS	3	Q3	48-8M0103523		(2)
17-20 / 5.2-6.1	42-56 / 68-90	13.6 X 21P RH	SS	3	Q3	48-8M0103525		(2)
21-26 / 6.4-7.8	30-42 / 48-68	14.6 X 17P RH	SS	4	Q4	48-8M0103526		(2)(3)
19-22 / 5.8-6.7	36-49 / 58-79	14.6 X 19P RH	SS	4	Q4	48-8M0103528		(2)(3)
17-20 / 5.2-6.1	42-56 / 68-90	14.6 X 21P RH	SS	4	Q4	48-8M0103530		(2)(3)
15-19 / 4.5-5.8	50-64 / 81-103	14.6 X 23P RH	SS	4	Q4	48-8M0103533		(2)(3)
LH Propellers (1)(1)		15 1/2 X 17 LH	SS	3	Thunderbolt	QS5005X	6R1-45978-A0-00	(2)
		15 1/4 X 19 LH	SS	3	Thunderbolt	QS5007X	6R1-45970-A0-00	(2)
		14.6 X 17P LH	SS	4	Q4	48-8M0103527		(2)(3)
		14.6 X 19P LH	SS	4	Q4	48-8M0103529		(2)(3)
		14.6 X 21P LH	SS	4	Q4	48-8M0103531		(2)(3)
		14.6 X 23P LH	SS	4	Q4	48-8M0103533		(2)(3)

(1) For Length and Current MPH of LH Propellers, find the matching family and pitch of RH Propeller.

(2) Flo-Torq II kit 835271Q2 for 150-300 HPDI and VMAX. Flo-Torq II kit 8M0075402 for 2014 and older 200-250 HP SHO. Flo-Torq II kit 835274Q1 for 2015 and Newer 115-250 SHO and 150-300 4-stroke outboards.

(3) Use forward bushing 23-856163Q1 along with Flo-Torq hub kit for surface piercing applications with Q4 and Torrent propellers. Purchase separately.

MERCRUISER STERNDRIVE APPLICATION CHARTS

ALPHA ONE, MERCRUISER I

MERCRUISER I 120-190 HP
Models 470, 485, 888, 898, 225S & 233
ALPHA ONE 1986 AND NEWER
4.5 Liter 200 HP 2014 and Newer
2.5 Liter 120HP 1986-89
3.0 Liter 125-140HP 1986 & Newer
3.7 Liter 165-190HP 1986-89
Warning! Check for adequate tip clearance with stainless and 4 blade aluminum props. If necessary, switch to a flat tab anode (76214Q 5) or high performance trim tab (822777Q 1) to permit clearance.

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Work / House	to 26 / to 42	14 X 12 RH	AL	4	Nemesis	48-8M0055531	48-8M0084491	(2)
Work / House	to 29 / to 46	14 X 14 RH	AL	4	Nemesis	48-8M0055533	48-8M0084493	(2)
21-25 / 6.4-7.8	36-44 / 58-71	14 X 17 RH	AL	4	Nemesis	48-8M0055534	48-8M0084494	(2)
19-23 / 5.8-7.0	42-50 / 68-81	14 X 19 RH	AL	4	Nemesis	48-8M0055535	48-8M0084495	(2)
18-22 / 5.5-6.7	47-56 / 76-90	14 X 21 RH	AL	4	Nemesis	48-8M0055536	48-8M0084496	(2)
17-20 / 5.2-6.1	53-61 / 85-98	14 X 23 RH	AL	4	Nemesis	48-8M0055537	48-8M0084497	(2)
24+ / 7.3	to 10 / to 16	16 X 11 RH	AL	3	Black Diamond	QA2000X	78112A45	(2)
23-27 / 7.0-8.2	18-22 / 29-36	16 X 13 RH	AL	3	Black Diamond	QA2004X	78114A45	(2)
21-25 / 6.4-7.6	22-26 / 36-42	16 X 14 RH	AL	3	Black Diamond	QA2006X	16438A45	(2)
21-25 / 6.4-7.8	22-31 / 36-50	15 1/2 X 15 RH	AL	3	Black Diamond	QA2008X	78116A45	(2)
21-25 / 6.4-7.8	26-31 / 42-50	16 X 16 RH	AL	3	Black Diamond	QA2010X	16440A45	(2)
19-23 / 5.8-7.0	30-36 / 48-58	15 X 17 RH	AL	3	Black Diamond	QA1912X	832828A45	(2)
18-22 / 5.5-6.7	32-38 / 52-61	15 1/2 X 18 RH	AL	3	Black Diamond	QA2014X	48- 11324A45	(2)
17-21 / 5.2-6.4	35-41 / 56-66	14 1/2 X 19 RH	AL	3	Black Diamond	QA1916X	832830A45	(2)
to 19 / to 5.8	40-46 / 65-74	14 1/4 X 21 RH	AL	3	Black Diamond	QA1918X	832832A45	(2)
to 18 / to 5.5	44-49 / 71-79	14 X 23 RH	AL	3	Black Diamond	QA1920X	832834A45	(2)
21-25 / 6.4-7.8	22-31 / 36-50	14 1/2 X 15 RH	SS	3	Silverado	QS5050X	16312A46	(2)
19-23 / 5.8-7.0	30-36 / 48-58	14 1/2 X 17 RH	SS	3	Silverado	QS5052X	16314A46	(2)
17-21 / 5.2-6.4	35-41 / 56-66	14 X 19 RH	SS	3	Silverado	QS5054X	16316A46	(2)
to 19 / to 5.8	40-46 / 65-74	13 3/4 X 21 RH	SS	3	Silverado	QS5056X	16318A46	(2)
21-25 / 6.4-7.8	22-31 / 36-50	15 3/4 X 15 RH	SS	3	Thunderbolt	QS5002X	19838A46	(2)
19-23 / 5.8-7.0	30-36 / 48-58	15 1/2 X 17 RH	SS	3	Thunderbolt	QS5004X	18278A46	(2)
17-21 / 5.2-6.4	35-41 / 56-66	15 1/4 X 19 RH	SS	3	Thunderbolt	QS5006X	13700A46	(2)

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
to 19 / to 5.8	40-46 / 65-74	14 3/4 X 21 RH	SS	3	Thunderbolt	QS5008X	13702A46	(2)
24+ / 7.3+	to 10 / to 16	16 X 11P RH	SS	3	Q3	48-8M0103516	8M0070079	(2)
23-27 / 7.0-8.2	15-18 / 24-29	15.6 X 13P RH	SS	3	Q3	48-8M0103517	8M0070079	(2)
23-27 / 7.0-8.2	18-22 / 29-36	15.3 X 14P RH	SS	3	Q3	48-8M0103518	898990A46	(2)
21-25 / 6.4-7.6	22-26 / 36-42	15 X 15P RH	SS	3	Q3	48-8M0103519	898990A46	(2)
21-25 / 6.4-7.6	22-31 / 36-50	14.7 X 16P RH	SS	3	Q3	48-8M0103520	898992A46	(2)
21-25 / 6.4-7.6	26-31 / 42-50	14.5 X 17P RH	SS	3	Q3	48-8M0103521	898994A46	(2)
19-23 / 5.8-7.0	30-36 / 48-58	14.2 X 18P RH	SS	3	Q3	48-8M0103522	898996A46	(2)
18-22 / 5.5-6.7	32-38 / 52-61	14 X 19P RH	SS	3	Q3	48-8M0103523	898998A46	(2)
to 19 / to 5.8	40-46 / 64-74	13.6 X 21P RH	SS	3	Q3	48-8M0103525	899902A46	(2)
21-25 / 6.4-7.6	26-31 / 42-50	14.6 X 17P RH	SS	4	Q4	48-8M0103526	857024A46	(2)
18-22 / 5.5-6.7	32-38 / 52-61	14.6 X 19P RH	SS	4	Q4	48-8M0103528	857026A46	(2)
to 19 / to 5.8	40-46 / 64-74	14.6 X 21P RH	SS	4	Q4	48-8M0103530	857028A46	(2)
to 18 / to 5.5	44-49 / 71-79	14.6 X 23P RH	SS	4	Q4	48-8M0103532	857030A46	(2)
LH Propellers(1)		15 1/2 X 17 LH	SS	3	Thunderbolt	QS5005X	90159A46	(2)
		15 1/4 X 19 LH	SS	3	Thunderbolt	QS5007X	13701A46	(2)
		14.6 X 19P LH	SS	4	Q4	48-8M0103527	857025A46	(2)
		14.6 X 21P LH	SS	4	Q4	48-8M0103529	857027A46	(2)
		14.6 X 23P LH	SS	4	Q4	48-8M0103531	857029A46	(2)
		14.6 X 23P LH	SS	4	Q4	48-8M0103533	857031A46	(2)

(1) For Length and Current MPH of LH Propellers, find the matching family and pitch of RH Propeller.

(2) Use Flo-Torq II attaching hardware kit 835257Q1. Purchase separately.

ALPHA ONE/BRAVO ONE

MERCRUISER 200-280 HP Thru 1985
Models 228, 255, 260, & 280TRS
ALPHA ONE/BRAVO ONE 1986 AND NEWER
4.5 Liter 200-250 HP 2014 and Newer
4.3 Liter 155-250 HP 1986 - 2014
5.0 Liter 180-250 HP 1986 - 2014 (Including 262 Mag)
Warning! Check for adequate tip clearance when installing stainless steel or aluminum 4 blade propellers. If necessary, swicht to high performance trim tab (822777Q1) to allow adequate clearance.

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Work / House	to 26 / to 42	14 X 12 RH	AL	4	Nemesis	48-8M0055531	48-8M0084491	(2)
Work / House	to 29 / to 46	14 X 14 RH	AL	4	Nemesis	48-8M0055533	48-8M0084493	(2)
22-26 / 6.7-7.9	36-41 / 58-66	14 X 17 RH	AL	4	Nemesis	48-8M0055534	48-8M0084494	(2)
21-25 / 6.4-7.6	41-46 / 66-74	14 X 19 RH	AL	4	Nemesis	48-8M0055535	48-8M0084495	(2)
19-23 / 5.8-7.0	46-51 / 74-82	14 X 21 RH	AL	4	Nemesis	48-8M0055536	48-8M0084496	(2)
to 20 / to 6.1	51-56 / 74-90	14 X 23 RH	AL	4	Nemesis	48-8M0055537	48-8M0084497	(2)
26+ / 7.9+	to 16 / to 26	16 X 11 RH	AL	3	Black Diamond	QA2000X	48-78112A45	(2)
24-29 / 7.3-8.8	17-26 / 5.2-42	16 X 13 RH	AL	3	Black Diamond	QA2004X	48-78114A45	(2)
24-29 / 7.3-8.8	22-31 / 35-50	16 X 14 RH	AL	3	Black Diamond	QA2006X	48-16438A45	(2)
23-27 / 7.0-8.2	26-36 / 42-58	15 1/2 X 15 RH	AL	3	Black Diamond	QA2008X	48-78116A45	(2)
23-27 / 7.0-8.2	31-39 / 50-63	16 X 16 RH	AL	3	Black Diamond	QA2010X	48-16440A45	(2)
22-26 / 6.7-7.9	36-41 / 58-66	15 X 17 RH	AL	3	Black Diamond	QA1912X	48-832828A45	(2)
22-26 / 6.7-7.9	38-44 / 61-71	15 1/2 X 18 RH	AL	3	Black Diamond	QA2014X	48-11324A45	(2)
21-25 / 6.4-7.6	41-46 / 66-74	14 1/2 X 19 RH	AL	3	Black Diamond	QA1916X	48-832830A45	(2)
19-23 / 5.8-7.0	46-51 / 74-82	14 1/4 X 21 RH	AL	3	Black Diamond	QA1918X	48-832832A45	(2)
to 20 / to 6.1	51-56 / 74-90	14 X 23 RH	AL	3	Black Diamond	QA1920X	48-832834A45	(2)
23-27 / 7.0-8.2	26-36 / 42-58	14 1/2 X 15 RH	SS	3	Silverado	QS5050X	48-16312A46	(2)
22-26 / 6.7-7.9	36-41 / 58-66	14 1/2 X 17 RH	SS	3	Silverado	QS5052X	48-16314A46	(2)
21-25 / 6.4-7.6	41-46 / 66-74	14 X 19 RH	SS	3	Silverado	QS5054X	48-16316A46	(2)
19-23 / 5.8-7.0	46-51 / 74-82	13 3/4 X 21 RH	SS	3	Silverado	QS5056X	48-16318A46	(2)
23-27 / 7.0-8.2	26-36 / 42-58	15 3/4 X 15 RH	SS	3	Thunderbolt	QS5002X	48-19838A46	(2)
22-26 / 6.7-7.9	36-41 / 58-66	15 1/2 X 17 RH	SS	3	Thunderbolt	QS5004X	48-18278A46	(2)
21-25 / 6.4-7.6	41-46 / 66-74	15 1/4 X 19 RH	SS	3	Thunderbolt	QS5006X	48-13700A46	(2)

QUICKSILVER PROPELLER APPLICATION CHARTS

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
19-23 / 5.8-7.0	46-51 / 74-82	14 3/4 X 21 RH	SS	3	Thunderbolt	QS5008X	48-13702A46	(2)
26+ / 7.9+	to 16 / to 26	16 X 11P RH	SS	3	Q3	48-8M0103516	8M0070079	(2)
24-29 / 7.3-8.8	16-21 / 26-34	15.6 X 13P RH	SS	3	Q3	48-8M0103517	8M0070077	(2)
24-29 / 7.3-8.8	17-26 / 30-42	15.3 X 14P RH	SS	3	Q3	48-8M0103518	898988A46	(2)
24-29 / 7.3-8.8	22-31 / 35-50	15 X 15P RH	SS	3	Q3	48-8M0103519	898990A46	(2)
23-27 / 7.0-8.2	26-36 / 42-58	14.7 X 16P RH	SS	3	Q3	48-8M0103520	898992A46	(2)
23-27 / 7.0-8.2	31-39 / 50-63	14.5 X 17P RH	SS	3	Q3	48-8M0103521	898994A46	(2)
22-26 / 6.7-7.9	36-41 / 58-66	14.2 X 18P RH	SS	3	Q3	48-8M0103522	898996A46	(2)
22-26 / 6.7-7.9	38-44 / 61-71	14 X 19P RH	SS	3	Q3	48-8M0103523	898998A46	(2)
19-23 / 5.8-7.0	46-51 / 74-82	13.6 X 21P RH	SS	3	Q3	48-8M0103525	899002A46	(2)
23-27 / 7.0-8.2	31-39 / 50-63	14.6 X 17P RH	SS	4	Q4	48-8M0103526	857024A46	(2)
22-26 / 6.7-7.9	38-44 / 61-71	14.6 X 19P RH	SS	4	Q4	48-8M0103528	857026A46	(2)
19-23 / 5.8-7.0	46-51 / 74-82	14.6 X 21P RH	SS	4	Q4	48-8M0103530	857028A46	(2)
to 20 / to 6.1	51-56 / 74-90	14.6 X 23P RH	SS	4	Q4	48-8M0103532	857030A46	(2)
LH Propellers (1)		15 1/2 X 17 LH	SS	3	Thunderbolt	QS5005X	48-90159A46	(2)
		15 1/4 X 19 LH	SS	3	Thunderbolt	QS5007X	48-13701A46	(2)
		14.6 X 17P LH	SS	4	Q4	48-8M0103527	857025A46	(2)
		14.6 X 19P LH	SS	4	Q4	48-8M0103529	857027A46	(2)
		14.6 X 21P LH	SS	4	Q4	48-8M0103531	857029A46	(2)
		14.6 X 23P LH	SS	4	Q4	48-8M0103533	857031A46	(2)

(1) For Length and Current MPH of LH Propellers, find the matching family and pitch of RH Propeller.

(2) Use Flo-Torq II attaching hardware kit 835257Q1. Order separate.

ALPHA ONE/BRAVO ONE

Model 330TRS
4.5 Liter 250 HP 2014 & Newer
5.7 Liter 210-320 HP 1986 & Newer
6.2 Liter 320 HP 2001 & newer
7.4 Liter 300-385 HP 1988 & Newer
8.1 Liter 375-425 HP 2001 & Newer
8.2 Liter 390-415 HP 1990 & Newer
Including 350, 454, 496 & 502 Mag. & 320 EFI
Add 2" of pitch to suggested size for singe engine applications 385 HP and above.
Caution! Check for adequate blade tip clearance when installing stainless steel propellers. If necessary, switch to Mercury trim tab 822777Q1 to ensure adequate blade clearance.

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
22-26 / 6.7-7.9	36-41 / 58-66	14 X 17 RH	AL	4	Nemesis	48-8M0055534	48-8M0084494	(2)
21-25 / 6.4-7.6	41-46 / 66-74	14 X 19 RH	AL	4	Nemesis	48-8M0055535	48-8M0084495	(2)
19-23 / 5.8-7.0	46-51 / 74-82	14 X 21 RH	AL	4	Nemesis	48-8M0055536	48-8M0084496	(2)
to 20 / to 6.1	51-56 / 74-90	14 X 23 RH	AL	4	Nemesis	48-8M0055537	48-8M0084497	(2)
29+ / 8.8+	to18 / to 29	16 X 11 RH	AL	3	Black Diamond	QA2000X	48-78112A45	(2)
29-34 / 8.8-10.3	18-30 / 29-48	16 X 13 RH	AL	3	Black Diamond	QA2004X	48-78114A45	(2)
29-32 / 8.8-9.7	24-35 / 39-56	16 X 14 RH	AL	3	Black Diamond	QA2006X	48-16438A45	(2)
27-30 / 8.2-9.1	29-40 / 47-65	15 1/2 X 15 RH	AL	3	Black Diamond	QA2008X	48-78116A45	(2)
26-30 / 8.2-9.1	29-40 / 47-65	16 X 16 RH	AL	3	Black Diamond	QA2010X	48-16440A45	(2)
25-29 / 7.6-8.8	40-46 / 65-74	15 X 17 RH	AL	3	Black Diamond	QA1912X	48-832828A45	(2)
24-28 / 7.3-8.9	43-49 / 69-79	15 1/2 X 18 RH	AL	3	Black Diamond	QA2014X	48-11324A45	(2)
23-26 / 7.0-7.9	46-51 / 74-82	14 1/2 X 19 RH	AL	3	Black Diamond	QA1916X	48-832830A45	(2)
22-25 / 6.7-7.6	51-56 / 82-90	14 1/4 X 21 RH	AL	3	Black Diamond	QA1918X	48-832832A45	(2)
22-24 / 6.7-7.3	56-62 / 90-100	14 X 23 RH	AL	3	Black Diamond	QA1920X	48-832834A45	(2)
27-30 / 8.2-9.1	29-40 / 47-65	14 1/2 X 15 RH	SS	3	Silverado	QS5050X	48-16312A46	(2)
25-29 / 7.6-8.8	40-46 / 65-74	14 1/2 X 17 RH	SS	3	Silverado	QS5052X	48-16314A46	(2)
23-26 / 7.0-7.9	46-51 / 74-82	14 X 19 RH	SS	3	Silverado	QS5054X	48-16316A46	(2)
22-25 / 6.7-7.6	51-56 / 82-90	13 3/4 X 21 RH	SS	3	Silverado	QS5056X	48-16318A46	(2)
27-30 / 8.2-9.1	29-40 / 47-65	15 3/4 X 15 RH	SS	3	Thunderbolt	QS5002X	48-19838A46	(2)
25-29 / 7.6-8.8	40-46 / 65-74	15 1/2 X 17 RH	SS	3	Thunderbolt	QS5004X	48-18278A46	(2)
23-26 / 7.0-7.9	46-51 / 74-82	15 1/4 X 19 RH	SS	3	Thunderbolt	QS5006X	48-13700A46	(2)

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
22-25 / 6.7-7.6	51-56 / 82-90	14 3/4 X 21 RH	SS	3	Thunderbolt	QS5008X	48-13702A46	(2)
29+ / 8.8+	to 18 / to 29	16 X 11P RH	SS	3	Q3	48-8M0103516	8M0070077	(2)
29-34 / 8.8-10.3	18-25 / 29-40	15.6 X 13P RH	SS	3	Q3	48-8M0103517	8M0070079	(2)
29-34 / 8.8-10.3	18-30 / 29-48	15.3 X 14P RH	SS	3	Q3	48-8M0103518	898988A46	(2)
29-32 / 8.8-9.7	24-35 / 39-56	15 X 15P RH	SS	3	Q3	48-8M0103519	898990A46	(2)
27-30 / 8.2-9.1	29-40 / 47-65	14.7 X 16P RH	SS	3	Q3	48-8M0103520	898992A46	(2)
26-30 / 8.2-9.1	29-40 / 47-65	14.5 X 17P RH	SS	3	Q3	48-8M0103521	898994A46	(2)
25-29 / 7.6-8.8	40-46 / 64-74	14.2 X 18P RH	SS	3	Q3	48-8M0103522	898996A46	(2)
24-28 / 7.3-8.9	43-49 / 69-79	14 X 19P RH	SS	3	Q3	48-8M0103523	898998A46	(2)
22-25 / 6.7-7.6	51-56 / 82-90	13.6 X 21P RH	SS	3	Q3	48-8M0103525	899002A46	(2)
26-30 / 8.2-9.1	29-40 / 47-65	14.6 X 17P RH	SS	4	Q4	48-8M0103526	857024A46	(2)
24-28 / 7.3-8.9	43-49 / 69-79	14.6 X 19P RH	SS	4	Q4	48-8M0103528	857026A46	(2)
22-25 / 6.7-7.6	51-56 / 82-90	14.6 X 21P RH	SS	4	Q4	48-8M0103530	857028A46	(2)
22-24 / 6.7-7.3	56-62 / 90-100	14.6 X 23P RH	SS	4	Q4	48-8M0103532	857030A46	(2)
LH Propellers (1)		15 1/2 X 17 LH	SS	3	Thunderbolt	QS5005X	48-90159A46	(2)
		15 1/4 X 19 LH	SS	3	Thunderbolt	QS5007X	48-13701A46	(2)
		14.6 X 17P LH	SS	4	Q4	48-8M0103527	857025A46	(2)
		14.6 X 19P LH	SS	4	Q4	48-8M0103529	857027A46	(2)
		14.6 X 21P LH	SS	4	Q4	48-8M0103531	857029A46	(2)
		14.6 X 23P LH	SS	4	Q4	48-8M0103533	857031A46	(2)

(1) For Length and Current MPH of LH Propellers, find the matching family and pitch of RH Propeller.

(2) Use Flo-Torq II attaching hardware kit 835257Q1 Order separate, except on 400 HP and above applications use solid hub kit 835258Q2. Order separate.

Bravo Two 1988 and Newer – MerCruiser

•4.3L 155-250hp 1996 & Newer •5.0L 180-250hp 1995 & Newer
•5.7L 210-300hp 1993 & Newer •6.2L 320hp 2001 & Newer
•7.4L 300-385hp 1990 & Newer •454 385hp 1996 & Newer
•496 375-425hp 2001 & Newer •502 390-425hp 1996 & Newer
•D2.8L 150hp 1997 & Newer •D3.6L 180hp 1996 and Newer
•D4.2L 200-250hp 1996and Newer •D7.3L 260-300hp 1994 and Newer

Length (ft/m)	Current MPH/KPH	Prop Size	Matl	#Blades	Style	Quicksilver P/N	OEM P/N	Hub System
34-35/10.4-13.7	0-14/0-20	20 x 11 RH	AL	3	Black Diamond BII	48-8M0155024	48-8M0155024	Rubber Bushing
31-39/9.4-12	14-19/20-30	19 1/2 x 13 RH	AL	3	Black Diamond BII	48-8M0155026	48-8M0155026	Rubber Bushing
29-37/8.8-11.3	19-23/30-38	19 1/4 x 15 RH	AL	3	Black Diamond BII	48-8M0155028	48-8M0155028	Rubber Bushing
28-32/8.5-9.8	24-31/38-46	18 3/4 x 17 RH	AL	3	Black Diamond BII	48-8M0155030	48-8M0155030	Rubber Bushing
26-30/7.8-9.1	32-36/52-58	18 1/4 x 19 RH	AL	3	Black Diamond BII	QA1940R	48-18614A40	Rubber Bushing
25-28/7.5-8.5	35-40/56-65	17 3/4 x 21 RH	AL	3	Black Diamond BII	QA1946R	48-18616A40	Rubber Bushing
24-27/7.2-8.2	39-44/63-71	17 1/2 x 23 RH	AL	3	Black Diamond BII	QA1952R	48-18618A40	Rubber Bushing
LH Propellers (1)(1)		20 x 11 LH	AL	3	Black Diamond BII	48-8M0155023	48-8M0155023	Rubber Bushing
		19 1/2 x 13 LH	AL	3	Black Diamond BII	48-8M0155025	48-8M0155025	Rubber Bushing
		19 1/4 x 15 LH	AL	3	Black Diamond BII	48-8M0155027	48-8M0155027	Rubber Bushing
		18 3/4 x 17 LH	AL	3	Black Diamond BII	48-8M0155029	48-8M0155029	Rubber Bushing
		18 1/4 x 19 LH	AL	3	Black Diamond BII	QA1941R	48-18615A40	Rubber Bushing
		17 3/4 x 21 LH	AL	3	Black Diamond BII	QA1947R	48-18617A40	Rubber Bushing
		17 1/2 x 23 LH	AL	3	Black Diamond BII	QA1953R	48-18619A40	Rubber Bushing

(1) For Length and Current MPH of LH Propellers, find the matching family and pitch of RH Propeller.

QUICKSILVER PROPELLER APPLICATION CHARTS

Bravo Three 1993 and Newer - MerCruiser

The Quicksilver Bravo Three propeller set is now standard issue within Quicksilver Propellers!

The Quicksilver Bravo Three features 4-blade front, 3-blade rear set that offers better acceleration performance and enhanced holding. Mixing with old style three blade front three blade rear Thunderbolt BIII propellers is not recommended. For part number information on the old Bravo Three propellers (Pre 2008) see the historical propeller charts section of this guide.

•4.3L 155-250hp 1996 & Newer •4.5L 200-250hp 2014 & Newer
•5.0L 180-250hp 1998 & Newer •5.7L 210-300hp 1994 & Newer
•6.2L 320hp 2001 -2015 •6.2L 300-350hp 2015 & Newer
•7.4L 300-385hp 1993 & Newer •454 385hp 1995 & Newer
•496 375-425hp 2001 & Newer •502 390-425hp?1995 & Newer
•8.2L 380-430 2011 & Newer
•D2.8L 150hp 1997 & Newer •D3.6L 180hp 1996 and Newer
•D4.2L 200-250hp 1996 and Newer •D7.3L 260-300hp 1994 and Newer

Current MPH/KPH	Prop Size	Matl	#Blades	Style	Quicksilver P/N	OEM P/N	Hub System
(Rear Prop)(1)							
<31 / <50	14.4 x 19 RH	SS	3	Quicksilver Bravo III	48-8M0123399	8M8022350	Solid Steel Spline
27-35 / 43-56	14.4 x 20 RH	SS	3	Quicksilver Bravo III	48-8M0123401	8M8022370	Solid Steel Spline
32-40 / 51-64	14.3 x 21 RH	SS	3	Quicksilver Bravo III	48-8M0123403	8M8022390	Solid Steel Spline
34-42 / 55-68	14.25 x 22.5 RH	SS	3	Quicksilver Bravo III	48-8M0123405	8M8022410	Solid Steel Spline
37-44 / 60-71	14 x 24 RH	SS	3	Quicksilver Bravo III	48-8M0123407	8M8022430	Solid Steel Spline
41-48 / 66-77	13.75 x 26 RH	SS	3	Quicksilver Bravo III	48-8M0123409	8M8022450	Solid Steel Spline
46-52 / 74-84	13.5 x 28 RH	SS	3	Quicksilver Bravo III	48-8M0123411	8M8022470	Solid Steel Spline
(Front Prop) (1)							
	16 x 19 LH	SS	4	Quicksilver Bravo III	48-8M0123400	8M8022340	Solid Steel Spline
	16 x 20 LH	SS	4	Quicksilver Bravo III	48-8M0123402	8M8022360	Solid Steel Spline
	15.9 x 21 LH	SS	4	Quicksilver Bravo III	48-8M0123404	8M8022380	Solid Steel Spline
	15.75 x 22.5 LH	SS	4	Quicksilver Bravo III	48-8M0123406	8M8022400	Solid Steel Spline
	15.5 x 24 LH	SS	4	Quicksilver Bravo III	48-8M0123408	8M8022420	Solid Steel Spline
	15.25 x 26 LH	SS	4	Quicksilver Bravo III	48-8M0123410	8M8022440	Solid Steel Spline
	15 x 28 LH	SS	4	Quicksilver Bravo III	48-8M0123412	8M8022460	Solid Steel Spline

(1) Add 4" of pitch to above application chart for twin engine installations.

OMC STERNDRIVE APPLICATION CHARTS

MODEL 400 AND COBRA - OMC

2.3 Litre 120-128 HP 1978-90
2.5 Litre 120 HP 1978-89
3.0 Litre 130-140 HP 1978-89

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
House/Cruisers	14-26 / 23-42	14 X 13 RH Extra Cup	AL	3	Black Diamond	QA3832X	391668	(1)
19-22 / 5.8-6.7	24-32 / 39-52	13 3/4 X 15 RH	AL	3	Black Diamond	QA2208X	391198	(1)
17-20 / 5.2-6.1	30-40 / 48-65	13 1/4 X 17 RH	AL	3	Black Diamond	QA2206X	391199	(1)

(1) Use Flo-Torq II attaching hardware kit 835266Q1. Purchase separately.

SEA DRIVE 4 1/4 INCH GEARCASE - OMC

1.6 Litre V-4 1983 & Newer
1.8 Litre V-4 1983 & Newer
Add 2" of pitch for twin engines

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
22-26 / 6.7-7.8	14-28 / 23-45	14 X 13 RH Extra Cup	AL	3	Black Diamond	QA3832X	391668	(1)
22-26 / 6.7-7.8	24-36 / 39-58	13 3/4 X 15 RH	AL	3	Black Diamond	QA2208X	391198	(1)

(1) Use Flo-Torq II attaching hardware kit 835266Q1. Purchase separately.

SEA DRIVE 4 3/4 INCH LARGE GEARCASE - OMC

•2.0 Litre V-4 1982 & Newer •2.5 Litre V-6 1982 & Newer
•2.6 Litre V-6 1982 & Newer •2.7 Litre V-6 1982 & Newer
•3.0 Litre V-6 1982 & Newer •3.6 Litre V-8 1982 & Newer
•4.0 Litre V-8 1982 & Newer
Following suggestions based on twin engines - Deduct 4" of pitch for single engine applications.

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Work / House	to 26 / to 42	14 X 12 RH	AL	4	Nemesis	48-8M0055531		(2)
Work / House	to 29 / to 46	14 X 14 RH	AL	4	Nemesis	48-8M0055533		(2)
22-26 / 6.7-7.9	36-41 / 58-66	14 X 17 RH	AL	4	Nemesis	48-8M0055534		(2)
21-25 / 6.4-7.6	41-46 / 66-74	14 X 19 RH	AL	4	Nemesis	48-8M0055535		(2)
19-23 / 5.8-7.0	46-51 / 74-82	14 X 21 RH	AL	4	Nemesis	48-8M0055536		(2)
to 20 / to 6.1	51-56 / 74-90	14 X 23 RH	AL	4	Nemesis	48-8M0055537		(2)
Work/House	to 13 / to 21	16 X 11 RH	AL	3	Black Diamond	QA2000X		(2)
Work/House	13-27 / 21-43	16 X 13 RH	AL	3	Black Diamond	QA2004X	391536	(2)
Work/House	16-29 / 26-47	16 X 14 RH	AL	3	Black Diamond	QA2006X		(2)
32-36 / 9.6-10.9 (Twin)	24-34 / 39-55	15 1/2 X 15 RH	AL	3	Black Diamond	QA2008X	391535	(2)
30-33 / 9.1-10.0 (Twin)	30-40 / 48-65	15 X 17 RH	AL	3	Black Diamond	QA1912X	391200	(2)
28-32 / 8.5-9.6	33-45 / 53-72	15 1/2 X 18 RH	AL	3	Black Diamond	QA2014X		(2)
27-30 / 8.2-9.1 (Twin)	36-47 / 58-76	14 1/2 X 19 RH	AL	3	Black Diamond	QA1916X	391201	(2)
25-28 / 7.5-8.5 (Twin)	42-54 / 68-87	14 1/4 X 21 RH	AL	3	Black Diamond	QA1918X	391202	(2)
23-25 / 6.9-7.6 (Twin)	50-62 / 81-100	14 X 23 RH	AL	3	Black Diamond	QA1920X	391203	(2)
32-36 / 9.6-10.9 (Twin)	24-34 / 39-55	14 1/2 X 15 RH	SS	3	Silverado	QS5050X	174926	(2)
30-33 / 9.1-10.0 (Twin)	30-40 / 48-65	14 1/2 X 17 RH	SS	3	Silverado	QS5052X	176615	(2)
27-30 / 8.2-9.1 (Twin)	36-47 / 58-76	14 X 19 RH	SS	3	Silverado	QS5054X	176617	(2)
25-28 / 7.5-8.5 (Twin)	42-54 / 68-87	13 3/4 X 21 RH	SS	3	Silverado	QS5056X	176619	(2)
32-36 / 9.6-10.9 (Twin)	24-34 / 39-55	15 3/4 X 15 RH	SS	3	Thunderbolt	QS5002X		(2)
30-33 / 9.1-10.0 (Twin)	30-40 / 48-65	15 1/2 X 17 RH	SS	3	Thunderbolt	QS5004X		(2)
27-30 / 8.2-9.1 (Twin)	36-47 / 58-76	15 1/4 X 19 RH	SS	3	Thunderbolt	QS5006X		(2)
25-28 / 7.5-8.5 (Twin)	42-54 / 68-87	14 3/4 X 21 RH	SS	3	Thunderbolt	QS5008X		(2)
Work/House	to 13 / to 21	16 X 11P RH	SS	3	Q3	48-8M0103516		(2)
Work/House	13-27 / 16-40	15.6 X 13P RH	SS	3	Q3	48-8M0103517		(2)
Work/House	16-29 / 21-43	15.3 X 14P RH	SS	3	Q3	48-8M0103518		(2)
32-36 / 9.6-10.9 (Twin)	24-34 / 26-47	15 X 15P RH	SS	3	Q3	48-8M0103519		(2)
32-36 / 9.6-10.9 (Twin)	26-38 / 30-51	14.7 X 16P RH	SS	3	Q3	48-8M0103520		(2)
30-33 / 9.1-10 (Twin)	30-40 / 39-55	14.5 X 17P RH	SS	3	Q3	48-8M0103521		(2)
28-32 / 8.5-9.6 (Twin)	33-45 / 48-65	14.2 X 18P RH	SS	3	Q3	48-8M0103522		(2)
27-30 / 8.2-9.1 (Twin)	36-47 / 53-75	14 X 19P RH	SS	3	Q3	48-8M0103523		(2)
25-28 / 7.5-8.5 (Twin)	42-54 / 58-76	13.6 X 21P RH	SS	3	Q3	48-8M0103525		(2)
30-33 / 9.1-10 (Twin)	30-40 / 39-55	14.6 X 17P RH	SS	4	Q4	48-8M0103526		(2)
27-30 / 8.2-9.1 (Twin)	36-47 / 53-75	14.6 X 19P RH	SS	4	Q4	48-8M0103528		(2)
25-28 / 7.5-8.5 (Twin)	42-54 / 58-76	14.6 X 21P RH	SS	4	Q4	48-8M0103530		(2)
23-25 / 6.9-7.6 (Twin)	50-62 / 81-100	14.6 X 23P RH	SS	4	Q4	48-8M0103532		(2)
LH Propellers (1)		15 1/2 X 17 LH	SS	3	Thunderbolt	QS5005X		(2)
		15 1/4 X 19 LH	SS	3	Thunderbolt	QS5007X		(2)
		14.6 X 17P LH	SS	4	Q4	48-8M0103527		(2)
		14.6 X 19P LH	SS	4	Q4	48-8M0103529		(2)
		14.6 X 21P LH	SS	4	Q4	48-8M0103531		(2)
		14.6 X 23P LH	SS	4	Q4	48-8M0103533		(2)

(1) For Length and Current MPH of LH Propellers, find the matching family and pitch of RH Propeller.

(2) Use Flo-Torq II attaching hardware kit 835265Q02 for 1991 and newer applications and Flo-Torq II kit 835267Q1 for 1990 and older models. Purchase separately.

MODEL 800 COBRA AND KING COBRA - OMC

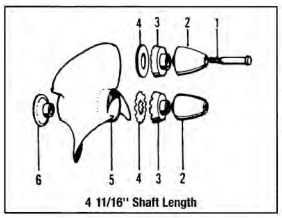
•3.0 Litre 1990-93 •3.2 Litre Diesel 1992-93
•3.8 Litre 1978-93 •4.3 Litre 1985-93
•5.0 Litre 1978-93 •5.7 Litre 1978-93
•5.8 Litre 1978-93 •454 King (7.4 Litre) 1990-93
•7.4 Litre 1987-93 •502 King (8.2 litre) 1990-93
•7.5 Litre 1987-93
See Volvo SX section for 1994 and newer OMC sterndrive applications.

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Work / House	to 26 / to 42	14 X 12 RH	AL	4	Nemesis	48-8M0055531		(2)
Work / House	to 29 / to 46	14 X 14 RH	AL	4	Nemesis	48-8M0055533		(2)
22-26 / 6.7-7.9	36-41 / 58-66	14 X 17 RH	AL	4	Nemesis	48-8M0055534		(2)
21-25 / 6.4-7.6	41-46 / 66-74	14 X 19 RH	AL	4	Nemesis	48-8M0055535		(2)
19-23 / 5.8-7.0	46-51 / 74-82	14 X 21 RH	AL	4	Nemesis	48-8M0055536		(2)
to 20 / to 6.1	51-56 / 74-90	14 X 23 RH	AL	4	Nemesis	48-8M0055537		(2)
Work/House	to 15 / 24	16 X 11 RH	AL	3	Black Diamond	QA2000X		(2)
Non Planing	22-30 / 36-48	16 X 13 RH	AL	3	Black Diamond	QA2004X	391536	(2)
Non Planing	24-33 / 39-53	16 X 14 RH	AL	3	Black Diamond	QA2006X		(2)
24-28 / 7.2-8.5	26-36 / 42-58	15 1/2 X 15 RH	AL	3	Black Diamond	QA2008X	391535	(2)
21-27 / 6.4-8.2	34-44 / 55-71	15 X 17 RH	AL	3	Black Diamond	QA1912X	391200	(2)
19-25 / 5.8-7.6	37-47 / 60-76	15 1/2 X 18 RH	AL	3	Black Diamond	QA2014X		(2)
17-22 / 5.2-6.7	39-50 / 63-81	14 1/2 X 19 RH	AL	3	Black Diamond	QA1916X	391201	(2)
16-21 / 4.8-6.4	44-57 / 71-92	14 1/4 X 21 RH	AL	3	Black Diamond	QA1918X	391202	(2)
15-20 / 4.5-6.1	48-62 / 77-100	14 X 23 RH	AL	3	Black Diamond	QA1920X	391203	(2)
24-28 / 7.2-8.5	26-36 / 42-58	14 1/2 X 15 RH	SS	3	Silverado	QS5050X	174926	(2)
21-27 / 6.4-8.2	34-44 / 55-71	14 1/2 X 17 RH	SS	3	Silverado	QS5052X	176615	(2)
17-22 / 5.2-6.7	39-50 / 63-81	14 X 19 RH	SS	3	Silverado	QS5054X	176617	(2)
16-21 / 4.8-6.4	44-57 / 71-92	13 3/4 X 21 RH	SS	3	Silverado	QS5056X	176619	(2)
24-28 / 7.2-8.5	26-36 / 42-58	15 3/4 X 15 RH	SS	3	Thunderbolt	QS5002X		(2)
21-27 / 6.4-8.2	34-44 / 55-71	15 1/2 X 17 RH	SS	3	Thunderbolt	QS5004X		(2)
17-22 / 5.2-6.7	39-50 / 63-81	15 1/4 X 19 RH	SS	3	Thunderbolt	QS5006X		(2)
16-21 / 4.8-6.4	44-57 / 71-92	14 3/4 X 21 RH	SS	3	Thunderbolt	QS5008X		(2)
Work/House	to 15 / to 24	16 X 11P RH	SS	4	Q3	48-8M0103516		(2)
Non Planing	22-30 / 36-48	15.6 X 13P RH	SS	3	Q3	48-8M0103517		(2)
Non Planing	24-33 / 39-53	15.3 X 14P RH	SS	3	Q3	48-8M0103518		(2)
24-28 / 7.2-8.5	26-36 / 42-58	15 X 15P RH	SS	3	Q3	48-8M0103519		(2)
24-28 / 7.2-8.5	29-40 / 47-63	14.7 X 16P RH	SS	3	Q3	48-8M0103520		(2)
21-27 / 6.4-8.2	34-44 / 55-71	14.5 X 17P RH	SS	3	Q3	48-8M0103521		(2)
19-25 / 5.8-7.6	37-47 / 60-76	14.2 X 18P RH	SS	3	Q3	48-8M0103522		(2)
17-22 / 5.2-6.7	39-50 / 63-81	14 X 19P RH	SS	3	Q3	48-8M0103523		(2)
16-21 / 4.8-6.4	44-57 / 71-92	13.6 X 21P RH	SS	3	Q3	48-8M0103525		(2)
21-27 / 6.4-8.2	34-44 / 55-71	14.6 X 17P RH	SS	4	Q4	48-8M0103525		(2)
17-22 / 5.2-6.7	39-50 / 63-81	14.6 X 19P RH	SS	4	Q4	48-8M0103528		(2)
16-21 / 4.8-6.4	44-57 / 71-92	14.6 X 21P RH	SS	4	Q4	48-8M0103530		(2)
15-20 / 4.5-6.1	48-62 / 77-100	14.6 X 23P RH	SS	4	Q4	48-8M0103532		(2)
LH Propellers (1)		15 1/2 X 17 LH	SS	3	Thunderbolt	QS5005X		(2)
		15 1/4 X 19 LH	SS	3	Thunderbolt	QS5007X		(2)
		14.6 X 17P LH	SS	4	Q4	48-8M0103527		(2)
		14.6 X 19P LH	SS	4	Q4	48-8M0103529		(2)
		14.6 X 21P LH	SS	4	Q4	48-8M0103531		(2)
		14.6 X 23P LH	SS	4	Q4	48-8M0103533		(2)

(1) For Length and Current MPH of LH Propellers, find the matching family and pitch of RH Propeller.

(2) Use Flo-Torq II attaching hardware kit 835265Q02 for 1991 and newer applications and Flo-Torq II kit 835267Q1 for 1990 and older models. Purchase separately.

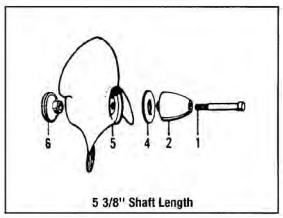
VOLVO PENTA STERNDRIVE APPLICATION CHARTS



4 11/16" Shaft Length

Short Hub Installation

1 Bolt
2 Propeller Cone
3 Spacer
4 Lock Tab Washer/Nylon Washer
5 Propeller
6 Fish Line Cutter



5 3/8" Shaft Length

Long Hub Installation

1 Bolt
2 Propeller Cone
4 Nylon Washer
5 Propeller
6 Fish Line Cutter

VOLVO PENTA SX

SX COBRA
OMC COBRA 1994 & NEWER
3.0 Litre 1994 & Newer
4.3 Litre 1994 & Newer
5.0 Litre 1994 & Newer
5.7 Litre 1994 & Newer
5.8 Litre 1994-97
7.4 Litre 1997 & Newer
8.2 Litre 1997
LARGE 4 3/4" GEARCASE - 19 SPLINE
Caution! When installing stainless steel propellers remove anode attached to bearing carrier and check clearance before operation.

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Work / House	to 26 / to 42	14 X 12 RH	AL	4	Nemesis	48-8M0055531		(2)
Work / House	to 29 / to 46	14 X 14 RH	AL	4	Nemesis	48-8M0055533		(2)
22-26 / 6.7-7.9	36-41 / 58-66	14 X 17 RH	AL	4	Nemesis	48-8M0055534		(2)
21-25 / 6.4-7.6	41-46 / 66-74	14 X 19 RH	AL	4	Nemesis	48-8M0055535		(2)
19-23 / 5.8-7.0	46-51 / 74-82	14 X 21 RH	AL	4	Nemesis	48-8M0055536		(2)
to 20 / to 6.1	51-56 / 74-90	14 X 23 RH	AL	4	Nemesis	48-8M0055537		(2)
Work/House	to 15 / 24	16 X 11 RH	AL	3	Black Diamond	QA2000X		(2)
Non Planing	22-30 / 35-48	16 X 13 RH	AL	3	Black Diamond	QA2004X	3850298-5	(2)
Non Planing	24-33 / 39-53	16 X 14 RH	AL	3	Black Diamond	QA2006X		(2)
24-28 / 7.3-8.5	26-36 / 42-58	15 1/2 X 15 RH	AL	3	Black Diamond	QA2008X	3850299-3	(2)
20-27 / 6.1-8.2	34-44 / 55-71	15 X 17 RH	AL	3	Black Diamond	QA1912X	3850300-9	(2)
19-25 / 5.8-7.6	37-47 / 60-76	15 1/2 X 18 RH	AL	3	Black Diamond	QA2014X		(2)
17-22 / 5.2-6.7	39-50 / 63-81	14 1/2 X 19 RH	AL	3	Black Diamond	QA1916X	3850301-7	(2)
16-20 / 4.8-6.1	44-57 / 55-92	14 1/4 X 21 RH	AL	3	Black Diamond	QA1918X	3850302-5	(2)
15-20 / 4.5-6.1	48-62 / 77-100	14 X 23 RH	AL	3	Black Diamond	QA1920X	3850303-3	(2)
24-28 / 7.3-8.5	26-36 / 42-58	14 1/2 X 15 RH	SS	3	Silverado	QS5050X	3850305-8	(2)
20-27 / 6.1-8.2	34-44 / 55-71	14 1/2 X 17 RH	SS	3	Silverado	QS5052X	3850307-7	(2)
17-22 / 5.2-6.7	39-50 / 63-81	14 X 19 RH	SS	3	Silverado	QS5054X	3850308-2	(2)
16-20 / 4.8-6.1	44-57 / 55-92	13 3/4 X 21 RH	SS	3	Silverado	QS5056X	3850309-0	(2)
24-28 / 7.3-8.5	26-36 / 42-58	15 3/4 X 15 RH	SS	3	Thunderbolt	QS5002X		(2)
20-27 / 6.1-8.2	34-44 / 55-71	15 1/2 X 17 RH	SS	3	Thunderbolt	QS5004X		(2)
17-22 / 5.2-6.7	39-50 / 63-81	15 1/4 X 19 RH	SS	3	Thunderbolt	QS5006X		(2)
16-20 / 4.8-6.1	44-57 / 55-92	14 3/4 X 21 RH	SS	3	Thunderbolt	QS5008X		(2)
Work/House	to 15 / to 24	16 X 11P RH	SS	3	Q3	48-8M0103516		(2)
Non Planing	22-30 / 36-48	15.6 X 13P RH	SS	3	Q3	48-8M0103517		(2)
Non Planing	24-33 / 39-53	15.3 X 14P RH	SS	3	Q3	48-8M0103518		(2)
24-28 / 7.2-8.5	26-36 / 42-58	15 X 15P RH	SS	3	Q3	48-8M0103519		(2)

QUICKSILVER PROPELLER APPLICATION CHARTS

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
24-28 / 7.2-8.5	29-40 / 47-63	14.7 X 16P RH	SS	3	Q3	48-8M0103520		(2)
21-27 / 6.4-8.2	34-44 / 55-71	14.5 X 17P RH	SS	3	Q3	48-8M0103521		(2)
19-25 / 5.8-7.6	37-47 / 60-76	14.2 X 18P RH	SS	3	Q3	48-8M0103522		(2)
17-22 / 5.2-6.7	39-50 / 63-81	14 X 19P RH	SS	3	Q3	48-8M0103523		(2)
16-(2)21 / 4.8-6.4	44-57 / 71-92	13.6 X 21P RH	SS	3	Q3	48-8M0103525		(2)
21-27 / 6.4-8.2	34-44 / 55-71	14.6 X 17P RH	SS	4	Q4	48-8M0103526		(2)
17-22 / 5.2-6.7	39-50 / 63-81	14.6 X 19P RH	SS	4	Q4	48-8M0103528		(2)
16-21 / 4.8-6.4	44-57 / 71-92	14.6 X 21P RH	SS	4	Q4	48-8M0103530		(2)
15-20 / 4.5-6.1	48-62 / 77-100	14.6 X 23P RH	SS	4	Q4	48-8M0103530		(2)
LH Propellers (1)		15 1/2 X 17 LH	SS	3	Thunderbolt	QS5005X		(2)
		15 1/4 X 19 LH	SS	3	Thunderbolt	QS5007X		(2)
		14.6 X 17P LH	SS	4	Q4	48-8M0103527		(2)
		14.6 X 19P LH	SS	4	Q4	48-8M0103529		(2)
		14.6 X 21P LH	SS	4	Q4	48-8M0103531		(2)
		14.6 X 23P LH	SS	4	Q4	48-8M0103533		(2)

(1) For Length and Current MPH of LH Propellers, find the matching family and pitch of RH Propeller.

(2) Use Flo-Torq II attaching hardware kit 8M0119083. Purchase separately.

YAMAHA STERNDRIVE APPLICATION CHART

V6/V8 – 4 3/4" GEARCASE – Yamaha

3.0 Liter 1989-93
4.3 liter 1989-93
5.0 Liter 1989-93
5.7 Liter 1989-93
7.4 Liter 1992-93
130-300 HP - V-6/V-8 - 4 3/4" GEARCASE

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
Work / House	to 26 / to 42	14 X 12 RH	AL	4	Nemesis	48-8M0055531		(2)
Work / House	to 29 / to 46	14 X 14 RH	AL	4	Nemesis	48-8M0055533		(2)
22-26 / 6.7-7.9	36-41 / 58-66	14 X 17 RH	AL	4	Nemesis	48-8M0055534		(2)
21-25 / 6.4-7.6	41-46 / 66-74	14 X 19 RH	AL	4	Nemesis	48-8M0055535		(2)
19-23 / 5.8-7.0	46-51 / 74-82	14 X 21 RH	AL	4	Nemesis	48-8M0055536		(2)
to 20 / to 6.1	51-56 / 74-90	14 X 23 RH	AL	4	Nemesis	48-8M0055537		(2)
24+ / 7.3+	to 10 / to 16	16 X 11 RH	AL	3	Black Diamond	QA2000X		(2)
23-27 / 7.0-8.2	15-18 / 24-29	16 X 13 RH	AL	3	Black Diamond	QA2004X		(2)
21-25 / 6.4-7.6	22-26 / 36-42	16 X 14 RH	AL	3	Black Diamond	QA2006X		(2)
22-27 / 6.7-8.2	23-36 / 37-58	15 1/2 X 15 RH	AL	3	Black Diamond	QA2008X	6G5-45941-00-98	(2)
22-26 / 6.7-7.8	26-40 / 42-64	16 X 16 RH	AL	3	Black Diamond	QA2010X	6G5-45952-00-98	(2)
21-25 / 6.4-7.6	30-46 / 48-74	15 X 17 RH	AL	3	Black Diamond	QA1912X		(2)
18-22 / 5.5-6.7	32-38 / 52-61	15 1/2 X 18 RH	AL	3	Black Diamond	QA2014X		(2)
19-23 / 5.8-7.0	35-51 / 56-82	14 1/2 X 19 RH	AL	3	Black Diamond	QA1916X		(2)
18-21 / 5.5-6.4	40-56 / 64-90	14 1/4 X 21 RH	AL	3	Black Diamond	QA1918X		(2)
17-20 / 5.2-6.1	44-62 / 71-100	14 X 23 RH	AL	3	Black Diamond	QA1920X	6G5-45949-00-98	(2)
22-27 / 6.7-8.2	23-36 / 37-58	14 1/2 X 15 RH	SS	3	Silverado	QS5050X	6G5-45970-02-98	(2)
21-25 / 6.4-7.6	30-46 / 48-74	14 1/2 X 17 RH	SS	3	Silverado	QS5052X	6G5-45978-03-98	(2)
19-23 / 5.8-7.0	35-51 / 56-82	14 X 19 RH	SS	3	Silverado	QS5054X	6G5-45974-03-98	(2)
18-21 / 5.5-6.4	40-56 / 64-90	13 3/4 X 21 RH	SS	3	Silverado	QS5056X	6G5-45972-02-98	(2)
22-27 / 6.7-8.2	23-36 / 37-58	15 3/4 X 15 RH	SS	3	Thunderbolt	QS5002X		(2)
21-25 / 6.4-7.6	30-46 / 48-74	15 1/2 X 17 RH	SS	3	Thunderbolt	QS5004X	6R4-45978-A0-00	(2)
19-23 / 5.8-7.0	35-51 / 56-82	15 1/4 X 19 RH	SS	3	Thunderbolt	QS5006X	6R4-45970-A0-00	(2)
18-21 / 5.5-6.4	40-56 / 64-90	14 3/4 X 21 RH	SS	3	Thunderbolt	QS5008X	6R4-45972-A0-00	(2)
24+ / 7.3+	to 10 / to 16	16 X 11 RH	SS	3	Q3	48-8M0103516		(2)

Length (ft/m)	Current MPH/KPH	Propeller Size	Matl	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
23-27 / 7-8.2	15-18 / 24-29	15.6 X 13 RH	SS	3	Q3	48-8M0103517		(2)
21-25 / 6.4-7.6	22-26 / 36-42	15.3 X 14 RH	SS	3	Q3	48-8M0103518		(2)
22-27 / 6.7-8.2	23-36 / 37-58	15 X 15 RH	SS	3	Q3	48-8M0103519		(2)
22-26 / 6.7-7.8	26-40 / 42-64	14.7 X 16 RH	SS	3	Q3	48-8M0103520		(2)
21-25 / 6.4-7.6	30-46 / 48-74	14.5 X 17 RH	SS	3	Q3	48-8M0103521		(2)
18-22 / 5.5-6.7	32-38 / 52-61	14.2 X 18 RH	SS	3	Q3	48-8M0103522		(2)
19-23 / 5.8-7	35-51 / 56-82	14.0 X 19 RH	SS	3	Q3	48-8M0103523		(2)
18-21 / 5.5-6.4	40-56 / 64-90	13.6 X 21 RH	SS	3	Q3	48-8M0103525		(2)
21-25 / 6.4-7.6	30-46 / 48-74	14.6 X 17P RH	SS	4	Q4	48-8M0103526		(2)
19-23 / 5.8-7	35-51 / 56-82	14.6 X 19P RH	SS	4	Q4	48-8M0103528		(2)
18-21 / 5.5-6.4	40-56 / 64-90	14.6 X 21P RH	SS	4	Q4	48-8M0103530		(2)
17-20 / 5.2-6.1	44-62 / 71-100	14.6 X 23P RH	SS	4	Q4	48-8M0103532		(2)
LH Propellers(1)		15 1/2 X 17 LH	SS	3	Thunderbolt	QS5005X	6R1-45978-A0-00	(2)
		15 1/4 X 19 LH	SS	3	Thunderbolt	QS5007X	6R1-45970-A0-00	(2)
		14.6 X 17P LH	SS	4	Q4	48-8M0103527		(2)
		14.6 X 17P LH	SS	4	Q4	48-8M0103529		(2)
		14.6 X 17P LH	SS	4	Q4	48-8M0103531		(2)
		14.6 X 17P LH	SS	4	Q4	48-8M0103533		(2)

(1) For Length and Current MPH of LH Propellers, find the matching family and pitch of RH Propeller.

(2) Use Flo-Torq II attaching hardware kit 835271Q2. Purchase separately.

QUICKSILVER PROPELLER TYPE

Propellers sorted by Pitch, then Diameter, then by Rotation (Right-hand, Left-hand)

BLACK DIAMOND

General purpose 3-blade aluminum propeller
Inexpensive and easy to repair
Recommended for speeds less than 50 MPH and applications less than 300 HP
4 - 30 HP are equipped with the Flo-Torq I rubber hub
40 - 60 HP standard are equipped with the Reflex hub system
40 CT - 300 HP requires a Flo-Torq II or Flo-Torq SSR hub system (sold separately)

BLACK DIAMOND 25/30HP (2022 AND NEWER WITH 2.17:1 GEAR RATIO)

BLACK DIAMOND



48-8M0185642
10.7 X 10 RH AL 3 BL

48-8M0185643
10.7 X 11 RH AL 3 BL

48-8M0185644
10.6 X 12 RH AL 3 BL

48-8M0185645
10.5 X 13 AL 3 BL

48-8M0185647
11 X 7 RH AL 4 SILVER

BLACK DIAMOND 40 - 60 HP STANDARD

BLACK DIAMOND



QA2060X
12.5 X 8 RH AL 3 BL

QA2062X
12.3 X 9 RH AL 3 BL

QA2064X
11.3 X 10 RH AL 3 BL

QA2070X
10.9 X 11 RH AL 3 BL

QA2074X
10.6 X 12 RH AL 3 BL

QA2072X
10.8 X 12 RH AL 3 BL

QA2078X
10.4 X 13 RH AL 3 BL

QA2076X
10.5 X 13 RH AL 3 BL

QA2082X
10.3 X 14 RH AL 3 BL

QA2080X
10.4 X 14 RH AL 3 BL

QA2084X
10.1 X 15 RH AL 3 BL

BLACK DIAMOND 40 CT - 125 HP

BLACK DIAMOND



QA2026X
14 X 9 RH AL 3 BL

QA2028X
14 X 10 RH AL 3 BL

QA2828X
14 X 10 RH AL 3 BL Extra Cup

QA2030X
14 X 11 RH AL 3 BL

QA2830X
14 X 11 RH AL 3 BL Extra Cup

QA2032X
14 X 13 RH AL 3 BL

QA2832X
14 X 13 RH AL 3 BL Extra Cup

QA2034X
13.8 X 15 RH AL 3 BL

QA2036X
13.3 X 17 RH AL 3 BL

QA2038X
13 X 19 RH AL 3 BL

QA2040X
12.8 X 21 RH AL 3 BL

QA2042X
12.5 X 23 RH AL 3 BL

BLACK DIAMOND 90 CT - 300 HP

BLACK DIAMOND



QA2000X
16 X 11 RH AL 3 BL

QA2004X
16 X 13 RH AL 3 BL

QA2006X
16 X 14 RH AL 3 BL

QA2008X
15.3 X 15 RH AL 3 BL

QA2010X
16 X 16 RH AL 3 BL

QA1912X
15 X 17 RH AL 3 BL

QA2014X
15.5 X 18 RH AL 3 BL

QA1916X
14.5 X 19 RH AL 3 BL

QA1918X
14.3 X 21 RH AL 3 BL

QA1920X
14 X 23 RH AL 3 BL

BLACK DIAMOND FOR 85 - 140 HP EVINRUDE/ JOHNSON V-4

Black Diamond Propellers designed to fit 85-140 hp Evinrude/Johnson V-4

BLACK DIAMOND



QA3832X
14 X 13 RH AL 3 BL Extra Cup

QA2208X
13.8 X 15 RH AL 3 BL

QA2206X
13.3 X 17 RH AL 3 BL

NEMESIS

The ultimate performance aluminum propeller. Do you want to take your boat's performance to the next level? The Nemesis provides 16-25% faster acceleration and superior holding all while maintaining top speed vs. a comparable 3 blade aluminum propeller.

Hub Application:
25-30 HP are equipped with the Flo-Torq 1 rubber hub
40-60 HP standard gearcase are equipped with the Reflex hub system
40 CT - 300 HP requires a Flo-Torq II or Flo-Torq SSR hub system (sold separately)

The 10, 11 and 13 pitch propellers for the 40-60 CT are specifically designed for excellent performance in pontoon applications. If engine RPM is appropriate with 3-blade prop, replace with the same pitch Nemesis propeller.

9.5" - 23" pitch RH only

NEMESIS 25 - 30 HP

25-30 HP 4-Stroke outboards (2006 and newer)
Equipped with a Flo-Torq I rubber hub

NEMESIS PROPELLER



48-**8M8027516**
9.3 X 9.5P RH Al 4 BL

48-**8M8027517**
9.3 X 11 RH AL 4 BL

NEMESIS 40 - 60 HP

25 HP CT, 30 HP FourStroke (2005 and earlier), 40-60 HP 2-stroke and FourStroke outboards with standard gearcases

Equipped with a Flo-Torq Reflex Hub system to eliminate clutch rattle

NEMESIS PROPELLER



48-**8M8027510**
10.6 X 11 RH AL 4 BL

48-**8M8027511**
10.6 X 12 RH AL 4 BL

48-**8M8027512**
10.3 X 13 RH AL 4 BL

48-**8M8027513**
10.1 X 14 RH AL 4 BL

48-**8M8027514**
10.1 X 15 RH AL 4 BL

NEMESIS 40 CT - 125 HP

For 40-60 HP CT FourStroke, 75-125 HP outboards

10-13 Pitch propellers are designed for to provide superior holding and lift for pontoon boats

Requires a Flo-Torq II or Flo-Torq SSR hub system (sold separately)

NEMESIS PONTOON PROPELLER



48-**8M8027497**
13.8 X 10 RH AL 4 BL
48-**8M8027498**
13.8 X 11 RH AL 4 BL
48-**8M8027500**
13.8 X 13 RH AL 4 BL

NEMESIS PROPELLER



48-**8M8027502**
13.4 X 15 RH AL 4 BL
48-**8M8027504**
13.0 X 17 RH AL 4 BL
48-**8M8027506**
12.5 X 19 RH AL 4 BL

NEMESIS 90 CT - 300 HP

For 90 CT - 300 HP outboards and most 4.75 inch gearcase sterndrives
The high performance blade design is not recommended for Alpha One drives with a 1.47 ratio
The 12P and 14P offering are high performing propellers for 90-115 CT and 150 HP outboard powered pontoons

Requires a Flo-Torq II or Flo-Torq SSR hub system (sold separately)

NEMESIS PROPELLER



48-**8M0055531**
14 X 12 AL RH 4BL
48-**8M0055533**
14 X 14 AL RH 4BL
48-**8M0055534**
14 X 17 RH AL 4 BL
48-**8M0055535**
14 X 19 RH AL 4 BL
48-**8M0055536**
14 X 21 RH AL 4 BL
48-**8M0055537**
14 X 23 RH AL 4 BL

Q3 90 CT - 400 HP

The Q3 is a revolutionary propeller that improves both acceleration and top speed on center consoles, high horsepower pontoons, and sterndrive powered runabouts. The design consists of high rake angles and thin blades resulting in the Q3 being the highest performing 3-blade propeller in the Quicksilver line-up.

Equipped with PVS - Performance Vent System

Requires a Flo-Torq II or Flo-Torq SSR hub system (sold separately)

Use Flo-Torq SSR HD hub kit 8M0101603 when installing a Q3 propeller on a Mercury FourStroke V8 and 350 - 400 HP Verado Outboards

QUICKSILVER Q3 PROPELLER



48-**8M0103516**
16 x 11 RH SS 3 BL
48-**8M0103517**
15.6 x 13P RH SS 3 BL
48-**8M0103518**
15.3 x 14P RH SS 3 BL

48-**8M0103519**
15.0 x 15P RH SS 3 BL
48-**8M0103520**
14.7 x 16P RH SS 3 BL
48-**8M0103521**
14.5 x 17P RH SS 3 BL
48-**8M0103522**
14.2 x 18P RH SS 3 BL
48-**8M0103523**
14.0 x 19P RH SS 3 BL
48-**8M0103525**
13.6 x 21P RH SS 3 BL

Q4 40 CT - 125 HP

The aggressive 4-blade Q4 generates exceptional lift resulting in a propeller that provides outstanding holeshot, unmatched midrange performance and superior handling, all while running at best-in-class top speeds. The new Q4 is the ideal match on a wide range of boat types (Bass, Multi-Species, Fish and Ski, Center Console, Bay, Pontoon).

Equipped with PVS - Performance Vent System

Requires a Flo-Torq II or Flo-Torq SSR hub system (sold separately)

Q4 PROPELLER



48-**8M0055559**
14 X 13 SS RH 4BL
48-**8M0055560**
13.5 x 15 SS RH 4 BL
48-**8M0055561**
13.0 x 17 SS RH 4BL
48-**8M0055562**
12.7 x 19 SS RH 4BL
48-**8M0055563**
12.7 x 21 SS RH 4BL

Q4 90 CT - 400 HP

The Q4 is an innovative propeller that provides outstanding holeshot, unmatched midrange performance, and superior holding on high horsepower walleye boats, center consoles, and sterndrive runabouts.

Available in Right and Left Hand

Equipped with PVS - Performance Vent System

Requires a Flo-Torq II or Flo-Torq SSR hub system (sold separately)

Use Flo-Torq SSR HD hub kit 8M0101603 when installing a Q4 propeller on a Mercury FourStroke V8 and 350 - 400 HP Verado Outboards.

QUICKSILVER Q4 PROPELLER



48-**8M0103526**
14.6 x 17P RH SS 4 BL
48-**8M0103527**
14.6 x 17P LH SS 4 BL
48-**8M0103528**
14.6 x 19P RH SS 4 BL
48-**8M0103529**
14.6 x 19P LH SS 4 BL
48-**8M0103530**
14.6 x 21P RH SS 4 BL
48-**8M0103531**
14.6 x 21P LH SS 4 BL
48-**8M0103532**
14.6 x 23P RH SS 4 BL
48-**8M0103533**
14.6 x 23P LH SS 4 BL

SILVERADO

General-purpose 3-blade stainless steel propeller

SILVERADO 40 - 60 HP

40 - 60 HP with standard gearcase

Equipped with the Reflex hub system

SILVERADO



QS5166X
10.5 X 13 RH SS 3 BL

QS5168X
10.4 X 14 RH SS 3 BL

QS5170X
10.3 X 15 RH SS 3 BL

SILVERADO 40 CT - 125 HP

For 40 - 60 HP CT FourStroke, 75-125 HP standard gearcase outboards

Requires a Flo-Torq II or Flo-Torq SSR hub system (sold separately)

SILVERADO



QS5114X
13.4 X 14 RH SS 3 BL

QS5116X
13.1 X 16 RH SS 3 BL

QS5118X
13 X 18 RH SS 3 BL

SILVERADO 90 CT - 300 HP

Requires a Flo-Torq II or Flo-Torq SSR hub system (sold separately)

SILVERADO



QS5050X
14.5 X 15 RH SS 3 BL

QS5052X
14.5 X 17 RH SS 3 BL

QS5054X
14 X 19 RH SS 3 BL

QS5056X
13.8 X 21 RH SS 3 BL

THUNDERBOLT 90 CT - 400 HP

3-blade stainless performance propeller with more blade area for large boats with big V-6 outboards and V-8 sterndrives
Outstanding on Bravo One and TRS sterndrives
Good prop for sport/performance style boats as well as cruisers
Equipped with PVS - Performance Vent System

Requires a Flo-Torq II or Flo-Torq SSR hub system (sold separately)

Use Flo-Torq SSR HD hub kit 8M0101603 when installing a Thunderbolt propeller on a Mercury FourStroke V8 and 350 - 400 HP Verado Outboards.

THUNDERBOLT



QS5002X
15.8 X 15 RH SS 3 BL

QS5004X
15.5 X 17 RH SS 3 BL

QS5005X
15.5 X 17 LH SS 3 BL

QS5006X
15.3 X 19 RH SS 3 BL

QS5007X
15.3 X 19 LH SS 3 BL

QS5008X
14.8 X 21 RH SS 3 BL

BLACK DIAMOND BRAVO TWO

General purpose 3-blade aluminum propeller
Right and left-hand rotation
11-23" pitch

BLACK DIAMOND BRAVO TWO (MATTE BLACK)



48-**8M0155023**
20 X 11 LH AL 3 BL
48-**8M0155024**
20 X 11 RH AL 3 BL
48-**8M0155025**
19.5 X 13 LH AL 3 BL
48-**8M0155026**
19.5 X 13 RH AL 3 BL
48-**8M0155027**
19.3 X 15 LH AL 3 BL
48-**8M0155028**
19.3 X 15 RH AL 3 BL
48-**8M0155029**
18.8 X 17 LH AL 3 BL
48-**8M0155030**
18.8 X 17 RH AL 3 BL

BLACK DIAMOND BRAVO TWO

QA1941R
18.3 X 19 LH AL 3 BL
QA1940R
18.3 X 19 RH AL 3 BL
QA1947R
17.8 X 21 LH AL 3 BL
QA1946R
17.8 X 21 RH AL 3 BL
QA1953R
17.5 X 23 LH AL 3 BL
QA1952R
17.5 X 23 RH AL 3 BL

QUICKSILVER BRAVO THREE

Twin contra-rotating stainless steel propellers
Large diameter forward 4-blade propeller
Small diameter aft 3-blade propeller
Unbelievable handling and boat control
Tough matte finish
19-28" pitch

QUICKSILVER BRAVO THREE



48-**8M0123399**
14.4 X 19 RH SS 3 BL - Rear
48-**8M0123400**
16 X 19 LH SS 4BL - Front
48-**8M0123401**
14.4 X 20 RH SS 3 BL - Rear
48-**8M0123402**
16 X 20 LH SS 4BL - Front
48-**8M0123403**
14.3 X 21 RH SS 3 BL - Rear
48-**8M0123404**
15.9 X 21 LH SS 4BL - Front
48-**8M0123405**
14.3 X 22.5 RH SS 3 BL - Rear
48-**8M0123406**
15.8 X 22.5 LH SS 4BL - Front
48-**8M0123407**
14.0 X 24 RH SS 3 BL - Rear
48-**8M0123408**
15.5 X 24 LH SS 4BL - Front
48-**8M0123409**
13.8 X 26 RH SS 3 BL - Rear
48-**8M0123410**
15.3 X 26 LH SS 4BL - Front
48-**8M0123411**
13.5 X 28 RH SS 3 BL - Rear
48-**8M0123412**
15 X 28 LH SS 4BL - Front

OEM - QUICKSILVER PROPELLER CROSS REFERENCE

EVINRUDE/JOHNSON/OMC PROP CROSS REFERENCE

Evinrude/Johnson/OMC Prop Cross Reference

OEM	QUICKSILVER
174813	
174816	QS5058X
174817	QA3170R
174926	QS5050X
174950	QA3168R
175190	QA3114R
175191	QA3118R
176214	NLA
176215	NLA
176216	NLA
176421	
176422	
176423	
176571	
176572	
176573	
176574	
176615	QS5052X
176616	
176617	QS5054X
176618	
176619	QS5056X
176620	
176623	
176624	
176625	
176626	QS5052X
176627	QS5054X
176628	QS5056X
176629	
176630	
176902	
176969	QS5052X
176970	QS5054X
176973	
176974	
177034	
177035	
177036	
177042	
380637	NLA
382761	NLA
383629	QA3150R
384460	NLA
386786	
386841	
386907	
386908	
386909	
387334	QA3178R
388088	QA3152R
388883	
389019	QS5058X
389510	
389512	
389788	NLA
389923	QS5056X
389924	QS5054X
389944	NLA
389948	
389949	
390237	
390380	
390821	
390822	
390823	
390896	NLA
391198	NLA
391199	NLA
391200	QA1912X
391201	QA1916X
391202	QA1918X
391203	QA1920X
391290	QS5052X
391535	QA2008X
391536	QA2004X
391668	NLA
394752	
394753	
394754	
394755	
394759	
394760	
394761	NLA
398502	
398503	
398504	NLA
431390	
3850298	QA2004X
3850299	QA2008X
3850300	QA1912X
3850301	QA1916X
3850302	QA1918X
3850303	QA1920X
3850305	QS5050X
3850307	QS5052X
3850308	QS5054X
3850309	QS5056X
3850310	QS5058X
3850311	QS5052X
3850312	QS5054X
3850313	QS5056X
3850314	QS5058X

OEM	QUICKSILVER
3850316	
3850317	
3850318	
3850319	
3850320	
3850321	
3850322	
3850323	
3855142	
3855144	
3855146	
3855152	
3855154	
3855156	NLA
3858026	QS5052X
3858027	QS5054X
3858028	QS5056X
3858029	
3858030	
3858031	
5031619	QA2078X
5031620	NLA
5031623	NLA
5031627	

FORCE PROPELLER CROSS REFERENCE

Force Prop Cross Reference

OEM	QUICKSILVER
16986A45	QS5116X
48-16986A46	QS5116X
48-16988A45	QS5118X
48-16988A46	QS5118X
48-16990A45	
48-16990A46	
48-16992A45	
48-16992A46	
48-16994A45	
48-16994A46	
48-16996A45	
48-16996A46	
48-17314A45	QS5114X
48-17314A46	QS5114X
48-19638A40	NLA
48-19640A40	QA2106R
48-19642A40	NLA
48-19644A5	
48-42738A11	QA2060X
48-42740A11	NLA
48-73132A40	QA2064X
48-73134A40	QA2074X
48-73136A40	QA2078X
48-73138A40	QA2082X
48-73140A40	QA2084X
48-73144A40	NLA
48-77338A40	QA2030X
48-77338A45	QA2030X
48-77340A40	QA2032X
48-77340A45	QA2032X
48-77342A40	QA2034X
48-77342A45	QA2034X
48-77344A40	QA2036X
48-77344A45	QA2036X
48-77346A40	QA2038X
48-77346A45	QA2038X
48-77348A40	QA2040X
48-77348A45	QA2040X
48-77350A40	QA2042X
48-77350A45	QA2042X
48-816702A40	QA2072X
48-816704A40	QA2076X
48-816706A40	QA2080X
48-827312A11	NLA
48-828148A12	
48-828150A12	NLA
48-828152A12	QA2124R
48-828154A12	QA2126R
48-828156A12	QA2128R
48-828158A12	QA2130R
48-854340A45	QA2026X
48-854342A45	QA2028X
48-855856A5	
48-855858A5	QS5166X
48-855860A5	QS5168X
48-855862A5	QS5170X
48-85632A40	QA2070X
48-87818A11	QA2062X

HONDA PROPELLER CROSS REFERENCE

Honda Prop Cross Reference

OEM	QUICKSILVER
08M60-ZW7-A00	QS5116X
08M60-ZW7-A10	QS5118X
58110-ZV5-E00	QS5170X
58110-ZV5-E10	QS5168X
58110-ZV5-E20	QS5166X
58110-ZV5-E30	
58120-ZW1-V01	QS5118X
58130-ZV4-008AH	NLA
58130-ZV4-009AH	QA3906R
58130-ZV4-010AH	QA3914R
58130-ZV4-030ZA	QA3914R
58130-ZV4-701ZA	QA3906R
58130-ZV5-000ZA	QA2074X
58130-ZV5-009AH	QA2062X
58130-ZV5-011AH	NLA
58130-ZV5-012AH	QA2072X
58130-ZV5-012AH	QA2078X
58130-ZV5-013AH	QA2076X
58130-ZV5-013AH	QA2082X

OEM	QUICKSILVER
58130-ZV5-014AH	QA2080X
58130-ZV5-015AH	QA2084X
58130-ZV5-015AH	NLA
58130-ZV5-850ZA	QA2070X
58130-ZV5-860ZA	NLA
58130-ZV5-870ZA	QA2084X
58130-ZW1-V11	
58130-ZW1-V31	
58130-ZW1-W01ZA	QA2030X
58130-ZW1-W11ZA	QA2032X
58130-ZW1-W21ZA	QA2034X
58130-ZW1-W31ZA	QA2036X
58130-ZW1-W41ZA	QA2040X
58130-ZW1-W51ZA	QA2042X
58130-ZW1-W61ZA	QA2038X
58130-ZW1-W91	QS5116X
58133-ZV7-012AH	
58133-ZV7-013AH	QS5166X
58133-ZW1-A13AH	QS5114X
58133-ZW1-A15AH	QS5116X
58133-ZW1-A17AH	QS5118X

MERCURY/MARINER/MERCRUISER PROP CROSS REFERENCE

Mercury/Mariner/MerCruiser Prop Cross Reference

OEM	QUICKSILVER
8M0055547	48-8M0055559
8M0055548	48-8M0055560
8M0055549	48-8M0055561
8M0055550	48-8M0055562
8M0055551	48-8M0055563
8M0084491	48-8M0055531
8M0084493	48-8M0055533
8M0084494	48-8M0055534
8M0084495	48-8M0055535
8M0084496	48-8M0055536
8M0084497	48-8M0055537
8M0070079	48-8M0103516
8M0070074	48-8M0103517
48-898988A46	48-8M0103518
48-898990A46	48-8M0103519
48-898992A46	48-8M0103520
48-898994A46	48-8M0103521
48-898996A46	48-8M0103522
48-898998A46	48-8M0103523
48-899900A46	48-8M0103524
48-899902A46	48-8M0103525
48-857024A46	48-8M0103526
48-857025A46	48-8M0103527
48-857026A46	48-8M0103528
48-857027A46	48-8M0103529
48-857028A46	48-8M0103530
48-857029A46	48-8M0103531
48-857030A46	48-8M0103532
48-857031A46	48-8M0103533

OEM	QUICKSILVER
48-11324A40	QA2014X
48-11324A45	QA2014X
48-13700A41	QS5006X
48-13700A45	QS5006X
48-13700A46	QS5006X
48-13701A41	QS5007X
48-13701A45	QS5007X
48-13701A46	QS5007X
48-13702A41	QS5008X
48-13702A45	QS5008X
48-13702A46	QS5008X
48-13703A41	
48-13703A45	
48-13703A46	
48-13704A41	NLA
48-13704A45	NLA
48-13704A46	NLA
48-13705A41	
48-13705A45	
48-13705A46	
48-16312A4	QS5050X
48-16312A45	QS5050X
48-16312A46	QS5050X
48-16314A4	QS5052X
48-16314A45	QS5052X
48-16314A46	QS5052X
48-16315A4	
48-16315A45	
48-16315A46	
48-16316A4	QS5054X
48-16316A45	QS5054X
48-16316A46	QS5054X
48-16317A4	
48-16317A45	
4/-16317A46	
48-16318A4	QS5056X
48-16318A45	QS5056X
48-16318A46	QS5056X
48-16319A4	
48-16319A45	
48-16319A46	
48-16320A4	QS5058X
48-16320A45	QS5058X
48-16320A46	QS5058X
48-16321A4	
48-16321A45	
48-16321A46	
48-16322A4	
48-16322A45	
48-16436A40	
48-16436A45	
48-16438A40	QA2006X
48-16438A45	QA2006X
48-16440A40	QA2010X
48-16440A45	QA2010X
48-16543A41	

OEM	QUICKSILVER
48-16543A45	
48-16543A46	
48-16544A41	
48-16544A45	
48-16544A46	
48-16545A41	
48-16545A45	
48-16545A46	
48-16546A41	
48-16546A45	
48-16546A46	
48-16547A41	
48-16547A45	
48-16547A46	
48-16548A41	
48-16548A45	
48-16548A46	
48-16549A41	NLA
48-16549A45	NLA
48-16549A46	NLA
48-16550A46	
48-16986A45	QS5116X
48-16986A46	QS5116X
48-16988A45	QS5118X
48-16988A46	QS5118X
48-16990A45	
48-16990A46	
48-16992A45	
48-16992A46	
48-16994A45	
48-16994A46	
48-16996A45	
48-16996A46	
48-17314A45	QS5114X
48-17314A46	QS5114X
48-18278A41	QS5004X
48-18278A45	QS5004X
48-18278A46	QS5004X
48-19638A40	NLA
48-19640A40	QA2106R
48-19642A40	NLA
48-19644A5	
48-32390A3	QA2032X
48-32390A4	QA2034X
48-35936A3	QA2030X
48-36020A4	QA2004X
48-42738A11	QA2060X
48-42740A11	NLA
48-58826A3	QA2030X
48-61812A1	QA2064X
48-61814A1	QA2064X
48-61816A1	QA2078X
48-61818A1	QA2078X
48-61820A1	QA2082X
48-61822A1	QA2084X
48-61824A1	QA2084X

OEM	QUICKSILVER
48-65022A1	QA2034X
48-65022A4	QA2036X
48-65024A1	QA2036X
48-65024A4	QA2038X
48-67280A1	QA2038X
48-67280A4	QA2040X
48-73132A40	QA2064X
48-73134A40	QA2074X
48-73136A40	QA2078X
48-73138A40	QA2082X
48-73140A40	QA2084X
48-73144A40	NLA
48-77338A40	QA2030X
48-77338A45	QA2030X
48-77340A40	QA2032X
48-77340A45	QA2032X
48-77342A40	QA2034X
48-77342A45	QA2034X
48-77344A40	QA2036X
48-77344A45	QA2036X
48-77346A40	QA2038X
48-77346A45	QA2038X
48-77348A40	QA2040X
48-77348A45	QA2040X
48-77350A40	QA2042X
48-77350A45	QA2042X
48-78112A4	QA2000X
48-78112A40	QA2000X
48-78112A45	QA2000X
48-78114A4	QA2004X
48-78114A40	QA2004X
48-78114A45	QA2004X
48-78116A4	QA2008X
48-78116A40	QA2008X
48-78116A45	QA2008X
48-78118A4	QA1912X
48-78118A40	QA1912X
48-78118A45	QA1912X
48-78120A4	QA1916X
48-78120A40	QA1916X
48-48120A45	QA1916X
48-78122A4	QA1918X
48-78122A45	QA1918X
48-78124A4	QA1920X
48-78124A40	QA1920X
48-78124A45	QA1920X
48-78126A4	NLA
48-78126A40	NLA
48-78126A45	NLA
48-79570A4	QA2006X
48-79572A4	QA2010X
48-79574A4	QA2014X
48-79576A4	QA1918X
48-79578A4	QA1920X
48-81649M	QA3808R
48-816702A40	QA2072X

OEM - QUICKSILVER PROPELLER CROSS REFERENCE

OEM	QUICKSILVER
48-816704A40	QA2076X
48-816706A40	QA2080X
48-827312A11	NLA
48-82764	QA3178R
48-828148A12	
48-828150A12	NLA
48-828152A12	QA2124R
48-828154A12	QA2126R
48-828156A12	QA2128R
48-828158A12	QA2130R
48-82826M	
48-832828A45	QA1912X
48-832830A45	QA1916X
48-832832A45	QA1918X
48-832834A45	QA1920X
48-834850A45	
48-834851A45	
48-834852A45	
48-834853A45	
48-834854A45	
48-834855A45	
48-84976M	QA3810R
48-854340A45	QA2026X
48-854342A45	QA2028X
48-855856A5	
48-855858A5	QS5166X
48-855860A5	QS5168X
48-855862A5	QS5170X
48-85632A40	QA2070X
48-87818A11	QA2062X
48-90159A41	QS5005X
48-90159A45	QS5005X
48-90159A46	QS5005X
48-96623M	QA3152R
48-96625M	QA3150R

SUZUKI PROPELLER CROSS REFERENCE

Suzuki Prop Cross Reference

OEM	QUICKSILVER
58100-93733-019	
58100-93743-019	NLA
58100-93773-09	
58100-94313-019	QA2078X
58100-95222-019	NLA
58100-95353-019	NLA
58100-95363-019	
58100-95382-019	NLA
58100-95500-019	QA2208X
58100-95511-019	QA2206X
58100-95521-019	NLA
58100-95530-019	NLA
58100-96370-019	NLA
58100-96420-019	
58100-96430-019	NLA
58100-96440-019	NLA
58100-96480-019	NLA
58100-96490-019	NLA
99105-00100-16P	
99105-00100-18P	
99105-00100-22P	
99105-00101-20P	
99105-00101-24P	NLA
99105-00200-16P	QS5050X
99105-00200-18P	QS5052X
99105-00200-20P	
99105-00200-22P	
99105-00200-24P	
99105-00200-26P	
99105-00203-23P	NLA
99105-0020L-18P	
99105-0020L-20P	
99105-0020L-22P	
99105-0020L-24P	
99105-0020L-26P	NLA
99105-00301-24P	NLA

TOHATSU/NISSAN PROPELLER CROSS REFERENCE

Tohatsu/Nissan Prop Cross Reference

OEM	QUICKSILVER
35364-1040M	
35364-1050M	
35364-1060M	
35364-1090M	
3B764-5230M	QA2026X
3B764-5270M	QA2030X
3B764-5320M	QA2032X
3B764-5360M	QA2034X
3B764-5410M	QA2036X
3B764-5451M	QA2038X
3B764-5490M	QA2040X

VOLVO PROPELLER CROSS REFERENCE

Volvo Prop Cross Reference

OEM	QUICKSILVER
3858026	QS5052X
3858029	
3858030	
3858031	
3850298-5	QA2004X
3850299-3	QA2008X
3850300-9	QA1912X
3850301-7	QA1916X
3850302-5	QA1918X
3850303-5	QA1920X
3850305-8	QS5050X

OEM	QUICKSILVER
3850307-7	QS5052X
3850308-2	QS5054X
3850309-0	QS5056X
3850310-8	QS5058X
3850311-6	QS5052X
3850312-4	QS5054X
3850313-2	QS5056X
3850314-0	QS5058X
3850316-5	
3850317-3	
3850318-1	
3850319-9	
3850320-7	
3850321-5	
3850322-3	
3850323-1	
3855142-0	
3855144-6	
3855146-1	
3855152-9	
3855154-5	
3855156-0	NLA
3858027-0	QS5054X
3858028-8	QS5056X
814612-8	NLA
814616-9	NLA
814627-6	NLA
814628-4	NLA
814629-2	NLA
814633-4	NLA
814634-2	NLA
851139-6	
854979-2	
854982-6	
854983-4	
854993-3	NLA
854997-4	
854998-2	

YAMAHA PROPELLER CROSS REFERENCE

Yamaha Prop Cross Reference

OEM	QUICKSILVER
651-45947-00-36	QA3150R
653-45941-01-36	QA3152R
663-45930-00-98	QS5168X
663-45947-02-EL	QA2070X
663-45949-01-EL	NLA
663-45956-01-EL	QA2062X
663-45958-01-EL	QA2082X
663-45970-60-98	
663-45974-30-98	QS5168X
663-45974-60-98	QS5166X
663-45976-00-98	QS5170X
663-45976-30-98	QS5170X
664-45945-00-EL	QA3808R

OEM	QUICKSILVER
664-45947-01-EL	QA3810R
664-45949-02-EL	
664-45954-00-EL	
683-45943-00-EL	QA3914R
683-45945-00-EL	QA3906R
683-45947-00-EL	NLA
688-45930-02-98	QS5118X
688-45932-60-98	QS5114X
688-45970-03-98	
688-45972-02-98	
688-45974-02-98	
688-45976-01-98	
688-45978-60-98	QS5116X
6E5-45941-00-EL	QA2038X
6E5-45943-00-EL	QA2040X
6E5-45945-01-EL	QA2036X
6E5-45947-00-EL	QA2034X
6E5-45949-00-EL	QA2032X
6E5-45952-00-EL	QA2042X
6E5-45954-00-EL	QA2030X
6G5-45941-00-98	QA2008X
6G5-45943-01-98	QA1918X
6G5-45945-01-98	QA1916X
6G5-45947-01-98	QA1912X
6G5-45949-00-98	QA1920X
6G5-45952-00-98	QA2010X
6G5-45970-02-98	QS5050X
6G5-45972-02-98	QS5056X
6G5-45974-03-98	QS5054X
6G5-45976-01-98	QS5058X
6G5-45978-03-98	QS5052X
6H5-45943-00-EL	QA2078X
6H5-45945-00-EL	QA2070X
6H5-45952-00-EL	QA2064X
6H5-45958-00-EL	QA2074X
6K1-45972-01-98	
6K1-45974-02-98	
6K1-45976-00-98	
6K1-45978-02-98	
6R1-45970-A0-00	QS5007X
6R1-45972-A0-00	
6R1-45974-A0-00	
6R1-45978-A0-00	QS5005X
6R4-45970-A0-00	QS5006X
6R4-45972-A0-00	QS5008X
6R4-45974-A0-00	
6R4-45978-A0-00	QS5004X
MAR-GYT3B-L6-18	
MAR-GYT3B-L6-20	
MAR-GYT3B-L6-22	
MAR-GYT3B-V6-18	
MAR-GYT3B-V6-20	
MAR-GYT3B-V6-22	
MAR-GYT3B-V6-24	

HISTORICAL PROPELLER CHARTS

MERCURY ELECTRIC MOTORS

Thruster Gear Drive #577

Nut 79719 - NLA Pin 17-70733 Retainer 79719 - NLA

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION
18024A 4	10-1/2	6	PL BL	2	RH
18430A 4	10-1/2	6	PL CL	2	RH
72426	10-1/2	6	PL	2	RH
77970	10-1/2	6	PL	2	RH
85644	10-1/2	6	PL	2	RH
85646	10-1/2	6	PL	2	RH
87842A 2	10-1/2	6	PL	2	RH
87844A 2	10-1/2	6	PL	2	RH
N.L.A.	10	6	PL	2	RH

Thruster Direct Drive

Nut 79719 - NLA Washer 26-72462 Pin 17-70733

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION
17530A__	9	3.2	PL BL	2	RH
18530A__	9-1/4	3.2	PL CL	2	RH
N.L.A.	9-1/4	3-1/4	PL BL	2	RH
	9-1/4	3-1/4	PL CL	2	RH
18512A__	9-1/4	3-1/4	PL CL	2	RH

Thruster R33, RX33, T33, R45, FL45, RX45, T45

Nut 818911-2 Washer 23-35935 Pin 17-70733

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION
813728A 3	11	5	PL BL	2	RH
	11	5	PL CL	2	RH

Thruster (MotorGuide Built)

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION
824236T	9-1/2	2-5/8	PL CL	2	RH
48-MAF12406T	10	3-1/2	PL CL	2	RH

MERCURY OUTBOARD

Merc 2.5/3.3 A856377 and Up

Shear Pin 17-815111 (ALProp), 17-815111--1 (PL Prop) Cotter Pin 18-95295

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION
48-815083A01	7-3/8	6	PL	3	RH
48-815083A02	7-3/8	7	PL	3	RH
48-815084A01	7-3/8	7	AL	3	RH
48-815084A02	7-3/8	7	AL w/rubber hub	3	RH

Merc 3.5 & 3.6

Thrust Hub (Fwd) 70588 Thrust Hub (Rear) 93356 - NLA Nut 11-826709 11

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS
93357A__	8	7	PL	3		N.L.A.

MERC 39 & 60 (1967 and OLDER - 6 SPLINE HUB)

N.L.A. = 48-34398A 1
N.L.A. = 48-34398A 1Collar 23-33582 -N.L.A. Washer 12-30524 -N.L.A. Washer 12-20084 Nut 11-826709 11

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS
30382A 1	8	8	AL	2	RH	N.L.A.
31105A 1	7-7/8	8	AL	2	RH	N.L.A.
31214A 1	8-1/4	6	AL	2	RH	N.L.A.
45890A 1	8-7/8	5	AL	3	RH	N.L.A.
37320A 1	9	4	AL	2	RH	N.L.A.

Merc 39/60(1968 and UP-8 SPLINE HUB)-Merc 40(1CYL)

NLA = 48-47920A1, 48-47938A1
Thrust Hub 86665A1 Spacer 11-64075A1 Washer 12-27025 Nut 11-34933

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS
47940A 1	8-1/4	6	AL	2		N.L.A.
47944A 1	8-7/8	5	AL	3		N.L.A.

MERC 40 (2 CYL.)

S/N 5805430 and Below Thrust Hub (Fwd) 70588 - NLA Thrust Hub (Rear) 70589 Nut 11-826709 11
S/N 5805431 and Up Thrust Hub (Fwd) 70588 - NLA Thrust Hub (Rear) 93356 Nut 11-826709 11

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS
70453A 1	8	7	PL	3	LH	N.L.A.
86903A 1	8 (7.9)	6-3/8 (6.3)	PL	3	LH	N.L.A.

MERC 45 & 4.5

NLA = 48-65010A1, 48-65012A1
Collar 86665A1 Spacer 23-65439 Nut 11-89013 - NLA

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS
77716A 1	8-1/4	7	AL	2	RH	N.L.A.
77716A10	8-1/4	7	AL	2	RH	N.L.A.
63494A 1	8-1/4	6	AL	2	RH	N.L.A.
63494A10	8-1/4	6	AL	2	RH	N.L.A.
94118A 1	8-1/2	5	AL	3	RH	N.L.A.
94118A10	8-1/2	5	AL	3	RH	N.L.A.

MERC 4/5 A809601 and UP

Thrust Hub 16145Q01 Washer 12-16146 Nut 11-16147

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION
16143	8-3/8	8	AL	3	RH
16142	8-3/8	7	AL	3	RH
	8-3/8	6	AL	3	RH
16836A 1	8-3/8	6	AL - HIGH REVERSE	3	RH
48-812949A02	7-7/8	7	AL	3	RH
48-812950A02	7-7/8	8	AL	3	RH
48-812951A02	7-7/8	6	HIGH REVERSE	3	RH

MARK 6 & 6A

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS
23919A 1						N.L.A.
25774						N.L.A.

Mercury 75 (7.5HP) and 110 (9.8HP)

Mercury 75 (7.5HP) and 110(9.8) 1968-1984
8 Spline
1968 thru 1978 - Thrust Hub 86665A1 Spacer 11-64075A1 Nut 11-46335 Washer 12-27025
1972 thru 1978 - Nut 11-64075A1

Length	Current MPH	Propeller Size	Material	Blades	Style	Quicksilver P/N	OEM P/N
To 15'	Up to 20	9 X 9 RH	AL	2	Black Diamond		

MERC 110 (1967 and OLDER - 6 SPLINE HUB)

NLA = 48-34400A1, 37318A1
Collar 12-31980A2 Washer 12-30524 - NLA Washer 12-20084 Nut 11-826709__11

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS
31504A 1	9	10	AL	2	RH	N.L.A.
32364A 1	9	9	AL	2	RH	N.L.A.

MARK 10 & MERC 100

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS
26608A 1						N.L.A.

MERC 6/8/9.9/9.9 4-STROKE/15 A197112 and UP

Forward Thrust Hub - Design I Propeller Shaft (Full length spines on propeller shaft) 821932 Thrust Hub for New Propellers, 42037 Thrust Hub for Old Propellers; Design II Propeller Shaft (Half length splines on propeller shaft) 821932--1 Thrust Hub for N

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION
42522A__	9	9	AL	3	RH
42520A__	9-1/4	7	AL	3	RH
42524A__	9-3/4	6-1/2	AL - HIGH REVERSE	3	RH
42518A__	9-3/4	5-1/2	AL WORKBOAT	3	RH
17874A12	9	10-1/2	AL	3	RH

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION
48-828158A12	9	10-1/2	AL	3	RH
48-828156A12	9	9	AL	3	RH
48-828154A12	9	8	AL	3	RH
48-828152A12	9-1/4	7	AL	3	RH
48-828150A12	9-3/4	6-1/2	AL	3	RH
48-828150A12	9-3/4	5-1/2	AL	3	RH

MARK 15-20-25-30

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS
20325A 1						N.L.A.
23647A 1						N.L.A.
25518A 1						N.L.A.
25551A 1						N.L.A.
25662A 1						N.L.A.
25419A 2						N.L.A.

OLD MARK 15A & MERC 150 (15Hp)

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS OR SUPERSESSION
27787A 1						N.L.A.
28880A 1						N.L.A.

MERC 18 & 25 (Standard Propellers)

Thrust Hub 858498 Nut 11-88228

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION
43590A40	10-1/4	14-1/2C	AL	3	RH
89854A 4	10-1/4	14-1/2C	AL	3	RH
19642A40	10-3/8	14-1/2C	AL	3	RH
43586A40	10-3/8	13C	AL	3	RH
86848A 4	10-3/8	13C	AL	3	RH
19640A40	10-3/8	13C	AL	3	RH
43588A 5	10-3/8	13C	SS	3	RH
90780A 4	10-3/8	13C	SS	3	RH
19644A 5	10-3/8	13C	SS	3	RH
43584A40	10-3/8	11C	AL	3	RH
89852A 4	10-3/8	11C	AL	3	RH

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION
19638A40	10-3/8	11C	AL	3	RH
43582A10	10-3/8	9-1/2	AL	3	RH
89850A 1	10-3/8	9-1/2	AL	3	RH
19636A10	10-3/8	9-1/2	AL	3	RH

MERC 18 & 25 (Chopper Propellers)

Thrust Hub 858498 Nut 11-88228

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION
92764A 4	10-3/8	18C	SS	3	RH
92764A 5	10-3/8	18C	SS	3	RH
43592A61	10-3/8	18C	SS	3	RH

Mercury 200 (20HP)

MERC 200 (20Hp) 1963-1979
8 Tooth Spline
Thrust Hub 23-85964A1, Spacer 23-85964A1, Nut 11-64075A1

Length	Current MPH	Propeller Size	Material	Blades	Style	Quicksilver P/N	OEM P/N	Hub System
To 14'	18-22	9-7/8 X 11 RH	AL	2	Black Diamond	N.L.A.	N.L.A.	Rubber Bushing
14-16	up to 20	10 X 9 RH	AL	3	Black Diamond	N.L.A.	N.L.A.	Rubber Bushing

MARK 28/28A & MERC 200/250 AUTO. TRANS.

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS
28036A 1						N.L.A.
28037A 1						N.L.A.
28038A 1						N.L.A.

MARK 50 & 55 (14 SPLINE HUB)

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS
22105A 1						N.L.A.
22575A 1						N.L.A.
22636A 1						N.L.A.
22814A 1						N.L.A.
22914A 1						N.L.A.
23586A 1						N.L.A.
23587A 1						N.L.A.
26666A 1						N.L.A.
27028A 1						N.L.A.

MARK 35A/55/55A/58/58A & MERC 300/350/400/500

(11 SPLINE HUB, NON-THRU HUB EXHAUST)

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS
22105A 2						N.L.A.
22575A 2						N.L.A.
22636A 2						N.L.A.
22814A 2						N.L.A.
22914A 2						N.L.A.
23586A 2						N.L.A.
23587A 2						N.L.A.
25773A 2						N.L.A.
26666A 2						N.L.A.
27028A 2						N.L.A.
28765A 2						N.L.A.
29296A 2						N.L.A.
29958A 2						N.L.A.
29986A 2						N.L.A.

MERC 350/450/500/500SS

(11 SPLINE HUB, THRU HUB EXHAUST)
Thrust Hub 38859A1 Washer 12-32007 Nut 11-69578Q1

DIAMETER	MATERIAL	BLADES	Style	Quicksilver P/N	OEM P/N
10-3/4 X 10 RH	AL	3	Black Diamond	N.L.A.	N.L.A.

Merc 400/402/500/Merc 650/700 (3 Cyl)/Merc 35-70

Merc 35-70 (13 Spline Hub)
NLA = 48-56228A1, 48-56228A4, 48-56230A1, 48-56230A4, 48-56250A1, 48-56250A4, 48-63452A1, 48-63452A4, 48-64726A1, 48-64726A4 48-63538A4, 48-56232A4, 48-56252A4, 48-63454A4, 48-63540A4, 48-63546A1, 48-63460A1, 48-63548A1, 48-63

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS OR SUPERSESSION
73146A 4	10	19C	AL	3	RH	73146A40
73146A40	10	19C	AL	3	RH	AVAIL.
64724A 1 & A 2	10-3/4	17	AL	3	RH	73144A40
64724A 4	10-3/4	17C	AL	3	RH	73144A40
73144A 4	10	17C	AL	3	RH	73144A40
73144A40	10	17C	AL	3	RH	AVAIL.
61824A 1 & A 2	10-3/4	16	AL	3	RH	73140A40
61824A 4	10-3/4	16C	AL	3	RH	73144A40
63538A 1	10-3/4	16	BR	3	RH	73140A40
73142A 4	10	16C	AL	3	RH	73142A40
73142A40	10	16C	AL	3	RH	AVAIL.
73138A40	10	16C	AL	3	RH	91818A 5
91818A 4	10	16C	SS	3	RH	91818A 5
73138A40	10	16C	SS	3	RH	AVAIL.
91818A 5	10	16C	SS	3	RH	AVAIL.
73138A40	10	16C	SS	3	RH	AVAIL.
56232A 1	10-3/4	15	AL	3	RH	73136A40
73136A40	10-3/4	15	AL	3	RH	AVAIL.
56252A 1	10-3/4	15	BR	2	RH	73136A40
73136A40	10-3/4	15	BR	2	RH	AVAIL.
63454A 1	10-3/4	15	BR	2	RH	73136A40
73136A40	10-3/4	15	BR	2	RH	AVAIL.
63540A 1	11	15	BR	3	RH	73140A40
73140A 4	10-1/8	15	AL	3	RH	73140A40
73140A40	10-1/8	15C	AL	3	RH	AVAIL.
61822A 1	11	15	AL	3	RH	73140A40
61822A 4	11	15C	AL	3	RH	73140A40
76232A 4	10-1/8	15C	SS	3	RH	855862A 5
855862A 5	10-1/8	15C	SS	3	RH	AVAIL.
76232A5	10-1/8	15C	SS	3	RH	855862A 5
855862A 5	10-1/8	15C	SS	3	RH	AVAIL.
61820A 1 &A 2	11-1/4	14	AL	3	RH	73138A40
61820A 4	11-1/4	14C	AL	3	RH	73138A40
63542A 1	11-1/4	14	BR	3	RH	73138A40
63542A 4	11-1/4	14C	BR	3	RH	73140A40
73138A 4	10-1/4	14C	AL	3	RH	73138A40
73138A40	10-1/4	14C	AL	3	RH	AVAIL.
76230A 4	10-1/4	14C	SS	3	RH	855860A 5
76230A 5	10-1/4	14C	SS	3	RH	855860A 5
56236A 1	10-3/4	13	AL	3	RH	73136A40
56236A 4	10-3/4	13C	AL	3	RH	73136A40
56234A 1	11	13	AL	2	RH	73136A40
56234A 4	11	13C	AL	2	RH	73136A40
56254A 1	11	13	BR	2	RH	73136A40
56254A 4	11	13C	BR	2	RH	73136A40
61818A 1 & A2	11-1/2	13	AL	3	RH	73136A40
61818A 4	11-1/2	13C	AL	3	RH	73136A40
63456A 1	11	13	BR	2	RH	73136A40
63456A 4	11	13C	BR	2	RH	73136A40
63544A 1	11-1/2	13	BR	3	RH	73136A40
63544A 4	11-1/2	13C	BR	3	RH	73136A40

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS OR SUPERSESSION
73136A40	10-3/8	13C	AL	3	RH	AVAIL.
73136A40	10-3/8	13C	AL	3	RH	AVAIL.
76228A 4	10-3/8	13C	SS	3	RH	855858A 5
76228A 5	10-3/8	13C	SS	3	RH	855858A 5
73134A40	10-3/8	13C	SS	3	RH	AVAIL.
56238A 1	11	12	AL	2	RH	73136A40
73134A40	11	12	AL	2	RH	AVAIL.
56238A 4	11	12C	AL	2	RH	73136A40
73134A40	11	12C	AL	2	RH	AVAIL.
56240A 1	10-3/4	12	AL	3	RH	73136A40
73134A40	10-3/4	12	AL	3	RH	AVAIL.
56240A 4	10-3/4	12C	AL	3	RH	73136A40
73134A40	10-3/4	12C	AL	3	RH	AVAIL.
56256A 1	11	12	BR	2	RH	73136A40
73134A40	11	12	BR	2	RH	AVAIL.
56256A 4	11	12C	BR	2	RH	73136A40
73134A40	11	12C	BR	2	RH	AVAIL.
61816A 1	11-3/4	12	AL	3	RH	73136A40
61816A 4	11-3/4	12C	AL	3	RH	73136A40
73134A40	11-3/4	12C	AL	3	RH	AVAIL.
63458A 1	11	12	BR	2	RH	73136A40
73136A40	11	12	BR	2	RH	AVAIL.
63458A 4	11	12C	BR	2	RH	73136A40
73136A40	11	12C	BR	2	RH	AVAIL.
63546A 4	11-3/4	12C	BR	3	RH	73136A40
73134A 4	10-5/8	12C	AL	3	RH	73134A40
73134A40	10-5/8	12C	AL	3	RH	AVAIL.
79792A 4	10-5/8	12C	SS	3	RH	855856A 5
79792A 5	10-5/8	12C	SS	3	RH	855856A 5
73132A40	10-5/8	12C	SS	3	RH	AVAIL.
56242A 1	11	11	AL	2	RH	NLA
56242A 4	11	11C	AL	2	RH	73136A40
73136A40	11	11C	AL	2	RH	AVAIL.
56244A 1	10-3/4	11	AL	3	RH	NLA
56244A 4	10-3/4	11C	AL	3	RH	73136A40
73136A40	10-3/4	11C	AL	3	RH	AVAIL.
56258A 1	11	11	BR	2	RH	NLA
56258A 4	11	11C	BR	2	RH	73136A40
73136A40	11	11C	BR	2	RH	AVAIL.
61814A 1 & A2	12	11	AL	3	RH	73132A40
61814A 4	12	11C	AL	3	RH	73132A40
63460A 4	11	11C	BR	2	RH	73136A40
73136A40	11	11C	BR	2	RH	AVAIL.
85632A 4	10-7/8	11C	AL	3	RH	85632A40
85632A40	10-7/8	11C	AL	3	RH	AVAIL.
42740A10	12	10-1/2C	AL	3	RH	42740A11
42740A11	12	10-1/2C	AL	3	RH	AVAIL.
61812A 1	12-1/4	10	AL	3	RH	73132A40
61812A 4	12-1/4	10C	AL	3	RH	73132A40
73132A 4	11-1/4	10C	AL	3	RH	73132A40
73132A40	11-1/4	10C	AL	3	RH	AVAIL.
62274A 1 & A2	12-1/4	9	AL	3	RH	73132A40
62274A 4	12-1/4	9C	AL	3	RH	73132A40
87818A 1	12-1/4	9	AL	3	RH	87818A11
87818A10	12-1/4	9C	AL	3	RH	87818A11
97868A 1	12-1/4	9	SS	3	RH	97868A10

PART NO.	DIAMETER	PITCH	MATERIAL	BLADES	ROTATION	STATUS OR SUPERSESSION
97868A 5	12-1/4	9	SS	3	RH	97868A10
42738A10	12-1/2	8C	AL	3	RH	42738A11

Merc 700/800 Direct Reversing-RH Rotation

Includes Merc 650 (4 Cyl.) Thru 1500/Mercury 75/90 (3 Cyl.), 100/115 (4 Cyl.) and Inline 6 Cyl.
NLA = 48-49624A4, 48-49628A4, 48-49622A4, 48-49626A4, 48-46162A4, 48-49620A4, 48-46160A4, 48-49618A4, 48-46158A4, 48-49616A4
48-59138A4, 48-30870A1, 48-31448

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
52012A3	13	25	AL	3	RH	77350A45
52012A4	13	25C	AL	3	RH	16996A36
72758A4	12-5/8	25C	SS	3	RH	16996A36
72758A5	12-5/8	25C	SS	3	RH	16996A36
31082A1	13-3/4	23	AL	2	RH	77344A45
77344A45	13-3/4	23	AL	2	RH	AVAIL.
32386A3	13-3/4	23	AL	2	RH	77348A45
32386A4	13-3/4	23C	AL	2	RH	77350A45
52008A3	13	23	AL	3	RH	77348A45
52008A4	13	23C	AL	3	RH	77350A45
65736A1	13	23	AL	3	RH	77348A45
65736A4	13	23C	AL	3	RH	77350A45
66140A1	13	23	SS	3	RH	16994A36
66140A4	13	23C	SS	3	RH	16994A36
72760A4	12-3/4	23C	SS	3	RH	16994A36
72760A5	12-3/4	23C	SS	3	RH	16994A36
77350A4	12-1/2	23C	AL	3	RH	77350A45
77350A40	12-1/2	23C	AL	3	RH	77350A45
31454A3	13-3/4	21	AL	2	RH	77346A45
31454A4	13-3/4	21C	AL	2	RH	77348A45
32746A3	13	21	AL	3	RH	77346A45
32746A4	13	21C	AL	3	RH	77348A45
49632A3	13-3/4	21	AL	2	RH	77346A45
49632A4	13-3/4	21C	AL	2	RH	77348A45
53892A3	13-3/4	21	AL	3	RH	77346A45
53892A4	13-3/4	21C	AL	3	RH	77348A45
63744A1	13-1/4	21	SS	3	RH	16992A36
63744A4	13-1/4	21C	SS	3	RH	16992A36
67280A1	13	21	AL	3	RH	77346A45
67280A4	13	21C	AL	3	RH	77348A45
72500A4	13	21C	SS	3	RH	16992A36
72500A5	13	21C	SS	3	RH	16992A36
77348A4	12-3/4	21C	AL	3	RH	77348A45
77348A40	12-3/4	21C	AL	3	RH	77348A45
30388A1	13-1/4	19	BR	2	RH	NLA
31080A1	13-1/4	19	BR	2	RH	NLA
31456A3	13-3/4	19	BR	2	RH	NLA
31456A4	13-3/4	19C	BR	2	RH	77346A45
32388A3	13-3/4	19	AL	3	RH	NLA
32388A4	13-3/4	19C	AL	3	RH	77346A45
32748A3	13	19	BR	3	RH	NLA
32748A4	13	19C	BR	3	RH	77346A45
32750A3	13	19	AL	3	RH	NLA
32750A4	13	19C	AL	3	RH	77346A45
53896A3	13-3/4	19	AL	3	RH	77344A45
53896A4	13-3/4	19C	AL	3	RH	77346A45
65024A1	13-3/4	19	AL	3	RH	77344A45

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
65024A4	13-3/4	19C	AL	3	RH	77346A45
65588A1	13	19	AL	3	RH	NLA
65588A4	13	19C	AL	3	RH	77346A45
66138A1	13-1/2	19	SS	3	RH	16990A36
66138A4	13-1/2	19C	SS	3	RH	16990A36
72762A4	13-1/4	19C	SS	3	RH	16990A36
72762A5	13-1/4	19C	SS	3	RH	16990A36
77346A4	13	19C	AL	3	RH	77346A45
77346A40	13	19C	AL	3	RH	77346A45
16988A5	13	18C	SS	3	RH	16988A36
29658A1/A2/A3	13	17	BR	2	RH	77344A45
77344A45	13	17	BR	2	RH	AVAIL.
29658A4	13	17C	BR	2	RH	NLA
30390A1	13-3/4	17	BR	3	RH	77344A45
77344A45	13-3/4	17	BR	3	RH	AVAIL.
31072A2 & A3	13	17	AL	2	RH	77344A45
77344A45	13	17	AL	2	RH	AVAIL.
31072A4	13	17C	AL	2	RH	NLA
31458A3	13	17	BR	3	RH	77344A45
77344A45	13	17	BR	3	RH	AVAIL.
31458A4	13	17C	BR	3	RH	77344A45
32264A3	13	17	AL	3	RH	77344A45
77344A45	13	17	AL	3	RH	AVAIL.
32264A4	13	17C	AL	3	RH	77344A45
37902A2	12	17	AL	3	RH	77344A45
37902A3	12	17	AL	3	RH	77344A45
37902A4	12	17C	AL	3	RH	NLA
53900A3	14	17	AL	3	RH	77342A45
53900A4	14	17C	AL	3	RH	77344A45
65022A1	14	17	AL	3	RH	77342A45
65022A4	14	17C	AL	3	RH	77344A45
854360A45	14	17C	AL	3	RH	AVAIL.
65748A1	13	17	AL	3	RH	77344A45
77344A45	13	17	AL	3	RH	AVAIL.
65748A4	13	17C	AL	3	RH	77344A45
72764A4	13-1/2	17C	SS	3	RH	16988A36
72764A5	13-1/2	17C	SS	3	RH	16988A36
77344A4	13-1/4	17C	AL	3	RH	77344A45
77344A40	13-1/4	17C	AL	3	RH	77344A45
16986A5	13-1/8	16C	SS	3	RH	16986A36
29660A1	13	15	BR	2	RH	77344A45
29660A4	13	15C	BR	2	RH	77344A45
31074A2 & A3	13	15	AL	2	RH	77344A45
31074A4	13	15C	AL	2	RH	77344A45
32390A3	14	15	AL	3	RH	77340A45
32390A4	14	15C	AL	3	RH	77342A45
37900A2	12-1/2	15	AL	3	RH	77344A45
37900A3	12-1/2	15	AL	3	RH	77344A45
37900A4	12-1/2	15C	AL	3	RH	77344A45
77342A4	13-3/4	15C	AL	3	RH	77342A45
77342A40	13-3/4	15C	AL	3	RH	77342A45
87444A4	13-3/4	15C	SS	3	RH	17314A36
87444A5	13-3/4	15C	SS	3	RH	17314A36
17314A5	13-3/8	14C	SS	3	RH	17314A36
29662A4	13-1/2	13C	BR	2	RH	77344A45
31076A4	13-1/2	13C	AL	2	RH	77344A45

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
32392A3	13-1/2	13	AL	3	RH	77338A45
32392A4	13-1/2	13C	AL	3	RH	77340A45
37898A4	13	13C	AL	3	RH	77344A45
58826A3	14	13	AL	3	RH	77338A45
58826A4	14	13C	AL	3	RH	77340A45
77340A4	14	13C	AL	3	RH	77340A45
77340A40	14	13C	AL	3	RH	77340A45
17312A5	14	12C	SS	3	RH	17312A36
12606A5	14	12C	SS	3	RH	17312A36
30396A1 & A3	14	11	AL	3	RH	77338A45
30396A4	14	11C	AL	3	RH	77340A45
35936A3	14	11	AL	3	RH	77338A45
35936A4	14	11C	AL	3	RH	77340A45
77338A4	14	11	AL	3	RH	77338A45
77338A40	14	11C	AL	3	RH	77338A45
17310A5	14	10C	SS	3	RH	17310A36
12604A5	14	10C	SS	3	RH	17310A36

Mercury V-6 Models (W/Large Gearcase 4-3/4 Inch)

Standard Propeller
1976 and 1977 - Thrust Hub - 72894 - NLA Washer 12-31211A3 Tab Washer 14-816629 Nut 11-52707Q1
1978 and Up - Thrust Hub - 12-835467 1 Washer 12-31211A3 Tab Washer 14-816629 Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
73514A4	13-3/8	25C	AL	3	RH	78126A45
78126A4	13-3/8	25C	AL	3	RH	78126A45
78126A40	13-3/8	25C	AL	3	RH	78126A45
79796A4	13-3/8	25C	SS	3	RH	16550A46
16550A46	13-3/8	25C	SS	3	RH	Avail.
79796A5	13-3/8	25C	SS	3	RH	16550A46
16550A46	13-3/8	25C	SS	3	RH	Avail.
75724A4	13-1/2	23C	SS	3	RH	16320A46
75724A5	13-1/2	23C	SS	3	RH	16320A46
16322A4	13-3/8	25C	SS	3	RH	16550A46
16550A46	13-3/8	25C	SS	3	RH	Avail.
16322A5	13-3/8	25C	SS	3	RH	16550A46
16550A46	13-3/8	25C	SS	3	RH	Avail.
16321A5	13-1/2	23C	SS	3	LH	16321A46
16320A4	13-1/2	23C	SS	3	RH	16320A46
16320A5	13-1/2	23C	SS	3	RH	16320A46
73512A4	13-1/2	23C	AL	3	RH	832834A45
78124A4	13-1/2	23C	AL	3	RH	832834A45
78124A40	13-1/2	23C	AL	3	RH	832834A45
88442A4	13-3/4	21C	SS	3	RH	16318A46
74268A4	13-3/4	21C	SS	3	RH	16318A46
73510A4	13-3/4	21C	AL	3	RH	832832A45
73982A4	13-3/4	21C	SS	3	RH	16318A46
73982A5	13-3/4	21C	SS	3	RH	16318A46
16319A5	13-3/4	21C	SS	3	LH	16319A46
16318A5	13-3/4	21C	SS	3	RH	16318A46
16318A4	13-3/4	21C	SS	3	RH	16318A46
78122A4	13-3/4	21C	AL	3	RH	832832A45
78122A40	13-3/4	21C	AL	3	RH	832832A45
73508A4	14-1/4	19C	AL	3	RH	832830A45
73980A4	14	19C	SS	3	RH	16316A46
73980A5	14	19C	SS	3	RH	16317A46
16317A5	14	19C	SS	3	LH	16317A46

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
16316A5	14	19C	SS	3	RH	16316A46
78120A4	14	19C	AL	3	RH	832830A45
78120A40	14	19C	AL	3	RH	832830A45
73506A4	14-3/4	17C	AL	3	RH	832828A45
78118A4	14-1/2	17C	AL	3	RH	832828A45
78118A40	14-1/2	17C	AL	3	RH	832828A45
79794A4	14-1/2	17C	SS	3	RH	16314A46
79794A5	14-1/2	17C	SS	3	RH	16314A46
16315A5	14-1/2	17C	SS	3	LH	16315A46
16314A5	14-1/2	17C	SS	3	RH	16314A46
16312A5	14-1/2	15C	SS	3	RH	16312A46
73504A4	15-1/4	15C	AL	3	RH	78116A45
78116A4	16	15C	AL	3	RH	78116A45
78116A40	16	15C	AL	3	RH	78116A45
93272A4	14-1/2	15C	SS	3	RH	16312A46
93272A40	14-1/2	15C	SS	3	RH	NLA
73502A4	16	13C	AL	3	RH	78114A45
78114A4	16	13C	AL	3	RH	78114A45
78114A40	16	13C	AL	3	RH	78114A45
73500A4	16	11C	AL	3	RH	78112A45
78112A4	16	11C	AL	3	RH	78112A45
78112A40	16	11C	AL	3	RH	78112A45
16316A4	14	19	SS	3	RH	16316A46
16315A4	14-1/2	17	SS	3	LH	16315A46
16314A4	14-1/2	17	SS	3	RH	16314A46
16312A4	14-1/2	15	SS	3	RH	16312A46

Mercury V-6 Models-Chopper (Gearcase 4-3/4 Inch)

Thrust Hub - 13191A1 Tab Washer 14-816629 Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
98246A4	14-1/4	30C	SS	3	RH	NLA
98246A5	14-1/4	30C	SS	3	RH	NLA
89860A4	14-1/2	28C	SS	3	RH	13372A62
89860A5	14-1/2	28C	SS	3	RH	13372A62
13373A5	14-1/2	28C	SS	3	LH	13373A62
13372A5	14-1/2	28C	SS	3	RH	13372A62
98245A1	14-1/2	28	SS	3	LH	13373A62
89858A4	14-1/2	26C	SS	3	RH	13370A62
93593A1	14-1/2	26	SS	3	LH	13371A62
13371A5	14-1/2	26C	SS	3	LH	13371A62
13370A5	14-1/2	26C	SS	3	RH	13370A62
89858A5	14-1/2	26C	SS	3	RH	13370A62
77320A4	14-1/2	24C	SS	3	RH	13368A62
93591A1	14-1/2	24C	SS	3	LH	13369A62
77320A5	14-1/2	24C	SS	3	RH	13368A62
13369A5	14-1/2	24C	SS	3	LH	13369A62
13368A5	14-1/2	24C	SS	3	RH	13368A62
89856A4	14-1/2	22C	SS	3	RH	13366A62
89856A5	14-1/2	22C	SS	3	RH	13366A62
13366A5	14-1/2	22C	SS	3	RH	13366A62

Mercury V-6 Models-Trophy (Gearcase 4-3/4 Inch)

Large Hub
Thrust Hub - 12-835467 1 Tab Washer 14-816629 Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
825904A41	14	21	SS	4	RH	825902A46
825908A40	14	23	SS	4	RH	825906A46
825910A40	14	24	SS	4	RH	825910A46
825912A40	14	25	SS	4	RH	825912A46
825914A40	14	26	SS	4	RH	NLA
825908A41	14	23	SS	4	RH	825906A46
825910A41	14	24	SS	4	RH	825910A46
825912A41	14	25	SS	4	RH	NLA
825914A41	14	26	SS	4	RH	NLA

MARINER ELECTRIC MOTOR

Mariner-Trolling Motor

Nut 79719 - NLA Pin 17-70733 Retainer 79719 - NLA

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
18024A__	10-1/2	6	PL BL	2	RH	18024A5
18430A__	10-1/2	6	PL CL	2	RH	18024A5
87842A2	10-1/2	6	PL	2	RH	18024A5
18024A5	10	6	PL	2	RH	AVAIL.

Mariner-Thruster Direct Drive

Trolling Motor
Nut 79719 - NLA Washer 26-72462 Pin 17-70733

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
17530A__	9	3.2	PL BL	2	RH	18022A5
18530A__	9-1/4	3.2	PL CL	2	RH	18022A5
18022A__	9-1/4	3-1/4	PL BL	2	RH	18022A5
18428A5	9-1/4	3-1/4	PL CL	2	RH	AVAIL.
18512A__	9-1/4	3-1/4	PL CL	2	RH	18428A5
18022A5	9-1/4	3	PL BL	2	RH	AVAIL.

Mariner-R33, RX33, T33, R45, RL45, RX45, T45

Trolling Motor
Nut 818911--2 Washer 23-35935 Pin 17-70733

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
813728A__	11	5	PL BL	2	RH	
813730A__	11	5	PL CL	2	RH	

Mariner-Thruster (MotorGuide)(Machete)

Trolling Motor

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
824236T	9-1/2	2-5/8	PL CL	2	RH	AVAIL.
801889	10	3-1/2	PL CL	2	RH	MAF12406

Mariner V-6 Models (W/Large Gearcase 4-3/4 Inch)

Thrust Hub 12-835467Q01 Tab Washer 15-816629Q Washer 12-31211A3 Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
78126A4	13-3/8	25C	AL	3	RH	N.L.A.
78126A40	13-3/8	25C	AL	3	RH	N.L.A.
79796A 4	13-3/8	25C	SS	3	RH	NLA
79796A 5	13-3/8	25C	SS	3	RH	NLA
16322A 5	13-3/8	25C	SS	3	RH	NLA
75724A 4	13-1/2	23C	SS	3	RH	
16321A 5	13-1/2	23C	AL	3	LH	
16320A 5	13-1/2	23C	AL	3	RH	
78124A 4	13-1/2	23C	AL	3	RH	48-832834A45
78124A40	13-1/2	23C	AL	3	RH	48-832834A45
73982A 4	13-3/4	21C	SS	3	RH	48- 16318A46
73982A 5	13-3/4	21C	SS	3	RH	48- 16318A46
16319A 5	13-3/4	21C	SS	3	LH	48- 16318A46
16318A 5	13-3/4	21C	SS	3	RH	48- 16318A46
78122A 4	13-3/4	21C	SS	3	RH	48-832832A45
78122A40	13-3/4	21C	SS	3	RH	48-832832A45
73980A 4	14	19C	SS	3	RH	48- 16316A46
73980A 5	14	19C	SS	3	RH	48- 16316A46
16317A 5	14	19C	SS	3	LH	48- 16317A46
16316A 5	14	19C	SS	3	RH	48- 16316A46
78118A 4	14-1/2	17C	SS	3	RH	48-832828A45
78118A40	14-1/2	17C	SS	3	RH	48-832828A45
79794A 4	14-1/2	17C	SS	3	RH	48- 16314A46
79794A 5	14-1/2	17C	SS	3	RH	48- 16314A46
16315A 5	14-1/2	17C	SS	3	LH	48- 16315A46
16314A5	14-1/2	17C	SS	3	RH	48- 16315A46
78116A 4	16	15C	SS	3	RH	48- 78116A45
78116A40	16	15C	SS	3	RH	48- 78116A45
93272A 4	14-1/2	15C	SS	3	RH	48- 16312A46
93272A 5	14-1/2	15C	SS	3	RH	48- 16312A46
16312A 5	14-1/2	15C	SS	3	RH	48- 16312A46
16312A 4	14-1/2	15	SS	3	RH	48- 16312A46
78114A 4	16	13C	SS	3	RH	48- 78114A45
78114A40	16	13C	SS	3	RH	48- 78114A45
78112A 4	16	11C	SS	3	RH	48- 78112A45
78112A40	16	11C	SS	3	RH	48- 78112A45
16320A 4	13-3/8	25	SS	3	RH	
16321A 4	13-1/2	23	SS	3	LH	16321A46
16322A 4	13-3/8	25	SS	3	RH	16322A46
16312A 4	14-1/2	15	SS	3	RH	48- 16312A46
16315A 4	14-1/2	17	SS	3	LH	48- 16315A46
16316A 4	14	19	SS	3	RH	48- 16316A46
16317A 4	14	19	SS	3	LH	48- 16317A46
16318A 4	13-3/4	21	SS	3	RH	48- 16318A46

MARINER OUTBOARD

Mariner 2 (6A1)

Cotter Pin 18-82134M Drive Pin 17-81896M

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
80409M	7-1/4	5-1/2	AL	3	RH	NLA
43110M	7-1/4	5	AL	3	RH	NLA
80410M	7-1/4	4-1/2	AL	3	RH	AVAIL.
93032M	7-1/4	4	PL	3	RH	AVAIL.

Mariner 2.5/3.3 A856377 and Up

Cotter Pin 18-95295 Shear Pin 17-815111 (AL Prop), 17-815111--1 (PL Prop)

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
815083	7-3/8	6	PL	3	RH	AVAIL.
815084	7-3/8	6	AL	3	RH	AVAIL.
815084--1	7-3/8	6	AL	3	RH	AVAIL.

Mariner 3.5 (642)

NLA = 48-80176M, 48-80177M, 48-80304M
Nut 11-80103M Cotter Pin 18-82134M Thrust Hub 12-81855M - NLA Drive Pin 17-17554M

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
80178M	7-1/2	4	AL	3	RH	NLA
82861M	7-1/2	4	AL	3	RH	NLA

Mariner 4 (6E) & 5 (6E3)

NLA = 48-81016M
Nut 11-859931 Cotter Pin 18-82132M Drive Pin 17-17554M

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
96593M	7-1/4	8-1/4	AL	3	RH	NLA
96590M	7-1/2	8	AL	3	RH	AVAIL.
96592M	7-1/4	7-1/4	AL	3	RH	NLA
96591M	7-1/2	7	AL	3	RH	AVAIL.
81015M	7-1/4	6-1/2	AL	3	RH	NLA
82825M	7-1/4	5	AL	3	RH	NLA

Mariner 4/5 A855097 and Up

Thrust Hub 16145Q01 Washer 12-16146 Nut 11-16147

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
16143	8-3/8	8	AL	3	RH	812950
16142	8-3/8	7	AL	3	RH	812949
16144	8-3/8	6	AL	3	RH	AVAIL.
16836A1	8-3/8	6	AL High Reverse	3	RH	812951A1

Mariner 6 (647) & 8 (655 / 677)

Without Thru Hub Exhaust
NLA = 48-80546M, 48-82765
Nut 11-80545M Cotter Pin 18-82132M Drive Pin 17-81901M

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
80548M	9	9	AL	3	RH	NLA
82766	8-1/4	9	AL	3	RH	AVAIL.
82764	8-1/4	8	AL	3	RH	AVAIL.
80547M	9	7	AL	3	RH	AVAIL.
82763	8-1/4	6-1/2	AL	3	RH	NLA

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
8109M	9	6-1/4	AL	3	RH	NLA
94780M	9	5-3/4	AL	3	RH	NLA
94781M	9	5	AL	3	RH	NLA

Mariner 6 (6HB) & 8 (6G1)

With Thru Hub Exhaust
Nut 11-859933 Cotter Pin 18-815026 Thrust Hub (Fwd) 23-11654M Thrust Hub (Rear) 12-84275M

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
11672M	8	8	AL	3	RH	NLA
11673M	8	8	AL	3	RH	AVAIL.
11896M	9	9	AL	3	RH	NLA
11674M	8	8	AL	3	RH	NLA
11897M	9	9	AL	3	RH	NLA

Mariner 9.9C (682) & 15C (684)

Nut 11-859933 Cotter Pin 18-815026 Thrust Hub (Fwd) 23-859916 Thrust Hub (Rear) 12-84275M

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
84079M	9-1/4	12	AL	3	RH	N.L.A.
84080M	9-1/4	10-1/2	AL	3	RH	QA3914R
QA3914T	9-1/4	10-1/2	AL	3	RH	QA3914R
84407M	9-1/2	9-3/4	AL	3	RH	AVAIL.
84081M	9-1/4	9	AL	3	RH	QA3906R
84082M	9-1/4	8	AL	3	RH	N.L.A.
QA3902T	9-1/4	8	AL	3	RH	N.L.A.
94786M	9-3/4	8	AL	3	RH	AVAIL.
84083M	9-1/2	6.5	AL	3	RH	AVAIL.
94787M	9-3/4	6.5	AL	3	RH	AVAIL.

Mariner 6/8/9/15 A197112 and Up

Thrust Hub 42037 Design I, 821932 Design II Spacer 23-42091-1 Nut 11-40140

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
17874A12	9	10-1/2	AL	3	RH	48-828158A12
42522A__	9	9	AL	3	RH	48-828156A12
42520A10	9-1/4	7	AL	3	RH	48-828152A12
42524A__	9-3/4	6-1/2	AL High Reverse	3	RH	48-828150A12

Mariner 15 (6510 20 (653) 25 (648/694)

Without Thru Hub Exhaust
NLA = 48-80264M, 48-80681M, 48-80925M, 48-80926M, 48-80947M, 48-96629M
Nut 859946 Cotter Pin 18-82132M Drive Pin 17-81900M

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
82770	9-1/4	12	AL	3	RH	NLA
96622M	9-1/2	11-1/2	AL	3	RH	NLA
80955M	9-1/4	11-1/4	AL	3	RH	
96623M	9-1/4	11-1/4	AL	3	RH	AVAIL
82769	9-1/4	11	AL	3	RH	
80263M	9-1/4	10-3/4	AL	3	RH	N.L.A.
96624M	9-1/4	10-3/4	AL	3	RH	AVAIL
82768	9	10	AL	3	RH	QA3914R
96625M	9-1/4	10	AL	3	RH	AVAIL
80546M	9-1/4	9-1/4	AL	3	RH	NLA
80265M	9-1/4	9	AL	3	RH	N.L.A.
96626M	9-1/4	9	AL	3	RH	N.L.A.
80924M	9-1/4	8	AL	3	RH	NLA

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
96627M	9-1/4	8	AL	3	RH	NLA
82767	9-1/4	7	AL	3	RH	NLA
96628M	9-1/4	7	AL	3	RH	NLA
96630M	9-1/4	5	AL	3	RH	NLA

Mariner 20 (6A9), 25 (690/695), 28 (664), 30 (689)

With Thru Hub Exhaust
NLA = 48-80262M
Nut 11-81774M Cotter Pin 18-82132M Thrust Hub (Fwd) 859917
20/25/30 - Thrust Hub (Rear) 859895 Spacer 85905
28 - Thrust Hub (Rear) 23-82796M (NLA) Spacer 23-81651M

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
84977M	9-7/8	14	AL	3	RH	AVAIL.
82827M	9-7/8	13	AL	3	RH	
QA3814T	9-7/8	13	AL	3	RH	
82826M	9-7/8	12	AL	3	RH	QA3810R
88168A4	9	12	SS	3	RH	NLA
84976M	9-7/8	11-1/4	AL	3	RH	QA3810R
81649M	9-7/8	10-1/2	AL	3	RH	QA3808R
81647M	9-7/8	9	AL	3	RH	AVAIL.
88166A4	10	9	SS	3	RH	NLA
81648M	9-7/8	8	AL	3	RH	AVAIL.

Mariner 20 & 25 S/N 6535603 and Above

Standard
Thrust Hub 858498 Hub 11-88228

Chopper
Thrust Hub 858498 Hub 11-88228

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
Standard						
4590A40	10-1/4	14-1/2C	AL	3	RH	
89854A 4	10-1/4	14-1/2C	AL	3	RH	
19642A40	10-3/8	14-1/2C	AL	3	RH	AVAIL.
43586A40	10-3/8	13C	AL	3	RH	48- 19640A40
86848A 4	10-3/8	13C	AL	3	RH	48- 19640A40
19640A40	10-3/8	13C	AL	3	RH	AVAIL.
43588A 5	10-3/8	13C	SS	3	RH	48- 19644A 5
90780A 4	10-3/8	13C	SS	3	RH	48- 19644A 5
19644A 5	10-3/8	13C	SS	3	RH	AVAIL.
43584A40	10-3/8	11C	AL	3	RH	48- 19638A40
89852A 4	10-3/8	11C	AL	3	RH	48- 19638A40
19638A40	10-3/8	11C	AL	3	RH	AVAIL.
43582A10	10-3/8	9-1/2	AL	3	RH	48- 19636A10
89850A 1	10-3/8	9-1/2	AL	3	RH	48- 19636A10
19636A10	10-3/8	9-1/2C	AL	3	RH	AVAIL.
Chopper						
92764A 4	10-3/8	18C	SS	3	RH	N.L.A.
92764A 5	10-3/8	18C	SS	3	RH	N.L.A.
43592A 5	10-3/8	18C	SS	3	RH	N.L.A.

Mariner 30 (689B)

Without Thru Hub Exhaust
Nut 11-97027M (NLA) Cotter Pin 18-95295 Drive Pin 18-97028M Thrust Hub (Rear) 12-83447M

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
96638M	9-1/2	12-3/8	AL	3	RH	NLA
96639M	9-1/2	11-1/2	AL	3	RH	NLA
96640M	9-1/4	11-1/4	AL	3	RH	NLA
96641M	9	10-3/4	AL	3	RH	NLA
96642M	9-1/4	9	AL	3	RH	NLA
96643M	9-1/4	8	AL	3	RH	NLA

Mariner 40 (676A)

Without Thru Hub Exhaust
Nut 11-14279M Drive Pin 17-83443M Cotter Pin 80652M

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
83311M	11-1/2	13-1/2	AL	3	RH	N.L.A.
96631M	11-1/2	13-1/2	AL	3	RH	AVAIL.
83729M	11-1/2	13	AL	3	RH	N.L.A.
96632M	11-1/2	13	AL	3	RH	AVAIL.
83535M	11-1/2	12	AL	3	RH	
96633M	11-1/2	12	AL	3	RH	AVAIL.
83541M	11-1/2	11	AL	3	RH	
96634M	11-1/2	11	AL	3	RH	AVAIL.
83552M	11-3/4	10	AL	3	RH	N.L.A.
96635M	11-3/4	10	AL	3	RH	AVAIL.
83573M	11-3/4	8-3/4	AL	3	RH	N.L.A.
96636M	11-3/4	8-3/4	AL	3	RH	AVAIL.
11904M	11-3/4	7-1/2	AL	3	RH	AVAIL.

Mariner 40-70

40 (676B) (6E9)/48 (670)/50/55 (663)/60 (675)
(6F0)/70 (3CYL.) (BELOW SERIAL #A996142)
With Thru Hub Exhaust
40/48/55/60 - Thrust Hub 73345A1 Cotter Pin 18-82132M Nut 11-859935
50 - Thrust Hub 73345A1 Washer 14-76281 Nut 11-69578Q

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
73146A4	10	19C	AL	3	RH	
73146A40	10	19C	AL	3	RH	AVAIL.
73144A 4	10	17C	AL	3	RH	48- 73144A45
73144A40	10	17C	AL	3	RH	AVAIL.
73142A 4	10	16C	AL	3	RH	48- 73142A45
73142A40	10	16C	AL	3	RH	AVAIL.
91818A 4	10	16C	SS	3	RH	N.L.A.
91818A 5	10	16C	SS	3	RH	AVAIL.
73140A 4	10-1/8	15C	AL	3	RH	48- 73140A45
73140A40	10-1/8	15C	AL	3	RH	AVAIL.
76232A 4	10-1/8	15C	SS	3	RH	48-855862A46
76232A 5	10-1/8	15C	SS	3	RH	48-855862A46
73138A 4	10-1/4	14C	AL	3	RH	48- 73138A45
73138A40	10-1/4	14C	AL	3	RH	AVAIL.
76230A 4	10-1/4	14C	SS	3	RH	48-855860A46
76230A 5	10-1/4	14C	SS	3	RH	48-855860A46
73136A 4	10-3/8	13C	AL	3	RH	48- 73136A45
73136A40	10-3/8	13C	AL	3	RH	AVAIL.
76228A 4	10-3/8	13C	SS	3	RH	48-855858A46
76228A 5	10-3/8	13C	SS	3	RH	48-855858A46
13295M	11-1/2	13	SS	3	RH	NLA

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
99957M	11-1/2	13	WORK	3	RH	Export Only
73134A 4	10-5/8	12C	AL	3	RH	48- 73134A45
73134A40	10-5/8	12C	AL	3	RH	AVAIL.
79792A 4	10-5/8	12C	SS	3	RH	48-855856A46
79792A 5	10-5/8	12	SS	3	RH	48-855856A46
855856A 5	12	12	SS	3	RH	AVAIL.
99956M	10-5/8	11	WORK	3	RH	Export Only
79792A 5	11-3/4	12C	SS	3	RH	48-855856A46
96536M	10-7/8	12	AL	3	RH	AVAIL.
85632A 4	10-7/8	11C	AL	3	RH	48- 85632A45
85632A40	12	11C	AL	3	RH	AVAIL.
42740A10	11-1/4	10-1/2C	AL	3	RH	48- 42740A45
73132A 4	11-1/4	10C	AL	3	RH	48- 73132A45
73132A40	12-1/4	10C	AL	3	RH	AVAIL.
87818A 1	12-1/4	9	AL	3	RH	48- 87818A45
87818A10	12-1/4	9	AL	3	RH	48- 87818A45
97868A 1	12-1/4	9	SS	3	RH	
97868A 5	12-1/4	9	SS	3	RH	
97868A10	12-1/4	9	SS	3	RH	AVAIL.
87818A10	12-1/4	9	AL Workboat	3	RH	48- 87818A45

Mariner 70-140 I/L / 75/90 (3 Cyl)/100/114 (4 Cyl)

Standard Propeller
Thrust Hub 13191Q01 Tab Washer 14-816629Q Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
72758A 4	12-5/8	25C	SS	3	RH	
72758A 5	12-5/8	25C	SS	3	RH	
72760A 4	12-3/4	23C	SS	3	RH	
72760A 5	12-3/4	23C	SS	3	RH	
77350A 4	12-1/2	23C	AL	3	RH	48- 77350A45
77350A40	12-1/2	23C	AL	3	RH	48- 77350A45
72500A 4	13	21C	SS	3	RH	48- 16992A46
72500A 5	13	21C	SS	3	RH	48- 16992A46
77348A 4	12-3/4	21C	AL	3	RH	48- 77348A45
77348A40	12-3/4	21C	AL	3	RH	48- 77348A45
72762A 4	13-1/4	19C	SS	3	RH	48- 16990A46
72762A 5	13-1/4	19C	SS	3	RH	48- 16990A46
77346A 4	13	19C	AL	3	RH	48- 77346A45
77346A40	13	19C	AL	3	RH	48- 77346A45
16988A 5	13	18C	SS	3	RH	48- 16988A46
72764A 4	13-1/2	17C	SS	3	RH	48- 16988A46
72764A 5	13-1/2	17C	SS	3	RH	48- 16988A46
77344A 4	13-1/4	17C	AL	3	RH	48- 77344A45
77344A40	13-1/4	17C	AL	3	RH	48- 77344A45
77342A 4	13-3/4	15C	AL	3	RH	48- 77342A45
77342A40	13-3/4	15C	AL	3	RH	48- 77342A45
87444A 4	13-3/4	15C	SS	3	RH	48- 17314A46
87444A 5	13-3/4	15C	SS	3	RH	48- 17314A46
77340A 4	14	13C	AL	3	RH	48- 77340A45
77340A40	14	13C	AL	3	RH	48- 77340A45
12606A 5	14	12C	SS	3	RH	48- 17312A46
17312A 5	14	12C	SS	3	RH	48- 17312A46
77338A 4	14	11C	AL	3	RH	48- 77338A45
77338A40	14	11C	AL	3	RH	48- 77338A45
12604A 5	14	10C	SS	3	RH	48- 17310A46
17310A 5	14	10C	SS	3	RH	48- 17310A46

Mariner V-6 Models-Chopper (Gearcase 4-3/4 Inch)

Thrust Hub - 13191Q01 Tab Washer 14-816629Q Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
98246A 4	14-1/4	30C	SS	3	RH	NLA
98246A 5	14-1/4	30C	SS	3	RH	NLA
89860A 4	14-1/2	28C	SS	3	RH	N.L.A.
89860A 5	14-1/2	28C	SS	3	RH	N.L.A.
13373A 5	14-1/2	28C	SS	3	LH	N.L.A.
13372A 5	14-1/2	28C	SS	3	RH	N.L.A.
98245A 1	14-1/2	28	SS	3	LH	N.L.A.
89858A 4	14-1/2	26C	SS	3	RH	N.L.A.
93593A 1	14-1/2	26	SS	3	LH	N.L.A.
13371A 5	14-1/2	26C	SS	3	LH	N.L.A.
13370A 5	14-1/2	26C	SS	3	RH	N.L.A.
89858A 5	14-1/2	26C	SS	3	RH	N.L.A.
77320A 4	14-1/2	24C	SS	3	RH	N.L.A.
93591A 1	14-1/2	24C	SS	3	LH	N.L.A.
77320A 5	14-1/2	24C	SS	3	RH	N.L.A.
13369A 5	14-1/2	24C	SS	3	LH	N.L.A.
13368A 5	14-1/2	24C	SS	3	RH	N.L.A.
89856A 4	14-1/2	22C	SS	3	RH	N.L.A.
89856A 5	14-1/2	22C	SS	3	RH	N.L.A.
13366A 5	14-1/2	22C	SS	3	RH	N.L.A.

Mariner V-6 Models-Laser (Gearcase 4-3/4 Inch)

Thrust Hub 12-835467Q01 Tab Washer 14-816629Q Washer 12-31211Q03 Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
11078A40	14-1/8	25C	SS	3	RH	
11074A40	14-1/4	23C	SS	3	RH	
11070A40	14-3/8	21C	SS	3	RH	48-825862A47

Mariner V-6 Models-Trophy (Gearcase 4-3/4 Inch)

Thrust Hub 12-835467Q01 Tab Washer 14-816629Q Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
825904A41	14	21	SS	4	RH	NLA
825908A40	14	23	SS	4	RH	NLA
825910A40	14	24	SS	4	RH	NLA
825912A40	14	25	SS	4	RH	NLA
825914A40	14	26	SS	4	RH	NLA
825908A41	14	23	SS	4	RH	
825910A41	14	24	SS	4	RH	NLA
825912A41	14	25	SS	4	RH	NLA
825914A41	14	26	SS	4	RH	NLA

FORCE OUTBOARDS

Force 3

Cotter Pin 18-95295 Shear Pin 17-815111 (AL Prop), 17-815111--1 (PL Prop)

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
48-815083A01	7-3/8	6	PL	3	RH	AVAIL.
48-815084A01	7-3/8	6	AL	3	RH	AVAIL.
48-815084A02	7-3/8	6	AL w/rubber hub	3	RH	AVAIL.

Force 4/5

Pin FA324101 Nut 11-817752A1 Cotter Pin 18-45882

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
FP332	7-1/4	6-1/2	NYLON	3	RH	48-820110A20
N.L.A.	7	6-1/4	AL	2	RH	AVAIL.
FP712	7-1/4	6-1/2	NYLON	3	RH	48-820110A20
820110A20	7-1/4	6-1/2	NYLON	3	RH	AVAIL.
FP652	8	5	AL	3	RH	NLA
FP75	8	5	AL	2	RH	NLA
FP488	7-1/4	5-1/2	AL	3	RH	NLA

Force 7.5

Pin FA324101 Nut 11-817752A1 Cotter Pin 18-45882

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
FP477	8	9-1/4	NYLON	3	RH	NLA
	8	8-1/4	NYLON	3	RH	NLA
FP75	8	5	AL	2	RH	NLA
FP73	8	3-1/2	AL	2	RH	NLA

Force 9.9/15

Pin FA324101 Nut 11-817752A1 Cotter Pin 18-45882

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
FP715	8-3/4	6	AL	3	RH	AVAIL.
FP6477	8	9-1/4	NYLON	3	RH	AVAIL.
FP472	9	9	AL	3	RH	FP6477
FP 70	8-1/4	8-3/4	AL	2	RH	NLA
48-FP6430	8	8-1/4	NYLON	3	RH	AVAIL.
FP286-__	8-1/4	8-1/4	AL	2	RH	48-FP6430
FP395	8-1/4	6	AL	3	RH	NLA
FP396	8-1/4	4-1/2	AL	3	RH	NLA

Force 20-60 Horsepower

20-25 HP 1979-1981
30 HP 1966-1982
35 HP 1966-1991
40 HP 1992-1994
45 HP 1966-1984
50 HP 1982-1994
55-60 HP 1966-1984
14 Tooth Spline & Pin Drive
Nut FA94094-2 Pin FK247 Cotter Pin 18-89961

Propeller Size	Material	Blades	Style	Quicksilver P/N	Hub System
10-3/8 X 12.5	AL	3	Black Diamond	N.L.A.	Rubber Bushing
10-3/8 X 11.5	AL	3	Black Diamond	N.L.A.	Rubber Bushing
10-3/8 X 10	AL	3	Black Diamond	N.L.A.	Rubber Bushing

Force 60

NLA = FP497, FP499
Hub 22-F522099 (NLA) Flat Washer F531299 Washer 12-F1866 Nut 11-F7048
Cotter Pin 826374 Prop Nut F522094-1 (NLA)

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
FPS495	10	15	AL	3	RH	NLA
FP496	10	14c	SS	3	RH	NLA
FPS494	10	14	AL	3	RH	NLA
FPS486	10	13c	AL	3	RH	NLA
FPS493	10	13	AL	3	RH	NLA
FPS522	10	12	AL	3	RH	NLA

Force 70

Thrust Hub 73345A1 Tab Washer 14-76281 Nut 11-69578Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
FPM735	10	19	AL	3	RH	
73146A40	10	19	AL	3	RH	AVAIL.
FPM736	10	17	AL	3	RH	48- 73144A45
73144A40	10	17	AL	3	RH	AVAIL.
FPM737	10	16	AL	3	RH	48- 73142A45
73142A40	10	16	AL	3	RH	AVAIL.
FPM750	10	16	SS	3	RH	N.L.A.
91818A 5	10	16	SS	3	RH	AVAIL.
FPM738	10-1/8	15	AL	3	RH	48- 73140A45
73140A40	10-1/8	15	AL	3	RH	AVAIL.
FPM739	10-3/8	15	AL	3	RH	48-816706A45
816706A40	10-3/8	15	AL	3	RH	AVAIL.
FPM751	10-1/8	15	SS	3	RH	48-855862A46
76232A 5	10-1/8	15	SS	3	RH	48-855862A46
FPM752	10-1/4	14	SS	3	RH	48-855860A46
76230A 5	10-1/4	14	SS	3	RH	48-855860A46
FPM740	10-1/2	13	AL	3	RH	48-816704A45
816704A40	10-1/2	13	AL	3	RH	AVAIL.
FPM753	10-3/8	13	SS	3	RH	48-855858A46
76228A 5	10-3/8	13	SS	3	RH	48-855858A46
FPM741	10-3/4	12	AL	3	RH	48-816702A45
816702A40	10-3/4	12	AL	3	RH	AVAIL.
FPM742	11-7/8	12	AL	3	RH	48- 85632A45
85632A40	10-7/8	11	AL	3	RH	AVAIL.
FPM754	10-5/8	12	SS	3	RH	48-855856A46
79792A 5	10-5/8	12	SS	3	RH	48-855856A46
FPM743	12	10-1/2	AL	3	RH	48- 42740A45
42740A10	12	10-1/2	AL	3	RH	48- 42740A45
FPM756	11-1/4	10	AL	3	RH	48- 73132A45
73132A40	11-1/4	10	AL	3	RH	AVAIL.
FPM755	12-1/4	9	SS	3	RH	
97868A10	12-1/4	9	SS	3	RH	AVAIL.
FPM757	12-1/4	9	AL	3	RH	48- 87818A45
87818A10	12-1/4	9	AL	3	RH	48- 87818A45
FPM746	12-1/2	8	AL	3	RH	48- 42738A45
42738A10	12-1/2	8	AL	3	RH	48- 42738A45

Force 85-150 and All L-Drives Pre 1995 No Thru or Thru Hub Exhaust

85, 125 HP 1988-1989
90, 120 HP 1990-1994
90-120 HP L Drive 1989-1991
150 HP 1989-1994
150 HP L Drive 1991
15 Tooth Spline

Propeller Size	Material	Blades	Style	Quicksliver P/N	Hub System
13 X 19 RH	AL	3	Black Diamond		Rubber Bushing
13-1/2 X 17 RH	AL	3	Black Diamond		Rubber Bushing
13-1/2 X 15 RH Cupped	AL	3	Black Diamond		Rubber Bushing
13-1/2 X 15 RH	AL	3	Black Diamond		Rubber Bushing

CHRYSLER OUTBOARDS

Chrysler Outboard 1983 and Older

NLA = FP50, FP77, FP102, FP324, FP346, FP381, FP391, FP392, FP393, FP394, FP410, FP410, FP446, FP461, FP471, FP481, FP497, FP499, FP527, FP530, FP539

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession	Horsepower	Model Year
FP19	7-1/2	4-1/2	AL (PIN)	2	RH	N.L.A.	3.5*, 3.6*(1)	69-76
FP332	7-1/2	6-1/2	PL	3	RH	48-820110A20	4.0*, 3.5*(1)	77 AND NEWER
FP73	8	3-1/2	AL	2	RH	N.L.A.	4.4, 5.0, 6.0, 4.5, 8.0	68-78
FP521	7-1/4	5-1/2	AL (PIN)	3	RH	N.L.A.	4.0*, L.L.(1)	76-78
FP430	8	8-1/4	PL	3	RH	AVAIL.	6.0*, 8.0, 7.5(1)	78-81
N.L.A.	7	6-1/4	AL	2	RH	AVAIL.	3.5, 6.0, 8.0	76-79
FP477	8	9-1/4	PL	3	RH	AVAIL.	6.0, 7.5, 8.0	78 AND NEWER
FP488	7-1/4	5-1/2	AL	3	RH	N.L.A.	3.5, 6.0, 8.0, 4.0, L.L.*(1)	76-79
FP75	8	5	AL	2	RH	N.L.A.	3.5, 6.6, 7.0, 7.5, 8.0	68-80
FP6430	8	8-1/2	PL	3	RH	AVAIL.	9.9, 10, 12.9, 15	68 AND NEWER
FP70	8-1/4	8-3/4	AL	2	RH	N.L.A.	9.9, 10, 12.9, 15	68 AND NEWER
FP396	8-1/4	4-1/2	AL	3	RH	N.L.A.	9.9, 10, 12.9, 15	68 AND NEWER
FP395	8-1/4	6	AL	3	RH	N.L.A.	9.9, 10, 12.9, 15	68 AND NEWER
FP472	8	9	AL	3	RH	FP6477	9.9, 10, 12.9, 15	68 AND NEWER
FP273	10-3/8	13-1/2	AL	3	RH	819334A40	30*, 35, 45, 55+, 60+	66 AND NEWER
819334A40	10-3/8	13-1/2	AL	3	RH	N.L.A.	30*, 35, 45, 55+, 60+	66 AND NEWER
FP293	10-3/8	12-1/2	AL	3	RH	N.L.A.	30, 35, 45*, 55*+, 60+	66 AND NEWER
FP287	10-3/8	11-1/2	AL	3	RH	N.L.A.	30, 35*, 45, 55+, 60+	66 AND NEWER
FP278	10-3/8	10	AL	3	RH	N.L.A.	30, 35, 45, 55+, 60+ Sailors 10, 250, 280(2)	66 AND NEWER

(1) Standard Replacement Propeller

(2) Two-piece gear case

MERCRUSIER STERNDRIVES

MerCruiser 60

NLA = 48-38396A1, 48-38396A4, 48-38394A1, 48-38394A4, 48-38086A4, 48-38090A4, 48-37314A1, 48-37314A4,
Thrust Hub 38859A1 Washer 12-32007 Nut 11-69578Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
38090A1	10-3/4	13	AL	3	RH	N.L.A.
38094A1	10-3/4	12	AL	3	RH	N.L.A.
38094A4	10-3/4	12C	AL	3	RH	N.L.A.
38098A1	10-3/4	11	AL	3	RH	N.L.A.
38098A4	10-3/4	11C	AL	3	RH	N.L.A.
33774A1	10-3/4	10	AL	3	RH	AVAIL.
33774A4	10-3/4	10C	AL	3	RH	N.L.A.
32194A1	10-3/4	9	AL	3	RH	N.L.A.
32194A4	10-3/4	9C	AL	3	RH	N.L.A.

MerCruiser 80/90 & MerCruiser I

MerCruiser I with 4 Inch OD outer prop hub
NLA = 48-31448A3, 48-31448A4, 48-31450A3, 48-31450A4, 48-32744A3, 48-32744A4, 48-31460A3, 48-31460A4, 48-30394A3, 48-30394A4
48-30398A3, 48-30398A4, 48-33242A3, 48-33242A4, 48-30400A3, 48-30400A4
Thrust Hub 3

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
52012A 3	13	25	AL	3	RH	48- 77350A45
52012A 4	13	25C	AL	3	RH	
72758A 4	12-5/8	25C	SS	3	RH	
72758A 5	12-5/8	25C	SS	3	RH	
32386A 3	13-3/4	23	AL	2	RH	48- 77348A45
32386A 4	13-3/4	23C	AL	2	RH	48- 77350A45
52008A 3	13	23	AL	3	RH	48- 77348A45
52008A 4	13	23C	AL	3	RH	48- 77350A45
72760A 4	12-3/4	23C	SS	3	RH	
72760A 5	12-3/4	23C	SS	3	RH	
77350A 4	12-1/2	23C	AL	3	RH	48- 77350A45
77350A40	12-1/2	23C	AL	3	RH	48- 77350A45
31454A 3	13-3/4	21	AL	2	RH	48- 77346A45
31454A 4	13-3/4	21C	AL	2	RH	48- 77348A45
32746A 3	13	21	AL	3	RH	48- 77346A45
32746A 4	13	21C	AL	3	RH	48- 77348A45
72500A 4	13	21C	SS	3	RH	48- 16992A46
72500A 5	13	21C	SS	3	RH	48- 16992A46
77348A 4	12-3/4	21C	AL	3	RH	48- 77348A45
77348A40	12-3/4	21C	AL	3	RH	48- 77348A45
32388A 3	13-3/4	19	AL	2	RH	N.L.A.
32388A 4	13-3/4	19C	AL	2		

MerCruiser I (Standard Propeller)

With 4-1/2 Inch OD outer prop hub
NLA = 48-36028A4, 48-36032A1, 48-36032A4, 48-66139A4, 48-66448A4, 48-79582A4, 48-36030A1, 48-36030A4, 48-73982A4, 48-36022A1,
48-36024A1, 48-36024A4
1982 and Before - Thrust Hub 56292Q04 Tab Washer 14-816629Q

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
36028A 1	14-1/2	27	AL	3	RH	N.L.A.
36008A 1	14-1/2	25	AL	3	RH	N.L.A.
36008A 4	14-1/2	25C	AL	3	RH	N.L.A.
65480A 1	14-1/2	25	AL	3	RH	N.L.A.
65480A 4	14-1/2	25C	AL	3	RH	N.L.A.
75784A 4	13-1/4	25C	AL	3	RH	N.L.A.
77402A 4	13-1/2	25C	SS	3	RH	
16550A46	13-1/2	25C	SS	3	RH	AVAIL.
78126A 4	13-3/8	25C	AL	3	RH	N.L.A.
78126A40	13-3/8	25C	AL	3	RH	N.L.A.
79580A 4	14-1/2	25C	AL	3	RH	N.L.A.
79796A 4	13-3/8	25C	SS	3	RH	
16550A36	13-3/8	25C	SS	3	RH	AVAIL.
79796A 5	13-3/8	25C	SS	3	RH	
16550A36	13-3/8	25C	SS	3	RH	AVAIL.
88446A 4	13-1/2	25C	SS	3	RH	
16550A36	13-1/2	25C	SS	3	RH	AVAIL.
16322A 5	13-3/8	25C	SS	3	RH	
16550A36	13-3/8	25C	SS	3	RH	AVAIL.
36010A 1	14-1/2	23	AL	3	RH	48-832834A45
36010A 4	14-1/2	23C	AL	3	RH	48-832834A45

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
58426A 1	15	23	AL	3	RH	48-832834A45
58426A 4	15	23C	AL	3	RH	48-832834A45
67874A 4	15	23C	AL	3	RH	48-832834A45
75058A 4	13-1/2	23C	SS	3	RH	
75160A 4	13-1/2	23C	AL	3	RH	48-832834A45
75724A 4	13-1/2	23C	SS	3	RH	
75724A 5	13-1/2	23C	SS	3	RH	
16321A 5	13-1/2	23C	SS	3	LH	
16320A 5	13-1/2	23C	SS	3	RH	
78124A 4	13-1/2	23C	AL	3	RH	48-832834A45
78124A40	13-1/2	23C	AL	3	RH	48-832834A45
79578A 4	15	23C	AL	3	RH	48-832834A45
88444A 4	13-1/2	23C	SS	3	RH	
36012A 1	15	21	AL	3	RH	48-832832A45
36012A 4	15	21C	AL	3	RH	48-832832A45
49634A 1	15	21	AL	3	RH	48-832832A45
49634A 4	15	21C	AL	3	RH	48-832832A45
58424A 1	15-1/4	21	AL	3	RH	48-832832A45
58424A 4	15-1/4	21C	AL	3	RH	48-832832A45
65992A 1	15-1/4	21	AL	3	RH	48-832832A45
65992A 4	15-1/4	21C	AL	3	RH	48-832832A45
73982A 5	13-3/4	21C	SS	3	RH	48- 16318A46
74268A 4	13-3/4	21C	SS	3	RH	48- 16318A46
16319A 5	13-3/4	21C	SS	3	LH	
16318A 5	13-3/4	21C	SS	3	RH	48- 16318A46
74876A 4	13-3/4	21C	AL	3	RH	48-832832A45
74888A 4	15-1/4	21C	AL	3	RH	48-832832A45
78122A 4	13-3/4	21C	AL	3	RH	48-832832A45
78122A40	13-3/4	21C	AL	3	RH	48-832832A45
79576A 4	15-1/4	21C	AL	3	RH	48-832832A45
36014A 1	15-1/2	19	AL	3	RH	48-832830A45
832830A45	15-1/2	19	AL	3	RH	AVAIL.
36014A 4	15-1/2	19C	AL	3	RH	48- 11324A45
58422A 1	15-1/2	19	AL	3	RH	48-832830A45
832830A45	15-1/2	19	AL	3	RH	AVAIL.
58422A 4	15-1/2	19C	AL	3	RH	48- 11324A45
66432A 1	15-1/2	19	AL	3	RH	48-832830A45
832830A45	15-1/2	19	AL	3	RH	AVAIL.
66432A 4	15-1/2	19C	AL	3	RH	48- 11324A45
73980A 4	14	19C	SS	3	RH	48- 16316A46
73980A 5	14	19C	SS	3	RH	48- 16316A46
74266A 4	14	19C	SS	3	RH	48- 16316A46
74874A 4	14	19C	AL	3	RH	48-832830A45
74886A 4	15-1/2	19C	AL	3	RH	48- 11324A45
78120A 4	14	19C	AL	3	RH	48-832830A45
78120A40	14	19C	AL	3	RH	48-832830A45
79574A 4	15-1/2	19C	AL	3	RH	48- 11324A45
88440A 4	14	19C	SS	3	RH	48- 16316A46
16317A 5	14	19C	SS	3	LH	48- 16317A46
16317A46	14	19C	SS	3	LH	AVAIL.
16316A 5	14	19C	SS	3	RH	48- 16316A46
11324A40	15-1/2	18C	AL	3	RH	48- 11324A45
36016A 1	15-3/4	17	AL	3	RH	48- 16440A45
36016A 4	15-3/4	17C	AL	3	RH	48- 16440A45
66450A 4	15-3/4	17C	AL	3	RH	48- 16440A45
74872A 4	14-1/4	17C	AL	3	RH	48-832828A45

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
78118A 4	14-1/2	17C	AL	3	RH	48-832828A45
78118A40	14-1/2	17C	AL	3	RH	48-832828A45
79572A 4	15-3/4	17C	AL	3	RH	48- 16440A45
79794A 4	14-1/2	17C	SS	3	RH	48- 16314A46
79794A 5	14-1/2	17C	SS	3	RH	48- 16314A46
79830A 4	14-1/2	17C	SS	3	RH	48- 16314A46
16315A 5	14-1/2	17C	SS	3	LH	48- 16315A46
16314A 5	14-1/2	17C	SS	3	RH	48- 16314A46
88438A 4	14-1/2	17C	SS	3	RH	48- 16314A46
11322A40	15-3/4	16C	AL	3	RH	48- 16440A45
16440A40	16	16C	AL	3	RH	48- 16440A45
36018A 1	16	15	AL	3	RH	48- 78116A45
36018A 4	16	15C	AL	3	RH	48- 16438A45
66452A 4	16	15C	AL	3	RH	48- 16438A45
75760A 4	14-1/2	15C	AL	3	RH	48- 78116A45
78116A 4	16	15C	AL	3	RH	48- 78116A45
78116A40	16	15C	AL	3	RH	48- 78116A45
79570A 4	16	15C	AL	3	RH	48- 16438A45
93272A 4	14-1/2	15C	SS	3	RH	48- 16312A46
93272A 5	14-1/2	15C	SS	3	RH	48- 16312A46
16312A 5	14-1/2	15C	SS	3	RH	48- 16312A46
11320A40	16	14C	AL	3	RH	48- 16438A45
16438A40	16	14C	AL	3	RH	48- 16438A45
36020A 1	16	13	AL	3	RH	48- 78114A45
36020A 4	16	13C	AL	3	RH	48- 78114A45
75138A 4	16	13C	AL	3	RH	48- 78114A45
78114A 4	16	13C	AL	3	RH	48- 78114A45
78114A40	16	13C	AL	3	RH	48- 78114A45
79568A 4	16	13C	AL	3	RH	48- 78114A45
16436A40	16	12C	AL	3	RH	48- 16436A45
36022A 4	16	11C	AL	3	RH	48- 78112A45
78112A 4	16	11C	AL	3	RH	48- 78112A45
78112A40	16	11C	AL	3	RH	48- 78112A45
16312A 4	14-1/2	15C	SS	3	RH	48- 16312A46
16314A 4	14-1/2	17C	SS	3	RH	48- 16314A46
16315A 4	14-1/2	17C	SS	3	LH	48- 16315A46
16316A 4	14	19C	SS	3	RH	48- 16316A46
16318A 4	13-3/4	21C	SS	3	RH	48- 16318A46
16319A 4	13-3/4	21C	SS	3	LH	
16320A 4	13-1/2	23C	SS	3	RH	
16321A 4	13-1/2	23C	SS	3	LH	
16322A 4	13-3/8	25C	SS	3	RH	
16550A46	13-3/8	25C	SS	3	RH	AVAIL.

MerCruiser I (Cleaver)

With 4-1/2 Inch OD outer prop hub
NLA = 48-77096A4, 48-88452A4, 48-89806A4, 48-89806A5, 48-77094A4, 48-88450A4, 48-89804A4, 48-89804A5, 48-77092A4, 48-88448A4
Thrust Hub 92950 Tab Washer 14-816629Q Washer 12-31211A3 Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
89802A 4	14-3/4	21C	SS	3	RH	N.L.A.
89802A 5	14-3/4	21C	SS	3	RH	N.L.A.
89266A 4	15	19C	SS	3	RH	N.L.A.
89800A 4	15	19C	SS	3	RH	N.L.A.
89800A 5	15	19C	SS	3	RH	N.L.A.

Bravo One - Mirage

Solid Hub
Mirage Plus 370 Hp & Below
Thrust Hub 12-835467 1 Tab Washer 14-816629 Washer Splined 12-31211A2 Nut 11-52707A1
Solid Hub Mirage - 370 Hp & Up
Thrust Hub 14359 Splined Washer (FWD) 12-39701 Flat Washer (Rear) 12-39698

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
821720A 5	14-3/4	29C	SS	3	RH	
821719A 5	14-3/4	29C	SS	3	LH	
19836A 5	14-3/8	27C	SS	3	RH	N.L.A.
18280A56	14-3/8	27C	SS	3	RH	N.L.A.
19835A 5	14-3/8	27C	SS	3	LH	48- 18281A56
13248A 5	14-1/2	25C	SS	3	RH	
13247A 5	14-1/2	25C	SS	3	LH	
13246A 5	14-5/8	23C	SS	3	RH	
13245A 5	14-5/8	23C	SS	3	LH	
13244A 5	14-3/4	21C	SS	3	RH	
13243A 5	14-3/4	21C	SS	3	LH	
13703A56	14-3/4	21C	SS	3	LH	AVAIL.
13242A 5	15-1/4	19C	SS	3	RH	
13241A 5	15-1/4	19C	SS	3	LH	
19839A 5	15-1/2	17C	SS	3	LH	
19835A 5	15-1/2	17C	SS	3	RH	N.L.A.
19834A50	15-1/2	17	SS	3	RH	N.L.A.
18278A56	15-1/2	17	SS	3	RH	N.L.A.
19835A50	14-3/8	27	SS	3	LH	18281A56
19836A50	14-3/8	27	SS	3	RH	18280A56
19839A50	15-1/2	17	SS	3	LH	
13241A50	15-1/4	19	SS	3	LH	
13242A50	15-1/4	19	SS	3	RH	
13243A50	14-3/4	21	SS	3	LH	
13244A50	14-3/4	21	SS	3	RH	
13245A50	14-5/8	23	SS	3	LH	
13246A50	14-5/8	23	SS	3	RH	
13247A50	14-1/2	25	SS	3	LH	
13248A50	14-1/2	25	SS	3	RH	
821719A50	14-3/4	29	SS	3	LH	
821720A50	14-3/4	29	SS	3	RH	

Bravo One - Cleaver

Rubber Hub
NLA = 48-89799A5, 48-89801A5, 48-89803A5, 48-89804A5, 48-89805A5, 48-89806A5
Thrust Hub 92950 Tab Washer 14-816629Q Washer 12-31211A3 Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
89805A4	14-1/4	25C	SS	3	LH	N.L.A.
89806A4	14-1/4	25C	SS	3	RH	N.L.A.
89803A4	14-1/2	23C	SS	3	LH	N.L.A.
89804A4	14-1/2	23C	SS	3	RH	N.L.A.
89801A4	14-3/4	21C	SS	3	LH	N.L.A.
89802A4	14-3/4	21C	SS	3	RH	N.L.A.
89802A5	14-3/4	21C	SS	3	RH	N.L.A.
89799A4	15	19C	SS	3	LH	N.L.A.
89800A4	15	19C	SS	3	RH	N.L.A.
89800A5	15	19C	SS	3	RH	N.L.A.

Bravo Two

NLA = 48-18607A42, 48-18609A42
Thrust Washer 55074T Tab Washer 14-34817 Washer 12-55073A2 Nut 11-826711 27

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
	16-1/4	25C	AL	3	LH	AVAIL.
	17-1/4	25C	AL	3	LH	AVAIL.
	16-1/4	25C	AL	3	RH	AVAIL.
	17-1/4	25C	AL	3	RH	AVAIL.
	16-1/2	23C	AL	3	LH	AVAIL.
48- 18619A40	17-1/2	23C	AL	3	LH	AVAIL.
	16-1/2	23C	AL	3	RH	AVAIL.
48- 18618A40	17-1/2	23C	AL	3	RH	AVAIL.
	16-3/4	21C	AL	3	LH	AVAIL.
48- 18617A40	17-3/4	21C	AL	3	LH	AVAIL.
	16-3/4	21C	AL	3	RH	AVAIL.
48- 18616A40	17-3/4	21C	AL	3	RH	AVAIL.
	19-1/2	21C	AL	3	RH	AVAIL.
	14-1/4	19C	AL	3	LH	AVAIL.
48- 18615A40	18-1/4	19C	AL	3	LH	AVAIL.
	17-1/4	19C	AL	3	RH	AVAIL.
	19-3/4	19C	AL	3	RH	AVAIL.
48- 18614A40	18-1/4	19C	AL	3	RH	AVAIL.
	17-3/4	17C	AL	3	LH	AVAIL.
	18-3/4	17C	AL	3	LH	AVAIL.
	18-3/4	17C	AL	3	RH	AVAIL.
	18-3/4	17C	AL	3	RH	AVAIL.
	18-1/4	15C	AL	3	LH	AVAIL.
	19-1/4	15C	AL	3	LH	AVAIL.
	18-1/4	15C	AL	3	RH	AVAIL.
	19-1/4	15C	AL	3	RH	AVAIL.
	19-1/2	13C	AL	3	RH	AVAIL.
	20	11C	AL	3	RH	AVAIL.

Bravo Three - Gas & Diesel

Prop Wrench 91-805457T1 Rear Prop Nut 862907 Forward Prop Nut 11-859131
Rear Thrust Hub 805101T Forward Thrust Hub 805100

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
823670A 5	13-3/4	28	SS	3	RH	
823669A 5	15	28	SS	3	LH	
823668A 5	14	26	SS	3	RH	
823667A 5	15-1/4	26	SS	3	LH	
823666A 5	14-1/4	24	SS	3	RH	
823665A 5	15-1/2	24	SS	3	LH	
823664A 5	14-1/4	22	SS	3	RH	
823663A 5	15-3/4	22	SS	3	LH	
823662A 5	14-2/5	20	SS	3	RH	
823661A 5	16	20	SS	3	LH	
823670A 6	13-3/4	28	SS	3	RH	
823669A 6	15	28	SS	3	LH	
823668A 6	14	26	SS	3	RH	
823667A 6	15-1/4	26	SS	3	LH	
823666A 6	14-1/4	24	SS	3	RH	
823665A 6	15-1/2	24	SS	3	LH	
823664A 6	14-1/4	22	SS	3	RH	
823663A 6	14-1/4	22	SS	3	LH	
823662A 6	14-3/8	20	SS	3	RH	
823661A 6	16	20	SS	3	LH	

Pre 2017 3 blade Front/Rear Quicksilver Thunderbolt BIII for MerCruiser Bravo Three sterndrives

3 blade front 3 blade rear propellers
For listing of New style 4 blade front 3 blade rear propellers, reference the Quicksilver Bravo Three section within the Quicksilver Propeller Application Charts section of guide
Mixing of old style and new style props is not recommended for best performance.

All Engines
Bravo Three Propeller Hardware (not included with propellers):
Forward Thrust Washer 805101T
Aft Thrust Washer 805100
Forward Prop Nut 859131
Aft Prop Nut 862907
Bravo Three Inner Prop Nut Wrench 805457T 1

Pitch	Material	Finish	Blades (Front & Rear)	LH Rotation Front Prop	RH Rotation Rear Prop	Model
28	SS	Matte	3 & 3			Bravo Three
26	SS	Matte	3 & 3			Bravo Three
24	SS	Matte	3 & 3			Bravo Three
22	SS	Matte	3 & 3			Bravo Three
20	SS	Matte	3 & 3			Bravo Three

Pre 2008 3 blade Front/Rear Mercury MerCruiser Bravo Three

3 blade front 3 blade rear propellers
For listing of New style 4 blade front 3 blade rear propellers Bravo Three in Mercury Propeller Application Charts section of guide
Mixing of old style and new style props is not recommended for best performance

All Engines
Bravo Three Propeller Hardware (not included with propellers):
Forward Thrust Washer 805101T
Aft Thrust Washer 805100
Forward Prop Nut 859131
Aft Prop Nut 862907
Bravo Three Inner Prop Nut Wrench 805457T 1

Pitch	Material	Finish	Blades (Front & Rear)	LH Rotation Front Prop	RH Rotation Rear Prop	Model
30 Cup	SS	Matte	3 & 3			Bravo Three
30	SS	Matte	3 & 3	48-831867A60	48-831868A60	Bravo Three
28 Cup	SS	Matte	3 & 3			Bravo Three
28	SS	Matte	3 & 3			Bravo Three
26 Cup	SS	Matte	3 & 3			Bravo Three
26	SS	Matte	3 & 3			Bravo Three
24 Cup	SS	Matte	3 & 3			Bravo Three
24	SS	Matte	3& 3			Bravo Three
22 Cup	SS	Matte	3 & 3			Bravo Three
22	SS	Matte	3 & 3			Bravo Three
20 Cup	SS	Matte	3 & 3			Bravo Three
20	SS	Matte	3 & 3			Bravo Three

MerCruiser 215E/215H/All II-TR & TR

NLA = 48-57270A1, 48-57271A1, 48-54733A1, 48-54733A4, 48-57268A1, 48-57269A1, 48-54731A1, 48-54731A4, 48-57266A1, 48-57267A1, 48-54719A1, 48-54720A1, 48-54717A1, 48-54718A1
Thrust Washer 55074T Tab Washer 14-34817 Washer 12-55073 (NLA) Nu

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
54726A 4	18	23C	AL	3	LH	48- 18619A40
57264A 1	19-1/4	23	AL	3	RH	48- 18618A40
57265A 1	19-1/4	23	AL	3	LH	48- 18619A40
77902A 1	19-1/4	23	AL	3	RH	48- 18618A40
77902A10	19-1/4	23	AL	3	RH	48- 18618A40
48- 18618A40	16-1/2	23C	AL	3	RH	AVAIL.
77903A 1	19-1/4	23	AL	3	LH	48- 18619A40
77903A10	19-1/4	23	AL	3	LH	48- 18619A40
48- 18618A40	16-1/2	23C	AL	3	LH	AVAIL.

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
54727A 1	18-1/2	21	AL	3	LH	48- 18617A40
54727A 4	18-1/2	21C	AL	3	LH	48- 18617A40
57262A 1	19-1/2	21	AL	3	RH	48- 18616A40
57263A 1	19-1/2	21	AL	3	LH	48- 18617A40
69262A 1	19-1/2	21	AL	3	RH	48- 18616A40
77900A 1	19-1/2	21	AL	3	RH	48- 18616A40
77900A10	19-1/2	21	AL	3	RH	48- 18616A40
48- 18616A40	16-3/4	21C	AL	3	RH	AVAIL.
77901A 1	19-1/2	21	AL	3	LH	48- 18617A40
77901A10	19-1/2	21	AL	3	LH	48- 18617A40
48- 18617A40	17-3/4	21C	AL	3	LH	AVAIL.
54725A 1	19	19	AL	3	LH	48- 18615A40
54726A 1	19	19	AL	3	RH	48- 18614A40
63305A 1	19-3/4	19	AL	3	LH	48- 18615A40
63306A 1	19-3/4	19	AL	3	RH	48- 18614A40
69260A 1	19-3/4	19	AL	3	RH	48- 18614A40
77898A 1	19-3/4	19	AL	3	RH	48- 18614A40
77898A10	19-3/4	19	AL	3	RH	48- 18614A40
	19-3/4	19C	AL	3	RH	AVAIL.
48- 18614A40	17-1/4	19C	AL	3	RH	AVAIL.
77899A1	19-3/4	19	AL	3	LH	48- 18615A40
77899A10	19-3/4	19	AL	3	LH	48- 18615A40
48- 18615A40	17-1/4	19C	AL	3	LH	AVAIL.
54723A 1	20	17	AL	3	LH	
54724A 1	20	17	AL	3	RH	
63303A 1	20	17	AL	3	LH	
63304A 1	20	17	AL	3	RH	
77896A 1	20	17	AL	3	RH	
77896A10	20	17	AL	3	RH	
48-8M0078090	17-3/4	17C	AL	3	RH	AVAIL.
77897A1	20	17	AL	3	LH	
77897A10	20	17	AL	3	LH	
48-8M0078091	17-3/4	17C	AL	3	LH	AVAIL.
54721A 1	19-3/4	15	AL	3	LH	
54722A 1	19-3/4	15	AL	3	RH	
77894A 1	19-3/4	15	AL	3	RH	
77894A10	19-3/4	15	AL	3	RH	
48-8M0078088	18-1/4	15C	AL	3	RH	AVAIL.
77895A 1	19-3/4	15	AL	3	LH	
77895A10	19-3/4	15	AL	3	LH	
48-8M0078089	18-1/4	15C	AL	3	LH	AVAIL.

MerCruiser TRS - Mirage

Rubber Hub - 370 Hp & Below
Thrust Hub 13171 Tab Washer 14-816629 Washer Splined 12-31211A2 Nut 11-52707A1

Solid Hub - 370 Hp & Up
Thrust Hub 14359 Splined Washer (FWD) 12-39701 Flat Washer (Rear) 12-39698 Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
821720A 5	14-3/4	29C	SS	3	RH	
821719A 5	14-3/4	29C	SS	3	LH	
19836A 5	14-3/8	27C	SS	3	RH	18280A56
18280A56	14-3/8	27C	SS	3	RH	N.L.A.
19835A 5	14-3/8	27C	SS	3	LH	48- 18281A56
13248A 5	14-1/2	25C	SS	3	RH	
13247A 5	14-1/2	25C	SS	3	LH	

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
13246A 5	14-5/8	23C	SS	3	RH	
13245A 5	14-5/8	23C	SS	3	LH	
13244A 5	14-3/4	21C	SS	3	RH	
13243A 5	14-3/4	21C	SS	3	LH	
13242A 5	15-1/4	19C	SS	3	RH	
13241A 5	15-1/4	19C	SS	3	LH	
19839A 5	15-1/2	17C	SS	3	LH	
19834A 5	15-1/2	17C	SS	3	RH	18278A56
19834A50	15-1/2	17	SS	3	RH	18278A56
18278A56	15-1/2	17	SS	3	RH	N.L.A.
19835A50	14-3/8	27	SS	3	LH	48- 18281A56
19836A50	14-3/8	27	SS	3	RH	18280A56
19836A50	15-1/2	17	SS	3	LH	
13241A50	15-1/4	19	SS	3	LH	
13242A50	15-1/4	19	SS	3	RH	
13243A50	14-3/4	21	SS	3	LH	
13244A50	14-3/4	21	SS	3	RH	
13245A50	14-5/8	23	SS	3	LH	
13246A50	14-5/8	23	SS	3	RH	
13247A50	14-1/2	25	SS	3	LH	
13248A50	14-1/2	25	SS	3	RH	
821719A50	14-3/4	29	SS	3	LH	
821720A50	14-3/4	29	SS	3	RH	

MerCruiser TRS - Cleaver (Solid Hub)

Splined Washer (FWD) 12-39701 Flat Washer (Rear) 12-39698 Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
74603A 4	14-1/4	25C	SS	3	LH	
13247A50	14-1/2	25	SS	3	LH	
74604A 4	14-1/4	25C	SS	3	RH	
13248A50	14-1/2	25	SS	3	RH	
68560A 4	15	23C	SS	3	RH	
74601A 4	14-1/2	23C	SS	3	LH	
13245A50	14-1/2	23	SS	3	LH	
74602A 4	14-1/2	23C	SS	3	RH	
13246A50	14-1/2	23	SS	3	RH	
68557A 4	15-1/4	21C	SS	3	LH	
68558A 4	15-1/4	21C	SS	3	RH	
74599A 4	14-3/4	21C	SS	3	LH	
13243A50	14-5/16	21	SS	3	LH	
74600A 4	14-3/4	21C	SS	3	RH	
13244A50	14-5/16	21	SS	3	RH	
68555A 4	15-1/2	19C	SS	3	LH	
68556A 4	15-1/2	19C	SS	3	RH	
74597A 4	15	19C	SS	3	LH	
13241A50	15	19	SS	3	LH	
74598A 4	15	19C	SS	3	RH	
13242A50	15	19	SS	3	RH	

MerCruiser TRS - Cleaver (Rubber Hub)

NLA = 48-89799A5, 48-89801A5, 48-89803A5, 48-89804A5, 48-89805A5, 48-89806A5
Thrust Hub 92950 Tab Washer 14-816629 Washer 12-31211A2 Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
89805A 4	14-1/4	25C	SS	3	LH	N.L.A.
89806A 4	14-1/4	25C	SS	3	RH	N.L.A.
89803A 4	14-1/2	23C	SS	3	LH	N.L.A.
89804A 4	14-1/2	23C	SS	3	RH	N.L.A.
89801A 4	14-3/4	21C	SS	3	LH	N.L.A.
89802A 4	14-3/4	21C	SS	3	RH	N.L.A.
89802A 5	14-3/4	21C	SS	3	RH	N.L.A.
89799A 4	15	19C	SS	3	LH	N.L.A.
89800A 4	15	19C	SS	3	RH	N.L.A.
89800A 5	15	19C	SS	3	RH	N.L.A.

MerCruiser TRS - Laser

370 Hp & Below Only
Thrust Hub 12-835467 1 Tab Washer 14-816629 Washer 12-31211A3 Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
11078A40	14-1/8	25	SS	3	RH	
11074A40	14-1/4	23	SS	3	RH	
11070A40	14-3/8	21	SS	3	RH	48-825862A47

MerCruiser TRS - Standard (Aluminum)

255 & 280 Hp Only
NLA = 48-66141A4, 48-66143A4, 48-66145A4, 48-66147A4
Thrust Hub 56292A4 Tab Washer 14-816629 Washer 12-31211A3 Nut 11-52707Q1

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
65480A 4	14-1/2	25C	AL	3	RH	N.L.A.
79580A 4	14-1/2	25C	AL	3	RH	N.L.A.
78126A40	13-3/8	25C	AL	3	RH	N.L.A.
67874A 4	15	23C	AL	3	RH	48-832834A45
79578A 4	15	23C	AL	3	RH	48-832834A45
78124A40	13-1/2	23C	AL	3	RH	48-832834A45
65992A 4	15-1/4	21C	AL	3	RH	48-832832A45
79576A 4	15-1/4	21C	AL	3	RH	48-832832A45
78122A40	13-3/4	21C	AL	3	RH	48-832832A45
66432A 4	15-1/2	19C	AL	3	RH	48- 11324A45
11324A45	15-1/2	19C	AL	3	RH	AVAIL.
79574A 4	15-1/2	19C	AL	3	RH	48- 11324A45
11324A45	15-1/2	19C	AL	3	RH	AVAIL.
78120A40	14	19C	AL	3	RH	48-832830A45
66450A 4	16	17C	AL	3	RH	48- 16440A45
79572A 4	15-3/4	17C	AL	3	RH	48- 16440A45
78118A40	14-1/2	17C	AL	3	RH	48-832828A45
832828A45	14-1/2	17C	AL	3	RH	AVAIL.
16440A40	16	16C	AL	3	RH	48- 16440A45

MerCruiser II

NLA = 48-54352A1, 48-54352A4, 48-54353A1, 48-54353A4, 48-53496A1, 48-53496A4, 48-53497A1, 48-53497A4, 48-49978A1, 48-49978A4, 48-49979A1, 48-49979A4, 48-54829A4, 48-49973A1, 48-49973A4, 48-49974A1, 48-49974A4, 48-33237A1, 48-33238A1, 48-33238A4, 48-4997

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
	19-1/2	21	AL	3	RH	AVAIL.
	19-3/4	19	AL	3	RH	AVAIL.

MerCruiser III

NLA = 48-47691A1, 48-47691A4, 48-47692A1, 48-47692A4, 48-47693A1, 48-47693A4, 48-47694A1, 48-47694A4, 48-47695A4, 48-47696A4, 48-47697A1, 48-47697A4, 48-47698A1, 48-47698A4, 48-47699A4, 48-47700A4, 48-47701A1, 48-47707A4, 48-47702A1, 48-47702A4, 48-4770

Part No.	Diameter	Pitch	Material	Blades	Rotation	Status or Supersession
47707A 1	19-1/4	25	AL	3	LH	N.L.A.
47708A 1	19-1/4	25	AL	3	RH	N.L.A.
47705A 1	19-3/4	23	AL	3	LH	N.L.A.
47704A 1	20	21	AL	3	RH	N.L.A.
47699A 1	20	17	AL	3	LH	N.L.A.
47700A 1	20	17	AL	3	RH	N.L.A.
47695A 1	20	13	AL	3	LH	N.L.A.
47696A 1	20	13	AL	3	RH	N.L.A.
47704A10	20	21	AL	3	RH	N.L.A.
47708A10	19-1/4	25	AL	3	RH	N.L.A.
47707A10	19-1/4	25	AL	3	LH	N.L.A.
47699A10	20	17	AL	3	LH	N.L.A.
47700A10	20	17	AL	3	RH	N.L.A.
47695A10	20	13	AL	3	LH	N.L.A.
47696A10	20	13	AL	3	RH	N.L.A.

PROPELLER HARDWARE AND ACCESSORIES

HUB CROSS-REFERENCE CHART

Mercury Rubber Hub Cross-Reference Chart

Application	Name	Hub Style	Hub or Sleeve P/N	Thrust Washer	Aft Washer / Sheer Pin	Nut	Cotter Pin	Nut Kit
Mercury/Mariner 2.5-3.5 HP FourStroke	Flo-Torq I	Rubber	N/A	N/A	17-815111Q02	N/A	18- 95295Q	N/A
Mercury/Mariner 4-6 HP FourStroke	Flo-Torq I	Rubber	N/A	16145Q01	12- 16146	11- 16147	18-815026	N/A
Mercury/Mariner 8-9.9 HP(2005 and Newer)	Flo-Torq I	Rubber	897453T	8M0131240	12- 16146	11- 16147	18-815026	803743Q02
Mercury/Mariner 6-15 HP 2-Stroke, 9.9 HP FourStroke (1995-2004), 15 HP FourStroke (Thru 2007)	Flo-Torq I	Rubber	827598T	821932 1	23- 42091 1	11- 40140	N/A	11- 13914Q02
Mercury/Mariner 9.9 HP BigFoot, ProKicker (2005 and Newer) 15-20 FourStroke (2007 and Newer)	Flo-Torq I	Rubber	8M0054769	803743	12- 16140 2	11- 16147 1	18-815026 4	803743Q01
Mercury/Mariner 20/25 HP 2-Strokes (1980-2006), 9.9 & 15 HP BigFoot (1999-2004)	Flo-Torq I	Rubber	19669T	858498	N/A	11- 40119 12	N/A	11- 40119Q02
Mercury/Mariner 25-30 HP FourStrokes (2006 and Newer)	Flo-Torq I	Rubber	897001T	16145 2	12- 16140 2	11- 16147 1	N/A	13914Q03
Mercury/Mariner 25 HP BigFoot, 30 HP 2-Strokes, 40-60 HP 2-Strokes and FourStrokes excluding BigFoot(1977 and Newer)	Flo-Torq I	Rubber	43676T	73345A 1	14- 76281Q	11- 69578Q 1	N/A	11- 31990Q02
Mercury/Mariner 40-60 BigFoot FourStrokes with Silver (A33) Propellers	Flo-Torq I	Rubber	859173	12-835467Q01	12- 31211Q03	11- 52707Q 1	N/A	11-827614Q01

FLO-TORQ APPLICATION CHARTS

Mercury/Mariner/Force & MerCruiser Sterndrive

Application	Flo-Torq Hub Kit	Forward Trust Washer	Drive Sleeve	Bushing	Aft Adaptor	Aft Spacer/ Washer	Nut
Mercury 75 2- Stroke (1984 and newer), 90 & 115 2- Stroke (1978 and newer), 125 HP (1994 and newer), Verado 200-300 HP, Alpha & Bravo 1 Sterndrives	835257Q 1	12-835467Q01	835290Q 1	N/A	826074Q 1	8M0042130	11- 52707Q 1
Force 75 (1999), 90-150 (1995 and newer)	835257Q 1	12-835467Q01	835290Q 1	N/A	826074Q 1	8M0042130	11- 52707Q 1
Mercury 40 CT - 225 HP FourStroke for vibration reduction	8M0150152	12-835467Q01	8M0173051	N/A	8M0173049	8M0042130	11- 52707Q 1
Mercury 40 CT - 300 HP FourStroke, high perf for vibration reduction	8M0101604	12-835467Q01	N/A	N/A	N/A	8M0042130	11- 52707Q 1
Mercury 40 CT - 300 HP For Use With Surfacing Propellers; Tempest Plus, Trophy Plus, & Fury	835257Q 6	12-835467Q01	835290Q 1	23-856163Q 1	826074Q 1	8M0042130	11- 52707Q 1
Mercury Racing Choppers & Cleavers for V-6 Outboards	835258Q 1	12-835467Q01	850821Q11	N/A	826074Q 1	8M0042130	11- 52707Q 1
Mercury 400+ Bravo I	835258Q 2	12-835467 5	850821Q2	849501	826074Q 1	8M0042130	11- 52707Q 1
Mercury V8 FourStroke & 350 - 400 Verado Outboards (1.25 in. Shaft)	8M0101603	N/A	N/A	N/A	N/A	N/A	12-840383A 2

Yamaha Flo-Torq

Application	Flo-Torq II Hub Kit	Forward Trust Washer	Drive Sleeve	Bushing	Aft Adaptor	Aft Spacer/ Washer	Nut	Cotter Pin
Yamaha 115, 130 HP (1984 and newer)	835271Q 2	12-853948T	835290Q 1	N/A	826074Q 1	12-850076	859939	18- 47959
Yamaha 50-100 HP	835272Q 1	12-853555	835290Q 1	N/A	826074Q 1	12-850076	859939	18- 47959
Yamaha 150-300 HP 4-Strokes, Including SHO	835274Q 1	12-853948T	835290Q 1	N/A	826074Q 1	12-887972	859939	18- 47959
Yamaha 150-300 HP 2-Strokes, HPDI, VMAX and 130-300 HP Sterndrives	835271Q 2	12-853948T	835290Q 1	N/A	826074Q 1	12-850076	859939	18- 47959
Yamaha 200-250 HP VMAX SHO 4-Strokes	8M0075402	23-8M0064826	835290Q 1	23-856163Q 1	826074Q 1	12-887972	859939	18- 47959

PROPELLER HARDWARE AND ACCESSORIES

Evinrude/Johnson/OMC & Volvo SX Flo-Torq

Application	Flo-Torq II Hub Kit	Forward Trust Washer	Drive Sleeve	Bushing	Aft Adaptor	Aft Spacer/ Washer	Nut	Cotter Pin
Evinrude/Johnson V-4	835266Q 1(1)	859915	835290Q1(Delrin)	N/A	834839Q	N/A	859929	18- 89961
Johnson 90-115 HP 4-Stroke	835283Q 1	12-888939	835290Q1(Delrin)	N/A	826074Q 1	12-887972	859939	18- 47959
Johnson 140 HP 4-Stroke Outboard	835283Q 2	12-835467008	835290Q1(Delrin)	N/A	826074Q 1	12-887972	859939	18- 47959
Evinrude/Johnson/OMC Sterndrives V-6, V-8 (1991 and newer)	8M0119081	12-835467008	835290Q1(Delrin)	N/A	834839Q	12-887972	8M0107489	18- 89961
Evinrude/Johnson 250 V-6 (2002 and newer)	8M0119081	12-835467008	835290Q1(Delrin)	N/A	834839Q	12-887972	8M0107489	18- 89961
Evinrude/Johnson/OMC Stern Drives V-6, V-8 (1990 and earlier)	8M0119082	12-835467Q01	835290Q1(Delrin)	N/A	834839Q	12-887972	8M0107489	18- 89961
OMC Cobra SX/Volvo SX (1994 and newer) (19 tooth spline)	8M0119083	12-835467008	835290Q1(Delrin)	N/A	850330Q	879143	8M0107489	18- 89961

(1) Use hub kit only with Quicksilver small labyrinth seal propellers: QA2202X thru QA2208X, QA 3828X thru QA3832X and QS5136X thru QS5144X.

Honda Flo-Torq

Application	Flo-Torq II Hub Kit	Forward Trust Washer	Drive Sleeve	Bushing	Aft Adaptor	Aft Spacer/ Washer	Nut	Cotter Pin
Honda 75-90 HP 1999 & Newer, 115-130 HP (all years)	835279Q 2	12-853359	835290Q1(Delrin)	N/A	826074Q 1	8M0042130	11- 52707Q 1	N/A
Honda 75-90 HP thru 1998	835277Q 1	12-835467Q01	835290Q1(Delrin)	N/A	826074Q 1	8M0042130	11- 52707Q 1	N/A
Honda 135-250 HP 4-Stroke	835278Q 1	12-888451	835290Q1(Delrin)	N/A	826074Q 1	12-887972	859939	18- 47959

Suzuki & Tohatsu/Nissan Flo-Torq

Application	Flo-Torq II Hub Kit	Forward Trust Washer	Drive Sleeve	Bushing	Aft Adaptor	Aft Spacer/ Washer	Nut	Cotter Pin
Suzuki 60 HP 4-Stroke (1998 and newer), 70 HP 4-Stroke (1998-2008), 75-140 HP 2-Stroke	835282Q 1(1)	12-854621	835290Q 1	N/A	834839Q	12-887972	859939	18- 47959
Suzuki 70-90 HP (2009 and newer)	835283Q03	12-8M0042329	835290Q 1	N/A	826074Q 1	12-887972	859939	18- 47959
Suzuki 90-115 HP 4-Stroke (2001-2008)	835283Q 1	12-888939	835290Q 1	N/A	826074Q 1	12-887972	859939	18- 47959
Suzuki 140 HP 4-Stroke, 100-115 HP 4-Stroke (2009 and newer)	835283Q 2	12-835467008	835290Q 1	N/A	826074Q 1	12-887972	859939	18- 47959
Suzuki 150-300 HP	835281Q 1	12-853359	835290Q 1	N/A	826074Q 1	12- 31211Q03	859939	18- 47959
Tohatsu/Nissan 60-140 HP	835284Q 1	12-853948T	835290Q 1	N/A	826074Q 1	12- 16140	11- 16147	18-815026

(1) Use hub kit only with Quicksilver small lybrinth seal propellers: QA2202X thru QA2208X, QA 3828X thru QA3832X and QS5136X thru QS5144X.

FLO-TORQ REFLEX HUB KITS

FLO-TORQ REFLEX HUB KIT



835257K12

Mercury/Mariner 40-60 HP FourStroke (not CT/BigFoot), 30 HP FourStroke 1994-2005, 30-60 HP 2-Stroke 1977 and newer, 25 HP CT/BigFoot, 55 HP SeaPro/Marathon, Yamaha 40-60 HP(Excluding 50T and 60T), Honda 40-50 HP with separately purchased 8M0046466 Thrust Washer.

Kit includes:
8M0047148 Drive Sleeve
835248 Thust Washer
8M0042293 Washer
86614 O-Ring
69578Q 1 Prop Nut Kit

FLO-TORQ REFLEX HUB KIT MERCURY

835257Q12

Kit includes: Forward thrust washer, Reflex drive sleeve (8M0047148), Aft Washer and Prop Nut (8M0045381).

Mercury/Mariner 40-60 HP FourStroke (not CT/BigFoot), 30 HP FourStroke 1994-2005, 30-60 HP 2-Stroke 1977 and newer, 25 HP CT/BigFoot, 55 HP SeaPro/Marathon, Yamaha 40-60 HP (Excluding 50T and 60T), Honda 40-50 HP with separately purchased 8M0046466 Thrust Washer, Suzuki 35-60 HP with separately purchased 8M0088039 Thrust Washer, Tohatsu 35-50 hp with separately purchased 8M0053074 Thrust Washer

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ REFLEX DRIVE SLEEVE



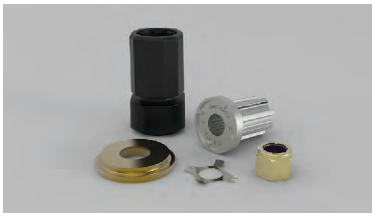
8M0047148

Plastic drive sleeve Flo-Torq Reflex Composite Drive Sleeve

FLO-TORQ II & SSR HUB KITS

Quicksilver Propellers can improve performance of any boat. Use the following section to find the proper hardware selection for your engine.

FLO-TORQ SSR HUB KIT MERCURY



8M0150152

Specifically designed with the new Mercury FourStroke V6 engine to virtually eliminate prop rattle and shift clunk, providing a quieter boating experience. Also works well on 75 - 150 horsepower FourStroke engines.

For use with current Mercury/Mariner FourStroke outboards 40 CT - 225 HP (1" prop shaft) Bravo One Sterndrives in general purpose applications.

40 HP - 60 HP CT FourStroke (All Years)
75 HP - 115 HP FourStroke (2014 and Newer)
150 HP FourStroke (2011 and Newer)
175 HP - 225 HP FourStroke (2018 and Newer)
Not for use with legacy Two or FourStroke outboards or Alpha One sterndrives

Kit includes:
8M0173051 Drive sleeve
8M0173049 Aft adapter
835467Q01 Thrust washer
8M0056234 Prop nut kit

FLO-TORQ SSR HD HUB KIT MERCURY



8M0101603

Contains: Drive sleeve 840383A 2 Prop nut and washer kit

For use with Mercury V8 FourStroke and 350-400 HP Verado outboards (1.25" prop shaft). For all applications.

FLO-TORQ SSR SOLID HUB KIT MERCURY



8M0101604

For use with Mercury/Mariner FourStroke outboards 40 CT - 300 HP (1" prop shaft) & Mercruiser Bravo One Sterndrives for high performance and surface-piercing applications.
Not for use with 2 stroke outboards or Alpha One sterndrives

Kit includes: Drive sleeve, aft adapter
835467Q01 Thrust washer
8M0056234 Prop nut kit

FLO-TORQ II HUB KIT MERCURY



835257K 1

835467 1 Forward thrust washer
879637 Plastic drive sleeve
826074Q1 Aft adapter with Tab Washer
827614 1 Prop nut

Mercury/Mariner 40-60 HP CT/Bigfoot, 70-300 HP, Verado, Force 90-120, MerCruiser Alpha & Bravo One (under 400 HP)

Mercury Precision Branded, Hanging Box Point of Sale Packaged.

835257Q 1

835467Q01 Forward thrust washer
835290Q 1 Plastic drive sleeve
826074Q1 Aft adapter with tab washer
8M0056234 Prop nut

Mercury/Mariner 40-60 HP CT/Bigfoot, 70-250 HP, Force 90-120 HP, Verado 150-300 HP, MerCruiser Alpha, Alpha One & Bravo One (under 400 HP)

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT WITH BUSHING MERCURY



835257K 6

835467 1 Forward thrust washer
879637 Plastic drive sleeve
856163A1 Bushing
826074Q1 Aft adapter with Tab Washer
827614 1 Prop nut

Typically used for the Fury, Tempest Plus, Trophy Plus, Revolution 4 & Bravo 1 in a surface piercing application.

Mercury Precision Branded, Hanging Box Point of Sale Packaged.

835257Q 6

835467Q01 Forward thrust washer
835290Q 1 Plastic drive sleeve
856163 1 Bushing
826074Q1 Aft adapter with tab washer
8M0056234 Prop nut

Typically used with high speed surface piercing applications. Propellers used in these applications are the Mercury Fury, Fury 4, Tempest, Rev 4, Bravo I and Quicksilver Q4.

Quicksilver Branded, Hanging Box Point of Sale Packaged.

PROPELLER HARDWARE AND ACCESSORIES

FLO-TORQ II SOLID HUB KIT MERCURY



835258K 1

Kit contains: Forward thrust washer (hardened), Steel (3 7/8 in.) drive sleeve, Aft adapter, Tab Washer & Prop nut

For use with Chopper, Cleaver, Lightning ET, Pro ET & old style Bravo I (with MerCruiser logo) propellers.

Mercury Precision Branded, Hanging Box Point of Sale Packaged.

835258Q 1

Kit contains: Forward thrust washer (hardened), Steel (3 7/8 in.) drive sleeve, Aft adapter, Tab Washer & Prop nut

For use with Chopper, Cleaver, Lightning ET, Pro ET & old style Bravo I (with MerCruiser logo) propellers.

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II SOLID HUB KIT MERCURY



835258K 2

Kit Contains: Forward thrust washer (hardened), Steel (3 5/8 in.) drive sleeve, Aft adapter, Tab Washer & Prop nut (1 in. Propshaft)

Standard length hub for use with the Fury, Tempest Plus, Mirage Plus, REV 4, Trophy Plus, Bravo I & Maximus propellers (Bravo One Sterndrive 400HP+, 1" prop shaft).

Mercury Propeller Branded, Hanging Box Point of Sale Packaged.

835258Q 2

Kit contains: Forward thrust washer (hardened), Steel (3 5/8) drive sleeve, Aft adapter, Tab washer & Prop nut

Standard length hub for use with Fury, Tempest Plus, Mirage Plus, REV 4, Trophy Plus, Bravo I & Maximus propellers (Bravo One Sterndrive 400HP+, 1" prop shaft).

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HD SOLID HUB KIT



840389K06

840382A02 Black snubber strip replacement kit
840383A 2 Prop nut and washer kit
8M0142084 HD Prop Hub Bushing Kit

For use with HD (Heavy Duty) 1.25" propshaft when installed on Sport Master, Torque I, Torque II, HD Fleet Master and Verado 5.25" gearcase and MerCruiser Bravo One XR or XZ, Sport Master and shorty Sport Master and Sport sterndrives.

FLO-TORQ II HD SOLID HUB KIT MERCURY

840389Q06

840382A02 Black snubber strip replacement kit
840383A 2 Prop nut and washer kit
8M0142084 HD Prop Hub Bushing Kit

For use with HD (Heavy Duty) 1.25" propshaft when installed on Sport Master, Torque, Torque II, HD Fleet Master, Verado 5.25" outboard gearcases, MerCruiser Bravo One XR or XZ, Sport Master, shorty Sport Master and Sport sterndrives.

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT HONDA



835277Q 1

835467Q01 Forward thrust washer
835290Q 1 Plastic drive sleeve
826074Q1 Aft adapter with Tab Washer
8M0056234 Prop nut

Honda outboards (75-90 HP thru 1998)

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT HONDA



835279Q 2

853359 Forward thrust washer
835290Q 1 Plastic drive sleeve
826074Q 1 Aft adapter
887972 Washer
859939 Prop Nut
88961 Cotter pin

Honda outboards (75-90 HP 1999-present, 115-130 HP)

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT HONDA



835278Q 1

888451 Forward thrust washer
835290Q 1 Plastic drive sleeve
826074Q1 Aft adapter
887972 Spacer
859939 Nut
89961 Cotter Pin

Honda 135, 150, 200, 225 and 250 HP 4-Stroke. Can be used with Mercury Racing propellers.

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT EVINRUDE E-TEC G2



8M0107220

835290Q 1 Plastic drive sleeve
826074Q1 Aft adapter
89961 Cotter pin

Evinrude E-TEC G2, 2014 AND NEWER

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT EVINRUDE & JOHNSON



835266Q 1

859915 Thrust washer
835290Q 1 Plastic drive sleeve
834839Q Aft adapter
859929 Nut
89961 Cotter pin

Evinrude & Johnson outboards (V-4 gearcase, 1968-present). For use with propellers that have cut down labyrinth seal.

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT



835283Q 1

888939 Fwd thrust washer
835290Q 1 Plastic drive sleeve
826074Q1 Aft adapter
887972 Washer
859939 Nut
89961 Cotter Pin

Johnson & Suzuki 90-115 HP 4-Stroke outboards

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT SUZUKI



835283Q 2

835467 1 Forward thrust washer
835257Q 1 Plastic drive sleeve
826074Q1 Aft adapter
887972 Washer
859939 Nut
89961 Cotter Pin

Johnson & Suzuki 140 HP 4-Stroke outboards

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT SUZUKI



835282Q 1

854621 Forward thrust washer
835290Q 1 Plastic drive sleeve
834839Q Aft adapter
854621 Washer
859939 Nut
89961 Cotter Pin

Suzuki 60 HP 4-Stroke (1998 and Newer) 70 HP 4-Stroke (1998-2008) 75-140 HP 2-Stroke

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT SUZUKI



835281Q 1

853359 Forward thrust washer
835290Q 1 Plastic drive sleeve
826074Q1 Aft adapter
31211A3 Washer
859939 Nut
89961 Cotter Pin

Suzuki 150-225 HP 2-Stroke Outboards and 150-250 HP 4-Stroke Outboards. Can be used with Mercury Racing propellers.

Quicksilver Branded, Hanging Box Point of Sale Packaged.

PROPELLER HARDWARE AND ACCESSORIES

FLO-TORQ II HUB KIT SUZUKI



835283Q03

8M0042329 Forward thrust washer
835290Q 1 Plastic drive sleeve
826074Q1 Aft adapter
887972 Washer
859939 Nut
89961 Cotter Pin

Suzuki 70-90 HP 2009 and Newer

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT TOHATSU



835284Q 1

853948 Forward thrust washer
835290Q 1 Plastic drive sleeve
826074Q1 Aft adapter
16140 Washer
16147 Nut
815026 Cotter Pin

Tohatsu/Nissan (70C, 90-140 HP)

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT EVINRUDE, JOHNSON AND OMC



8M0119081

835467008 Forward thrust washer
835290Q 1 Plastic drive sleeve
834899Q Aft adapter
89961 Cotter Pin

Evinrude/Johnson outboards and OMC stern drive (V6 & V8 gearcase, 1991 and newer including 150+ hp outboards and 2003 V6 with cresent gearcase. Caution! When installing stainless steel propellers, remove the anode to bearing carrier and check clearance before operation. Will not work with the OMC Cobra.

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT EVINRUDE, JOHNSON AND OMC



8M0119082

835467 1 Forward thrust washer
835290Q 1 Plastic drive sleeve
834899Q Aft adapter
89961 Cotter pin

Evinrude/Johnson, OMC stern drives (V-6 & V-8 gearcase, 1984-1990). Caution! When installing stainless steel propellers, remove the anode to bearing carrier and check clearance before operation.

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ HUB KIT OMC COBRA / VOLVO SX



8M0119083

835467 7 Forward thrust washer
835290Q 1 Plastic drive sleeve
850330Q Aft adapter
89961 Cotter Pin

OMC Cobra an Volvo SX stern drive 19-tooth spline 1996 & Newer. Caution! When installing stainless steel propellers, remove the anode to bearing carrier and check clearance before operation.

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT YAMAHA



835272Q 1

853555 Forward thrust washer
835290Q 1 Plastic drive sleeve
826074Q1 Aft adapter
850076 Spacer
859935 Nut
89961 Cotter Pin

Yamaha outboards (50-100 HP, splined forward thrust washer)

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT YAMAHA



835271Q 2

853948T Forward thrust washer
835290Q 1 Plastic drive sleeve
826074Q1 Aft adapter
850076 Spacer
859939 Nut
89961 Cotter Pin

Yamaha 150-300 HP HPDI 2-stroke outboards using a one piece thrust washer and all Yamaha stern drives

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT YAMAHA



8M0075402

8M0064826 Forward thrust washer
835257Q 1 Plastic drive sleeve
826074Q1 Aft adapter
887972 Spacer
859939 Nut
89961 Cotter Pin

115-250 HP VMAX SHO 4 stroke outboards using a two piece thrust washer.

Use part number 835274Q1 if OEM hub uses single piece thrust washer

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ III HUB KIT YAMAHA



835272Q09

853555 Forward thrust washer
881940A 1 Drive Sleeve Assembly
8M0061986 Aft adapter
850076 Spacer
859939 Nut
89961 Cotter Pin

Yamaha outboards (50-100 HP, splined forward thrust washer)

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ IV HUB KIT YAMAHA



835271Q09

853948 Forward thrust washer
896233A01 Drive Sleeve Assembly
8M0061986 Aft adapter
850076 Spacer
859939 Nut
89961 Cotter Pin

Yamaha outboards & stern drives (V-4 & V-6 gearcase, 1980-present), excluding the four stroke 225EFI.

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ II HUB KIT



835274Q 1

853948 1 Forward thrust washer
835290Q 1 Plastic drive sleeve
826074Q1 Aft adapter
887972 Spacer
859939 Nut
89961 Cotter Pin

150-300 HP 4 stroke outboards and 115-250 VMAX SHO outboards using OEM single piece thrust washer

Use p/n 8M0075402 for 115-250 VMAX SHO outboards using OEM two piece thrust washer

Quicksilver Branded, Hanging Box Point of Sale Packaged.

FLO-TORQ REFLEX DRIVE SLEEVE

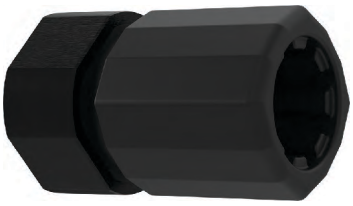


8M0047148

Plastic drive sleeve Flo-Torq Reflex Composite Drive Sleeve

PROPELLER HARDWARE AND ACCESSORIES

DRIVE SLEEVE



8M0173051

Drive sleeve for Flo-Torq SSR. Use only with aft adapter 8M0173049.
See Flo-Torq SSR hub kit for application information.
Quicksilver Branded, Hanging Box Point of Sale Packaged.

DRIVE SLEEVE



835290Q 1

Plastic drive sleeve Flo-Torq II
Quicksilver Branded, Hanging Box Point of Sale Packaged.

HUB ASSEMBLY WITH SLEEVE



850821Q11

Long, (3 7/8") with bushing (849501-1), included in steel hub kits
Stainless steel drive sleeve for A45/A55 P/N suffix (400 HP+) for use with Chopper, Cleaver, Lightning ET, Pro ET & Bravo I (with MerCruiser logo) propellers. Used with Mercury and selected Yamaha propshafts.
Quicksilver Branded, Hanging Box Point of Sale Packaged.

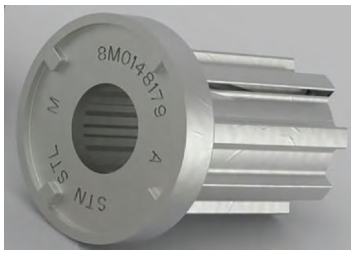
HUB ASSEMBLY WITH SLEEVE



850821Q12

Short, (3 5/8") with bushing (849501-1), included in steel hub kits
Stainless steel drive sleeve for A46/A47/A56 P/N suffix (400 HP+). Standard length hub for use with Tempest Plus, Mirage Plus, REV 4, Trophy Plus, Bravo I & Maximus propellers (Bravo One Sterndrive 400HP+, 1" prop shaft). Used with Mercury and selected Yamaha propshafts.
Quicksilver Branded, Hanging Box Point of Sale Packaged.

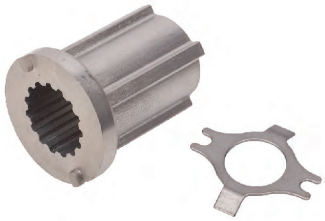
AFT ADAPTER



8M0173049

Adapter for use with only Flo-Torq SSR drive sleeve 8M0173051 (15 Spline)
See Flo-Torq SSR hub kit for application information.
Quicksilver Branded, Hanging Box Point of Sale Packaged.

AFT ADAPTER WITH TAB WASHER



826074Q 1

Adapter for use with Flo-Torq II plastic Drive Sleeve (15 Spline)
Kit contains: 8M0042201 (aft adapter) & 8M0204724 (tab washer)
Mercury 40 BigFoot - 250 HP outboards & MerCruiser Alpha and Bravo One Sterndrives, Honda 75 - 225 HP, Suzuki 90 - 140 4-stroke & 150 - 225 HP, Tohatsu/Nissan 40 - 140 HP, Yamaha 50 - 225 HP outboards (1" prop shaft).
Quicksilver Branded, Hanging Box Point of Sale Packaged.

AFT ADAPTER WITH TAB WASHER



8M0061986

Kit contains 8M0115120 (aft adapter) & 8M0204724 (tab washer)
Drive sleeve for use with Flo-Torq III and IV. (15 Spline) Includes pin style tab washer
Quicksilver Branded, Box Point of Sale Packaged.

AFT ADAPTER



834839Q

Adapter OMC, Suzuki V-4 (Flo-Torq II) 13 spline

AFT ADAPTER



834899Q

Adapter OMC V-6, V-8 outboard (Flo-Torq II) 15 Spline

HUB KIT



8M8022263

Double nut kit for use with Mercury Racing NXT1 sterndrives adapting Cleaver propellers.

AFT ADAPTER



850330Q

Adapter Volvo SX, 19 spline (Flo-Torq II)

BUSHING - PROP HUB



23-**849501Q 1**

Included in steel hub kits
(Flo-Torq II)

BUSHING - PROP HUB



23-**856163Q 1**

Forward bushing for Flo-Torq II drive sleeve
Typically used for Tempest Plus, Trophy Plus, Revolution 4 & Bravo 1 in a surface piercing application with Flo-Torq II.
Note, this bushing is included in Flo-Torq kit # 835257K6 / 835257Q 6.

BUSHING



23-**823516**

Blade bushing Power 2 shifting prop
Priced individually, sold @ multiples of 6

PROP BUSHING



23-**822974**

Prop Bushing.
Fits Mercury Racing Six and M8 Drive (thin wall).

PROP BUSHING



23-**8M0108472**

For Mercury Racing Cleavers with 1.25" propshaft.

PROPELLER HARDWARE AND ACCESSORIES

PROP BUSHING



8M0142084

For Mercury Racing 1.25 inch HD SOLID Hub.

PROP EXHAUST SEAL RING



878421

Will reduce ventilation when using Trophy Plus on a V-6 gearcase (prevents over/under exhaust).
Recommended on 200- 275 Verado when using Trophy Plus.

VENT CONTROL RING



8M0086395

Reduces ventilation when used with Pro Max propellers on 4.8" gearcase; also recommended to use on the Mercury 150 FS and 75 - 115 CT with Trophy Plus propellers. The vent control ring allows minimal exhaust to flow between gearcase and ring during planing. Place the ring chamfer side up on the floor, press the propeller into the ring.

RETAINING RING



53-**822975**

For Mercury Racing Six and M8 Drive prop bushing 822974.

53-**8M0108475**

For Mercury Racing Outboard Cleavers with 1.25" propshaft, bushing 8M0108472.

PROP REVERSE KIT



822559Q01

Prop reverse kit (6-15 HP 2-Stroke)
Priced individually, sold @ multiples of 2

SNUBBER STRIP KIT



840382A02

Snubber strips and double sided tape.
For use with Mercury Racing HD Hub Kit (840389Q06).

FLO-TORQ III HUB KIT YAMAHA



835272Q09

853555	Forward thrust washer
881940A 1	Drive Sleeve Assembly
8M0061986	Aft adapter
850076	Spacer
859939	Nut
89961	Cotter Pin

Yamaha outboards (50-100 HP, splined forward thrust washer)
Quicksilver Branded, Hanging Box Point of Sale Packaged.

ANODES

PROP NUT ANODE KIT



809664A 1

1-1/8 in. Shaft, 3/4 in. NF 16

Fits Mercury/Mariner 70 hp and higher outboards (except 225 EFI FourStroke); Also fits MC-I, R, MR, Alpha, Bravo One & TRS sterndrives (1970 & newer)

PROP NUT ANODE KIT



97-**809666A02**

Aluminum, For use in saltwater or freshwater.
1-3/8 in. Shaft, 1 in. NF 14

Fits Bravo III drives (s/n 0M179451 and below)

97-**809666A03**

Magnesium, For use in freshwater only.
1-3/8 in. Shaft, 1 in. NF 14

Fits Bravo III drives (s/n 0M179451 and below)

REPLACEMENT PROP NUT ANODE



97-**809662T**

2 in. Aluminum Anode Shell
Replacement Shell for 809662A 1

REPLACEMENT PROP NUT ANODE



97-**809666T**

2-5/16 in. Aluminum Anode Shell
Replacement Shell for 809666A 1and 809666A02

REPLACEMENT PROP NUT ANODE



97-**809670T**

2-1/2 in. Aluminum Anode Shell
Replacement Shell for 809670A 1

ANODIC PLATE



97- **76214Q 5**

Aluminum
Provides additional clearance for high rake propellers.

Fits Mercury/Mariner 35-300hp, Force 90 & 120hp 1995 and newer, MerCruiser Alpha One Gen II and Bravo I, II, III, X XR & XZ drives.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

DIFFUSER RINGS

DIFFUSER RING



68861T

Mercury/Mariner 25 (4-Stroke), 30-60 HP, Force 40-75 HP

DIFFUSER RING



68858T

Mercury/Mariner 41/4" gearcase current Black Max (75-125 HP)

DIFFUSER RING



45676T

Mercury/Mariner V-6, Alpha, Bravo I & TRS (current 43/4" gearcase propellers)

PROPELLER HARDWARE AND ACCESSORIES

DIFFUSER RING



54737T

MerCruiser Bravo II

DIFFUSER RING



42594T

OMC 9.9 - 15 HP

PROP NUT KITS

PROP NUT KIT



8M0192279

Kit includes locking prop nut, washer, anode and pin.

For use with Joystick Piloting for Outboards (JPO) for Single-Engine Pontoons propeller 8M0180533.

PROP NUT KIT



FA94094-2

819883 Prop nut
18-89961 Cotter pin
25-20195 O-Ring

Force 30, 40, 50

PROP NUT KIT



11- **13914Q02**

821932 1 Thrust washer, 23-42091 1 Spacer, 11-40140 Prop nut

Mercury/Mariner 6-15 HP 2-cycle, 9.9 hp FourStroke (1994-2004), 15 hp FourStroke (1994-2006), Force 9.9/15 hp 2-cycle 1998 & newer.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

PROP NUT KIT



13914Q03

Prop nut, thrust hub, cotter pin & washer

Fits the Mercury/Mariner 25 & 30 hp. EFI FourStroke outboards beginning with MY2006.

Priced individually, sold @ multiples of 2

PROP NUT KIT



803743Q01

803743 THRUST HOLDER
12-16140 2 WASHER
11-16147 1 PROP NUT
18-815026 4 COTTER PIN

Fits the Mercury / Mariner 9.9 HP BF FS/ Pro Kicker, 15/20 HP FS (9.9 Big Foot Model Year 2005 and Newer) (15/20 HP FS 2007 and Newer).

Priced individually, sold @ multiples of 2

PROP NUT KIT



803743Q02

8M0070811 THRUST HOLDER
12-16146 WASHER
11-16147 PROP NUT
18-815026 1 COTTER PIN

Mercury / Mariner 8/9.9 HP FS, (Model Year 2005 and Newer)

Priced individually, sold @ multiples of 2

PROP NUT KIT



11- 64075A 1

23-65439 Spacer
12-79552 Washer
11-8M0204653 Prop nut

Mercury/Mariner 200 (old 20 HP)

PROP NUT KIT

Image not Available.

11- 69578T 1

Kit includes a special locking nut and two tab washers.

For use on Mercury/Mariner 30-60 hp. outboard engines.

Priced individually, sold @ multiples of 2

Mercury Propeller Branded, Clamshell Package Point of Sale Packaged.

PROP NUT KIT



11- 69578Q 1

Kit includes a special locking nut and two tab washers.

For use on Mercury/Mariner 30-60 hp. outboard engines.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

HARDWARE KIT



8M0088039

Adapts 40-60 HP Black Diamond, Nemesis, and Silverado propellers with Flo-Torq Reflex Hubs to fit Suzuki 35-65 HP engines. Kit contains both forward and aft washers.

HARDWARE KIT



8M0053074

Adapts Mercury 30-60 HP Black Max, Trophy Sport & Vengeance propellers with Flo-Torq Reflex Hubs to fit Tohatsu 40-50 HP engines. Kit contains both forward and aft washers.

PROP NUT KIT



11- 31990K02

73345A1 Front thrust washer, 14-76281 Tab washer, 11-69578Q1 Prop nut

Mercury/Mariner 30/40 HP (1989 to present), 50-60 HP (1991 to present, excluding Bigfoot), Force 40-50 HP (1995 & newer), Force 70 HP (1991 & newer), Force 75 HP (1996). Rubber hub propellers only. Purchase this hardware kit to complete install of a rubber hub propeller when propeller hardware is not included with engine.

Priced individually, sold @ multiples of 2

Mercury Propeller Branded, Clamshell Package Point of Sale Packaged.

11- 31990Q02

73345A1 Front thrust washer, 14- 8M0214942, Tab washer, 11-69578Q1 Prop nut

Mercury/Mariner 30/40 HP (1989 to present), 50-60 HP (1991 to present, excluding Bigfoot), Force 40-50 HP (1995 & newer), Force 70 HP (1991 & newer), Force 75 HP (1996). Rubber hub propellers only. Purchase this hardware kit to complete install of a rubber hub propeller when propeller hardware is not included with engine.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

PROPELLER HARDWARE AND ACCESSORIES

PROP NUT KIT



11-827614Q01

12-835467 1 Front thrust washer, 13-42351 1 Continuity washer, 12-31211A3 Washer, 14-816629Q Tab washer, 11-52707Q1 Prop nut

Mercury/Mariner 70 HP+ (non Flo-Torq II)

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

PROP NUT KIT



11-827614Q04

13191A1 Front thrust washer, 14-816629Q Tab washer, 11-52707Q1 Prop nut

For Aft-Installed Rubber Hub Props: Fits Mercury/Mariner 70-140 (Inline 6 cyl. 1977 and newer), Mercury/Mariner 60 HP BigFoot and 75-125 HP (1987 & newer) 2-cycle outboards, Force 90-120 HP (1995 & newer) 2-cycle outboards.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

PROP NUT KIT



12-840383A 2

Kit includes locking prop nut, 1.5 in. washer, 1.5 in. cupped belleville washer & 1 13/16 in. spacer.

For use with HD (Heavy Duty) 1.25" propshaft when installed on Sport Master, Torque Master I and II, Fleet Master and Verado 5.25" gearcase and MerCruiser Bravo One XR or XZ, Sport Master and shorty Sport Master Bravo I XR Sport sterndrives. Tighten propeller nut to 55 lb-ft (75Nm).

PROP NUT KIT



11-8M0056235

Tab washer and nut

Mercury outboards 75 HP and up and Mercruiser Alpha and Bravo 1 sterndrives

Mercury Precision Branded, Clamshell Package Point of Sale Packaged.

11-8M0056234

Tab washer and Nut

Mercury/Mariner 40-60 HP CT/Bigfoot, 70-250 HP, Force 90-120, Verado 150-300 (1" prop shaft) & Mercruiser Alpha and Bravo One (under 400HP)

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

PROP NUT KIT



11- 52707T 1

Kit includes a special locking nut and two tab washers.

For use on Mercury/Mariner 75 hp. and higher outboard engines (except 225 EFI FourStroke) and for use on MerCruiser Alpha One and Bravo I drives.

Priced individually, sold @ multiples of 2

Mercury Propeller Branded, Clamshell Package Point of Sale Packaged.

11- 52707Q 1

Two tab washers and Nut

For use on Mercury/Mariner 75 HP and higher outboard engines (except 225 EFI FourStroke) and for use on MerCruiser Alpha One and Bravo I drives.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

PROP NUT KIT



11-827614A 3

14359 Front thrust washer
12-31211A3 Washer

Bravo 1 (four blade stainless prop) & Mirage Plus (A50) solid hub (not Flo-Torq II)

PROP NUT KIT



802002Q 1

Fits all Johnson/Evinrude 20, 25, 30 & 35 HP 1976-2000 except 1991 25 HP DR, DE and DT International models.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

PROP NUTS

PROP NUT



11-**826711 12**

Power 2 Shifting Prop

Priced individually, sold @ multiples of 2

PROP NUT



11-**F7048**

Force 60, 85-150 (single exhaust)

Priced individually, sold @ multiples of 2

PROP NUT

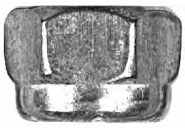


11-**826709 11**

Mercury 3.9, 3.6, 39, 40, 60, 110

Priced individually, sold @ multiples of 5

PROP NUT



11-**8M0204653**

7/16-20, nylon insert

For MCM inner transom studs and prop nut for Mercury 39, 60 (1968 & newer, 8 spline)

Priced individually, sold @ multiples of 10

PROP NUT



11- **16147**

Fits Mercury 4 & 5 HP, and fits the 8/9.9 hp. FourStroke standard gearcase outboards (Model Year 2005 & newer).

PROP NUT



11- **40140**

Mercury/Mariner 5-15 HP outboards using a Brass propnut with M10x1.5 threads and nylon insert.

Priced individually, sold @ multiples of 2

PROP NUT



11- **88228**

A special molded nylon propnut fitting the 18/20/25 Hp. 2-cycle Mercury/Mariner outboards (1980 & newer), and the F9.9/15, 323cc BigFoot FourStroke outboards.

Priced individually, sold @ multiples of 2

PROPELLER HARDWARE AND ACCESSORIES

PROP NUT KIT



11- **64075A 1**

23-65439 Spacer
12-79552 Washer
11-8M0204653 Prop nut
Mercury/Mariner 200 (old 20 HP)

PROP NUT



11- **46335**

Mercury/Mariner 18-25 HP (1980-present)

PROP NUT



11-**862907**

Bravo Three (rear), Bravo Four S (front), Zeus (rear)
Use 1-7/16 in. socket

PROP NUT



11-**8M0105210**

Bravo Three (front), Bravo Four S (rear), Zeus (front)
Use prop wrench 91-805457T1

PROP NUT



11-**826711 27**

12-39817 Prop washer
For use with Bravo II and Mercury Racing Six Drive

PROP NUT



859929

OMC 40-140 HP V-4 (OEM P/N 314053)

PROP NUT

Image not Available.

8M0214972

SHEAR PINS

SHEAR PIN KIT



FA324101

17-820150 Shear Pin (3)18-45882 Cotter Pin
Force 4-15 HP

SHEAR PIN



17-**815111Q02**

Fits the Mercury/Mariner/Force 2/2.5/3/3.3hp 2-cycle and 2/2.5/3.5hp FourStroke outboards. Visit the prop charts or parts catalogs for proper matching selections.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

COTTER PINS

PIN COTTER

Image not Available.

18-**8M0214988**

COTTER PIN



18-**815026**

Fits Mariner 9.9C (682) 15C (684), and fits Mercury/Mariner 8/9.9 hp. FourStroke standard gearcase outboards (Model Year 2005 & newer).

Priced individually, sold @ multiples of 5

COTTER PIN



18- **95295Q**

Thruster (R, RL, RX, T series) Mariner 30 (689B)

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

SPACERS

SPACER



23- **42091 1**

Mariner 9.9-15 HP

SPACER



12-**850076**

Yamaha 60-250 HP, includes sterndrives (Flo-Torq II)

SPACER



12- **29710**

Cupped Washer, 40HP Big Foot - old V6

Priced individually, sold @ multiples of 3

SPACER



12- **54738**

Cupped Washer, Bravo II

PROPELLER HARDWARE AND ACCESSORIES

SPACER



12- **55072**

Cupped Washer, Bravo II

WASHERS

WASHER



12- **31211K03**

Fits following product with rubber hub propellers (non-Flo-Torq II): Mercury/Mariner 135-275 (V-6, 2-cycle) and Alpha, Bravo I (w/o Flo-Torq II Hub).

Priced individually, sold @ multiples of 2

Mercury Propeller Branded, Peg Display Card Point of Sale Packaged.

12- **31211Q03**

Fits following product with rubber hub propellers (non-Flo-Torq II): Mercury/Mariner 135-275 (V-6, 2-cycle) and Alpha, Bravo I (w/o Flo-Torq II Hub).

Priced individually, sold @ multiples of 2

Quicksilver Branded, Peg Display Card Point of Sale Packaged.

WASHER



12- **20084**

Mercury 39, 60, 110 (1967 & older, 6 spline)

Priced individually, sold @ multiples of 5

WASHER



12- **27025**

Mercury 39, 60, 65, 110

Priced individually, sold @ multiples of 5

WASHER



12- **16146**

Fits Mercury 4 & 5HP, and fits the 8/9.9 hp. FourStroke standard gearcase outboards (Model Year 2005 & newer).

WASHER



12- **39701**

Bravo I

WASHER



12- **55073A 2**

Bravo II

WASHER



12- **39817**

For use with Mercury Racing Six Drive prop shaft.

WASHER



12-**887972**

Washer

Evinrude/Johnson V6 Outboards and Sterndrives 1991 and newer, Yamaha 150-300 HP 4-Stroke outboards and Honda outboards 75-225HP

Priced individually, sold @ multiples of 2

CONTINUITY WASHER



13- **42351 1**

Mercury/Mariner 135-275 V-6, Alpha, Bravo I, (w/o Flo-Torq II Hub)

Priced individually, sold @ multiples of 2

TAB WASHERS

TAB WASHER

Image not Available.

14-**8M0214942**

TAB WASHER

Image not Available.

8M0204724

Tab Washer, .770

TAB WASHER



14-**816629K**

Included in steel hub kits

Mercury/Mariner 40-60 hp FourStroke BigFoot, 75-250 hp 2-cycle, Alpha & Bravo I

Priced individually, sold @ multiples of 2

Mercury Propeller Branded, Peg Display Card Point of Sale Packaged.

14-**816629Q**

For Mercury/Mariner 40-60 hp FourStroke BigFoot, 75-300 hp 2-stroke and 4-stroke outboards, Alpha and Bravo I sterndrives using a bronze drive sleeve adapter.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Peg Display Card Point of Sale Packaged.

TAB WASHER



14- **34817**

Bravo II

THRUST WASHERS

THRUST WASHER



73345A 1

For use with 3 blade stainless steel - Cleaver or Chopper II

Fits Mercury 40-60 standard gearcase. Use with rubber props only - do not use with Flo-Torq Reflex propellers.

PROPELLER HARDWARE AND ACCESSORIES

THRUST WASHER



16145Q01

Mercury 4-5 HP

Priced individually, sold @ multiples of 2

Quicksilver Branded, Peg Display Card Point of Sale Packaged.

FORWARD THRUST WASHER



8M0131240

Fits the standard prop on the Mercury/Mariner 8/9.9 hp. FourStroke standard gearcase outboards, Model Year 2005 & newer.

THRUST WASHER



23- **85964A 1**

Mercury 200 (old 20 HP)

THRUST WASHER



858498

For use with 3 blade stainless steel - Cleaver & Chopper II

Fits Mercury 20-25

THRUST WASHER



73345A 1

For use with 3 blade stainless steel - Cleaver or Chopper II

Fits Mercury 40-60 standard gearcase. Use with rubber props only - do not use with Flo-Torq Reflex propellers.

THRUST WASHER



38859A 1

Mercury 350-700 (old 35-75 HP)

THRUST WASHER



13191K01

Flat type

Fits 75 - 125 hp outboards with rubber hub props
Fits 40-60 hp FourStroke BigFoot

Priced individually, sold @ multiples of 2

Mercury Propeller Branded, Peg Display Card Point of Sale Packaged.

13191Q01

Flat type

Fits 75 - 125 hp outboards with rubber hub props
Fits 40-60 hp FourStroke BigFoot
Rubber Hub Chopper

Priced individually, sold @ multiples of 2

Quicksilver Branded, Peg Display Card Point of Sale Packaged.

THRUST WASHER



14359

Mercury/MerCruiser A50 solid hub & Power 2

THRUST WASHER



12-835467K01

Fits the following product when used with Flo-Torq II hub propellers:

Mercury/Mariner 40-60 hp BigFoot FourStroke
Mercury/Mariner 75-125 hp 2-cycle and FourStroke
Mercury/Mariner 135-275 hp 2-cycle
Force 75 hp (1999) & 90-1150 hp (1995 and newer)
Mercury MerCruiser Alpha and Bravo I sterndrives
Evinrude/Johnson V-6 outboards 1990 and prior
OMC sterndrives V-6 & V-8 gearcases 1984-1990
Honda 75-90 hp outboards 1998 and prior
Suzuki 140 hp 4-stroke outboards

Caution should be exercised to assure the correct thrust hub is matched with the prop in use. Used with Flo-Torq II & III Delrin (plastic) hub kit propellers.

Priced individually, sold @ multiples of 2

Mercury Propeller Branded, Peg Display Card Point of Sale Packaged.

12-835467Q01

Fits the following product when used with Flo-Torq II hub propellers:

Mercury/Mariner 40-60 hp BigFoot FourStroke
Mercury/Mariner 75-125 hp 2-cycle and FourStroke
Mercury/Mariner 135-275 hp 2-cycle
Force 75 hp (1999) & 90-1150 hp (1995 and newer)
Mercury MerCruiser Alpha and Bravo I sterndrives
Evinrude/Johnson V-6 outboards 1990 and prior
OMC sterndrives V-6 & V-8 gearcases 1984-1990
Honda 75-90 hp outboards 1998 and prior
Suzuki 140 hp 4-stroke outboards

Caution should be exercised to assure the correct thrust hub is matched with the prop in use. Used with Flo-Torq II & III Delrin (plastic) hub kit propellers.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Peg Display Card Point of Sale Packaged.

THRUST WASHER



12-835467 5

Front, included in steel hub kits

Mercury/MerCruiser A55 & A56 solid hub applications (Flo-Torq II)

THRUST WASHER



55074T

Bravo Two (front)

THRUST WASHER



805100

Bravo Three (front), Bravo Four S (rear), Zeus (front)

THRUST WASHER



805101T

Bravo Three (rear), Bravo Four S (front), Zeus (rear)

THRUST WASHER



12-8M0046466

Adapts Mercury 30-60 HP Black Max, Trophy Sport & Vengeance propellers with Flo-Torq Reflex Hubs to fit Honda 40-50 HP engines.

PROPELLER HARDWARE AND ACCESSORIES

THRUST WASHER



835278A 1

Adapts Mercury 30-60 HP Black Max, Trophy Sport & Vengeance Rubber Hub props to Honda 40-50 HP & Nissan/Tohatsu 40-50 HP

THRUST WASHER



12-853359

Honda 75-90 HP (1999-present), 115-130 HP (1998-present) Suzuki V-6 (Flo-Torq II Hub)

THRUST WASHER



12-888451

Forward Thrust Washer
Honda 135-225 HP outboards

THRUST WASHER



859915

OMC 45, 60, 70 HP V-4 (OEM P/N 127084/318841)

THRUST WASHER



12-835467 7

OMC V-6, V-8 outboard, 1991-present (Flo-Torq II)

THRUST WASHER



12-854621

Suzuki V-4 (Flo-Torq II)

THRUST WASHER



12-853948T

Tohatsu/Nissan 75-140 HP (Flo-Torq II)

THRUST WASHER



12-853555

Yamaha 60-90 HP (Flo-Torq II)

THRUST WASHER



23-**8M0064826**

Yamaha 200-250 SHO Adapts to Yamaha two piece thrust washer

TRIM TABS

TRIM TAB



97- **31640Q 4**

Aluminum

Fits most Mercury/Mariner outboards 30 hp through 200 hp and all MerCruiser except Bravo. Check for adequate propeller clearance prior to operation.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

TRIM TAB ANODE



97-**822777Q 1**

Aluminum

For applications where extra clearance is required for high rake propellers.

Fits most Mercury/Mariner 35 hp and above, Force 90/120 (1995 and newer), and all Mercury MerCruiser engines.

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

ANODIC PLATE



97- **76214Q 5**

Aluminum

Provides additional clearance for high rake propellers.

Fits Mercury/Mariner 35-300hp, Force 90 & 120hp 1995 and newer, MerCruiser Alpha One Gen II and Bravo I, II, III, X XR & XZ drives.

Priced individually, sold @ multiples of 2

Quicksilver Branded, Clamshell Package Point of Sale Packaged.

RUBBER HUBS

RUBBER HUB



8M0054769

Rubber Hub Mercury/Mariner 9.9 BF, 15/20HP 4Stroke
9.9HP Bigfoot Model Year 2005 and Newer
15/20HP Model Year 2007 and Newer

897453T

Rubber Hub Mercury/Mariner 8-9.9 HP FourStroke
2005 and Newer

RUBBER HUB



897001T

Rubber Hub Mercury/ Mariner 25/30HP 4-Stroke
Model Year 2006 and Newer

PROPELLER HARDWARE AND ACCESSORIES

RUBBER HUB



42630 1

2-3/16" long, 8 splines
Mercury 7.5 & 9.8 HP (1968-84)

RUBBER HUB



827598T

Mercury 9.9-15 HP 2-Stroke, 9.9 HP FourStroke 1995-2004, 15 HP FourStroke (Thru 2007)

RUBBER HUB



19669T

Mercury 20-25 HP

RUBBER HUB



859173

Mercury 40-60 HP BigFoot Engines 15 Tooth Spline 60HP Maximum

RUBBER HUB



92418

Mercury 28, 28A, 200, 250 series

RUBBER HUB



43676T

3-3/8" long, 13 splines
Mercury 402, 500, 700 series (1977-85) Mercury 30-60 HP

RUBBER HUB



17611T

Mercury 80-140 HP (1978 & later in-line motors) Stainless steel applications

RUBBER HUB



43615T 1

OB front insertion 4" long, 15 splines
Mercury 150-200 HP (1978 & later V-6) aluminum, ET, Chopper and Outboard Cleaver

RUBBER HUB



43672

OB rear insertion

Mercury Stainless steel Chopper & Lightning ET propeller hub

RUBBER HUB



88437

MerCruiser 1A, 1B, 1C, 120, 140, 175, 888, 225S, 233, 255TRS & 80 TRS

RUBBER HUB



43636T

4-5/8" long, 19 splines

MerCruiser TR215, Bravo II

SKEGS

REPLACEMENT SKEG



15985A02

Precision die cast 360XK alloy for stronger, more uniform welds.

Fits Mercury / Mariner 50/55/60 Bigfoot (3 cyl.), 70/75/80/90 (USA 0A996142 and Newer, BEL 9483121 and Newer), 100/115/125 (0B209468 and Newer), Force 90/120 (s/n 0E093700 and Newer) and 75/90/115 FourStroke (1B366823-2B094955).

REPLACEMENT SKEG



815632A02

For MCM Bravo One & Bravo Three drives

REPLACEMENT SKEG



859447A 1

Precision die cast 360XK alloy for stronger, more uniform welds.

Fits Mercury / Mariner 75/80 (4 cyl.), 90/115 (6 cyl.) and most V-6 outboard models including 2.5L OptiMax. Has adequate depth for the 3.0L models but is not an exact silhouette of the original skeg.

REPLACEMENT SKEG



90185A 1

Will not fit original Alpha One drives

For MCM Alpha One Gen II drives (s/n 0D469859 and above)

REPLACEMENT SKEG

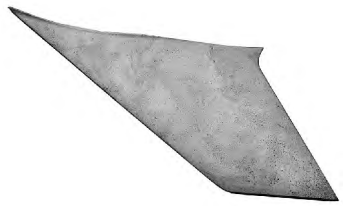


806688A02

For MCM Bravo Two drives

PROPELLER HARDWARE AND ACCESSORIES

REPLACEMENT SKEG



898245A01

Fits Verado outboards, 135 through 300 hp. and 3.0L gearcases that have a 4.80 inch diameter torpedo.

REPLACEMENT SKEG



8M0060147

Pecision die cast 360XK alloy for stronger, more uniform welds.

Fits the Mercury/Mariner F150 hp. EFI FourStroke 4 cylinder outboard, and the F75-115 hp. (2.1L) FourStroke Command Thrust outboard serail number 2B094996 and above..

REPLACEMENT SKEG



8M0052924

Precision die cast 360XK alloy for stronger, more uniform welds.

Fits the Verado and 3.0L gearhousings with a 5.44 inch diameter torpedo.

PERFORMANCE VENT PLUGS

VENT PLUG



19220A 4

R/H Laser II props (Old style A41, A45 P/N suffix)

VENT PLUG



816318A 4

L/H Laser II props (Old Style A41, A45 P/N suffix)

VENT PLUG



19-824431

Used with Large tube Trophy (A41, A45 P/N suffix), replaces 19-32652A1 (welch plug)

Priced individually, sold @ multiples of 4

VENT PLUG

Image not Available.

19-8M0214985

PVS VENT FITTING



19-889725T28

Small PVS plug (.280/7mm) (A46, A47, A48 P/N suffix).

Priced individually, sold @ multiples of 5

PVS VENT FITTING



19-889725T35

Medium PVS plug (.350/9mm)

Priced individually, sold @ multiples of 5

PVS VENT FITTING



19-**889725047**

Large PVS plug (.470/12mm)(A46, A47, A48 P/N suffix)
Superseded from 19-856622 47
Priced individually, sold @ multiples of 5

STAINLESS STEEL IMPELLERS

OUTBOARD JET IMPELLER



47-**855708T25**

Mercury/Mariner 20/25 HP

OUTBOARD JET IMPELLER



47-**855708T40**

Mercury/Mariner 30/40 HP (3 cyl)
Force 50 HPS
OMC 40 HP
Yamaha (3 cyl) 40 HP
Suzuki (2 cyl) 40 HP
Tohatsu/Nissan (3 cyl) 40/50 HP

OUTBOARD JET IMPELLER



47-**855708T60**

Mercury/Mariner 45/60 HP
OMC 50/70 HP
Yamaha 48
Suzuki 65 HP

OUTBOARD JET IMPELLER



47-**855708115**

Mercury/Mariner 65/90 HP
Mercury/Mariner 80/115 HP
OMC 110/140 HP
Suzuki 115/140 HP

OUTBOARD JET IMPELLER



47-**803985T**

Mercury/Mariner 140/200 HP

SPORTJET IMPELLER



47-**828989T 1**

90 jet (splined) 1993-1995
95 XR jet 1996-1997
120 jet 1995
120 XR jet 1996-1998

SPORTJET IMPELLER

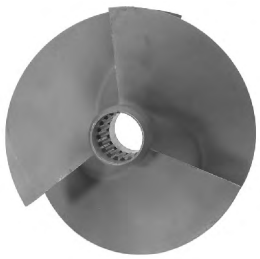


47-**854670T**

120 XR2 jet 1999-2000

PROPELLER HARDWARE AND ACCESSORIES

SPORTJET IMPELLER



47-**835452T**

175 XR2 jet 1997-2000

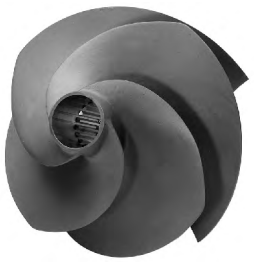
SPORTJET IMPELLER



47-**877326T**

M2 jet drive 210 carb model 2000
M2 jet drive 240 EFI model 2000

SPORTJET IMPELLER



47-**883796T01**

High skew impeller developed to provide improved holding or reduced cavitation during acceleration and in turns. This impeller will produce an additional 75 RPM's on top end in most cases. When used in the 250 application the REV limiter may be activated more often than with the standard 4 blade impeller.

Fits the 175, 200, 210, 240 & 250 Jet Drive.

TOOLS

PLUG WRENCH/SCREW TOOL



91-**8M0026088**

Plug Wrench/Screw Tool

PROPELLER NUT TOOL

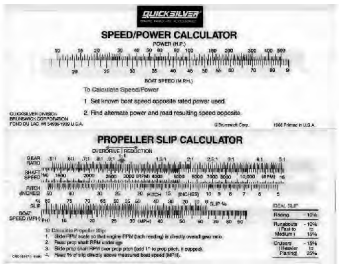


91-**805457T 1**

For removal and installation of inner/front propeller nut.

Bravo Three

PROP SLIP CALCULATOR



90- **86147A 1**

Used to calculate the slip percentage of a boat

PROPELLER BLOCK



91-**8M0129072**

Hands free propeller block. Attach the propeller block to the anti-ventilation plate to stop the propeller from rotating while removing the propeller nut.
Similar in size to a Flo-Torq II drive sleeve, it is compact and lightweight to keep in the boat for quick access.
Works with all sterndrive and outboard applications

Priced individually, sold @ multiples of 2

Quicksilver Branded, Peg Display Product Point of Sale Packaged.

BRAVO THREE PROPELLER WRENCH



91-**8M0129074**

Double ended wrench that fits both of the MerCruiser Bravo Three nuts for propeller removal and installation. Powder coated finish, durable steel construction.

MerCruiser Bravo Three

FLOATING PROP WRENCH



91-859046M 1

Fits 9/16" Nut (Purple) Fits Mercury/Mariner 6,8,9.9 & 15 HP.
Mercury Propeller Branded, Peg Display Product Point of Sale Packaged.

91-859046Q 1

Fits 9/16" Nut, Purple (Mercury / Mariner 6,8,9.9 &15 HP)
Quicksilver Branded, Peg Display Product Point of Sale Packaged.

FLOATING PROP WRENCH



91-859046M 2

Fits 13/16" Nut (Green) Fits Mercury/Mariner 20, 25 HP Johnson/Evinrude 9.9,15,20,30 HP.
Mercury Propeller Branded, Peg Display Product Point of Sale Packaged.

91-859046Q 2

Fits 13/16" Nut, Green (Mercury / Mariner 20 & 25 HP) (Johnson / Evinrude 9.9,15,20 & 30 HP)
Quicksilver Branded, Peg Display Product Point of Sale Packaged.

FLOATING PROP WRENCH



91-859046M 3

Fits 15/16" Nut (Orange) Fits Mercury/Mariner 30,40,50&60 HP.
Mercury Propeller Branded, Peg Display Product Point of Sale Packaged.

91-859046Q 3

Fits 15/16" Nut Orange (Mercury / Mariner 30,40,50 & 60 HP)
Quicksilver Branded, Peg Display Product Point of Sale Packaged.

FLOATING PROP WRENCH



91-859046M 4

Fits 1-1/16" Nut (Yellow) Fits MOST sterndrives and V4/V6 Outboards.
Mercury Propeller Branded, Peg Display Product Point of Sale Packaged.

91-859046Q 4

Fits 1-1/16" Nut, Yellow (Fits most sterndrives / 4 cylinder & larger outboards)
Quicksilver Branded, Peg Display Product Point of Sale Packaged.

PROP STOW



845263A 1

6 in.(152 mm) hub, for use with 15 inch to 18 inch sterndrive Clever propellers

PROP STOW



847314A 1

4 in.(102 mm) hub, for use with Bravo I, ECO, Max 5, Maximus, Mirage , etc.

MERCURY RACING PROPELLER ACCESSORIES

PROP STOW



847314A 1

4 in.(102 mm) hub, for use with Bravo I, ECO, Max 5, Maximus, Mirage , etc.

PROPELLER HARDWARE AND ACCESSORIES

PROP STOW



845263A 1
6 in.(152 mm) hub, for use with 15 inch to 18 inch sterndrive Clever propellers

RACING CNC CLEAVER PROPELLER HARD CASE



94-8M0128091
Durable case to protect Mercury Racing Outboard 5 Blade Cleaver

94-8M0107970
Durable case to protect Mercury Racing Sterndrive 5 Blade Cleaver

MARINE GREASE

Quicksilver 2-4-C Marine Grease with PTFE is a high quality, extremely versatile lithium-based, NLGI 2 grease that won't break down when mixed with water. It also has:
• Excellent resistance to oxidation and degradation
• Extreme pressure additives to withstand friction in a wide variety of operations and temperatures
Replaces Quicksilver Special 101 Lubricant part number 92-802865Q02

For use in the following marine applications:
• Steering systems/cable linkages
• Throttle and shift cables and linkages
• Remote controls
• Prop shafts
• Swivel pins
• Tilt lock mechanisms/tilt tube
• Hinge pins
• Boat trailer wheel bearings

2-4-C MARINE LUBRICANT



92-8M0208464
85 g (3 oz) tube

2-4-C MARINE LUBRICANT & CARTRIDGE GUN



92-8M0213123
Cartridge gun and one 3 oz.(85 g) cartridge.

2-4-C MARINE LUBRICANT



92-8M0208465
2-4C grease with Teflon
227 g (8 oz) tube

2-4-C MARINE LUBRICANT



92-8M0208463
Fits standard 14 oz grease guns
397 g (14 oz) cartridge

PAINTS

EDP PROPELLER BLACK PAINT



92-8M0133931
340 g (12 oz) spray can

POINT OF PURCHASE MARKETING MATERIAL

MERCURY PROPELLER DISPLAY



93-**8M0140357**

Individual marketing display for Mercury propellers.

MERCURY PROPELLER DISPLAY



93-**8M0085506**

Height: 2m – Round foot
Diameter: 49cm - Triangle shaped frame in black epoxy paint
- 9 Propeller holders to expose maximum 9 propellers, rubber grips on top surface to avoid propellers to get released
- 6 large propeller holders for 30HP propellers and up (For propeller hub lengths)
- 3 medium propeller holders for 30HP propellers and up (For propeller hubs lengths 5 ¼ inch – 6 ½ inch)
- 9 propeller info sheet holders – 13 Mercury propeller info sheet cards attached with key features
- 3 Polystyrene header cards with Mercury propeller logo

PROPELLER DISPLAY 2



93-**8M0088786**

Base: 25mm E2 grade MDF (black with branding) · 25,4mm *1.5mm round tube · Ø6/3mm wire · 1mm PVC graphics · 4 gliders (display feet will stay off the floor) · FINISHING: MDF with double side melamine; black powder coat
COLOR: black/custom · SIZE: 0,76m diameter base x 1,67m height · Includes a two-spot color printed base, four color process headers, four color process graphics on each propeller info plate · 9 Propeller holders to expose 9 propellers · 9 Mercury propeller cards with key features of:
Aluminium: Black Max / Spitfire
Stainless steel propellers: Mirage / Enertia / Vengeance / Bravo I / Revolution 4 / Tempest Plus / Fury

Important: Grid package 8A0088786 (1x) needs to be purchased together with each display 8M0088786

Notes:

TABLE OF CONTENTS

Quicksilver Inflatables 880

Quicksilver Inflatable Boats 880

Inflatable Accessories 888

Air Pumps and Gauges 890
Boat Bags 890
Consoles 888
Repair Kits 890
Seat Bags/Cushions 890
Seatbenches 889

QUICKSILVER INFLATABLES

For over 65 years Mercury Marine has maintained the standard of excellence in marine products. As the second-largest inflatable boat company in the world, Quicksilver Inflatables continues this commitment to quality by building durability, value and the Mercury reputation into every model.

Quicksilver Inflatables are available in PVC and feature reinforced-seam construction, fabric with a tight-weave non-stretch polyester core and stainless steel hardware. Whatever your boating needs, Quicksilver Inflatables offer lightweight portability, reassuring stability, quick setup and easy operation in a full range of styles and sizes.

So whether you are exploring a new coastline, diving in the Caribbean, or just need a dingy Quicksilver Inflatables has a boat to meet your needs.

QUICKSILVER INFLATABLE BOATS

200 TENDY SLATTED



A-AA200059N

Tendy. Light, compact and reliable. The most practical for beaching.

- 0,7mm white PVC
- Large black rubbing strake
- Adjustable bench seat
- Slatted Floor
- Tow D-rings
- External lifeline
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars

Length (m) 2.0
Width (m) 1.34
Diameter tube (cm) 36
Weight (kg) 16.8
Max. persons 2
Max. hp 3.5
Short shaft
Packing size (cm) 93 x 47 x 20

200 TENDY AIR FLOOR



A-AA200060N

Tendy. Light, compact and reliable. The most practical for beaching.

- 0,7mm white PVC
- Large black rubbing strake
- Adjustable bench seat
- Air Floor
- Large adjustable nylon strap for holding fuel tank
- Inflatable keel for better performance
- Keel protection
- Tow D-rings
- External lifeline
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars

Length (m) 2.0
Width (m) 1.34
Diameter tube (cm) 36
Weight (kg) 21.8
Max. persons 2+1
Max. hp 3.5
Short shaft
Packing size (cm) 93 x 47 x 20

240 TENDY SLATTED



A-AA240159N

Tendy. Light, compact and reliable. The most practical for beaching.

- 0,7mm white PVC
- Large black rubbing strake
- Adjustable bench seat
- Slatted Floor
- Tow D-rings
- External lifeline
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars

Length (m) 2.4
Width (m) 1.34
Diameter tube (cm) 36
Weight (kg) 18.8
Max. persons 3
Max. hp 4
Short shaft
Packing size (cm) 98 x 48 x 25

240 TENDY AIR FLOOR



A-AA240160N

Tendy. Light, compact and reliable. The most practical for beaching.

- 0,7mm white PVC
- Large black rubbing strake
- Adjustable bench seat
- Air Floor
- Large adjustable nylon strap for holding fuel tank
- Inflatable keel for better performance
- Keel protection
- Tow D-rings
- External lifeline
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars

Length (m) 2.4
Width (m) 1.34
Diameter tube (cm) 36
Weight (kg) 23.8
Max. persons 3
Max. hp 4
Short shaft
Packing size (cm) 98 x 48 x 25

250 AIRDECK



A-AA250032N

AirDeck. Luxury and spacious tender for your boat!

- 0,9mm white PVC
- Large blue and white rubbing strake
- Adjustable bench seat
- AirDeck inflatable floor
- Large adjustable nylon strap for holding fuel tank
- Inflatable keel for better performance
- Keel protection
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars

Length (m) 2.49
Width (m) 1.52
Diameter tube (cm) 42
Weight (kg) 28
Max. persons 3+1
Max. hp 5
Short shaft
Packing size (cm) 100 x 54 x 25

250 SPORT (ALU-FLOOR) MEDIUM-GREY



A-AA250033N

Sport. Powerful and compact, they will take you on adventure!

- 0,9mm medium-grey PVC
- Large black and white rubbing strake
- Adjustable bench seat
- Aluminium floor
- Large adjustable nylon strap for holding fuel tank
- Inflatable keel for better performance
- Keel protection
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars

Length (m) 2.49
Width (m) 1.52
Diameter tube (cm) 42
Weight (kg) 35
Max. persons 3+1
Max. hp 8
Short shaft
Packing size (cm) 98 x 57 x 22

270 ALU-RIB ULTRA LIGHT WHITE



A-AA270160N

ALU-RIB. Luxury and spacious tender for your boat!

- 0,9mm white PVC and hull
- Large dark-blue rubbing strake with white striping
- Adjustable bench seat
- V-floor
- Anti-skid pads floor
- Keel protection
- External lifeline
- Tow D-rings
- Multiple carrying handles
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars

Length (m) 2.70
Width (m) 1.63
Diameter tube (cm) 42
Weight (kg) 38
Max. persons 3
Max. hp 10
Short shaft

270 ALU-RIB ULTRA LIGHT DARK-GREY

A-AA270162N

ALU-RIB. Luxury and spacious tender for your boat!

- 0,9mm dark-grey PVC and hull
- Large black rubbing strake with white striping
- Adjustable bench seat
- V-floor
- Anti-skid pads floor
- Keel protection
- External lifeline
- Tow D-rings
- Multiple carrying handles
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars

Length (m) 2.70
Width (m) 1.63
Diameter tube (cm) 42
Weight (kg) 38
Max. persons 3
Max. hp 10
Short shaft

290 ALU-RIB ULTRA LIGHT WHITE



A-AA290024N

ALU-RIB. Luxury and spacious tender for your boat!

- 0,9mm white PVC and hull
- Large dark-blue rubbing strake with white striping
- Adjustable bench seat
- V-floor
- Anti-skid pads floor
- Keel protection
- External lifeline
- Tow D-rings
- Multiple carrying handles
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars

Length (m) 2.90
Width (m) 1.63
Diameter tube (cm) 42
Weight (kg) 41
Max. persons 4
Max. hp 15
Short shaft

290 ALU-RIB ULTRA LIGHT DARK-GREY

A-AA290026N

ALU-RIB. Luxury and spacious tender for your boat!

- 0,9mm dark-grey PVC and hull
- Large black rubbing strake with white striping
- Adjustable bench seat
- V-floor
- Anti-skid pads floor
- Keel protection
- External lifeline
- Tow D-rings
- Multiple carrying handles
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars

Length (m) 2.90
Width (m) 1.63
Diameter tube (cm) 42
Weight (kg) 41
Max. persons 4
Max. hp 15
Short shaft

300 AIRDECK



A-AA300064N

AirDeck. Luxury and spacious tender for your boat!

- 0,9mm white PVC
- Large blue and white rubbing strake
- Adjustable bench seat
- AirDeck inflatable floor
- Large adjustable nylon strap for holding fuel tank
- Inflatable keel for better performance
- Keel protection
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars

Length (m) 3.00
Width (m) 1.52
Diameter tube (cm) 42
Weight (kg) 37
Max. persons 4
Max. hp 15
Short shaft
Packing size (cm) 102 x 55 x 24

320 AIRDECK



A-AA320036N

AirDeck. Luxury and spacious tender for your boat!

- 0,9mm white PVC
- Large blue and white rubbing strake
- Adjustable bench seat
- AirDeck inflatable floor
- Large adjustable nylon strap for holding fuel tank
- Inflatable keel for better performance
- Keel protection
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars

Length (m) 3.20
Width (m) 1.52
Diameter tube (cm) 42
Weight (kg) 42
Max. persons 5
Max. hp 20
Short shaft
Packing size (cm) 108 x 57 x 25

300 SPORT (ALU FLOOR) MEDIUM-GREY



A-AA300065N

Sport. Powerful and compact, they will take you on adventure!

- 0,9mm medium-grey PVC
- Large black and white rubbing strake
- Adjustable bench seat
- Aluminium floor
- Large adjustable nylon strap for holding fuel tank
- Inflatable keel for better performance
- Keel protection
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars

Length (m) 3.00
Width (m) 1.52
Diameter tube (cm) 42
Weight (kg) 49
Max. persons 4
Max. hp 15
Short shaft
Packing size (cm) 115 x 57 x 22

320 SPORT (ALU FLOOR) MEDIUM-GREY



A-AA320037N

Sport. Powerful and compact, they will take you on adventure!

- 0,9mm medium-grey PVC
- Large black and white rubbing strake
- Adjustable bench seat
- Aluminium floor
- Large adjustable nylon strap for holding fuel tank
- Inflatable keel for better performance
- Keel protection
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars

Length (m) 3.20
Width (m) 1.52
Diameter tube (cm) 42
Weight (kg) 54
Max. persons 5
Max. hp 20
Short shaft
Packing size (cm) 113 x 60 x 25

320 ALU-RIB WHITE



A-**AA320042N**

ALU-RIB. Comfortable and stable in all weather conditions!

- 0,9mm white PVC and hull
- Large dark-blue rubbing strake with white striping
- Adjustable bench seat
- Double Hull with flat-floor
- Bow locker (possible to fit the fuel tank)
- Anti-skid pads floor
- Reinforced transom
- Transom lifting eyes
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Keel protection
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars or paddles

Length (m) 3.2
Width (m) 1.63
Diameter tube (cm) 42
Weight (kg) 61.3
Max. persons 5
Max. hp 20
Short shaft

320 ALU-RIB DARK-GREY

A-**AA320038N**

ALU-RIB. Comfortable and stable in all weather conditions!

- 0,9mm dark-grey PVC and hull
- Large black rubbing strake with white striping
- Adjustable bench seat
- Double Hull with flat-floor
- Bow locker (possible to fit the fuel tank)
- Anti-skid pads floor
- Reinforced transom
- Transom lifting eyes
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Keel protection
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars or paddles

Length (m) 3.2
Width (m) 1.63
Diameter tube (cm) 42
Weight (kg) 61.3
Max. persons 5
Max. hp 20
Short shaft

350 ALU-RIB WHITE



A-**AA350073N**

ALU-RIB. Comfortable and stable in all weather conditions!

- 0,9mm white PVC and hull
- Large dark-blue rubbing strake with white striping
- Adjustable bench seat
- Double Hull with flat-floor
- Bow locker (possible to fit the fuel tank)
- Anti-skid pads floor
- Reinforced transom
- Transom lifting eyes
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Keel protection
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars or paddles

Length (m) 3.5
Width (m) 1.63
Diameter tube (cm) 42
Weight (kg) 69
Max. persons 6
Max. hp 25
Short shaft

350 ALU-RIB DARK-GREY

A-**AA350069N**

ALU-RIB. Comfortable and stable in all weather conditions!

- 0,9mm dark-grey PVC and hull
- Large black rubbing strake with white striping
- Adjustable bench seat
- Double Hull with flat-floor
- Bow locker (possible to fit the fuel tank)
- Anti-skid pads floor
- Reinforced transom
- Transom lifting eyes
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Keel protection
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars or paddles

Length (m) 3.5
Width (m) 1.63
Diameter tube (cm) 42
Weight (kg) 69
Max. persons 6
Max. hp 25
Short shaft

365 SPORT HD (ALU FLOOR) MEDIUM-GREY



A-AA360004N

Sport HD. The perfect companion for fishing and diving fans!

- 1,2mm medium-grey PVC
- Large black and white rubbing strake
- Aluminium floor
- Large adjustable nylon strap for holding fuel tank
- Keel protection
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium paddles

Length (m) 3.65
Width (m) 1.70
Diameter tube (cm) 44
Weight (kg) 79
Max. persons 6
Max. hp 25
Short Shaft
Packing size (cm) 135 x 74 x 40

365 SPORT HD (ALU FLOOR) RED

A-AA380128N

Sport HD. The perfect companion for fishing and diving fans!

- 1,2mm red PVC
- Large black and red rubbing strake
- Aluminium floor
- Large adjustable nylon strap for holding fuel tank
- Keel protection
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium paddles

Length (m) 3.65
Width (m) 1.70
Diameter tube (cm) 44
Weight (kg) 79
Max. persons 6
Max. hp 25
Short Shaft
Packing size (cm) 135 x 74 x 40

380 ALU-RIB WHITE



A-AA380129N

ALU-RIB. Comfortable and stable in all weather conditions!

- 0,9mm white PVC and hull
- Large dark-blue rubbing strake with white striping
- Adjustable bench seat
- Double Hull with flat-floor
- Bow locker (possible to fit the fuel tank)
- Anti-skid pads floor
- Reinforced transom
- Transom lifting eyes
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Keel protection
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars or paddles

Length (m) 3.8
Width (m) 1.69
Diameter tube (cm) 45
Weight (kg) 92
Max. persons 7
Max. hp 30
Short shaft

380 ALU-RIB DARK-GREY

A-AA380124N

ALU-RIB. Comfortable and stable in all weather conditions!

- 0,9mm dark-grey PVC and hull
- Large black rubbing strake with white striping
- Adjustable bench seat
- Double Hull with flat-floor
- Bow locker (possible to fit the fuel tank)
- Anti-skid pads floor
- Reinforced transom
- Transom lifting eyes
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Keel protection
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars or paddles

Length (m) 3.8
Width (m) 1.69
Diameter tube (cm) 45
Weight (kg) 92
Max. persons 7
Max. hp 30
Short shaft

420 ALU-RIB WHITE



A-**AA420005N**

ALU-RIB. Comfortable and stable in all weather conditions!

- 0,9mm white PVC and hull
- Large dark-blue rubbing strake with white striping
- Adjustable bench seat
- Double Hull with flat-floor
- Bow locker (possible to fit the fuel tank)
- Anti-skid pads floor
- Reinforced transom
- Transom lifting eyes
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Keel protection
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars or paddles

Length (m) 4.2
Width (m) 1.69
Diameter tube (cm) 45
Weight (kg) 115
Max. persons 8
Max. hp 40
Short shaft

420 ALU-RIB DARK-GREY

A-**AA410015N**

ALU-RIB. Comfortable and stable in all weather conditions!

- 0,9mm dark-grey PVC and hull
- Large black rubbing strake with white striping
- Adjustable bench seat
- Double Hull with flat-floor
- Bow locker (possible to fit the fuel tank)
- Anti-skid pads floor
- Reinforced transom
- Transom lifting eyes
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Keel protection
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium oars or paddles

Length (m) 4.2
Width (m) 1.69
Diameter tube (cm) 45
Weight (kg) 115
Max. persons 8
Max. hp 40
Short shaft

320 ALU-RIB HYPALON CREAM-WHITE



A-**AA320039N**

ALU-RIB Hypalon. Premium companion for warmer climates!

- 0,84mm cream-white Hypalon and white Hull
- Large dark-blue rubbing strake with white striping
- Adjustable bench seat
- Double Hull with flat-floor
- Bow locker (possible to fit the fuel tank)
- Teak-look anti-skid pads floor
- Reinforced transom
- Transom lifting eyes
- Reinforced Tow D-rings
- External lifeline
- Multiple Hypalon carrying handles
- Keel protection
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium paddles
- Bravo overpressure relief valve

Length (m) 3.20
Width (m) 1.63
Diameter tube (cm) 42
Weight (kg) 66.3
Max. persons 5
Max. hp 20
Short shaft

350 ALU-RIB HYPALON CREAM-WHITE



A-**AA350070N**

ALU-RIB Hypalon. Premium companion for warmer climates!

- 0,84mm cream-white Hypalon and white Hull
- Large dark-blue rubbing strake with white striping
- Adjustable bench seat
- Double Hull with flat-floor
- Bow locker (possible to fit the fuel tank)
- Teak-look anti-skid pads floor
- Reinforced transom
- Transom lifting eyes
- Reinforced Tow D-rings
- External lifeline
- Multiple Hypalon carrying handles
- Keel protection
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium paddles
- Bravo overpressure relief valve

Length (m) 3.50
Width (m) 1.63
Diameter tube (cm) 42
Weight (kg) 73.4
Max. persons 6
Max. hp 25
Short shaft

420 SPORT HD (ALU FLOOR) MEDIUM-GREY



A-AA430110N

Sport HD. The perfect companion for fishing and diving fans!

- 1,2mm medium-grey PVC
- Large black and white rubbing strake
- Aluminium floor
- Large adjustable nylon strap for holding fuel tank
- Keel protection
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium paddles

Length (m) 4.20
Width (m) 1.92
Diameter tube (cm) 50
Weight (kg) 115
Max. persons 8
Max. hp 40
Long shaft
Packing size (cm) 135 x 74 x 43

420 SPORT HD (ALU FLOOR) RED

A-AA430111N

Sport HD. The perfect companion for fishing and diving fans!

- 1,2mm red PVC
- Large black and red rubbing strake
- Aluminium floor
- Large adjustable nylon strap for holding fuel tank
- Keel protection
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium paddles

Length (m) 4.20
Width (m) 1.92
Diameter tube (cm) 50
Weight (kg) 115
Max. persons 8
Max. hp 40
Long shaft
Packing size (cm) 135 x 74 x 43

470 SPORT HD (ALU FLOOR) MEDIUM-GREY



A-AA470046N

Sport HD. The perfect companion for fishing and diving fans!

- 1,2mm medium-grey PVC
- Large black and white rubbing strake
- Aluminium floor
- Large adjustable nylon strap for holding fuel tank
- Keel protection
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium paddles

Length (m) 4.70
Width (m) 1.92
Diameter tube (cm) 50
Weight (kg) 129
Max. persons 10
Max. hp 60
Long shaft
Packing size (cm) 135 x 74 x 46

470 SPORT HD (ALU FLOOR) RED

A-AA470048N

Sport HD. The perfect companion for fishing and diving fans!

- 1,2mm red PVC
- Large black and red rubbing strake
- Aluminium floor
- Large adjustable nylon strap for holding fuel tank
- Keel protection
- Tow D-rings
- External lifeline
- Multiple carrying handles
- Carrying bag
- Double-action hand pump
- Repair-kit (without glue)
- Aluminium paddles

Length (m) 4.70
Width (m) 1.92
Diameter tube (cm) 50
Weight (kg) 129
Max. persons 10
Max. hp 60
Long shaft
Packing size (cm) 135 x 74 x 46

INFLATABLE ACCESSORIES

CONSOLES

1-PERSON CONSOLE



62-**8M0162901**

1-person pilot console FCT725

- Colour console: White
- Colour cushions: Black and Grey
- No. Persons: 1
- Weight (kg): 25
- Length (cm): 91,5
- Height (cm): 82
- Cushion seat width (cm): 72,5
- Box seat width (cm): 72,5
- Seat height (cm): 50

For Quicksilver Alu-Rib 320, 350, 380 and 420.

62-**8M0162900**

1-person pilot console FCT725

- Colour console: Dark-Grey
- Colour cushions: Black and Grey
- No. Persons: 1
- Weight (kg): 25
- Length (cm): 91,5
- Height (cm): 82
- Cushion seat width (cm): 72,5
- Box seat width (cm): 72,5
- Seat height (cm): 50

For Quicksilver Alu-Rib 320, 350, 380 and 420.

2-PERSON CONSOLE



62-**8M0162903**

2-person pilot console FCT880

- Colour console: White
- Colour cushions: Black and Grey
- No. Persons: 2
- Weight (kg): 27
- Length (cm): 95
- Height (cm): 85
- Cushion seat width (cm): 88
- Box seat width (cm): 72,5
- Seat height (cm): 50

For Quicksilver Alu-Rib 320, 350, 380 and 420.

62-**8M0162902**

2-person pilot console FCT880

- Colour console: Dark-Grey
- Colour cushions: Black and Grey
- No. Persons: 2
- Weight (kg): 27
- Length (cm): 95
- Height (cm): 85
- Cushion seat width (cm): 88
- Box seat width (cm): 72,5
- Seat height (cm): 50

For Quicksilver Alu-Rib 320, 350, 380 and 420.

JOCKEY CONSOLE



62-**8M0162905**

Jockey console

- Colour console: White
- Colour cushions: Black and Grey
- No. Persons: 1
- Weight (kg): 25
- Length (cm): 116
- Height (cm): 91
- Cushion seat width (cm): 27
- Box seat width (cm): 40
- Seat height (cm): 40

For Quicksilver Alu-Rib 350, 380 and 420.

62-**8M0162904**

Jockey console

- Colour console: Dark-Grey
- Colour cushions: Black and Grey
- No. Persons: 1
- Weight (kg): 25
- Length (cm): 116
- Height (cm): 91
- Cushion seat width (cm): 27
- Box seat width (cm): 40
- Seat height (cm): 40

For Quicksilver Alu-Rib 350, 380 and 420.

STEERING CONSOLE



62-**8M0162909**

Steering console

- Colour console: White
- Colour cushions: Black and Grey
- No. Persons: 2
- Weight (kg): 17
- Length (cm): 66
- Height (cm): 89
- Cushion seat width (cm): 40
- Box seat width (cm): 40
- Seat height (cm): 36

For Quicksilver Alu-Rib 350, 380 and 420.

62-**8M0162908**

Steering console

- Colour console: Dark-Grey
- Colour cushions: Black and Grey
- No. Persons: 2
- Weight (kg): 17
- Length (cm): 66
- Height (cm): 89
- Cushion seat width (cm): 40
- Box seat width (cm): 40
- Seat height (cm): 36

For Quicksilver Alu-Rib 350, 380 and 420.

SEATBENCHES

1-PERSON SEAT BENCH



62-**8M0162907**

1-person seatbench FCT550 for steering console

- Colour console: White
- Colour cushions: Black and Grey
- No. Persons: 1
- Weight (kg): 15,6
- Length (cm): 35
- Height (cm): 78
- Cushion seat width (cm): 55
- Box seat width (cm): 55
- Seat height (cm): 45

For Quicksilver Alu-Rib 350, 380 and 420.

62-**8M0162906**

1-person seatbench FCT550 for steering console

- Colour console: Dark-Grey
- Colour cushions: Black and Grey
- No. Persons: 1
- Weight (kg): 15,6
- Length (cm): 35
- Height (cm): 78
- Cushion seat width (cm): 55
- Box seat width (cm): 55
- Seat height (cm): 45

For Quicksilver Alu-Rib 350, 380 and 420.

1-PERSON SEAT BENCH



62-**8M0168453**

1-person seatbench FCT725 for steering console

- Colour console: White
- Colour cushions: Black and Grey
- No. Persons: 1
- Weight (kg): 18
- Length (cm): 35
- Height (cm): 83
- Cushion seat width (cm): 72,5
- Box seat width (cm): 72,5
- Seat height (cm): 50

For Quicksilver Alu-Rib 350, 380 and 420.

62-**8M0168454**

1-person seatbench FCT725 for steering console

- Colour console: Dark-Grey
- Colour cushions: Black and Grey
- No. Persons: 1
- Weight (kg): 18
- Length (cm): 35
- Height (cm): 83
- Cushion seat width (cm): 72,5
- Box seat width (cm): 72,5
- Seat height (cm): 50

For Quicksilver Alu-Rib 350, 380 and 420.

2-PERSON SEAT BENCH



62-**8M0165076**

2-person seatbench FCT880 for steering console

- Colour console: White
- Colour cushions: Black and Grey
- No. Persons: 2
- Weight (kg): 20,7
- Length (cm): 35
- Height (cm): 83
- Cushion seat width (cm): 88
- Box seat width (cm): 72,5
- Seat height (cm): 50

For Quicksilver Alu-Rib 350, 380 and 420.

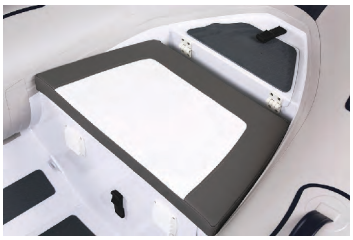
62-**8M0165061**
2-person seatbench FCT880 for steering console

- Colour console: Dark-Grey
- Colour cushions: Black and Grey
- No. Persons: 2
- Weight (kg): 20,7
- Length (cm): 35
- Height (cm): 83
- Cushion seat width (cm): 88
- Box seat width (cm): 72,5
- Seat height (cm): 50

For Quicksilver Alu-Rib 350, 380 and 420.

SEAT BAGS/CUSHIONS

BOW CUSHION



62-**8M0162896**
Bow cushion for Alu-Ribs, grey/white

62-**8M0168455**
Bow cushion for Alu-Ribs, black/grey

SEATBAG



62-**8M0162897**
Seat bag with cushion 80 x 20 grey

62-**8M0162898**
Seat bag with cushion 85 x 20 grey

62-**8M0162899**
Seat bag with cushion 90 x 20 grey

BOAT BAGS

BOAT BAG



62-**8M0148919**
Boat bag 200-240

62-**8M0156326**
Boat bag 250-320

62-**8M0156327**
Boat bag 365

62-**8M0156328**
Boat bag 420-470

AIR PUMPS AND GAUGES

HAND PUMP



62-**8M0148926**
Hand pump all models

PRESSURE GAUGE



62-**8M0161869**
Pressure gauge for hand pump

REPAIR KITS

REPAIR KIT



62-**8M0156992**
Repair kit for Tendy (White PVC)

62-**8M0156990**
Repair kit Airdeck (White and Dark-Blue PVC)

62-**8M0156331**
Repair kit for Sport (Medium-Grey PVC 0.9mm)

62-**8M0156991**
Repair kit for Sport Heavy-Duty (Medium-Grey PVC 1.2mm)

62-**8M0156332**
Repair kit for Sport Heavy-Duty (Red PVC 1.2mm)

62-**8M0148942**
Repair kit for Alu-Rib (White PVC)

62-**8M0148941**
Repair kit for Alu-Rib (Dark-Grey PVC)

62-**8M0170209**
Repair kit for Alu-Rib Hypalon (Cream-White PVC)

TABLE OF CONTENTS

Watersports 892

Life Jackets and Accessories 892

Locks 894

WATERSPORTS

LIFE JACKETS AND ACCESSORIES

The following products are certified in accordance with the New European rules EN ISO 12402.
In some countries, these new regulations are already in use.

LIFEJACK 165N AUT-HARNESS RED



20811248

3D fit it provides a safe and comfortable neck support. The jacket is fitted with a Crotch strap. This to make the jacket work better and gives an higher freeboard. The vest is finished with an edge bonding around. The vest has a buoyancy of 165N .
CE EN396 / ISO12402-3
Size/type Adult 50+ KG
Buoyancy Inflatable 165N
System United Moulders MK5
CO2 Cylinder 31-33gr CO2
Standard Crotch strap
All Weather Cartridge

SAFETY LINE



20613022

Lifeline with double action hook for Mercury Automatic lifejacket 20811248
Equipped with double action hooks
According to ISO 12401
Break strength max. 2000kg
With "Overload Indicator" according ISAF Racing Rules

LIFEJACK 165N AUT/WAISTBELT RED



20811249

The vest has no safety harness. With its 3D design and soft outer cover , the Mercury 165N has a perfect fit . The collar is firmly connected to the back and neck. Due the 3D fit it provides a safe and comfortable neck support. The jacket is fitted with a Crotch strap. This to make the jacket work better and gives an higher freeboard . The vest is finished with an edge bonding around. The vest has a buoyancy of 165N .
CE EN396 / ISO12402-3
Size/type Adult 50+ KG
Buoyancy Inflatable 165N
System United Moulders MK5
CO2 Cylinder 31-33gr CO2
Standard Crotch strap
All Weather Cartridge

RECHARGE KIT ADULT



20427020

Replacement set for Adult Mercury Automatic lifejackets 20811248 and 20811249

JUNIOR LIFEJACKET W/HARNESS RED



20811279

Automatic and additional manual control
Fitted, short design for the right fit
Stainless-steel closures and Stainless-steel D-ring for safety harness, according ISO12401
With leg strap
For children 15-40kg
According to ISO 12402-3

RECHARGE KIT JUNIOR



20427021

Replacement set for Junior Mercury Automatic lifejacket 20811279

LOCKS

34 PROPELLER LOCKS



67-808915

3/4 in.-16 threads. Theft protection during use, storage and transit. Fits MerCruiser, Alpha One, Bravo One, Mercury 70hp+ and Johnson/Evinrude 150hp+.

Fits MerCruiser Alpha One, Bravo One & TRS and Mercury/Mariner 70 hp and larger. Also fits OMC Cobra & King Cobra and Johnson/Evinrude 150 hp and larger.

McGard PN: 74039

67-808916

M18 x 1.5 threads. Theft protection during use, storage and transit. Fits Yamaha sterndrive, Yamaha outboards 115hp+, Suzuki 40hp+ and most models.

Fits all Yamaha sterndrives and Yamaha outboards 115 hp and larger. Also fits Suzuki 40 hp and larger.

McGard PN: 74040

67-851058

1 in.-14 threads. Theft protection during use, storage and transit. Fits Bravo III.

Fits MerCruiser Bravo III and Blackhawk

McGard PN: 74053

STERNDRIVE LOCK



67-808911

Simply replace one of the sterndrive mounting nuts with the lock. Features a free-spinning collar that turns if attacked by gripping tools without loosening the lock. Fully machined from high-quality stainless steel and through-hardened.

MerCruiser Alpha and Bravo, OMC Cobra and King Cobra
7/16 in. thread twin drive

McGard PN: 74019

OUTBOARD MOTOR LOCKS



67-808912

Theft protection for outboard motors. Designed to lock the bolt that holds the outboard motor onto the boat's transom. Simply replace one of the mounting nuts with a locking nut. A free-spinning collar turns if attacked by gripping tools without loosening lock.

For Mercury/Mariner 40 hp and Larger. 1/2 in x 20 thread

McGard PN: 74036

67-808913

Theft protection for outboard motors. Designed to lock the bolt that holds the outboard motor onto the boat's transom. Simply replace one of the mounting nuts with a locking nut. A free-spinning collar turns if attacked by gripping tools without loosening lock.

For Yamaha 50 hp and Larger. 12 in x 1.25 thread

McGard PN: 74037

STERNDRIVE LOCK



67-808910

Protect the valuable propeller of your outboard or stern drive motor against theft!
This is how it works:
Simply replace one of the fitted nuts with a McGard locking nut which can only be opened with the corresponding key.
McGard stern drive lock set can be used for the following models:
Mercruiser
Barvo I-III
Blackhawk
OMC Cobra & King Cobra
Volvo SX, DP-S
Stern drive lock set includes:
1 locking nut, thread size 7/16-20
1 key
1 code card

McGard PN: 74018

88 - 11178A01 590
48 - 11324A45 . . . . . 662, 664, 668, 706, 785, 794, 838, 845
25 - 11332 87
11606A 1 . . . . . 627, 629
11606A 2 629
12022A40 . . . . . 41, 46
12022A41 . . . . . 46, 47
50 - 12066K10 85
12092A13 . . . . . 50, 55, 56
12092A18 . . . . . 54, 55
12092A19 . . . . . 50, 56, 342
12092A20 . . . . . 50, 54, 55, 339
84 - 12334A 2 . . . . . 36, 37
12335A 1 . . . . . 86, 324
12415 448
12415A 2 448
91 - 12427T 640
12612Q 2 . . . . . 326, 327
12612T 2 61
43 - 12635T 60
12644A 1 . . . . . 128, 366
12756A 1 50
13191K01 866
13191Q01 866
13536A13 447
13536A14 448
22 - 13563Q 3 72
22 - 13563Q 7 71
22 - 13563T 3 71
33 - 13686Q 17, 18
48 - 13700A46 . . . . . 709, 785
48 - 13701A46 . . . . . 709, 785
48 - 13702A46 . . . . . 709, 785
48 - 13703A46 709
48 - 13704A46 709
48 - 13705A46 709
48 - 13706A46 709
11 - 13914Q02 . . . . . 847, 858
13914Q03 . . . . . 333, 847, 858
33 - 14103550 13–17
33 - 14103568 . . . . . 7, 17, 18
33 - 14103Q 13–16
97 - 14205M 96
22 - 14213K 71
22 - 14213Q 71
14359 867
14586A 3 82–84
14586A 4 . . . . . 82, 84
14586A 6 . . . . . 82, 84
14586A 7 . . . . . 82, 84
34 - 14594A 2 197
34 - 14594A 3 197
87 - 14645A 4 . . . . . 27, 580
14801A 1 . . . . . 132, 136, 139, 141
33 - 14814568 14
15000A14 . . . . . 36, 326, 328, 330, 332, 334, 338, 559
15000A 7 . . . . . 36, 38, 327, 329, 330, 559
97 - 15300 . . . . . 96, 109
15768A 3 . . . . . 121, 367
22 - 15781A12 82
15943A 1 . . . . . 86, 324
15967 87
15969A09 . . . . . 87, 324
15969A10 . . . . . 87, 324
15969A11 87
15969A13 87
15985A02 . . . . . 88, 342, 871
15995 448
16074T05 . . . . . 21, 24
12 - 16140 848
12 - 16140 2 847
16145 2 847
16145Q01 . . . . . 847, 866
12 - 16146 . . . . . 847, 864
11 - 16147 . . . . . 847, 848, 861
11 - 16147 1 847
47 - 16154 1 231
48 - 16312A46 . . . . . 710, 785, 827, 839
48 - 16314A46 . . . . . 710, 785, 827, 839
48 - 16315A46 . . . . . 710, 827, 839
48 - 16316A46 . . . . . 710, 785, 827, 838, 839
48 - 16317A46 . . . . . 710, 827, 838
48 - 16318A46 . . . . . 710, 785, 827, 838, 839
48 - 16436A45 . . . . . 662, 664, 668, 676, 682, 695, 706, 839
48 - 16436CP1 . . . . . 662, 664, 668, 706
48 - 16438A45 . . . . . 662, 664, 668, 706, 785, 839
48 - 16438CP1 . . . . . 662, 664, 668, 706
48 - 16440A45 . . . . . 662, 664, 668, 706, 785, 838, 839, 845
35 - 16595Q 290
16645A 4 367
26 - 16709A 2 248
16755T 1 248
16837A 2 . . . . . 21, 24
16838A 4 . . . . . 23, 24
16839A 4 85
16841K02 60
16841Q02 327
16909A 2 . . . . . 318, 321, 331, 333, 336, 339, 343, 347, 467
48 - 16986A46 . . . . . 710, 784
48 - 16988A46 . . . . . 710, 784, 832
48 - 16990A46 832
48 - 16992A46 . . . . . 832, 837
17024 631
17024A03 629
17063T 467
85 - 17200 586
17264T 2 . . . . . 96, 102, 105, 106, 231
17280A 2 65
48 - 17310A46 . . . . . 710, 832
48 - 17312A46 . . . . . 710, 832
48 - 17314A46 . . . . . 710, 784, 832
17611T 870
33 - 17719547 13
17729A 1 631

84 - 17829A10 . . . . . 336, 545, 575
84 - 17829A 2 575
84 - 17829A20 . . . . . 336, 546, 575
18018A 1 198
48 - 18278A46 . . . . . 709, 785
48 - 18280A46 665
48 - 18281A46 665
48 - 18281A56 . . . . . 840, 843, 844
87 - 18286A17 580
87 - 18286A18 . . . . . 27, 319, 334, 338, 580
87 - 18286A19 . . . . . 319, 335, 338, 580
87 - 18286A46 . . . . . 341, 345, 578, 580
87 - 18286A47 . . . . . 341, 345, 580
35 - 18458Q 4 . . . . . 78, 234, 324
35 - 18458T 3 78
35 - 18458T 4 78
18563A 1 . . . . . 130, 367
48 - 18606A 6 . . . . . 665, 717
48 - 18607A 6 . . . . . 665, 717
48 - 18608A 6 . . . . . 665, 717
48 - 18609A 6 . . . . . 665, 717
48 - 18610A 6 . . . . . 665, 717
48 - 18611A 6 . . . . . 665, 717
48 - 18612A 6 . . . . . 665, 717
48 - 18613A 6 . . . . . 665, 717
48 - 18614A40 . . . . . 665, 707, 841, 843
48 - 18614A 6 . . . . . 665, 717
48 - 18615A40 . . . . . 665, 707, 841, 843
48 - 18615A 6 . . . . . 665, 717
48 - 18616A40 . . . . . 665, 707, 841, 843
48 - 18616A 6 . . . . . 665, 717
48 - 18617A40 . . . . . 665, 707, 841, 843
48 - 18617A 6 . . . . . 665, 717
48 - 18618A40 . . . . . 665, 707, 841, 842
48 - 18618A 6 . . . . . 665, 717
48 - 18619A40 . . . . . 665, 707, 841, 842
48 - 18619A 6 . . . . . 665, 717
18787019 196
18787T 2 196
19220A 4 872
47 - 19453T 232
35 - 19485 294
19608A14 . . . . . 335, 339, 628–630
19609A 6 . . . . . 336, 339, 628–630
19624A 1 631
48 - 19636A10 . . . . . 659, 704, 830
48 - 19638A40 . . . . . 659, 704, 830
48 - 19639A40 . . . . . 659, 704
48 - 19640A40 . . . . . 659, 704, 782, 830
48 - 19644A 5 830
19669T 847, 870
87 - 19674A05 . . . . . 366, 564
87 - 19674A06 . . . . . 366, 565
87 - 19674A07 . . . 319, 323, 335, 338, 342, 345, 349, 352, 356, 359, 366, 565
87 - 19674A08 . . . 319, 323, 335, 338, 342, 345, 349, 352, 356, 359, 366, 565, 567
87 - 19674A12 . . . 319, 323, 335, 338, 342, 345, 349, 352, 356, 360, 366, 565, 567
87 - 19674A13 . . . 319, 323, 335, 338, 342, 345, 349, 352, 356, 360, 366, 565
87 - 19674A14 . . . . . 324, 349, 352, 356, 360
87 - 19674A15 . . . . . 324, 349, 352, 356, 360
33 - 19796 13
48 - 19838A46 . . . . . 709, 785
48 - 19841A46 709
12 - 20084 864
20427020 892
20427021 893
20613022 892
20811248 892
20811249 892
20811279 892
22831Q 3 72
22831T 3 72
24789A 1 61
12 - 27025 864
12 - 29710 863
30185T 3 72
30431123 561
30431124 561
30431125 561
30431126 561
30431127 561
30431128 561
30431129 561
30431130 561
30431131 562
30431132 562
30431133 562
30431134 562
91 - 30500 314
30635T 3 72
12 - 31211K03 864
12 - 31211Q03 . . . . . 847, 848, 864
97 - 31640Q 4 . . . . . 96, 182, 869
31640T07 . . . . . 96, 102, 103, 106–109, 232, 233
97 - 31640T 4 . . . . . 105–109, 185, 186
97 - 31640T 6 . . . . . 96, 105–109, 182, 185, 186, 233
11 - 31990K02 859
11 - 31990Q02 . . . . . 847, 859
34127T 2 . . . . . 182, 185, 186
34762A 1 . . . . . 180, 185, 186
34765A 2 366
34765Q02 128
14 - 34817 865
22 - 34982 . . . . . 70, 80
22 - 36305T 149
37293T 122, 364, 576
91 - 37299Q 2 314
38859A 1 866
12 - 39701 864
12 - 39817 865
11 - 40119 12 847

11 - 40119Q02 847
11 - 40140 . . . . . 847, 861
41323A03 . . . . . 628, 629
54 - 41582T 7 . . . . . 74, 80, 173
41729A 3 . . . . . 87, 324
23 - 42091 1 . . . . . 847, 863
97 - 42121Q02 . . . . . 97, 101, 103, 104
42282A 4 . . . . . 21, 22, 24, 25
13 - 42351 1 865
42594T 858
42600A09 178
42600A14 177
42600A18 205
42630 1 870
48 - 42738A45 . . . . . 660, 686, 687, 698, 699, 705, 783, 835
48 - 42738CP1 . . . . . 660, 705
48 - 42740A45 . . . . . 660, 686, 687, 698, 699, 705, 832, 835
42805A 6 471
47 - 43026Q02 . . . . . 233, 237
43026T2 360
47 - 43026T 2 232–236
43615T 1 870
43636T 871
43672 871
43676T 847, 870
91 - 43693A 2 639
43 - 44102A 2 324
44267A02 . . . . . 128, 137, 366
44267A03 . . . . . 129, 138, 366
44267A04 . . . . . 129, 144
44267A05 . . . . . 129, 144, 148, 366
44267A06 . . . . . 129, 145, 148, 366
44267A07 . . . . . 129, 145, 148, 366
44267A08 . . . . . 129, 145, 148, 366
44349A 1 . . . . . 130, 367
44357Q 2 . . . 61, 163, 200, 320, 325, 327, 329, 331, 333, 335, 339, 342, 346, 350, 353, 357, 361, 367
44357T 2 . . . 61, 320, 325, 335, 339, 342, 346, 350, 353, 357, 361, 367
45676T 857
11 - 46335 862
46838A 4 581
46838A 6 581
97 - 47820A 1 97
18 - 47959 . . . . . 847, 848
35 - 49088Q 2 74
35 - 49088T 2 74
5 -5010130CP 188
5 -5010147CP 188
5 -5010162CP 188
5 -5010181CP 188
5 -5010194CP 188
5 -5111200TP 188
5 -5111300TP 188
5 -5111400TP 188
5 -5111600TP 188
5 -5121200TP 188
5 -5121300TP 188
5 -5121400TP 188
5 -5121600TP 188
5 -5121700TP 188
5 -5231100TP 188
5 -5231200NP 188
5 -5231200TP 188
5 -5231300TP 189
5 -5237100TP 189
5 -5237200TP 189
5 -5237300TP 189
11 - 52707Q 1 . . . . . 847, 848, 860
11 - 52707T 1 860
5 -5331200TP 189
5 -5331400TP 189
5 -5331500TP 189
5 -5331600TP 189
35 - 53336Q 244–246
35 - 53336T 82
5 -5337400TP 189
5 -5337500TP 189
5 -5337600TP 189
1623- 5356A 4 194
54212A 7 366
5 -5441200TP 190
5 -5441400TP 190
5 -5441500LP 190
5 -5441500TP 190
5 -5441600LP 190
5 -5441600TP 190
5 -5441700TP 190
5 -5447400TZ 190
5 -5447500TZ 190
5 -5447600TZ 190
54737T 858
12 - 54738 863
32 - 54950 53 447
12 - 55072 864
12 - 55073A 2 864
55074T 867
97 - 55989Q 9 . . . . . 180, 185, 186
97 - 55989T 3 . . . . . 180, 185, 186
56762 590
57908 11 586
35 - 59072 76
47 - 59362T 6 . . . . . 246, 247
5 -5E31200UP 189
5 -5E31800TP 189
5 -5E31900UP 189
5 -5H41300UP 190
5 -5H41400UP 190
5 -5H41600TZ 190
5 -5J31200TP 189
5 -5J31300TP 189
5 -5J37200TP 189
5 -5J37300TP 189
5 -5K31500TP 190

5 -5K31600TP 189
5 -5K37400TP 190
5 -5K37600TP 190
5 -5L41300TP 190
5 -5L41400TP 190
5 -5L41500TP 190
5 -5L41600TP 190
5 -5L41700TP 190
5 -5L47400TP 190
5 -5L47500TP 190
5 -5L47600TP 190
5 -5M41600TP 190
6 -6010000CP 187
6 -6010000DP 187
86 - 60602T 585
86 - 60831T 586
86 - 60878T 585
6 -61000002P 187
6 -61000005P 187
61086A11 . . . . . 149, 155, 158
84 - 61378A 2 . . . . . 33, 197
86 - 61606T 585
87 - 61691 198
6 -620000091 187
6 -62000010P 187
6 -62000012P 187
62351A10 23–26
6 -6311002NZ 187
6 -6315002TP 187
6 -6345002TP 187
11 - 64075A 1 . . . . . 859, 862
6 -6511002NZ 187
57 - 65607Q 244
87 - 66581 199
87 - 66582 199
32 - 67032A12 199
32 - 67032A24 199
32 - 67032A36 199
32 - 67032A48 199
32 - 67032A72 199
32 - 67032A96 199
10 - 67755005 . . . . . 57, 59
10 - 67755 2 . . . . . 57, 59
10 - 67755A13 . . . . . 57, 59
10 - 67755A14 . . . . . 57, 59
10 - 67755A15 . . . . . 57, 59
10 - 67755A17 . . . . . 57, 59
10 - 67755A18 . . . . . 57, 59
10 - 67755A22 . . . . . 57, 59
10 - 67755A26 . . . . . 57, 59
68858T 857
68861T 857
84 - 69108A 5 575
6 -6911002TP 187
69356 590
11 - 69578Q 1 . . . . . 847, 859
11 - 69578T 1 859
6 -6A15002TP 187
6 -6A45002TP 188
70599A 5 326
22 - 72932A 3 . . . . . 124, 126
97 - 72957A 5 . . . . . 93, 178
72958A 5 . . . . . 93, 178
48 - 73132A45 . . . . . 660, 685–687, 698, 699, 705, 783, 832, 835
48 - 73134A45 . . . . . 660, 685–687, 697–699, 705, 783, 832
48 - 73136A45 . . . . . 660, 678, 685–687, 697–699, 705, 783, 831
48 - 73138A45 . . . . . 660, 678, 685–687, 697–699, 705, 783, 831
48 - 73140A45 . . . 660, 678, 685–687, 697–699, 705, 783, 831, 835
48 - 73142A45 . . . . . 660, 678, 685–687, 697–699, 705, 831, 835
48 - 73144A45 . . . . . 660, 678, 685–687, 697–699, 705, 831, 835
73345A 1 . . . . . 847, 865, 866
35 - 73532 75
91 - 74057Q 6 314
74639A 2 248
75095Q 2 . . . . . 199, 566
75095T 2 566
97 - 76214 4 . . . . . 182, 186
97 - 76214 6 . . . . . 182, 186
97 - 76214A 6 . . . . . 97, 109, 182, 186, 233–236
97 - 76214Q 5 . . . . . 97, 109, 182, 232–236, 857, 869
97 - 76214T 1 97
76214T 3 97
97 - 76214T 5 . . . . . 97, 102, 103, 186
14 - 76281Q 847
76535T 629, 631
26 - 76868A04 248
48 - 77338A45 661, 667, 676, 677, 683–686, 695–699, 705, 784, 832
48 - 77338CP1 784
48 - 77340A45 661, 667, 676, 677, 683–686, 695–699, 705, 784, 832
48 - 77340CP1 784
48 - 77342A45 661, 667, 676–678, 683–686, 695–699, 706, 784, 832
48 - 77344A45 . . . 661, 667, 675–678, 683–685, 689, 690, 695–697, 706, 784, 832
48 - 77346A45 . . . 661, 667, 675–678, 683, 684, 689, 690, 695–697, 706, 784, 832, 837
48 - 77348A45 . . . 661, 667, 675–678, 683, 684, 689, 690, 695–697, 706, 784, 832, 837
48 - 77350A45 . . . 661, 667, 675–678, 683, 684, 689, 690, 695–697, 706, 784, 832, 837
77409A 1 446
77409B 1 446
48 - 78112A45 662, 664, 668, 676, 677, 682, 695, 706, 785, 827, 839
48 - 78112CP1 . . . . . 662, 664, 706
48 - 78114A45 . . . 662, 664, 668, 676, 677, 681, 682, 695, 706, 785, 827, 839
48 - 78114CP1 . . . . . 662, 664, 668, 706
48 - 78116A45 . . . 662, 664, 668, 674, 676, 677, 681–683, 695, 696, 706, 785, 827, 839
48 - 78116CP1 . . . . . 662, 664, 668, 706
88 - 79023A91 589
88 - 79023A93 . . . . . 588, 599
88 - 79023A94 . . . . . 588, 599
88 - 79023T10 589
88 - 79023T56 589
88 - 79023T90 589

84 - 79138A 8 94
79476A 1 176
79476A 4 176
79476A 5 176
79476A 6 176
79 - 79889A 1 453
10 - 79953Q04 304
802002Q 1 861
91 -802653K02 . . . . . 335, 339, 346
91 -802653Q02 . . . . . 91, 314, 329, 331, 333, 335, 339
802889A 1 . . . . . 313, 367
802889Q 1 . . . . . 92, 313, 335, 339, 342, 346, 367
35 -802893A 4 . . . . . 171, 367
35 -802893Q01 . . . . . 78, 171
35 -802893Q 4 . . . . . 81, 171, 367
35 -802893T 78, 244–247
803061T 1 . . . . . 82, 85
31 -803496T 1 60
35 - 80365M 75
97 -803731 101
803743 847
803743Q01 . . . . . 847, 858
803743Q02 . . . . . 847, 859
47 -803748 . . . . . 230, 231
47 -803748 1 230
47 -803748Q01 230
47 -803748Q02 230
47 -803985T 873
97 -804043 . . . . . 102, 231
64 -804378A 1 625
804540 230
22 -804787Q 342
22 -804787T 73, 342, 346
3302-804844002 244–246
805100 867
805101T 867
805130A 6 449
805130A 8 449
805134A 3 449
805134A 6 532
805218T 448
87 -805268 . . . . . 122, 576
79 -805289A 1 422
805320A03 449
91 -805457T 1 874
91 -805475A 1 640
805759T 3 . . . . . 245, 246
35 -805809T 294
805984A 1 . . . . . 125, 126
97 -806000 184
806054A 1 . . . . . 121, 367
97 -806105T 1 . . . . . 183, 186
97 -806187A 1 . . . . . 182, 186
97 -806188A 2 . . . . . 183, 186
97 -806188Q01 . . . . . 183, 186
97 -806189A 2 . . . . . 183, 186
97 -806189T 1 . . . . . 183, 186
97 -806190A 2 . . . . . 183, 186
97 -806190T 1 . . . . . 183, 186
806193A49 121
35 -806329A 1 . . . . . 167, 168
23 -806445A 1 121
806490T 448
806688A02 . . . . . 177, 871
91 -806794A02 639
22 -806836A 3 . . . . . 124, 126
22 -806837A 1 . . . . . 125, 126
22 -806837A 2 125
806843A06 . . . . . 164, 166
46 -807151A25 . . . . . 152, 159
46 -807151A 5 . . . . . 152, 158, 159
35 -807172A 1 171
807252T 3 83
807252T 5 244–247
35 -807256T 173
807459A09 . . . . . 167, 168
807459A 3 167
807477A 5 . . . . . 131, 141, 142
807611T 130, 367
807639A 3 . . . . . 150, 159, 160
807901A 3 . . . . . 122, 123, 151
807901A 5 . . . . . 151, 158, 159
807901T 6 . . . . . 151, 158
91 -807903A 1 640
97 -808112 187
35 -808275 174
91 -808696 586
67 -808840Q 70
67 -808887Q 74, 170, 299
67 -808910 894
67 -808911 894
67 -808912 894
67 -808913 894
67 -808915 894
67 -808916 894
35 -809100 174
35 -809101 174
809485 . . . . . 214, 632
809486 . . . . . 214, 632
97 -809662T 100, 181, 185, 186, 857
809664A 1 . . . . . 100, 181, 185, 186, 856
97 -809666A02 . . . . . 181, 186, 857
97 -809666A03 . . . . . 181, 186, 857
97 -809666T 181, 182, 185, 186, 857
97 -809666T01 . . . . . 181, 186
97 -809670T 181, 182, 185, 186, 857
97 -809690A 1 180
35 -809867 174
35 -809868T 175
64 -809883A 1 624
811635K 2 244
84 -812441A10 . . . . . 365, 545, 546
84 -812441A15 . . . . . 365, 545, 546
84 -812441A20 . . . . . 365, 545, 546

84 -812475A20 . . . . . 365, 544
84 -812475A25 . . . . . 365, 544
84 -812475A 3 . . . . . 365, 544
812497A 4 469
812497A 5 469
812497A 6 470
812497T03 469
88 -812619 588
84 -812835A30 365
84 -812835A45 365
48 -812948A10 . . . . . 659, 704
48 -812949A02 . . . . . 658, 703, 781, 789, 817
48 -812950A02 . . . . . 658, 703, 781, 789, 817
48 -812950A10 . . . . . 659, 704
48 -812951A02 . . . . . 658, 703, 781, 817
48 -812954A10 . . . . . 658, 704, 782, 789
46 -812966A12 232
33 -813413 . . . . . 6, 15, 16
33 -813415 . . . . . 115, 117
33 -813416 . . . . . 6, 13–16
33 -813418 . . . . . 13, 14
33 -813421 4 . . . . . 119, 120
33 -813425 . . . . . 114, 117, 118
33 -813471 1 . . . . . 115, 116
33 -813472 . . . . . 13, 18
86 -813936T 584
86 -813937A 2 584
86 -813937T 585
87 -813960A 4 36
10 -814259 . . . . . 57, 59
87 -814324A 2 . . . . . 366, 565
87 -814407A 3 . . . . . 31, 580
86 -814433T 585
86 -814434T 585
814951 4 630
18 -815026 . . . . . 847, 848, 863
18 -815026 4 847
48 -815083A01 . . . . . 658, 703, 816, 833
48 -815083A02 . . . . . 658, 703, 816
48 -815084A01 . . . . . 816, 833
48 -815084A02 . . . . . 816, 833
17 -815111Q02 . . . . . 847, 863
87 -815200A02 579
87 -815200A 1 579
34 -815242A 3 197
815279A 3 20
815407T 5 244
815632A02 . . . . . 176, 871
48 -815758A46 709
48 -815760A46 709
1623-815822A28 194
1623-815822A30 194
1623-815822A36 194
1623-815822A47 193
1623-815822A52 193
1623-815822A53 193
1623-815822A55 193
35 -816168 294
35 -816296A 3 75
35 -816296K03 74
35 -816296K 2 74
35 -816296Q 2 74
54 -816311T 590
816318A 4 872
33 -816336Q 116, 119, 244–246
22 -816339 . . . . . 175, 367
816366A48 . . . . . 40, 45, 46
816431A 1 248
816492A 9 572
26 -816575A 4 248
84 -816626A11 . . . . . 327, 328, 330, 556
84 -816626A15 . . . . . 215, 327, 328, 330, 556
84 -816626A 2 . . . . . 215, 327, 328, 330, 556
84 -816626A20 . . . . . 215, 327, 328, 330, 557
84 -816626A24 . . . . . 216, 327, 328, 330, 557
84 -816626A25 557
84 -816626A29 . . . . . 327, 329, 330, 557
84 -816626A30 557
84 -816626A 8 . . . . . 327, 328, 330, 556
14 -816629K 865
14 -816629Q 865
816667A 2 . . . . . 48, 335, 339, 629, 630
816696A 1 . . . . . 51, 54, 55
816696A12 55
816696A 9 . . . . . 55, 56
48 -816702A45 . . . . . 660, 705, 783, 835
48 -816704A45 . . . . . 660, 705, 783, 835
48 -816706A45 . . . . . 660, 705, 783, 835
33 -816737Q 6, 13–17
47 -816814T 249, 250
22 -816856Q 3 73
22 -816856T 3 73
36 -816976Q 1 . . . . . 65, 66
817019Q 2 367
817019T 2 . . . . . 121, 367
817275A09 . . . . . 235, 236
84 -817659T01 581
817782 1 564
817883 1 564
817891 1 564
817928 1 564
817929 1 564
22 -818170A 2 175
97 -818298Q 1 . . . . . 99, 231–236
97 -818298T 1 . . . . . 99, 102, 103, 105–109
97 -818298T 3 . . . . . 99, 105–109, 231–235
818377A 2 199
819012 564
819013 564
819014 564
819015 564
819016 564
97 -819232 100
819504A 2 31

48 -820110A20 . . . . . 777, 834, 836
56 -820386A76 532
56 -820386A85 505
97 -820503 1 217
22 -820543A 1 . . . . . 62, 216
22 -820543A 6 216
22 -820573 . . . . . 62, 216
820671A18 . . . . . 212, 482
820675 . . . . . 212, 215, 475, 633
48 -821154A46 709
821190A 1 50
821190A 3 50
821455A16 44
821455A17 44
821455A20 . . . . . 39, 43
821455A22 44
821455A24 44
821455A26 43
821455T 8 . . . . . 40, 44
821468A 7 43
97 -821629A 2 . . . . . 180, 186
97 -821629T 1 . . . . . 180, 186
97 -821630A 2 . . . . . 180, 186
97 -821630T 1 . . . . . 180, 186
97 -821631T 1 . . . . . 180, 186
97 -821631T 3 . . . . . 180, 186
19 -821908 62
821932 1 847
822157T03 231
822157T 2 . . . . . 98, 101, 102, 105, 106
822344A11 30
822344A13 28–30
822434 591
50 -822462A06 . . . . . 35, 38
50 -822462A 1 38
50 -822462A 2 . . . . . 35, 38
50 -822462A 4 . . . . . 35, 38
822559Q01 856
822573A12 . . . . . 28–30, 332, 450–452
35 -822626Q15 . . . . . 90, 286, 287
97 -822777A 2 . . . . . 98, 182, 186
97 -822777Q 1 . . . . . 109, 182, 869
97 -822777T 1 . . . . . 98, 186
23 -822974 855
53 -822975 856
87 -823037A04 566
823054Q 567
48 -823478A46 . . . . . 660, 685–687, 697–699, 716
23 -823516 855
87 -823609A 7 . . . . . 35, 37, 38
97 -823912 . . . . . 99–101, 103, 230
97 -823912002 . . . . . 102, 231
97 -823913Q 98, 101, 103, 230
19 -824431 872
84 -824477A 3 . . . . . 36, 38
824954A 1 . . . . . 86, 324
32 -825191A03 . . . . 48, 49, 324, 342, 346, 353, 356, 360, 472, 473
825212A 1 . . . . . 83, 84, 232, 335
97 -825271 1 . . . . . 99, 101, 102, 105, 106
87 -825294A 2 . . . . . 36, 38
48 -825860A47 710
48 -825862A47 . . . . . 710, 833, 845
48 -825864A47 710
48 -825866A47 710
48 -825868A47 710
48 -825872A47 710
48 -825874A47 710
48 -825930A46 710
48 -825932A46 710
48 -825934A47 710
48 -825938A47 710
48 -825940A48 710
48 -825942A47 710
48 -825944A47 710
826074Q 1 . . . . . 847, 848, 854
97 -826134Q 100, 231–236
97 -826134T 100, 102, 103, 105–109, 235
97 -826134T 3 . . . . . 100, 106–109, 231–236
64 -826464 624
64 -826465 624
64 -826472A13 620
64 -826472A 8 620
64 -826472A 9 620
64 -826483A 1 624
64 -826496A 1 626
64 -826497A 1 625
64 -826501A 1 624
64 -826507A 2 627
64 -826511A 2 627
64 -826512A 2 627
64 -826513A14 625
64 -826513A16 625
64 -826513A18 625
64 -826513A20 625
64 -826513A22 625
64 -826513A24 625
64 -826525A 1 627
64 -826532A 1 627
826557A 1 472
11 -826709 11 861
11 -826711 12 861
11 -826711 17 58
11 -826711 27 862
1686-827214T25 201
48 -827312A45 . . . . . 660, 705
91 -827497A 1 74
827598T 847, 870
11 -827614A 3 860
11 -827614Q01 . . . . . 847, 860
11 -827614Q04 860
827691A 1 177
82779 . . . . . 474, 481
33 -827858Q 11, 12
33 -827859 . . . . . 8, 11

82795T . . . 97
828038A 1 . . . 23–25
48 -828150A12 . . . 659, 703, 818, 829
48 -828152A12 . . . 659, 703, 782, 818, 829
48 -828154A12 . . . 659, 703, 782, 818
48 -828156A12 . . . 659, 703, 782, 818, 829
48 -828158A12 . . . 659, 703, 782, 818, 829
91 -828363A 1 . . . 639
828369 . . . 92, 314
57 -828507Q 4 . . . 234
57 -828507Q 5 . . . 234
828813A29 . . . 40, 44, 45
828813A33 . . . 44, 45
33 -828942 . . . 8, 15, 18
47 -828989T 1 . . . 873
67 -829140A01 . . . 592
1641- 8294A14 . . . 194
1641- 8294A16 . . . 193
1641- 8294A19 . . . 193
1641- 8294J00 . . . 194
1641- 8294J01 . . . 193
1641- 8294J02 . . . 193
67 -831316 1 . . . 70
48 -831867A60 . . . 842
48 -831868A60 . . . 842
48 -831909A45 . . . 709
48 -831909A55 . . . 709
48 -831909L65 . . . 729, 743
48 -831910A45 . . . 709
48 -831910A55 . . . 709
48 -831910L60 . . . 724, 741
48 -831910L65 . . . 729, 743
48 -831910L80 . . . 723, 741
48 -831911A45 . . . 709
48 -831911A55 . . . 709
48 -831911L45 . . . 728, 743
48 -831911L65 . . . 728, 743
48 -831912A45 . . . 709
48 -831912A55 . . . 709
48 -831912L45 . . . 728, 743
48 -831912L60 . . . 723, 741
48 -831912L65 . . . 728, 743
48 -831912L80 . . . 723, 741
48 -831913A45 . . . 709
48 -831913A55 . . . 709
48 -831913L45 . . . 728, 743
48 -831913L65 . . . 728, 743
48 -831914A45 . . . 709
48 -831914A55 . . . 709
48 -831914L45 . . . 728, 743
48 -831914L60 . . . 723, 741
48 -831914L65 . . . 728, 743
48 -831914L80 . . . 723, 741
48 -831915A55 . . . 709
48 -831915L45 . . . 728, 743
48 -831915L65 . . . 728, 743
48 -831916A55 . . . 709
48 -831916L45 . . . 728, 743
48 -831916L60 . . . 723, 741
48 -831916L65 . . . 728, 743
48 -831916L80 . . . 723, 741
48 -831917A55 . . . 709
48 -831917L45 . . . 728, 743
48 -831917L65 . . . 728, 743
48 -831918A55 . . . 709
48 -831918L45 . . . 728, 743
48 -831918L60 . . . 723, 741
48 -831918L65 . . . 728, 743
48 -831918L80 . . . 723, 741
48 -831919A55 . . . 709
48 -831919L45 . . . 728, 743
48 -831919L65 . . . 728, 743
48 -831920A55 . . . 709
48 -831920L45 . . . 728, 743
48 -831920L65 . . . 728, 743
48 -832121L45 . . . 743
48 -832121L65 . . . 743
48 -832122L45 . . . 743
48 -832122L65 . . . 743
48 -832123L45 . . . 743
48 -832123L65 . . . 743
48 -832124L45 . . . 743
48 -832124L65 . . . 743
48 -832828A45 . . . 662, 664, 668, 674–677, 681–683, 689, 690, 695, 696, 706, 785, 827, 838, 839, 845
48 -832830A45 . . . 662, 664, 668, 674–677, 681–683, 689, 690, 695, 696, 706, 785, 838, 845
48 -832832A45 . . . 662, 664, 668, 674, 675, 677, 681, 683, 689, 690, 696, 706, 785, 827, 838, 845
48 -832834A45 . . . 662, 664, 668, 677, 683, 689, 690, 696, 706, 785, 827, 837, 838, 845
88 -832969 10 . . . 587
88 -832969 30 . . . 588
88 -832969T05 . . . 587
88 -832969T15 . . . 587
88 -832969T20 . . . 588
88 -832969T25 . . . 588
833006A 1 . . . 32, 324, 353
833072003 . . . 234
833072004 . . . 233
97 -833163A 1 . . . 217
834839Q . . . 848, 854
834899Q . . . 855
835257K 1 . . . 849
835257K12 . . . 848
835257K 6 . . . 849
835257Q 1 . . . 847, 849
835257Q12 . . . 848
835257Q 6 . . . 847, 849
835258K 1 . . . 850
835258K 2 . . . 850
835258Q 1 . . . 847, 850
835258Q 2 . . . 847, 850
835266Q 1 . . . 848, 851
835271Q09 . . . 853

835271Q 2 . . . . . 847, 853
835272Q09 . . . . . 853, 856
835272Q 1 . . . . . 847, 852
835274Q 1 . . . . . 847, 853
835277Q 1 . . . . . 848, 850
835278A 1 868
835278Q 1 . . . . . 848, 850
835279Q 2 . . . . . 848, 850
835281Q 1 . . . . . 848, 851
835282Q 1 . . . . . 848, 851
835283Q03 . . . . . 848, 852
835283Q 1 . . . . . 848, 851
835283Q 2 . . . . . 848, 851
835284Q 1 . . . . . 848, 852
835290Q 1 . . . . . 847, 848, 854
47 -835452T 874
64 -835457A11 . . . . . 214, 633
64 -835457A13 . . . . . 214, 633
64 -835457A15 . . . . . 214, 633
64 -835457A17 . . . . . 214, 633
64 -835457A19 . . . . . 214, 633
64 -835457A21 . . . . . 214, 633
64 -835457A23 . . . . . 214, 633
12 -835467008 848
12 -835467 5 . . . . . 847, 867
12 -835467 7 868
12 -835467K01 867
12 -835467Q01 . . . . . 847, 848, 867
83859T 97
840368A 1 198
44 -840377A 1 211
840382A02 856
12 -840383A 2 . . . . . 847, 860
840389K06 850
840389Q06 850
91 -840393A 1 211
44 -840450A03 196
44 -840451A03 196
1687-840560A27 201
1687-840560A28 201
1687-840560A29 201
1687-840560A38 201
1687-840560T33 201
1687-840560T34 201
1687-840560T35 201
1687-840560T37 201
1687-840561A27 201
1687-840561A28 201
1687-840561A29 201
1687-840561A35 201
1687-840561A37 201
1687-840561A38 201
1687-840561A63 201
1687-840561A64 201
1687-840561A65 201
1687-840561T33 201
1687-840561T34 201
1687-840561T36 201
1687-840561T69 201
1687-840561T70 201
1687-840561T71 201
35 -840634K01 290
840714A 1 . . . . . 354, 358
840714A24 . . . . . 354, 358
840716A19 . . . . . 355, 358
840716A 2 . . . . . 355, 358
841944A02 636
841945A02 636
842049A01 209
842049A02 209
842049A03 209
842049A04 209
842049A06 209
842049A08 209
842064A02 208
32 -842756T01 . . . . . 49, 200
842768A05 636
48 -842939L70 . . . . . 734, 745
48 -842940L70 . . . . . 734, 745
48 -842941L70 . . . . . 734, 745
48 -842941L80 . . . . . 734, 745
48 -842942L70 . . . . . 734, 745
48 -842942L80 . . . . . 734, 745
48 -842943L70 . . . . . 734, 745
48 -842943L80 . . . . . 734, 745
48 -842944L70 . . . . . 734, 745
48 -842944L80 . . . . . 734, 745
48 -842945L70 . . . . . 734, 745
48 -842945L80 . . . . . 734, 745
48 -842946L70 . . . . . 734, 745
48 -842946L80 . . . . . 734, 745
843042T03 204
843122T01 200
33 -843220Q 234
843426A 1 . . . . . 127, 203, 366
843426A 2 . . . . . 127, 203
843434A 1 . . . . . 127, 203, 366
843434A 2 . . . . . 127, 203
32 -843556A 1 637
32 -843675A 1 637
844342 205
844399T01 209
844464A30 469
844466A70 469
844634A74 469
844944A 1 . . . . . 454, 455, 636
844945A 1 . . . . . 454, 455, 636
845263A 1 . . . . . 875, 876
845457A 1 . . . . . 455, 636
845457A 6 . . . . . 455, 636
845532A02 637
845532A 1 637
845630A02 637
845630A 1 637

32 -845976 638
32 -845977 638
845983A 1 . . . . . 454, 455, 635, 636
32 -846051 638
846063A 1 455
846066A 1 455
846562A 1 202
846563A 1 202
846564A 1 202
846743A 1 202
846744A 1 202
846745A 1 202
846793A 1 455
846860T 1 637
847314A 1 875
45 -847633A 1 211
97 -847635 . . . . . 183, 186
848045A 7 197
848445A 1 . . . . . 454, 455, 635
848445A 6 . . . . . 454, 455, 635
97 -848653T 186
848703A 1 . . . . . 62, 200
32 -848789 638
848998A 1 . . . . . 62, 200
849143T 202
43 -849189T 2 201
48 -849246L62 . . . . . 721, 740
48 -849248L62 . . . . . 721, 740
849310T 202
849335T 202
849339T 202
34 -849484A 1 197
849496T05 196
23 -849501Q 1 855
48 -849506L62 . . . . . 721, 740
48 -849508L62 . . . . . 721, 740
849996T 1 . . . . . 163, 200
850000A 2 . . . . . 41, 45
850000A 3 . . . . . 41, 46
850000A 4 . . . . . 41, 44
850005A 2 . . . . . 215, 633
43 -850034T 60
850055A 2 83–85
12 -850076 . . . . . 847, 863
850330Q 848, 855
91 -850438 1 313
35 -850481 174
850697A 2 . . . . . 213, 215, 475, 634
850699 . . . . . 214, 632
91 -850730Q 1 304
850821Q11 . . . . . 847, 854
850821Q12 854
851052Q 426, 430, 531
67 -851058 894
64 -851621A12 624
64 -851621A14 624
64 -851621A16 624
64 -851621A18 624
64 -851621A20 624
64 -851622A 1 621
64 -851622A10 621
64 -851622A11 621
64 -851622A12 621
64 -851622A13 621
64 -851622A14 621
64 -851622A15 621
64 -851622A16 621
64 -851622A17 621
64 -851622A18 621
67 -851766 586
67 -851773 586
398 -852387A11 20
22 -852400 63
852962T 216
12 -853359 . . . . . 848, 868
12 -853555 . . . . . 847, 868
853762 . . . . . 102, 231
853762T01 . . . . . 101, 230, 231
853783A05 53
853783A06 53
853792A07 231
853824A04 . . . . . 628, 629
12 -853948T 847, 848, 868
64 -853951A10 . . . . . 212, 482
64 -853951A16 . . . . . 212, 482
64 -853951A18 . . . . . 212, 482
854256 1 231
48 -854340A45 . . . . . 661, 667, 685, 686, 705
48 -854342A45 . . . . . 661, 667, 685, 686, 705
48 -854352A45 . . . . . 661, 667, 676–678, 683–686, 695–699, 705
48 -854354A46 710
48 -854360A45 661, 667, 675–678, 683–685, 689, 690, 695–698, 706
12 -854621 . . . . . 848, 868
47 -854670T 873
854810T 1 216
84 -855390 546
35 -855514002 249
855654A 6 . . . . . 26, 28
47 -855708115 873
47 -855708T25 873
47 -855708T40 873
47 -855708T60 873
48 -855856A46 . . . . . 660, 685–687, 697–699, 716, 832, 835
48 -855858A46 . . . 660, 678, 685–687, 697–699, 716, 784, 831, 835
48 -855860A46 . . . 660, 678, 685–687, 697–699, 716, 784, 831, 835
48 -855862A46 . . . 660, 678, 685–687, 697–699, 716, 784, 831, 835
23 -856163Q 1 . . . . . 847, 855
48 - 85632A45 . . . . . 660, 685–687, 697–699, 705, 783, 832, 835
84 -856554A02 471
856557A 1 20
856558A 2 . . . . . 24, 25
97 -856581C 216, 217
856627T 3 216
87 -856654A 1 199

87 -856654A 2 . . . . . 198, 566
87 -856654A 4 566
48 -857022A46 709
48 -857024A46 . . . . . 709, 785
48 -857025A46 . . . . . 709, 785
48 -857026A46 . . . . . 709, 785
48 -857026L55 . . . . . 727, 742
48 -857027A46 . . . . . 709, 785
48 -857027L55 . . . . . 727, 742
48 -857028A46 . . . . . 710, 785
48 -857028L55 . . . . . 727, 742
48 -857029A46 . . . . . 710, 785
48 -857029L55 . . . . . 727, 742
48 -857030A46 . . . . . 710, 785
48 -857030L55 . . . . . 727, 742
48 -857031A46 . . . . . 710, 786
48 -857031L55 . . . . . 727, 742
48 -857032A46 710
48 -857032L55 . . . . . 727, 742
48 -857033A46 710
48 -857033L55 . . . . . 727, 742
35 -858004K 290
92 -858007Q01 300
92 -858008Q01 300
92 -858021QB1 274
92 -858022QB1 274
92 -858023QB1 274
92 -858024QB1 . . . . . 274, 275
92 -858026QB1 . . . . . 274, 275
92 -858027QB1 . . . . . 274, 275
92 -858028QB1 . . . . . 274, 275
92 -858029QB1 . . . . . 274, 275
92 -858037QB1 . . . . . 274, 275
92 -858038QB1 . . . . . 274, 275
92 -858039Q01 . . . . . 274, 276
92 -858058QB1 300
92 -858059QB1 300
92 -858061QB1 . . . . . 300, 301
92 -858062QB1 . . . . . 300, 301
92 -858064QB1 . . . . . 300, 301
92 -858065QB1 . . . . . 300, 302
92 -858067QB1 . . . . . 300, 302
92 -858068QB1 . . . . . 300, 302
92 -858074QB1 310
92 -858075QB1 310
92 -858078QB1 . . . . . 310, 617
92 -858084QE1 . . . . . 280, 284
92 -858119QE1 . . . . . 280, 284
858342A10 . . . . . 212, 482
858342A12 . . . . . 212, 482
858342A14 . . . . . 212, 482
858342A16 . . . . . 212, 482
858342A18 . . . . . 212, 482
858342A20 . . . . . 212, 482, 483
858342A22 . . . . . 212, 482, 483
858498 . . . . . 847, 866
858566A02 . . . . . 62, 320
858566A03 . . . . . 62, 342
858566A 1 62
84 -858740T06 550
858915A 1 . . . . . 31, 324
91 -859046M 1 875
91 -859046M 2 875
91 -859046M 3 875
91 -859046M 4 875
91 -859046Q 1 875
91 -859046Q 2 875
91 -859046Q 3 875
91 -859046Q 4 875
32 -859055 50 . . . . . 49, 473
11 -859073 409
11 -859073B 1 410
859074 2 . . . . . 392, 405
859074 3 . . . . . 392, 405
859074B 1 . . . . . 392, 405
859074B 2 . . . . . 392, 405
859074B 3 . . . . . 392, 405
859173 . . . . . 847, 870
859185A 1 472
859185A 2 472
859186A 1 471
859187A 1 . . . . . 450, 453
859210A 1 535
859219A 1 472
859223001 532
859223A01 532
859223B21 532
859318A04 . . . . . 524, 568
859318B 1 . . . . . 524, 568
859318B 2 . . . . . 524, 568
859318T 1 . . . . . 524, 568
859318T 2 . . . . . 524, 568
1623-859399T13 111
1623-859399T14 111
1623-859399T15 111
1623-859399T16 111
1623-859399T17 111
859447A 1 . . . . . 88, 871
33 -859495Q 12
859648A 2 . . . . . 411, 538
23 - 85964A 1 866
12 -859656 410
79 -859675A11 422
32 -859717A 2 . . . . . 92, 313, 342, 346
32 -859785100 447
859915 . . . . . 848, 868
859929 . . . . . 848, 862
859939 . . . . . 847, 848
22 -860099001 123
860315A 1 152
860427A 4 . . . . . 149, 158, 159, 161
860427A 5 . . . . . 150, 158–161
860427A 7 . . . . . 150, 159
35 -860603 . . . . . 175, 367

84 -860615002 . . . 546
84 -860616002 . . . 546
84 -860618 . . . 544
84 -860622 . . . 546
84 -860624 . . . 546
84 -860625 . . . 546
861014 . . . 422
1547-861063A10 . . . 191
1547-861063A12 . . . 191
1547-861063A 4 . . . 192
1547-861063A 6 . . . 191
1547-861063A 8 . . . 191
32 -861070T . . . 152
90 - 86147A 1 . . . 874
861481A 2 . . . 368, 632
861505A 1 . . . 161, 367
32 -861590A05 . . . 161
861776A 2 . . . 128, 366
22 -861932A 1 . . . 162
33 -862029 . . . 114, 116–118, 244
57 -862054Q . . . 244
22 -862210A01 . . . 149
862264A 7 . . . 170
862268A 4 . . . 165
862548A 1 . . . 27
862646 . . . 588
862647 . . . 588
35 -862889 . . . 294
11 -862907 . . . 862
862974A05 . . . 137
863187A 2 . . . 532
863188A 3 . . . 540
863188A 5 . . . 541
863188T 4 . . . 540
863208A 3 . . . 175, 202
863330A 2 . . . 131
32 -863642 . . . 314
863674A05 . . . 152, 155
863714T01 . . . 136
84 -863736T . . . 540
84 -863737T . . . 539
1589-863836A50 . . . 191
1589-863836A51 . . . 191
1589-863836A52 . . . 191
1589-863836A56 . . . 191
1589-863836A66 . . . 191
1589-863836A67 . . . 191
84 -863931A 1 . . . 540
84 - 86396A24 . . . 575
84 - 86396A 8 . . . 328, 330, 575
864206A02 . . . 176
864206A03 . . . 176
84 -864218 . . . 540
45 -864286A 1 . . . 165, 166
864306A 2 . . . 133, 139
864306A 3 . . . 133, 139
864306A 4 . . . 133, 139
864306A 5 . . . 133, 139
864493 . . . 244–247
1589-864571A70 . . . 192
1589-864571A72 . . . 192
35 -864572 . . . 170
35 -864572A 1 . . . 170, 367
864908A 1 . . . 134, 141
864908A 2 . . . 134, 141
864920A02 . . . 149, 155–157
864929A 1 . . . 133, 139
864929A 2 . . . 133, 139
864929A 3 . . . 133, 139
864929A 4 . . . 133, 139
84 -864988 . . . 531
864990A 1 . . . 167, 168, 367
864990A 2 . . . 167, 168, 367
77 -865001T02 . . . 155
77 -865003T03 . . . 155
77 -865005T03 . . . 156
77 -865006T04 . . . 157
77 -865008T04 . . . 157
77 -865009T04 . . . 157
32 -865022A 1 . . . 134, 139–141
32 -865024A 1 . . . 134, 138, 139
32 -865027A 1 . . . 134, 139
32 -865029A 1 . . . 134, 138, 139
32 -865033A 1 . . . 135, 140, 141
32 -865035A 1 . . . 135, 140, 141
32 -865039A02 . . . 153
32 -865039A 1 . . . 135, 140, 141, 153, 155–157
32 -865041A 1 . . . 135, 140, 141
32 -865043A 1 . . . 135, 138–141
32 -865090A01 . . . 154, 155
97 -865182A02 . . . 181, 183, 186
97 -865182Q01 . . . 181, 183, 186
865188T01 . . . 154
32 -865277A02 . . . 168, 169
32 -865278A03 . . . 169
32 -865278A04 . . . 169
32 -865281A02 . . . 169, 170
32 -865384A01 . . . 582
1589-865440H01 . . . 191
1589-865440H02 . . . 191
1589-865440H50 . . . 191
1589-865440H51 . . . 191
1589-865440H52 . . . 191
1589-865440H56 . . . 192
1589-865440H66 . . . 192
1589-865440H67 . . . 192
1589-865440H68 . . . 192
1589-865440H70 . . . 192
1589-865440H72 . . . 192
1589-865440H73 . . . 192
865585A02 . . . 121, 367
57 -865615Q02 . . . 122, 123
57 -865615Q03 . . . 151, 244–247
57 -865615Q04 . . . 244–246

57 -865615Q05 247
57 -865615Q06 . . . . . 246, 247
57 -865615Q07 . . . . . 122, 123, 151
57 -865615Q08 . . . . . 122, 123, 151, 244–247
57 -865615Q09 . . . . . 122, 123, 151, 244–246
57 -865615Q10 247
57 -865635Q01 248
57 -865635Q02 248
84 -865770A02 582
84 -865771A02 582
84 -865772T01 582
84 -865772T02 582
77 -865831T06 155
77 -865831T07 155
77 -865831T08 155
77 -865833T05 155
77 -865833T06 155
77 -865833T07 155
77 -865835T03 155
77 -865837T02 155
77 -865839T03 156
77 -865841T02 156
77 -865846T02 157
865949A01 . . . . . 136, 140
865995A01 . . . . . 132, 138
865996A01 . . . . . 132, 138
32 -865998A01 . . . . . 135, 140, 141, 154
866000A01 . . . . . 135, 138
866001A01 . . . . . 135, 139
866002A01 . . . . . 136, 141
866003A01 . . . . . 136, 138
866004A01 . . . . . 136, 139
866005A01 . . . . . 136, 141
866007A01 . . . . . 132, 138
77 -866123T05 156
77 -866123T06 156
77 -866125T05 156
77 -866125T06 156
866127T04 157
77 -866127T05 157
77 -866130T05 . . . . . 156, 157
866130T06 157
77 -866132T05 157
77 -866132T06 157
77 -866190T06 155
77 -866190T07 155
77 -866192T05 155
77 -866192T06 155
866208A02 . . . . . 134, 140
866208A03 . . . . . 134, 140
866209A01 . . . . . 136, 140
866237T04 155
866239T04 156
866241T06 157
866243T05 . . . . . 156, 157
866245T06 157
84 -866337T01 . . . . . 366, 551
35 -866340K01 244–248
35 -866340Q03 . . . . . 265, 290
84 -866377T01 551
1500-866458J00 192
1500-866458J01 191
1500-866458J02 191
1500-866458J03 191
1500-866458J04 191
1500-866459J00 192
1500-866459J01 192
1500-866459J02 192
1500-866459J03 192
1500-866459J04 192
91 -866590A02 639
35 -866594K01 . . . . . 171, 244
84 -866704T01 577
84 - 86939A 2 25
45 - 86978A 3 165
86 - 87223T 585
1257- 8742A21 . . . . . 86, 411, 538
1257- 8742A22 . . . . . 86, 411, 539
1257- 8742A23 . . . . . 86, 412, 539
1257- 8742A24 412
1257- 8742A25 . . . . . 320, 412
97 -875208 . . . . . 101, 103, 230, 231
875266A 2 . . . . . 49, 473
35 -875284T01 . . . . . 233, 234
47 -877326T 874
35 -877565T 1 75
877581A 2 212
877581A 4 . . . . . 215, 633
877581A 5 . . . . . 213, 475
35 -877761K01 . . . . . 90, 342, 350
35 -877761Q01 . . . . . 90, 233, 234, 285, 286, 342
35 -877767K01 . . . . . 90, 353
35 -877767Q01 . . . . . 90, 235, 285, 286, 352
35 -877769K01 . . . . . 91, 356
35 -877769Q01 . . . . . 91, 235, 236, 286, 356
877775A11 . . . . . 351, 354, 358
877775A12 . . . . . 351, 354, 358
877775A19 . . . . . 351, 354, 358
877775A21 . . . . . 354, 358
877775A23 . . . . . 354, 358
877775K17 . . . . . 354, 358
877775K31 . . . . . 351, 354, 358
877775K35 . . . . . 354, 358
877775K48 . . . . . 351, 354, 358
48 - 87818A45 . . . . . 660, 686, 687, 698, 699, 705, 783, 832, 835
91 -878373 313
91 -878375 313
878421 856
48 -878612A46 . . . . . 661, 678, 697–699, 715
48 -878614A46 . . . . . 661, 678, 697–699, 715
48 -878616A46 . . . . . 660, 678, 697–699, 715
879143 848
879147T94 120
84 -879148T41 515

879150054 . . . 249
879150A88 . . . 55, 339
79 -879169K14 . . . 404
84 -879171T01 . . . 537
84 -879171T02 . . . 537
84 -879171T03 . . . 537
84 -879171T04 . . . 537
84 -879171T05 . . . 537
84 -879171T06 . . . 537
84 -879171T07 . . . 537
84 -879171T08 . . . 537
84 -879171T09 . . . 537
84 -879171T10 . . . 537
84 -879171T11 . . . 537
84 -879171T21 . . . 535
84 -879171T22 . . . 535
84 -879171T23 . . . 535
35 -879172104 . . . 173, 249
57 -879172120 . . . 249
35 -879172143 . . . 249
32 -879172A16 . . . 153, 155–157
32 -879172A17 . . . 153, 157
91 -879172T28 . . . 299
879172T80 . . . 156
84 -879172T90 . . . 516
84 -879172T91 . . . 516
84 -879172T93 . . . 516
47 -879194186 . . . 249
57 -879194425 . . . 249
30 -879194A00 . . . 120, 211
77 -879194T17 . . . 156
77 -879194T39 . . . 156
77 -879194T41 . . . 157
77 -879194T44 . . . 156
879194T73 . . . 156
77 -879194T83 . . . 155
77 -879194T85 . . . 155
77 -879194T87 . . . 156
77 -879194T89 . . . 156
77 -879194T91 . . . 157
77 -879194T97 . . . 157
77 -879194T99 . . . 156
879288A02 . . . 149, 155
879288A03 . . . 124, 126
879288A12 . . . 129
879288A13 . . . 129, 147, 148, 366
879288A14 . . . 130, 147, 148, 367
879288A15 . . . 130, 147, 148, 367
879288A35 . . . 142, 148
879288A36 . . . 143, 148
879288A37 . . . 143, 148
879288A38 . . . 143, 148
879288A39 . . . 150, 155–157
879288A40 . . . 162, 368
879288T03 . . . 156
879288T62 . . . 149
879288T83 . . . 138, 148
879288T84 . . . 144, 146, 148
77 -879288T91 . . . 156
77 -879288T93 . . . 156
77 -879288T95 . . . 157
77 -879288T99 . . . 157
79 -879292A01 . . . 326, 328, 330
79 -879292A02 . . . 326, 328, 330, 332
879296T01 . . . 533
87 -879303A02 . . . 576
87 -879303A03 . . . 576
87 -879303A04 . . . 576
879305A01 . . . 352, 355, 359, 555
47 -879312025 . . . 249
35 -879312041 . . . 249, 294
84 -879312T10 . . . 515
84 -879312T12 . . . 509, 515
84 -879312T13 . . . 515
84 -879312T20 . . . 517
84 -879312T21 . . . 517
84 -879312T22 . . . 517
84 -879312T23 . . . 515
35 -879312T25 . . . 291
84 -879312T44 . . . 527, 548
84 -879312T45 . . . 527, 548
84 -879312T46 . . . 527, 548
84 -879312T47 . . . 527, 548
84 -879312T77 . . . 509, 555
84 -879312T78 . . . 509, 555
84 -879312T79 . . . 509, 555
879315T01 . . . 560
879315T07 . . . 577
84 -879345T61 . . . 516
84 -879345T62 . . . 516
84 -879345T63 . . . 516
84 -879345T64 . . . 516
879346A58 . . . 322
879346T24 . . . 589, 599
77 -879355T80 . . . 157
77 -879355T82 . . . 156
879365A21 . . . 489
35 - 87946K04 . . . 75
64 -879686 . . . 214, 632
879871 1 . . . 398, 408
879871 2 . . . 398, 408
879871B 1 . . . 398, 408
879872 1 . . . 400, 408
879872 2 . . . 400, 409
879872 3 . . . 400, 409
879872B 3 . . . 400, 409
35 -879884T . . . 76, 231, 232
35 -879885K . . . 75, 345
35 -879885Q . . . 75, 231–236, 335, 338, 342, 349, 352, 356
79 -879896K19 . . . 323, 337, 341, 344, 351, 355, 359, 364
79 -879896K21 . . . 323, 337, 341, 344, 351, 355, 359, 364, 403
11 -879900 . . . 409
11 -879900B 1 . . . 409
11 -879902 . . . 409

79 -879903K11 . . . 407
79 -879905K11 . . . 407
79 -879905K21 . . . 408
79 -879906K 1 . . . 407
79 -879909K 1 . . . 405
79 -879912K11 . . . 406
79 -879914K21 . . . 406
79 -879917K 1 . . . 405
79 -879920K21 . . . 407
79 -879921K 1 . . . 406
79 -879921K21 . . . 407
79 -879922K 1 . . . 406
79 -879924K 1 . . . 406
12 -879925 . . . 410
879949 1 . . . 402
879949 3 . . . 402
879949B 3 . . . 402
11 -879950 . . . 409
84 -879968T10 . . . 528, 549
84 -879968T15 . . . 528, 549
84 -879968T20 . . . 528, 549
84 -879968T25 . . . 528, 549
84 -879968T30 . . . 528, 549
84 -879968T50 . . . 528, 549
84 -879968T 6 . . . 528, 549
84 -879969T10 . . . 527, 548
84 -879969T15 . . . 527, 548
84 -879969T20 . . . 527, 548
84 -879969T30 . . . 527, 548
84 -879969T 6 . . . 527, 548
84 -879978T11 . . . 525, 542
84 -879979T11 . . . 525, 542
84 -879980T10 . . . 527, 549
84 -879980T15 . . . 527, 549
84 -879980T30 . . . 527, 549
84 -879981B20 . . . 528, 549
84 -879981T10 . . . 528, 549
84 -879981T15 . . . 528, 549
84 -879981T20 . . . 528, 549
84 -879981T25 . . . 528, 550
84 -879981T30 . . . 528, 550
84 -879981T50 . . . 528, 550
84 -879982B20 . . . 527, 549
84 -879982B30 . . . 527, 549
84 -879982T20 . . . 527, 549
84 -879982T25 . . . 527, 549
84 -879982T30 . . . 527, 549
880093A03 . . . 40, 44–46, 335, 339
880093A 1 . . . 472
880093A 2 . . . 472
880095A04 . . . 45, 46
880095A05 . . . 40, 45, 46
880095A08 . . . 333, 336, 471
880095A11 . . . 471
880095A12 . . . 471
57 -880566Q14 . . . 235, 236
97 -880653 . . . 100, 103, 235, 236
1600-880686A43 . . . 111
1600-880686A44 . . . 111
1600-880686A51 . . . 111
1600-880686A52 . . . 111
1600-880686A53 . . . 111
1600-880686T13 . . . 113
1600-880686T14 . . . 113
1600-880686T15 . . . 113
1600-880686T16 . . . 113
1600-880686T17 . . . 113
1600-880686T23 . . . 113
1600-880686T24 . . . 113
1600-880686T25 . . . 113
1600-880686T54 . . . 113
1600-880686T55 . . . 113
1600-880686T56 . . . 113
1600-880686T57 . . . 113
1600-880686T58 . . . 113
1600-880686T59 . . . 113
10 -880717A01 . . . 356
84 -880756T05 . . . 526, 543
84 -880756T 1 . . . 526, 543
84 -880756T10 . . . 527, 543
84 -880756T 3 . . . 526, 543
84 -880756T30 . . . 527, 543
35 -880830T . . . 173
87 - 88107A10 . . . 556
87 - 88107A13 . . . 326, 328, 330, 554, 556
87 - 88107A 3 . . . 556
87 - 88107A 5 . . . 556
87 - 88107T12 . . . 556
84 -881125A 1 . . . 581
35 -881126K01 . . . 290
881150K 1 . . . 61, 163, 201, 325, 353, 357, 361, 367
881150Q 1 . . . 325, 353, 357, 361, 367
881170A11 . . . 465
881170A16 . . . 466
881170A 4 . . . 467
881170A 5 . . . 466
881170A 6 . . . 467
881170A 7 . . . 466
881170A 8 . . . 467
84 -881244A 1 . . . 532
33 -881284Q . . . 12
881879A13 . . . 534
881879A15 . . . 534
881879A 2 . . . 534
881879A22 . . . 534
881879A 3 . . . 534
11 - 88228 . . . 861
883053A 1 . . . 215, 633
883090A01 . . . 533
33 -883323001 . . . 9, 11, 12
88334A 2 . . . 93, 177, 332, 335, 338
84 -883459T01 . . . 530
35 -883702K . . . 244, 265
35 -883702Q . . . 290

91 -883704Q03 304
91 -883705T01 . . . . . 92, 641
883710A01 . . . . . 326, 327, 329, 331, 333, 462
883710A02 . . . . . 318, 321, 326, 327, 329, 331, 333, 336, 339, 343, 347, 462
883710A03 . . . . . 363, 462
47 -883796T01 874
26 - 88397A 1 248
88437 871
84 - 88439A25 32
84 - 88439A26 32
84 - 88439A50 . . . . . 32, 353, 356, 583
884481A 1 . . . . . 86, 324
67 -886560 218
67 -886561 218
67 -886562 218
1656- 8866A11 194
1656- 8866A62 193
1656- 8866A63 193
1656- 8866A64 194
1656- 8866A83 193
1656- 8866J00 194
1656- 8866J01 193
1656- 8866J07 194
1656- 8866J08 193
1656- 8866J09 194
1656- 8866J24 194
1656- 8866J25 194
1656- 8866J30 195
88688A22 . . . . . 318, 321, 333, 336, 339, 343, 347, 468
88688A23 . . . . . 363, 468
88688A24 . . . . . 333, 469
88688A25 . . . . . 318, 321, 333, 336, 339, 343, 347, 468
88688A26 . . . . . 363, 468
88688A27 . . . . . 333, 468
88688A94 363
1589- 8868A15 192
1589- 8868G21 192
12 -887972 . . . . . 847, 848, 865
87 -887979A 2 . . . . . 31, 324
84 -888429K11 553
84 -888429K12 553
12 -888451 . . . . . 848, 868
88845A 1 . . . . . 175, 211
888462A 1 591
888507T 524, 568
97 -888606 103
888617001 . . . . . 450, 453
888712 103
97 -888755K01 . . . . . 178, 248
97 -888755Q03 179
97 -888755Q04 179
97 -888756K01 . . . . . 179, 248
97 -888756K02 178
97 -888756Q03 179
97 -888756Q04 178
97 -888757K01 179
97 -888757Q02 179
97 -888758K01 . . . . . 179, 248
97 -888760K01 179
97 -888760K02 179
97 -888760Q04 179
97 -888761K01 . . . . . 179, 248
97 -888761K02 . . . . . 179, 248
97 -888761Q03 179
97 -888761Q04 179
1600-888845T01 112
1600-888845T02 112
1600-888845T03 112
12 -888939 848
889074A 1 . . . . . 125, 126
91 -889236 176
84 -889244T01 552
889246A16 230
889246A33 470
889246A34 470
889246A80 470
889246A81 470
33 -889246Q39 . . . . . 12, 235, 236
889250K01 . . . . . 341, 411, 421
91 -889277 . . . . . 91, 314
91 -889277002 . . . . . 91, 315
91 -889277K01 . . . . . 342, 350
91 -889277Q01 . . . . . 92, 172, 291, 315, 342
91 -889277Q03 . . . . . 92, 315
84 -889282A01 582
84 -889282A02 583
84 -889295T 341, 345, 581
87 -889305T01 458
87 -889305T02 459
889432A 1 . . . . . 122, 123, 151
889433A 1 . . . . . 122, 123, 151
889454A02 628
64 -889457A01 625
33 -889597Q 234
19 -889725047 873
19 -889725T28 872
19 -889725T35 872
64 -889930A01 623
64 -889930A02 623
64 -889930A03 623
64 -889930A08 620
64 -889930A09 620
64 -889930A10 620
64 -889930A11 620
64 -889930A12 620
64 -889930A13 620
64 -889930A14 620
64 -889930A15 620
64 -889930A16 620
64 -889930A17 620
64 -889930A18 620
64 -889930A19 620
64 -889930A20 620

64 -889931A17 621
64 -889932A12 621
64 -889932A17 621
64 -889933A01 623
64 -889933Q10 622
64 -889933Q12 622
64 -889934A05 . . . . . 320, 343, 346, 353, 613, 617
64 -889934A06 . . . . . 614, 618
64 -889934A08 622
64 -889934A09 622
64 -889934A14 622
64 -889934A15 622
64 -889934A19 622
64 -889935A18 618
64 -889936A09 618
64 -889937A01 623
64 -889937Q08 619
64 -889937Q13 619
64 -889937Q14 619
64 -889937Q19 619
64 -889937Q27 619
64 -889939A09 622
64 -889939A10 622
64 -889939A11 622
64 -889939A12 622
64 -889939A13 622
64 -889939A14 622
64 -889939A15 622
64 -889939A16 622
64 -889939A17 622
64 -889939A18 622
64 -889939A19 622
64 -889939A20 622
64 -889940A10 619
64 -889940A11 619
64 -889940A12 619
64 -889940A13 619
64 -889940A14 619
64 -889940A15 619
64 -889940A16 619
64 -889940A17 619
64 -889940A18 619
64 -889940A19 619
64 -889940A20 619
64 -889940A21 619
64 -889940A22 619
64 -889940A23 620
64 -889940A24 620
64 -889940A27 620
64 -889940A28 620
64 -889940A29 620
64 -889940A30 620
64 -889940A32 620
64 -889940A34 620
64 -889940A36 620
64 -889940A38 620
64 -889940A40 620
64 -889940A48 620
64 -889940A50 620
48 -889964A65 710
48 -889964L44 . . . . . 733, 744
48 -889964L45 . . . . . 732, 744
48 -889964L48 . . . . . 734, 745
48 -889964L49 . . . . . 734, 745
48 -889964L63 . . . . . 732, 744
48 -889964L64 . . . . . 732, 744
48 -889964L65 . . . . . 732, 744
48 -889964L68 . . . . . 733, 745
48 -889964L69 . . . . . 733, 745
48 -889965A65 710
48 -889965L44 . . . . . 732, 744
48 -889965L45 . . . . . 732, 744
48 -889965L48 . . . . . 733, 745
48 -889965L49 . . . . . 733, 745
48 -889965L63 . . . . . 732, 744
48 -889965L64 . . . . . 732, 744
48 -889965L65 . . . . . 732, 744
48 -889965L68 . . . . . 733, 745
48 -889965L69 . . . . . 733, 745
48 -889966A65 710
48 -889966L44 . . . . . 732, 744
48 -889966L45 . . . . . 732, 744
48 -889966L48 . . . . . 733, 745
48 -889966L49 . . . . . 733, 745
48 -889966L63 . . . . . 732, 744
48 -889966L64 . . . . . 732, 744
48 -889966L65 . . . . . 732, 744
48 -889966L68 . . . . . 733, 745
48 -889966L69 . . . . . 733, 745
48 -889967A65 710
48 -889967L44 . . . . . 732, 744
48 -889967L45 . . . . . 732, 744
48 -889967L48 . . . . . 733, 745
48 -889967L49 . . . . . 733, 745
48 -889967L63 . . . . . 732, 744
48 -889967L64 . . . . . 732, 744
48 -889967L65 . . . . . 732, 744
48 -889967L68 . . . . . 733, 745
48 -889967L69 . . . . . 733, 745
48 -889968A65 710
48 -889968L44 . . . . . 732, 745
48 -889968L45 . . . . . 732, 745
48 -889968L48 . . . . . 733, 745
48 -889968L49 . . . . . 733, 745
48 -889968L63 . . . . . 732, 745
48 -889968L64 . . . . . 732, 745
48 -889968L65 . . . . . 732, 745
48 -889968L68 . . . . . 733, 745
48 -889968L69 . . . . . 733, 745
48 -889969A65 710
48 -889969L44 . . . . . 732, 745
48 -889969L45 . . . . . 732, 745
48 -889969L48 . . . . . 733, 745
48 -889969L49 . . . . . 733, 745

48 -889969L63 . . . . . 732, 745
48 -889969L64 . . . . . 732, 745
48 -889969L65 . . . . . 732, 745
48 -889969L68 . . . . . 733, 745
48 -889969L69 . . . . . 733, 745
48 -889970A65 710
48 -889970L44 . . . . . 732, 745
48 -889970L45 . . . . . 732, 745
48 -889970L48 . . . . . 733, 745
48 -889970L49 . . . . . 733, 745
48 -889970L63 . . . . . 732, 745
48 -889970L64 . . . . . 732, 745
48 -889970L65 . . . . . 732, 745
48 -889970L68 . . . . . 733, 745
48 -889970L69 . . . . . 733, 745
48 -889971A65 710
48 -889971L44 . . . . . 732, 745
48 -889971L45 . . . . . 732, 745
48 -889971L48 . . . . . 733, 745
48 -889971L49 . . . . . 733, 745
48 -889971L63 . . . . . 732, 745
48 -889971L64 . . . . . 732, 745
48 -889971L65 . . . . . 732, 745
48 -889971L68 . . . . . 733, 745
48 -889971L69 . . . . . 733, 745
48 -889972A65 710
48 -889972L44 . . . . . 732, 745
48 -889972L45 . . . . . 732, 745
48 -889972L48 . . . . . 733, 745
48 -889972L49 . . . . . 733, 745
48 -889972L63 . . . . . 732, 745
48 -889972L64 . . . . . 732, 745
48 -889972L65 . . . . . 732, 745
48 -889972L68 . . . . . 733, 745
48 -889972L69 . . . . . 733, 745
48 -889972L84 . . . . . 732, 745
48 -889972L85 . . . . . 732, 745
48 -889972L88 . . . . . 733, 745
48 -889972L89 . . . . . 733, 745
48 -889973A65 710
48 -889973L44 . . . . . 732, 745
48 -889973L45 . . . . . 732, 745
48 -889973L48 . . . . . 733, 745
48 -889973L49 . . . . . 733, 745
48 -889973L63 . . . . . 732, 745
48 -889973L64 . . . . . 732, 745
48 -889973L65 . . . . . 732, 745
48 -889973L68 . . . . . 733, 745
48 -889973L69 . . . . . 733, 745
48 -889973L84 . . . . . 732, 745
48 -889973L85 . . . . . 732, 745
48 -889973L88 . . . . . 733, 745
48 -889973L89 . . . . . 733, 745
48 -889974A65 710
48 -889974L44 . . . . . 733, 744
48 -889974L45 . . . . . 733, 744
48 -889974L48 . . . . . 734, 745
48 -889974L49 . . . . . 734, 745
48 -889974L63 . . . . . 733, 744
48 -889974L64 . . . . . 733, 744
48 -889974L65 . . . . . 733, 744
48 -889974L68 . . . . . 734, 745
48 -889974L69 . . . . . 734, 745
48 -889975A65 710
48 -889975L44 . . . . . 733, 744
48 -889975L45 . . . . . 733, 744
48 -889975L48 . . . . . 734, 745
48 -889975L49 . . . . . 734, 745
48 -889975L63 . . . . . 733, 744
48 -889975L64 . . . . . 733, 744
48 -889975L65 . . . . . 733, 744
48 -889975L68 . . . . . 734, 745
48 -889975L69 . . . . . 734, 745
48 -891510A01 721
22 -891533 447
64 -891665Q01 616
64 -891665Q04 616
64 -891666Q04 . . . . . 616, 626
64 -891666Q05 616
64 -891667Q01 . . . . . 613, 614, 617, 618, 626
64 -891762A04 . . . . . 42, 595
891777A01 . . . . . 450, 452, 453, 531
84 -891957K01 529
84 -891963A01 459
84 -892092T01 551
32 -892156A01 319
79 -892219K19 . . . . . 323, 337, 341, 344, 351, 355, 359, 364, 403
79 -892219K20 . . . . . 323, 337, 341, 344, 351, 355, 359, 364, 403
84 -892323A10 . . . . . 526, 542
84 -892323T01 . . . . . 526, 542
84 -892323T08 . . . . . 526, 542
91 -892333 641
892367T03 608
892380A02 . . . . . 353, 357, 361
892380K05 . . . . . 350, 353, 357, 361
892380K36 . . . . . 353, 357, 361
26 - 89238A 2 59
32 -892438K02 . . . . . 350, 354, 357, 361
32 -892438K24 . . . . . 354, 357, 361
892440A18 . . . . . 357, 361
84 -892451B20 547
84 -892451T06 . . . . . 352, 356, 360, 365, 546
84 -892451T10 . . . . . 365, 547
84 -892451T15 . . . . . 365, 547
84 -892451T20 . . . . . 365, 547
84 -892451T25 . . . . . 365, 547
84 -892451T30 . . . . . 366, 547
84 -892451T40 . . . . . 352, 356, 360, 366
84 -892452T01 528
84 -892453A01 528
84 -892473A01 . . . . . 327, 329, 330, 465, 575
892486K04 . . . . . 204, 421
892486K05 . . . . . 205, 421
892486K07 . . . . . 204, 420

892486K08 . . . . . 347, 351, 355, 359, 420
892486T04 421
892516K53 . . . . . 357, 361
892516K63 . . . . . 357, 361
22 -892517 603
22 -892518 603
22 -892519 603
22 -892520 603
22 -892521 603
22 -892522 604
22 -892523 604
22 -892524 604
22 -892525 604
22 -892526 604
22 -892527 604
22 -892528 604
892558K33 . . . . . 357, 361
892560K31 350
892560K35 . . . . . 353, 357, 361
892560K56 . . . . . 353, 357, 361
33 -892567Q 16, 233
35 -892687A02 172
67 -892762A01 592
67 -892762A02 592
67 -892762A05 592
67 -892763A14 609
67 -892763A15 609
67 -892763A24 609
64 -892789Q22 . . . . . 325, 354, 608, 623
64 -892789Q23 . . . . . 608, 623
64 -892789Q24 . . . . . 608, 623
64 -892789Q25 . . . . . 608, 623
64 -892789Q26 . . . . . 608, 623
64 -892789Q27 . . . . . 354, 608, 623
892789Q32 608
892789Q33 608
64 -892790A01 474
64 -892790A02 474
892822A02 . . . . . 358, 362, 609
32 -892825008 . . . . . 354, 357, 361, 602
32 -892825010 602
32 -892825012 603
32 -892825014 603
32 -892825016 603
32 -892825018 603
32 -892825020 603
32 -892825022 603
32 -892825024 603
32 -892825026 . . . . . 354, 357, 361, 603
892864T04 . . . . . 235, 236
91 -892866A01 . . . . . 92, 287, 356
84 -892868T01 . . . . . 353, 357, 361, 600
84 -892868T02 . . . . . 354, 357, 361, 600
84 -892868T03 600
84 -892955A02 500
84 -892955K03 499
84 -892955K04 . . . . . 352, 356, 360
84 -892955K05 . . . . . 356, 360, 499
892955K22 499
892955K32 . . . . . 354, 358
84 -892955T03 500
892984A01 . . . . . 351, 354, 358
892984A02 . . . . . 351, 354, 358
892984K31 . . . . . 350, 354, 358
892984K32 . . . . . 350, 354, 358
84 -892990T01 . . 318, 322, 327–330, 332, 334, 336, 340, 344, 347, 365, 544, 558
84 -892990T10 . . 318, 322, 328, 330, 332, 334, 336, 340, 344, 347, 365, 544, 558
84 -892990T15 . . 318, 322, 328, 330, 332, 334, 336, 340, 344, 347, 365, 544, 558
35 -893318T02 . . . . . 89, 235, 236
84 -893330K01 550
87 -893353A02 . . . . . 352, 355, 359, 554, 560
87 -893353A03 . . . . . 352, 356, 359, 554, 560
87 -893353A04 . . . . . 352, 356, 359, 554, 560
87 -893353A05 . . . . . 352, 356, 359, 554, 561
87 -893353A06 . . . . . 356, 359, 554, 561
87 -893353T04 554
893359K01 456
893359K03 . . . . . 351, 355, 358, 456
84 -893377K01 498
84 -893377K04 . . . . . 352, 356, 360, 498
84 -893378A02 500
84 -893378K01 499
84 -893378K03 499
84 -893378K04 . . . . . 352, 356, 360
893388A01 . . . . . 524, 568
28 -893394002 598
893396A02 . . . . . 358, 362, 608
97 -893404 . . . . . 103, 235, 236
87 -893449T01 556
84 -893452A01 . . . . . 529, 550
893696 629
89491 1 562
89491 10 562
89491 11 562
89491 12 562
89491 2 562
89491 3 562
89491 4 562
89491 5 562
89491 6 562
89491 7 562
89491 8 562
89491 9 562
91 -895040K01 . . . . . 353, 357, 361, 601
1623- 8951A33 192
1623- 8951A37 194
1623- 8951A39 194
1623- 8951A43 192
35 -895207 . . . . . 249, 293
79 -895283A01 423
79 -895283A02 . . . . . 422, 423
79 -895283A03 . . . . . 318, 321, 334, 336, 347, 363, 422, 423

79 -895283A05 . . . . . 318, 321, 336, 340, 343, 347, 423
79 -895283A06 . . . . . 318, 321, 340, 343, 422, 423
79 -895283A21 427
79 -895283A22 427
79 -895283A23 . . . . . 318, 321, 334, 336, 347, 363, 422, 427
79 -895283A25 . . . . . 318, 321, 336, 340, 343, 347, 427
79 -895283A26 . . . . . 318, 321, 340, 343, 427
79 -895283A41 430
79 -895283A42 430
79 -895283A43 . . . . . 326, 328, 329, 331, 363, 430
79 -895283A45 431
79 -895283A46 431
79 -895283B43 431
79 -895283Q01 434
79 -895283Q02 434
79 -895283Q03 318, 321, 326, 328, 329, 331, 334, 336, 347, 363, 434
79 -895283Q05 . . . . . 318, 321, 336, 340, 343, 347, 434
79 -895283Q06 . . . . . 318, 321, 340, 343, 435
79 -895283Q21 441
79 -895283Q22 441
79 -895283Q23 . . 318, 322, 326, 328, 332, 334, 336, 347, 363, 441
79 -895283Q25 . . . . . 318, 321, 329, 336, 340, 343, 347, 441
79 -895283Q26 . . . . . 318, 321, 340, 343
79 -895283Q41 444
79 -895283Q43 . . . . . 422, 444
79 -895283Q45 . . . . . 422, 444
79 -895283Q46 444
79 -895283Q61 437
79 -895283Q62 438
79 -895283Q63 . . . . . 363, 438
79 -895283Q65 438
79 -895283Q66 438
895284A01 470
895284A02 470
79 -895285A01 . . . . . 334, 336, 423
79 -895285A03 . . . . . 318, 322, 334, 337, 340, 344, 347, 363, 424
79 -895285A04 . . . . . 322, 347, 363, 424
79 -895285A06 424
79 -895285A08 424
79 -895285A21 . . . . . 334, 336, 427
79 -895285A23 . . . . . 318, 322, 334, 337, 340, 344, 347, 363, 428
79 -895285A24 . . . . . 322, 347, 363, 428
79 -895285A26 428
79 -895285A28 428
79 -895285A41 . . . . . 328, 330, 332, 431
79 -895285A43 . . . . . 363, 431
79 -895285A44 . . . . . 363, 431
79 -895285A46 431
79 -895285A48 432
79 -895285B43 431
79 -895285Q01 . . . . . 328, 330, 332, 334, 336, 435
79 -895285Q03 . . . . . 318, 322, 334, 337, 340, 344, 347, 363, 435
79 -895285Q04 . . . . . 322, 347, 363, 435
79 -895285Q08 435
79 -895285Q21 . . . . . 328, 330, 332, 334, 336, 441
79 -895285Q23 . . . . . 318, 322, 334, 337, 340, 344, 347, 363, 441
79 -895285Q24 . . . . . 322, 347, 363, 441
79 -895285Q28 442
79 -895285Q43 444
79 -895285Q61 438
79 -895285Q63 . . . . . 363, 438
79 -895285Q64 . . . . . 363, 438
79 -895285Q68 439
79 -895286A01 . . . . . 318, 322, 334, 337, 340, 344, 348, 363, 424
79 -895286A21 . . . . . 318, 322, 334, 337, 340, 344, 348, 363, 428
79 -895286A41 . . . . . 328, 330, 332, 363, 432
79 -895286B01 424
79 -895286Q01 . . . . 319, 322, 328, 330, 332, 334, 337, 340, 344, 348, 363, 435
79 -895286Q21 . . . . 319, 322, 328, 330, 332, 334, 337, 340, 344, 348, 363, 442
79 -895286Q41 444
79 -895286Q61 . . . . . 363, 439
79 -895287A01 . . . . . 322, 348, 364, 424
79 -895287A02 424
79 -895287A03 425
79 -895287A21 . . . . . 322, 348, 364, 428
79 -895287A22 428
79 -895287A23 429
79 -895287A41 . . . . . 364, 432
79 -895287A42 432
79 -895287Q01 . . . . . 322, 348, 364, 435
79 -895287Q02 436
79 -895287Q21 . . . . . 322, 348, 364, 442
79 -895287Q22 442
79 -895287Q41 445
79 -895287Q61 . . . . . 364, 439
79 -895287Q62 439
79 -895288A01 . . . . . 319, 425
79 -895288A02 425
79 -895288A03 . . . . . 322, 334, 337, 348, 425
79 -895288A04 425
79 -895288A05 . . . . . 340, 344, 425
79 -895288A06 425
79 -895288A21 . . . . . 319, 429
79 -895288A22 429
79 -895288A23 . . . . . 322, 334, 337, 348, 429
79 -895288A24 429
79 -895288A25 . . . . . 340, 344, 429
79 -895288A41 432
79 -895288A43 432
79 -895288A44 432
79 -895288A45 433
79 -895288A46 433
79 -895288Q01 . . . . . 319, 436
79 -895288Q02 436
79 -895288Q03 . . . . . 322, 332, 334, 337, 348, 436
79 -895288Q04 436
79 -895288Q05 . . . . . 340, 344, 436
79 -895288Q06 436
79 -895288Q21 . . . . . 319, 442
79 -895288Q22 442
79 -895288Q23 . . . . . 322, 332, 334, 337, 348, 442
79 -895288Q24 443

79 -895288Q25 . . . . . 340, 344, 443
79 -895288Q41 445
79 -895288Q42 445
79 -895288Q43 445
79 -895288Q44 445
79 -895288Q45 445
79 -895288Q61 439
79 -895288Q63 439
79 -895288Q64 439
79 -895288Q65 439
79 -895288Q66 440
79 -895289A01 . . . . . 364, 425
79 -895289A02 425
79 -895289A21 . . . . . 364, 429
79 -895289A22 429
79 -895289A41 . . . . . 364, 433
79 -895289A42 433
79 -895289Q01 . . . . . 364, 436
79 -895289Q21 . . . . . 364, 443
79 -895289Q41 445
79 -895289Q61 . . . . . 364, 440
79 -895290A01 . . . . . 322, 426
79 -895290A21 . . . . . 322, 429
79 -895290A41 433
79 -895290Q01 . . . . . 322, 437
79 -895290Q61 440
79 -895291A01 . . . . . 319, 322, 334, 337, 340, 344, 348, 363, 426
79 -895291A21 . . . . . 319, 322, 334, 337, 340, 344, 348, 363, 430
79 -895291A41 . . . . . 328, 330, 332, 364, 433
79 -895291B01 426
79 -895291B11 437
79 -895291B31 443
79 -895291B41 433
79 -895291Q01 . . . . 319, 322, 328, 330, 332, 334, 337, 340, 344, 348, 364, 437
79 -895291Q21 . . . . 319, 322, 328, 330, 332, 334, 337, 340, 344, 348, 364, 443
79 -895291Q41 446
79 -895291Q61 . . . . . 364, 440
79 -895292A01 . . . . . 319, 322, 334, 337, 340, 344, 348, 364, 426
79 -895292A21 . . . . . 319, 322, 334, 337, 340, 344, 348, 364, 430
79 -895292A41 . . . . . 332, 364, 433
79 -895292B31 443
79 -895292B41 433
79 -895292Q01 . . 319, 322, 332, 334, 337, 340, 344, 348, 364, 437
79 -895292Q21 . . 319, 322, 332, 334, 337, 340, 344, 348, 364, 443
79 -895292Q41 446
79 -895292Q61 . . . . . 364, 440
79 -895294A01 . . . . . 322, 348, 364, 426
79 -895294A21 . . . . . 322, 348, 364
79 -895294A41 . . . . . 364, 434
79 -895294Q01 . . . . . 322, 348, 364, 437
79 -895294Q21 . . . . . 322, 348, 364, 443
79 -895294Q41 446
79 -895294Q61 . . . . . 364, 440
79 -895295A01 . . . . . 319, 322, 334, 337, 340, 344, 348, 364, 426
79 -895295A21 . . . . . 319, 322, 334, 337, 340, 344, 348, 364, 430
79 -895295A41 . . . . . 328, 330, 332, 364, 434
79 -895295Q01 . . . . 319, 322, 328, 330, 332, 334, 337, 340, 344, 348, 364, 437
79 -895295Q21 . . . . 319, 322, 328, 330, 332, 334, 337, 340, 344, 348, 364, 444
79 -895295Q41 446
79 -895295Q61 . . . . . 364, 440
895299A02 23–25
895299A03 . . . . . 23, 25
91 -895343T02 . . . . . 93, 641
84 -895388T02 577
84 -895744A02 578
84 -895744A04 578
895764A01 88
895816A02 . . . . . 357, 361
895817A02 . . . . . 357, 361
84 -895820T02 541
22 -896094A01 340
35 -896247 . . . . . 89, 235
896297A01 . . . . . 94, 327
67 -896305001 56
896309 249
33 -896323 . . . . . 6, 15
33 -896329818 116
33 -896329827 . . . . . 5, 13–17
33 -896329874 . . . . . 10, 15
33 -896329898 7
47 -896332063 249
84 -896333T25 552
896346708 195
91 -896352A01 591
84 -896370T01 . . . . . 529, 550
84 -896372K02 . . . . . 352, 356, 360
84 -896377K01 499
84 -896377K02 . . . . . 356, 360
84 -896377K03 . . . . . 356, 360
84 -896377T02 502
84 -896380T05 560
67 -896392 56
84 -896394T01 577
89645A37 . . . . . 474, 481
84 -896537K02 . . . . . 323, 341, 345, 349, 366, 557
84 -896537K08 . . . . . 323, 341, 345, 349, 366, 557
84 -896537K11 . . . . . 319, 323, 332, 341, 345, 349, 366, 557
84 -896537K15 . . . 319, 323, 332, 334, 338, 341, 345, 349, 366, 557
84 -896537K20 . . . 319, 323, 332, 334, 338, 341, 345, 349, 366, 558
84 -896537K24 . . . . . 319, 323, 341, 345, 349, 366, 558
84 -896537K25 . . . . . 323, 349, 558
84 -896537K29 . . . . . 319, 323, 332, 349, 366, 558
84 -896537K30 . . . . . 323, 349, 558
84 -896537K40 . . . . . 366, 558
84 -896537T02 . . . . . 326, 328, 330, 365, 543, 558
84 -896537T08 . . . . . 326, 328, 330, 365, 543, 558
84 -896537T11 . . . . . 326, 328, 330, 365, 543, 558
84 -896537T15 . . . . . 326, 328, 330, 365, 543, 558
84 -896537T20 . . . . . 326, 328, 330, 365, 543, 558
84 -896537T24 . . . . . 326, 328, 330, 365, 543, 558

84 -896537T29 . . . . . 326, 328, 330, 365, 543, 558
84 -896537T40 . . . . . 365, 543, 558
84 -896537T99 . . . . . 327, 329, 330, 544
84 -896539T01 550
84 -896539T05 550
84 -896539T08 550
84 -896540T01 551
84 -896541T01 . . . . . 327, 329, 330, 551
84 -896541T05 551
84 -896542T01 550
84 -896542T05 550
84 -896542T08 550
896609A01 351
896609A02 351
896609K31 . . . . . 351, 354, 358
896609K32 . . . . . 351, 354, 358
896648A07 . . . . . 46, 47
896688001 450
84 -896691T05 . . . . . 555, 561
84 -896691T10 . . . . . 555, 561
896691T15 . . . . . 555, 561
48 -896890A10 . . . . . 660, 704, 779, 783
48 -896892A40 . . . . . 660, 704, 779, 783
48 -896896A40 . . . . . 660, 704, 779, 783
48 -896900A40 . . . . . 660, 705, 779, 783
896919951 562
896919952 562
896919953 562
896919954 562
896919955 562
896919956 562
896919957 562
896919958 562
896919959 562
896919960 562
896919961 562
896919962 562
896919963 562
896919964 562
896919965 562
896919966 562
896919967 562
896919968 562
896919969 562
896919970 562
897001T 847, 869
84 -897345T08 . . . . . 491, 517
84 -897345T63 515
897453T 847, 869
897478K01 . . . . . 357, 361
897478K02 353
57 -897574Q01 233
48 -897614A10 . . . . . 658, 704, 782, 789
48 -897618A10 . . . . . 658, 704, 782, 789
32 -897643A01 . . . . . 600, 603
87 -897716451 562
87 -897716457 562
87 -897716460 563
87 -897716461 563
87 -897716462 563
87 -897716463 563
87 -897716821 563
87 -897716827 563
87 -897716830 563
87 -897716831 563
87 -897716832 563
87 -897716833 563
87 -897716841 563
87 -897716847 563
87 -897716850 563
87 -897716851 563
87 -897716852 563
87 -897716853 563
87 -897716K01 . . . . . 352, 355, 359, 554, 560
87 -897716K02 . . . . . 352, 355, 359, 555, 560
87 -897716K03 555
87 -897716K04 555
22 - 89771Q 2 . . . . . 73, 80, 172
22 - 89771T 2 73
22 -897726 605
22 - 89772T 1 71
48 -897748A11 . . . . . 659, 704, 783
48 -897750A11 . . . . . 659, 704, 783
48 -897752A11 . . . . . 659, 704, 783
48 -897754A11 . . . . . 659, 704
897977A03 . . . 318, 321, 326, 327, 329, 331, 333, 336, 340, 343, 347, 363
897977A04 . . . . . 326, 327, 331
897977A50 . . . . . 318, 321, 329, 333, 336, 340, 343, 347, 363
897978A03 . . . . . 318, 321, 333, 336, 340, 343, 347, 363
897978A50 . . . . . 318, 321, 333, 336, 340, 343, 347, 363
87 -897978T02 . . . . . 42, 320, 325, 339, 350, 595
84 -898059T15 541
84 -898059T20 541
84 -898059T25 541
84 -898059T30 541
898082A03 . . . . . 613, 617
898091T01 567
898091T02 567
898091T03 567
898091T04 567
898101045 628
57 -898101579 249
87 -898101A01 40
898101A45 . . . . . 333, 628, 629
898103138 629
898103A90 . . . . . 23, 25
898103A92 48
84 -898138T12 . . . . . 356, 360
84 -898138T70 . . . . . 356, 360
898235A01 . . . . . 162, 367
898235A02 . . . . . 162, 368
898245A01 . . . . . 88, 353, 356, 872
898253T28 245

898259K01 . . . 356, 360, 456
91 -898263A01 . . . 312
33 -898264001 . . . 114, 116–120
35 -898272048 . . . 249
84 -898284T01 . . . 526, 542
84 -898285T01 . . . 530, 639
898289045 . . . 583
898289046 . . . 583
898289A21 . . . 474
898289A48 . . . 584
898289A71 . . . 583
84 -898289A72 . . . 324, 349, 566
898289Q45 . . . 583
898289T42 . . . 526, 543
898289T47 . . . 583
84 -898289T75 . . . 204, 531
84 -898289T76 . . . 531
84 -898289T77 . . . 353, 357, 361
84 -898289T79 . . . 353, 357, 361
898349A02 . . . 617
898349A03 . . . 617
898349A11 . . . 350, 354, 598, 615
898349A14 . . . 350, 354, 598, 615
898349A15 . . . 598, 615
898370A03 . . . 325, 354, 608
19 -898432 . . . 613, 617, 626
89876A 3 . . . 80, 172
898966A02 . . . 325, 354, 608
48 -898988A46 . . . 709, 785
48 -898990A46 . . . 709, 785
48 -898991A46 . . . 709
48 -898992A46 . . . 709, 785
48 -898994A46 . . . 709, 785
48 -898995A46 . . . 709
48 -898996A46 . . . 709, 785
48 -898998A46 . . . 709, 785
48 -898999A46 . . . 709
48 -899000A46 . . . 709
48 -899002A46 . . . 709, 785
48 -899003A46 . . . 709
54 -899145 . . . 590
48 -899202A46 . . . 709
37 -899203A01 . . . 555
89949A 1 . . . 99, 109
18 - 89961 . . . 848
899625K02 . . . 320, 324, 342, 579
899625K04 . . . 320, 324, 342, 579
899625K05 . . . 353
899625K06 . . . 356, 360
899625K08 . . . 339, 579
899719T01 . . . 587
50 -899783A01 . . . 35, 38
84 -899785K02 . . . 553
84 -899785K04 . . . 352, 356, 360, 552
84 -899785K15 . . . 552
84 -899785K30 . . . 552
48 -899818A05 . . . 660, 716
48 -899820A05 . . . 660, 716
47 - 89984T 4 . . . 234
899859K03 . . . 504
84 -899887T01 . . . 509, 515
84 -899887T02 . . . 516
84 -899887T08 . . . 516
84 -899887T13 . . . 508, 516
84 -899887T14 . . . 508, 516
84 -899887T17 . . . 509, 517
84 -899888T21 . . . 508, 516
84 -899888T22 . . . 508, 516
84 -899888T23 . . . 508, 517
35 -8M0000202 . . . 171
35 -8M0000493 . . . 172
22 -8M0001721 . . . 73, 320, 324, 335, 338, 342, 345, 349
97 -8M0001734 . . . 99, 103
48 -8M0002277 . . . 748
48 -8M0002278 . . . 748
48 -8M0002279 . . . 748
48 -8M0002280 . . . 748
48 -8M0002281 . . . 748
48 -8M0002282 . . . 748
48 -8M0002283 . . . 748
48 -8M0002284 . . . 748
48 -8M0002285 . . . 748
48 -8M0002286 . . . 748
48 -8M0002287 . . . 749
48 -8M0002288 . . . 749
48 -8M0002289 . . . 749
48 -8M0002290 . . . 749
48 -8M0002293 . . . 749
48 -8M0002294 . . . 749
48 -8M0002295 . . . 749
48 -8M0002296 . . . 749
48 -8M0002297 . . . 749
48 -8M0002298 . . . 749
48 -8M0002299 . . . 749
48 -8M0002300 . . . 749
48 -8M0002301 . . . 749
48 -8M0002302 . . . 749
48 -8M0002303 . . . 749
48 -8M0002304 . . . 749
48 -8M0002305 . . . 750
48 -8M0002306 . . . 750
48 -8M0002307 . . . 748
48 -8M0002308 . . . 748
48 -8M0002309 . . . 748
48 -8M0002310 . . . 748
48 -8M0002311 . . . 748
48 -8M0002312 . . . 748
48 -8M0002313 . . . 748
48 -8M0002314 . . . 748
48 -8M0002315 . . . 748
48 -8M0002316 . . . 748
48 -8M0002317 . . . 749
48 -8M0002318 . . . 749
48 -8M0002319 . . . 749

48 -8M0002320 . . . 749
48 -8M0002321 . . . 749
48 -8M0002322 . . . 749
48 -8M0002323 . . . 749
48 -8M0002324 . . . 749
48 -8M0002325 . . . 749
48 -8M0002326 . . . 749
48 -8M0002327 . . . 749
48 -8M0002328 . . . 749
48 -8M0002329 . . . 749
48 -8M0002330 . . . 749
48 -8M0002331 . . . 749
48 -8M0002332 . . . 749
48 -8M0002333 . . . 749
48 -8M0002334 . . . 749
48 -8M0002335 . . . 750
48 -8M0002336 . . . 750
48 -8M0002337 . . . 748
48 -8M0002338 . . . 748
48 -8M0002339 . . . 748
48 -8M0002340 . . . 748
48 -8M0002341 . . . 748
48 -8M0002342 . . . 748
48 -8M0002343 . . . 748
48 -8M0002344 . . . 748
48 -8M0002345 . . . 748
48 -8M0002346 . . . 748
48 -8M0002347 . . . 749
48 -8M0002348 . . . 749
48 -8M0002349 . . . 749
48 -8M0002350 . . . 749
48 -8M0002351 . . . 749
48 -8M0002352 . . . 749
48 -8M0002353 . . . 749
48 -8M0002354 . . . 749
48 -8M0002355 . . . 749
48 -8M0002356 . . . 749
48 -8M0002357 . . . 749
48 -8M0002358 . . . 749
48 -8M0002359 . . . 749
48 -8M0002360 . . . 749
48 -8M0002361 . . . 749
48 -8M0002362 . . . 749
48 -8M0002363 . . . 749
48 -8M0002364 . . . 749
48 -8M0002365 . . . 750
48 -8M0002366 . . . 750
48 -8M0002367 . . . 748
48 -8M0002368 . . . 748
48 -8M0002369 . . . 748
48 -8M0002370 . . . 748
48 -8M0002371 . . . 748
48 -8M0002372 . . . 748
48 -8M0002373 . . . 748
48 -8M0002374 . . . 748
48 -8M0002375 . . . 748
48 -8M0002376 . . . 748
48 -8M0002377 . . . 749
48 -8M0002378 . . . 749
48 -8M0002379 . . . 749
48 -8M0002380 . . . 749
48 -8M0002381 . . . 749
48 -8M0002382 . . . 749
48 -8M0002383 . . . 749
48 -8M0002384 . . . 749
48 -8M0002385 . . . 749
48 -8M0002386 . . . 749
48 -8M0002387 . . . 749
48 -8M0002388 . . . 749
48 -8M0002389 . . . 749
48 -8M0002390 . . . 749
48 -8M0002391 . . . 749
48 -8M0002392 . . . 749
48 -8M0002393 . . . 749
48 -8M0002394 . . . 749
48 -8M0002395 . . . 750
48 -8M0002396 . . . 750
48 -8M0002397 . . . 748
48 -8M0002398 . . . 748
48 -8M0002399 . . . 748
48 -8M0002400 . . . 748
48 -8M0002401 . . . 748
48 -8M0002402 . . . 748
48 -8M0002403 . . . 748
48 -8M0002404 . . . 748
48 -8M0002405 . . . 748
48 -8M0002406 . . . 748
48 -8M0002407 . . . 749
48 -8M0002408 . . . 749
48 -8M0002409 . . . 749
48 -8M0002410 . . . 749
48 -8M0002411 . . . 749
48 -8M0002412 . . . 749
48 -8M0002413 . . . 749
48 -8M0002414 . . . 749
48 -8M0002415 . . . 749
48 -8M0002416 . . . 749
48 -8M0002417 . . . 749
48 -8M0002418 . . . 749
48 -8M0002419 . . . 749
48 -8M0002420 . . . 749
48 -8M0002421 . . . 749
48 -8M0002422 . . . 749
48 -8M0002423 . . . 749
48 -8M0002424 . . . 749
48 -8M0002425 . . . 750
48 -8M0002426 . . . 750
48 -8M0002427 . . . 748
48 -8M0002428 . . . 748
48 -8M0002429 . . . 748
48 -8M0002430 . . . 748
48 -8M0002431 . . . 748
48 -8M0002432 . . . 748
48 -8M0002433 . . . 748

48 -8M0002434 . . . 748
48 -8M0002435 . . . 748
48 -8M0002436 . . . 748
48 -8M0002437 . . . 749
48 -8M0002438 . . . 749
48 -8M0002439 . . . 749
48 -8M0002440 . . . 749
48 -8M0002441 . . . 749
48 -8M0002442 . . . 749
48 -8M0002443 . . . 749
48 -8M0002444 . . . 749
48 -8M0002445 . . . 749
48 -8M0002446 . . . 749
48 -8M0002447 . . . 749
48 -8M0002448 . . . 749
48 -8M0002449 . . . 749
48 -8M0002450 . . . 749
48 -8M0002451 . . . 749
48 -8M0002452 . . . 749
48 -8M0002453 . . . 749
48 -8M0002454 . . . 749
48 -8M0002455 . . . 750
48 -8M0002456 . . . 750
48 -8M0002457 . . . 748
48 -8M0002458 . . . 748
48 -8M0002459 . . . 748
48 -8M0002460 . . . 748
48 -8M0002461 . . . 748
48 -8M0002462 . . . 748
48 -8M0002463 . . . 748
48 -8M0002464 . . . 748
48 -8M0002465 . . . 748
48 -8M0002466 . . . 748
48 -8M0002467 . . . 749
48 -8M0002468 . . . 749
48 -8M0002469 . . . 749
48 -8M0002470 . . . 749
48 -8M0002471 . . . 749
48 -8M0002472 . . . 749
48 -8M0002473 . . . 749
48 -8M0002474 . . . 749
48 -8M0002475 . . . 749
48 -8M0002476 . . . 749
48 -8M0002477 . . . 749
48 -8M0002478 . . . 749
48 -8M0002479 . . . 749
48 -8M0002480 . . . 749
48 -8M0002481 . . . 749
48 -8M0002482 . . . 749
48 -8M0002483 . . . 749
48 -8M0002484 . . . 749
48 -8M0002485 . . . 750
48 -8M0002486 . . . 750
48 -8M0002487 . . . 748
48 -8M0002488 . . . 748
48 -8M0002489 . . . 748
48 -8M0002490 . . . 748
48 -8M0002491 . . . 748
48 -8M0002492 . . . 748
48 -8M0002493 . . . 748
48 -8M0002494 . . . 748
48 -8M0002495 . . . 748
48 -8M0002496 . . . 748
48 -8M0002497 . . . 749
48 -8M0002498 . . . 749
48 -8M0002499 . . . 749
48 -8M0002500 . . . 749
48 -8M0002501 . . . 749
48 -8M0002502 . . . 749
48 -8M0002503 . . . 749
48 -8M0002504 . . . 749
48 -8M0002505 . . . 749
48 -8M0002506 . . . 749
48 -8M0002507 . . . 749
48 -8M0002508 . . . 749
48 -8M0002509 . . . 749
48 -8M0002510 . . . 749
48 -8M0002511 . . . 749
48 -8M0002512 . . . 749
48 -8M0002513 . . . 749
48 -8M0002514 . . . 749
48 -8M0002515 . . . 750
48 -8M0002516 . . . 750
48 -8M0002517 . . . 748
48 -8M0002518 . . . 748
48 -8M0002519 . . . 748
48 -8M0002520 . . . 748
48 -8M0002521 . . . 748
48 -8M0002522 . . . 748
48 -8M0002523 . . . 748
48 -8M0002524 . . . 748
48 -8M0002525 . . . 748
48 -8M0002526 . . . 748
48 -8M0002527 . . . 749
48 -8M0002528 . . . 749
48 -8M0002529 . . . 749
48 -8M0002530 . . . 749
48 -8M0002531 . . . 749
48 -8M0002532 . . . 749
48 -8M0002533 . . . 749
48 -8M0002534 . . . 749
48 -8M0002535 . . . 749
48 -8M0002536 . . . 749
48 -8M0002537 . . . 749
48 -8M0002538 . . . 749
48 -8M0002539 . . . 749
48 -8M0002540 . . . 749
48 -8M0002541 . . . 749
48 -8M0002542 . . . 749
48 -8M0002543 . . . 750
48 -8M0002544 . . . 750
48 -8M0002545 . . . 750
48 -8M0002546 . . . 750
48 -8M0002547 . . . 748

48 -8M0002548 . . . 748
48 -8M0002549 . . . 748
48 -8M0002550 . . . 748
48 -8M0002551 . . . 748
48 -8M0002552 . . . 748
48 -8M0002553 . . . 748
48 -8M0002554 . . . 748
48 -8M0002555 . . . 748
48 -8M0002556 . . . 748
48 -8M0002557 . . . 749
48 -8M0002558 . . . 749
48 -8M0002559 . . . 749
48 -8M0002560 . . . 749
48 -8M0002561 . . . 749
48 -8M0002562 . . . 749
48 -8M0002563 . . . 749
48 -8M0002564 . . . 749
48 -8M0002565 . . . 749
48 -8M0002566 . . . 749
48 -8M0002567 . . . 749
48 -8M0002568 . . . 749
48 -8M0002569 . . . 749
48 -8M0002570 . . . 749
48 -8M0002571 . . . 749
48 -8M0002572 . . . 749
48 -8M0002573 . . . 750
48 -8M0002574 . . . 750
48 -8M0002575 . . . 750
48 -8M0002576 . . . 750
48 -8M0002577 . . . 748
48 -8M0002578 . . . 748
48 -8M0002579 . . . 748
48 -8M0002580 . . . 748
48 -8M0002581 . . . 748
48 -8M0002582 . . . 748
48 -8M0002583 . . . 748
48 -8M0002584 . . . 748
48 -8M0002585 . . . 748
48 -8M0002586 . . . 748
48 -8M0002587 . . . 749
48 -8M0002588 . . . 749
48 -8M0002589 . . . 749
48 -8M0002590 . . . 749
48 -8M0002591 . . . 749
48 -8M0002592 . . . 749
48 -8M0002593 . . . 749
48 -8M0002594 . . . 749
48 -8M0002595 . . . 749
48 -8M0002596 . . . 749
48 -8M0002597 . . . 749
48 -8M0002598 . . . 749
48 -8M0002599 . . . 749
48 -8M0002600 . . . 749
48 -8M0002601 . . . 749
48 -8M0002602 . . . 749
48 -8M0002603 . . . 750
48 -8M0002604 . . . 750
48 -8M0002605 . . . 750
48 -8M0002606 . . . 750
48 -8M0002607 . . . 748
48 -8M0002608 . . . 748
48 -8M0002609 . . . 748
48 -8M0002610 . . . 748
48 -8M0002611 . . . 748
48 -8M0002612 . . . 748
48 -8M0002613 . . . 748
48 -8M0002614 . . . 748
48 -8M0002615 . . . 748
48 -8M0002616 . . . 748
48 -8M0002617 . . . 749
48 -8M0002618 . . . 749
48 -8M0002619 . . . 749
48 -8M0002620 . . . 749
48 -8M0002621 . . . 749
48 -8M0002622 . . . 749
48 -8M0002623 . . . 749
48 -8M0002624 . . . 749
48 -8M0002625 . . . 749
48 -8M0002626 . . . 749
48 -8M0002627 . . . 749
48 -8M0002628 . . . 749
48 -8M0002629 . . . 749
48 -8M0002630 . . . 749
48 -8M0002631 . . . 749
48 -8M0002632 . . . 749
48 -8M0002633 . . . 750
48 -8M0002634 . . . 750
48 -8M0002635 . . . 750
48 -8M0002636 . . . 750
48 -8M0002637 . . . 748
48 -8M0002638 . . . 748
48 -8M0002639 . . . 748
48 -8M0002640 . . . 748
48 -8M0002641 . . . 748
48 -8M0002642 . . . 748
48 -8M0002643 . . . 748
48 -8M0002644 . . . 748
48 -8M0002645 . . . 748
48 -8M0002646 . . . 748
48 -8M0002647 . . . 749
48 -8M0002648 . . . 749
48 -8M0002649 . . . 749
48 -8M0002650 . . . 749
48 -8M0002651 . . . 749
48 -8M0002652 . . . 749
48 -8M0002653 . . . 749
48 -8M0002654 . . . 749
48 -8M0002655 . . . 749
48 -8M0002656 . . . 749
48 -8M0002657 . . . 749
48 -8M0002658 . . . 749
48 -8M0002659 . . . 749
48 -8M0002660 . . . 749
48 -8M0002661 . . . 749

48 -8M0002662 749
48 -8M0002663 750
48 -8M0002664 750
48 -8M0002665 750
48 -8M0002666 750
48 -8M0002667 762
48 -8M0002668 762
48 -8M0002669 762
48 -8M0002670 762
48 -8M0002671 762
48 -8M0002672 762
48 -8M0002673 762
48 -8M0002674 762
48 -8M0002675 762
48 -8M0002676 762
48 -8M0002677 762
48 -8M0002678 762
48 -8M0002679 762
48 -8M0002680 762
48 -8M0002681 762
48 -8M0002682 762
48 -8M0002683 762
48 -8M0002684 762
48 -8M0002685 763
48 -8M0002686 763
48 -8M0002687 763
48 -8M0002688 763
48 -8M0002689 763
48 -8M0002690 763
48 -8M0002691 763
48 -8M0002692 763
48 -8M0002693 763
48 -8M0002694 763
48 -8M0002695 763
48 -8M0002696 763
48 -8M0002697 762
48 -8M0002698 762
48 -8M0002699 762
48 -8M0002700 762
48 -8M0002701 762
48 -8M0002702 762
48 -8M0002703 762
48 -8M0002704 762
48 -8M0002705 762
48 -8M0002706 762
48 -8M0002707 762
48 -8M0002708 762
48 -8M0002709 762
48 -8M0002710 762
48 -8M0002711 762
48 -8M0002712 762
48 -8M0002713 762
48 -8M0002714 762
48 -8M0002715 763
48 -8M0002716 763
48 -8M0002717 763
48 -8M0002718 763
48 -8M0002719 763
48 -8M0002720 763
48 -8M0002721 763
48 -8M0002722 763
48 -8M0002723 763
48 -8M0002724 763
48 -8M0002725 763
48 -8M0002726 763
48 -8M0002727 762
48 -8M0002728 762
48 -8M0002729 762
48 -8M0002730 762
48 -8M0002731 762
48 -8M0002732 762
48 -8M0002733 762
48 -8M0002734 762
48 -8M0002735 762
48 -8M0002736 762
48 -8M0002737 762
48 -8M0002738 762
48 -8M0002739 762
48 -8M0002740 762
48 -8M0002741 762
48 -8M0002742 762
48 -8M0002743 762
48 -8M0002744 762
48 -8M0002745 763
48 -8M0002746 763
48 -8M0002747 763
48 -8M0002748 763
48 -8M0002749 763
48 -8M0002750 763
48 -8M0002751 763
48 -8M0002752 763
48 -8M0002753 763
48 -8M0002754 763
48 -8M0002755 763
48 -8M0002756 763
48 -8M0002757 762
48 -8M0002758 762
48 -8M0002759 762
48 -8M0002760 762
48 -8M0002761 762
48 -8M0002762 762
48 -8M0002763 762
48 -8M0002764 762
48 -8M0002765 762
48 -8M0002766 762
48 -8M0002767 762
48 -8M0002768 762
48 -8M0002769 762
48 -8M0002770 762
48 -8M0002771 762
48 -8M0002772 762
48 -8M0002773 763
48 -8M0002774 763
48 -8M0002775 763

48 -8M0002776 . . . 763
48 -8M0002777 . . . 763
48 -8M0002778 . . . 763
48 -8M0002779 . . . 763
48 -8M0002780 . . . 763
48 -8M0002781 . . . 763
48 -8M0002782 . . . 763
48 -8M0002783 . . . 763
48 -8M0002784 . . . 763
48 -8M0002785 . . . 763
48 -8M0002786 . . . 763
48 -8M0002787 . . . 762
48 -8M0002788 . . . 762
48 -8M0002789 . . . 762
48 -8M0002790 . . . 762
48 -8M0002791 . . . 762
48 -8M0002792 . . . 762
48 -8M0002793 . . . 762
48 -8M0002794 . . . 762
48 -8M0002795 . . . 762
48 -8M0002796 . . . 762
48 -8M0002797 . . . 762
48 -8M0002798 . . . 762
48 -8M0002799 . . . 762
48 -8M0002800 . . . 762
48 -8M0002801 . . . 762
48 -8M0002802 . . . 762
48 -8M0002803 . . . 763
48 -8M0002804 . . . 763
48 -8M0002805 . . . 763
48 -8M0002806 . . . 763
48 -8M0002807 . . . 763
48 -8M0002808 . . . 763
48 -8M0002809 . . . 763
48 -8M0002810 . . . 763
48 -8M0002811 . . . 763
48 -8M0002812 . . . 763
48 -8M0002813 . . . 763
48 -8M0002814 . . . 763
48 -8M0002815 . . . 763
48 -8M0002816 . . . 763
48 -8M0002817 . . . 762
48 -8M0002818 . . . 762
48 -8M0002819 . . . 762
48 -8M0002820 . . . 762
48 -8M0002821 . . . 762
48 -8M0002822 . . . 762
48 -8M0002823 . . . 762
48 -8M0002824 . . . 762
48 -8M0002825 . . . 762
48 -8M0002826 . . . 762
48 -8M0002827 . . . 762
48 -8M0002828 . . . 762
48 -8M0002829 . . . 762
48 -8M0002830 . . . 762
48 -8M0002831 . . . 762
48 -8M0002832 . . . 762
48 -8M0002833 . . . 763
48 -8M0002834 . . . 763
48 -8M0002835 . . . 763
48 -8M0002836 . . . 763
48 -8M0002837 . . . 763
48 -8M0002838 . . . 763
48 -8M0002839 . . . 763
48 -8M0002840 . . . 763
48 -8M0002841 . . . 763
48 -8M0002842 . . . 763
48 -8M0002843 . . . 763
48 -8M0002844 . . . 763
48 -8M0002845 . . . 763
48 -8M0002846 . . . 763
48 -8M0002847 . . . 762
48 -8M0002848 . . . 762
48 -8M0002849 . . . 762
48 -8M0002850 . . . 762
48 -8M0002851 . . . 762
48 -8M0002852 . . . 762
48 -8M0002853 . . . 762
48 -8M0002854 . . . 762
48 -8M0002855 . . . 762
48 -8M0002856 . . . 762
48 -8M0002857 . . . 762
48 -8M0002858 . . . 762
48 -8M0002859 . . . 762
48 -8M0002860 . . . 762
48 -8M0002861 . . . 762
48 -8M0002862 . . . 762
48 -8M0002863 . . . 763
48 -8M0002864 . . . 763
48 -8M0002865 . . . 763
48 -8M0002866 . . . 763
48 -8M0002867 . . . 763
48 -8M0002868 . . . 763
48 -8M0002869 . . . 763
48 -8M0002870 . . . 763
48 -8M0002871 . . . 763
48 -8M0002872 . . . 763
48 -8M0002873 . . . 763
48 -8M0002874 . . . 763
48 -8M0002875 . . . 763
48 -8M0002876 . . . 763
48 -8M0002877 . . . 762
48 -8M0002878 . . . 762
48 -8M0002879 . . . 762
48 -8M0002880 . . . 762
48 -8M0002881 . . . 762
48 -8M0002882 . . . 762
48 -8M0002883 . . . 762
48 -8M0002884 . . . 762
48 -8M0002885 . . . 762
48 -8M0002886 . . . 762
48 -8M0002887 . . . 762
48 -8M0002888 . . . 762
48 -8M0002889 . . . 762

48 -8M0002890 . . . 762
48 -8M0002891 . . . 762
48 -8M0002892 . . . 762
48 -8M0002893 . . . 763
48 -8M0002894 . . . 763
48 -8M0002895 . . . 763
48 -8M0002896 . . . 763
48 -8M0002897 . . . 763
48 -8M0002898 . . . 763
48 -8M0002899 . . . 763
48 -8M0002900 . . . 763
48 -8M0002901 . . . 763
48 -8M0002902 . . . 763
48 -8M0002903 . . . 763
48 -8M0002904 . . . 763
48 -8M0002905 . . . 763
48 -8M0002906 . . . 763
48 -8M0002907 . . . 762
48 -8M0002908 . . . 762
48 -8M0002909 . . . 762
48 -8M0002910 . . . 762
48 -8M0002911 . . . 762
48 -8M0002912 . . . 762
48 -8M0002913 . . . 762
48 -8M0002914 . . . 762
48 -8M0002915 . . . 762
48 -8M0002916 . . . 762
48 -8M0002917 . . . 762
48 -8M0002918 . . . 762
48 -8M0002919 . . . 762
48 -8M0002920 . . . 762
48 -8M0002921 . . . 762
48 -8M0002922 . . . 762
48 -8M0002923 . . . 763
48 -8M0002924 . . . 763
48 -8M0002925 . . . 763
48 -8M0002926 . . . 763
48 -8M0002927 . . . 763
48 -8M0002928 . . . 763
48 -8M0002929 . . . 763
48 -8M0002930 . . . 763
48 -8M0002931 . . . 763
48 -8M0002932 . . . 763
48 -8M0002933 . . . 763
48 -8M0002934 . . . 763
48 -8M0002935 . . . 763
48 -8M0002936 . . . 763
48 -8M0002937 . . . 762
48 -8M0002938 . . . 762
48 -8M0002939 . . . 762
48 -8M0002940 . . . 762
48 -8M0002941 . . . 762
48 -8M0002942 . . . 762
48 -8M0002943 . . . 762
48 -8M0002944 . . . 762
48 -8M0002945 . . . 762
48 -8M0002946 . . . 762
48 -8M0002947 . . . 762
48 -8M0002948 . . . 762
48 -8M0002949 . . . 762
48 -8M0002950 . . . 762
48 -8M0002951 . . . 762
48 -8M0002952 . . . 762
48 -8M0002953 . . . 763
48 -8M0002954 . . . 763
48 -8M0002955 . . . 763
48 -8M0002956 . . . 763
48 -8M0002957 . . . 763
48 -8M0002958 . . . 763
48 -8M0002959 . . . 763
48 -8M0002960 . . . 763
48 -8M0002961 . . . 763
48 -8M0002962 . . . 763
48 -8M0002963 . . . 763
48 -8M0002964 . . . 763
48 -8M0002965 . . . 763
48 -8M0002966 . . . 763
48 -8M0002967 . . . 762
48 -8M0002968 . . . 762
48 -8M0002969 . . . 762
48 -8M0002970 . . . 762
48 -8M0002971 . . . 762
48 -8M0002972 . . . 762
48 -8M0002973 . . . 762
48 -8M0002974 . . . 762
48 -8M0002975 . . . 762
48 -8M0002976 . . . 762
48 -8M0002977 . . . 762
48 -8M0002978 . . . 762
48 -8M0002979 . . . 762
48 -8M0002980 . . . 762
48 -8M0002981 . . . 762
48 -8M0002982 . . . 762
48 -8M0002983 . . . 763
48 -8M0002984 . . . 763
48 -8M0002985 . . . 763
48 -8M0002986 . . . 763
48 -8M0002987 . . . 763
48 -8M0002988 . . . 763
48 -8M0002989 . . . 763
48 -8M0002990 . . . 763
48 -8M0002991 . . . 763
48 -8M0002992 . . . 763
48 -8M0002993 . . . 763
48 -8M0002994 . . . 763
48 -8M0002995 . . . 763
48 -8M0002996 . . . 763
48 -8M0002997 . . . 762
48 -8M0002998 . . . 762
48 -8M0002999 . . . 762
48 -8M0003000 . . . 762
48 -8M0003001 . . . 762
48 -8M0003002 . . . 762
48 -8M0003003 . . . 762

48 -8M0003004 . . . 762
48 -8M0003005 . . . 762
48 -8M0003006 . . . 762
48 -8M0003007 . . . 762
48 -8M0003008 . . . 762
48 -8M0003009 . . . 762
48 -8M0003010 . . . 762
48 -8M0003011 . . . 762
48 -8M0003012 . . . 762
48 -8M0003013 . . . 763
48 -8M0003014 . . . 763
48 -8M0003015 . . . 763
48 -8M0003016 . . . 763
48 -8M0003017 . . . 763
48 -8M0003018 . . . 763
48 -8M0003019 . . . 763
48 -8M0003020 . . . 763
48 -8M0003021 . . . 763
48 -8M0003022 . . . 763
48 -8M0003023 . . . 763
48 -8M0003024 . . . 763
48 -8M0003025 . . . 763
48 -8M0003026 . . . 763
48 -8M0003027 . . . 762
48 -8M0003028 . . . 762
48 -8M0003029 . . . 762
48 -8M0003030 . . . 762
48 -8M0003031 . . . 762
48 -8M0003032 . . . 762
48 -8M0003033 . . . 762
48 -8M0003034 . . . 762
48 -8M0003035 . . . 762
48 -8M0003036 . . . 762
48 -8M0003037 . . . 762
48 -8M0003038 . . . 762
48 -8M0003039 . . . 762
48 -8M0003040 . . . 762
48 -8M0003041 . . . 762
48 -8M0003042 . . . 762
48 -8M0003043 . . . 763
48 -8M0003044 . . . 763
48 -8M0003045 . . . 763
48 -8M0003046 . . . 763
48 -8M0003047 . . . 763
48 -8M0003048 . . . 763
48 -8M0003049 . . . 763
48 -8M0003050 . . . 763
48 -8M0003051 . . . 763
48 -8M0003052 . . . 763
48 -8M0003053 . . . 763
48 -8M0003054 . . . 763
48 -8M0003055 . . . 763
48 -8M0003056 . . . 763
48 -8M0003447 . . . 750
48 -8M0003448 . . . 750
48 -8M0003449 . . . 750
48 -8M0003450 . . . 750
48 -8M0003451 . . . 750
48 -8M0003452 . . . 750
48 -8M0003453 . . . 750
48 -8M0003454 . . . 750
48 -8M0003455 . . . 750
48 -8M0003456 . . . 750
48 -8M0003457 . . . 750
48 -8M0003458 . . . 750
48 -8M0003459 . . . 751
48 -8M0003460 . . . 751
48 -8M0003461 . . . 749, 751
48 -8M0003462 . . . 749, 751
48 -8M0003463 . . . 751
48 -8M0003464 . . . 751
48 -8M0003465 . . . 751
48 -8M0003466 . . . 751
48 -8M0003467 . . . 751
48 -8M0003468 . . . 751
48 -8M0003469 . . . 751
48 -8M0003470 . . . 751
48 -8M0003471 . . . 751
48 -8M0003472 . . . 751
48 -8M0003473 . . . 751
48 -8M0003474 . . . 751
48 -8M0003475 . . . 751
48 -8M0003476 . . . 751
48 -8M0003479 . . . 750
48 -8M0003480 . . . 750
48 -8M0003481 . . . 750
48 -8M0003482 . . . 750
48 -8M0003483 . . . 750
48 -8M0003484 . . . 750
48 -8M0003485 . . . 750
48 -8M0003486 . . . 750
48 -8M0003487 . . . 750
48 -8M0003488 . . . 750
48 -8M0003489 . . . 751
48 -8M0003490 . . . 751
48 -8M0003491 . . . 751
48 -8M0003492 . . . 751
48 -8M0003493 . . . 751
48 -8M0003494 . . . 751
48 -8M0003495 . . . 751
48 -8M0003496 . . . 751
48 -8M0003497 . . . 751
48 -8M0003498 . . . 751
48 -8M0003499 . . . 751
48 -8M0003500 . . . 751
48 -8M0003501 . . . 751
48 -8M0003502 . . . 751
48 -8M0003503 . . . 751
48 -8M0003504 . . . 751
48 -8M0003505 . . . 751
48 -8M0003506 . . . 751
48 -8M0003507 . . . 750
48 -8M0003508 . . . 750
48 -8M0003511 . . . 750

48 -8M0003512 . . . 750
48 -8M0003513 . . . 750
48 -8M0003514 . . . 750
48 -8M0003515 . . . 750
48 -8M0003516 . . . 750
48 -8M0003517 . . . 750
48 -8M0003518 . . . 750
48 -8M0003519 . . . 751
48 -8M0003520 . . . 751
48 -8M0003521 . . . 751
48 -8M0003522 . . . 751
48 -8M0003523 . . . 751
48 -8M0003524 . . . 751
48 -8M0003525 . . . 751
48 -8M0003526 . . . 751
48 -8M0003527 . . . 751
48 -8M0003528 . . . 751
48 -8M0003529 . . . 751
48 -8M0003530 . . . 751
48 -8M0003531 . . . 751
48 -8M0003532 . . . 751
48 -8M0003533 . . . 751
48 -8M0003534 . . . 751
48 -8M0003535 . . . 751
48 -8M0003536 . . . 751
48 -8M0003537 . . . 750
48 -8M0003538 . . . 750
48 -8M0003539 . . . 750
48 -8M0003541 . . . 750
48 -8M0003542 . . . 750
48 -8M0003543 . . . 750
48 -8M0003544 . . . 750
48 -8M0003545 . . . 750
48 -8M0003546 . . . 750
48 -8M0003547 . . . 750
48 -8M0003548 . . . 750
48 -8M0003549 . . . 751
48 -8M0003550 . . . 751
48 -8M0003551 . . . 751
48 -8M0003552 . . . 751
48 -8M0003553 . . . 751
48 -8M0003554 . . . 751
48 -8M0003555 . . . 751
48 -8M0003556 . . . 751
48 -8M0003557 . . . 751
48 -8M0003558 . . . 751
48 -8M0003559 . . . 751
48 -8M0003560 . . . 751
48 -8M0003561 . . . 751
48 -8M0003562 . . . 751
48 -8M0003563 . . . 751
48 -8M0003564 . . . 751
48 -8M0003565 . . . 751
48 -8M0003566 . . . 751
48 -8M0003567 . . . 750
48 -8M0003568 . . . 750
48 -8M0003569 . . . 750
48 -8M0003570 . . . 750
48 -8M0003571 . . . 750
48 -8M0003572 . . . 750
48 -8M0003573 . . . 750
48 -8M0003574 . . . 750
48 -8M0003575 . . . 750
48 -8M0003576 . . . 750
48 -8M0003577 . . . 750
48 -8M0003578 . . . 750
48 -8M0003579 . . . 751
48 -8M0003580 . . . 751
48 -8M0003581 . . . 751
48 -8M0003582 . . . 751
48 -8M0003583 . . . 751
48 -8M0003584 . . . 751
48 -8M0003585 . . . 751
48 -8M0003586 . . . 751
48 -8M0003587 . . . 751
48 -8M0003588 . . . 751
48 -8M0003589 . . . 751
48 -8M0003590 . . . 751
48 -8M0003591 . . . 751
48 -8M0003592 . . . 751
48 -8M0003593 . . . 751
48 -8M0003594 . . . 751
48 -8M0003595 . . . 751
48 -8M0003596 . . . 751
48 -8M0003597 . . . 750
48 -8M0003598 . . . 750
48 -8M0003599 . . . 750
48 -8M0003600 . . . 750
48 -8M0003601 . . . 750
48 -8M0003602 . . . 750
48 -8M0003603 . . . 750
48 -8M0003604 . . . 750
48 -8M0003605 . . . 750
48 -8M0003606 . . . 750
48 -8M0003607 . . . 750
48 -8M0003608 . . . 750
48 -8M0003609 . . . 751
48 -8M0003610 . . . 751
48 -8M0003611 . . . 751
48 -8M0003612 . . . 751
48 -8M0003613 . . . 751
48 -8M0003614 . . . 751
48 -8M0003615 . . . 751
48 -8M0003616 . . . 751
48 -8M0003617 . . . 751
48 -8M0003618 . . . 751
48 -8M0003619 . . . 751
48 -8M0003620 . . . 751
48 -8M0003621 . . . 751
48 -8M0003622 . . . 751
48 -8M0003623 . . . 751
48 -8M0003624 . . . 751
48 -8M0003625 . . . 752
48 -8M0003626 . . . 752

48 -8M0003627 . . . 750
48 -8M0003628 . . . 750
48 -8M0003629 . . . 750
48 -8M0003630 . . . 750
48 -8M0003631 . . . 750
48 -8M0003632 . . . 750
48 -8M0003633 . . . 750
48 -8M0003634 . . . 750
48 -8M0003635 . . . 750
48 -8M0003636 . . . 750
48 -8M0003637 . . . 750
48 -8M0003638 . . . 750
48 -8M0003639 . . . 751
48 -8M0003640 . . . 751
48 -8M0003641 . . . 751
48 -8M0003642 . . . 751
48 -8M0003643 . . . 751
48 -8M0003644 . . . 751
48 -8M0003645 . . . 751
48 -8M0003646 . . . 751
48 -8M0003647 . . . 751
48 -8M0003648 . . . 751
48 -8M0003649 . . . 751
48 -8M0003650 . . . 751
48 -8M0003651 . . . 751
48 -8M0003652 . . . 751
48 -8M0003653 . . . 751
48 -8M0003654 . . . 751
48 -8M0003655 . . . 752
48 -8M0003656 . . . 752
48 -8M0003657 . . . 750
48 -8M0003658 . . . 750
48 -8M0003659 . . . 750
48 -8M0003660 . . . 750
48 -8M0003661 . . . 750
48 -8M0003662 . . . 750
48 -8M0003663 . . . 750
48 -8M0003664 . . . 750
48 -8M0003665 . . . 750
48 -8M0003666 . . . 750
48 -8M0003667 . . . 750
48 -8M0003668 . . . 750
48 -8M0003669 . . . 751
48 -8M0003670 . . . 751
48 -8M0003671 . . . 751
48 -8M0003672 . . . 751
48 -8M0003673 . . . 751
48 -8M0003674 . . . 751
48 -8M0003675 . . . 751
48 -8M0003676 . . . 751
48 -8M0003677 . . . 751
48 -8M0003678 . . . 751
48 -8M0003679 . . . 751
48 -8M0003680 . . . 751
48 -8M0003681 . . . 751
48 -8M0003682 . . . 751
48 -8M0003683 . . . 751
48 -8M0003684 . . . 751
48 -8M0003685 . . . 752
48 -8M0003686 . . . 752
48 -8M0003687 . . . 750
48 -8M0003688 . . . 750
48 -8M0003691 . . . 750
48 -8M0003692 . . . 750
48 -8M0003693 . . . 750
48 -8M0003694 . . . 750
48 -8M0003695 . . . 750
48 -8M0003696 . . . 750
48 -8M0003697 . . . 750
48 -8M0003698 . . . 750
48 -8M0003699 . . . 751
48 -8M0003700 . . . 751
48 -8M0003701 . . . 751
48 -8M0003702 . . . 751
48 -8M0003703 . . . 751
48 -8M0003704 . . . 751
48 -8M0003705 . . . 751
48 -8M0003706 . . . 751
48 -8M0003707 . . . 751
48 -8M0003708 . . . 751
48 -8M0003709 . . . 751
48 -8M0003710 . . . 751
48 -8M0003711 . . . 751
48 -8M0003712 . . . 751
48 -8M0003713 . . . 751
48 -8M0003714 . . . 751
48 -8M0003715 . . . 752
48 -8M0003716 . . . 752
48 -8M0003717 . . . 750
48 -8M0003718 . . . 750
48 -8M0003719 . . . 750
48 -8M0003720 . . . 750
48 -8M0003721 . . . 750
48 -8M0003722 . . . 750
48 -8M0003723 . . . 750
48 -8M0003724 . . . 750
48 -8M0003725 . . . 750
48 -8M0003726 . . . 750
48 -8M0003727 . . . 750
48 -8M0003728 . . . 750
48 -8M0003729 . . . 751
48 -8M0003730 . . . 751
48 -8M0003731 . . . 751
48 -8M0003732 . . . 751
48 -8M0003733 . . . 751
48 -8M0003734 . . . 751
48 -8M0003737 . . . 751
48 -8M0003738 . . . 751
48 -8M0003739 . . . 751
48 -8M0003740 . . . 751
48 -8M0003741 . . . 751
48 -8M0003742 . . . 751
48 -8M0003743 . . . 751
48 -8M0003744 . . . 751

48 -8M0003745 . . . 752
48 -8M0003746 . . . 752
48 -8M0003747 . . . 750
48 -8M0003748 . . . 750
48 -8M0003749 . . . 750
48 -8M0003750 . . . 750
48 -8M0003751 . . . 750
48 -8M0003752 . . . 750
48 -8M0003753 . . . 750
48 -8M0003754 . . . 750
48 -8M0003755 . . . 750
48 -8M0003756 . . . 750
48 -8M0003757 . . . 751
48 -8M0003758 . . . 751
48 -8M0003759 . . . 751
48 -8M0003760 . . . 751
48 -8M0003761 . . . 751
48 -8M0003762 . . . 751
48 -8M0003763 . . . 751
48 -8M0003764 . . . 751
48 -8M0003765 . . . 751
48 -8M0003766 . . . 751
48 -8M0003767 . . . 751
48 -8M0003768 . . . 751
48 -8M0003769 . . . 751
48 -8M0003770 . . . 751
48 -8M0003771 . . . 751
48 -8M0003772 . . . 751
48 -8M0003773 . . . 751
48 -8M0003774 . . . 751
48 -8M0003775 . . . 752
48 -8M0003776 . . . 752
48 -8M0003777 . . . 750
48 -8M0003778 . . . 750
48 -8M0003779 . . . 750
48 -8M0003780 . . . 750
48 -8M0003781 . . . 750
48 -8M0003782 . . . 750
48 -8M0003783 . . . 750
48 -8M0003784 . . . 750
48 -8M0003785 . . . 750
48 -8M0003786 . . . 750
48 -8M0003787 . . . 751
48 -8M0003788 . . . 751
48 -8M0003789 . . . 751
48 -8M0003790 . . . 751
48 -8M0003791 . . . 751
48 -8M0003792 . . . 751
48 -8M0003793 . . . 751
48 -8M0003794 . . . 751
48 -8M0003795 . . . 751
48 -8M0003796 . . . 751
48 -8M0003797 . . . 751
48 -8M0003798 . . . 751
48 -8M0003799 . . . 751
48 -8M0003800 . . . 751
48 -8M0003801 . . . 751
48 -8M0003802 . . . 751
48 -8M0003803 . . . 751
48 -8M0003804 . . . 751
48 -8M0003805 . . . 752
48 -8M0003806 . . . 752
48 -8M0003807 . . . 750
48 -8M0003808 . . . 750
48 -8M0003809 . . . 750
48 -8M0003810 . . . 750
48 -8M0003811 . . . 750
48 -8M0003812 . . . 750
48 -8M0003813 . . . 750
48 -8M0003814 . . . 750
48 -8M0003815 . . . 750
48 -8M0003816 . . . 750
48 -8M0003817 . . . 751
48 -8M0003818 . . . 751
48 -8M0003819 . . . 751
48 -8M0003820 . . . 751
48 -8M0003821 . . . 751
48 -8M0003822 . . . 751
48 -8M0003823 . . . 751
48 -8M0003824 . . . 751
48 -8M0003825 . . . 751
48 -8M0003826 . . . 751
48 -8M0003827 . . . 751
48 -8M0003828 . . . 751
48 -8M0003829 . . . 751
48 -8M0003830 . . . 751
48 -8M0003831 . . . 751
48 -8M0003832 . . . 751
48 -8M0003835 . . . 751, 752
48 -8M0003836 . . . 751, 752
48 -8M0003837 . . . 763
48 -8M0003838 . . . 763
48 -8M0003839 . . . 763
48 -8M0003840 . . . 763
48 -8M0003841 . . . 764
48 -8M0003842 . . . 764
48 -8M0003843 . . . 764
48 -8M0003844 . . . 764
48 -8M0003845 . . . 764
48 -8M0003846 . . . 764
48 -8M0003847 . . . 764
48 -8M0003848 . . . 764
48 -8M0003849 . . . 764
48 -8M0003850 . . . 764
48 -8M0003851 . . . 764
48 -8M0003852 . . . 764
48 -8M0003853 . . . 764
48 -8M0003854 . . . 764
48 -8M0003855 . . . 764
48 -8M0003856 . . . 764
48 -8M0003857 . . . 765
48 -8M0003858 . . . 765
48 -8M0003859 . . . 765
48 -8M0003860 . . . 765

48 -8M0003861 . . . 765
48 -8M0003862 . . . 765
48 -8M0003863 . . . 765
48 -8M0003864 . . . 765
48 -8M0003865 . . . 765
48 -8M0003866 . . . 765
48 -8M0003867 . . . 763
48 -8M0003868 . . . 763
48 -8M0003869 . . . 763
48 -8M0003870 . . . 763
48 -8M0003871 . . . 764
48 -8M0003872 . . . 764
48 -8M0003873 . . . 764
48 -8M0003874 . . . 764
48 -8M0003875 . . . 764
48 -8M0003876 . . . 764
48 -8M0003877 . . . 764
48 -8M0003878 . . . 764
48 -8M0003879 . . . 764
48 -8M0003880 . . . 764
48 -8M0003881 . . . 764
48 -8M0003882 . . . 764
48 -8M0003883 . . . 764
48 -8M0003884 . . . 764
48 -8M0003885 . . . 764
48 -8M0003886 . . . 764
48 -8M0003887 . . . 765
48 -8M0003888 . . . 765
48 -8M0003889 . . . 765
48 -8M0003890 . . . 765
48 -8M0003891 . . . 765
48 -8M0003892 . . . 765
48 -8M0003893 . . . 765
48 -8M0003894 . . . 765
48 -8M0003895 . . . 765
48 -8M0003896 . . . 765
48 -8M0003897 . . . 763
48 -8M0003898 . . . 763
48 -8M0003899 . . . 763
48 -8M0003900 . . . 763
48 -8M0003901 . . . 764
48 -8M0003902 . . . 764
48 -8M0003903 . . . 764
48 -8M0003904 . . . 764
48 -8M0003905 . . . 764
48 -8M0003906 . . . 764
48 -8M0003907 . . . 764
48 -8M0003908 . . . 764
48 -8M0003909 . . . 764
48 -8M0003910 . . . 764
48 -8M0003911 . . . 764
48 -8M0003912 . . . 764
48 -8M0003913 . . . 764
48 -8M0003914 . . . 764
48 -8M0003915 . . . 764
48 -8M0003916 . . . 764
48 -8M0003917 . . . 765
48 -8M0003918 . . . 765
48 -8M0003919 . . . 765
48 -8M0003920 . . . 765
48 -8M0003921 . . . 765
48 -8M0003922 . . . 765
48 -8M0003923 . . . 765
48 -8M0003924 . . . 765
48 -8M0003925 . . . 765
48 -8M0003926 . . . 765
48 -8M0003927 . . . 763
48 -8M0003928 . . . 763
48 -8M0003929 . . . 763
48 -8M0003930 . . . 763
48 -8M0003931 . . . 764
48 -8M0003932 . . . 764
48 -8M0003933 . . . 764
48 -8M0003934 . . . 764
48 -8M0003935 . . . 764
48 -8M0003936 . . . 764
48 -8M0003937 . . . 764
48 -8M0003938 . . . 764
48 -8M0003939 . . . 764
48 -8M0003940 . . . 764
48 -8M0003941 . . . 764
48 -8M0003942 . . . 764
48 -8M0003943 . . . 764
48 -8M0003944 . . . 764
48 -8M0003945 . . . 764
48 -8M0003946 . . . 764
48 -8M0003947 . . . 765
48 -8M0003948 . . . 765
48 -8M0003949 . . . 765
48 -8M0003950 . . . 765
48 -8M0003951 . . . 765
48 -8M0003952 . . . 765
48 -8M0003953 . . . 765
48 -8M0003954 . . . 765
48 -8M0003955 . . . 765
48 -8M0003956 . . . 765
48 -8M0003957 . . . 763
48 -8M0003958 . . . 763
48 -8M0003959 . . . 764
48 -8M0003960 . . . 764
48 -8M0003961 . . . 764
48 -8M0003962 . . . 764
48 -8M0003963 . . . 764
48 -8M0003964 . . . 764
48 -8M0003965 . . . 764
48 -8M0003966 . . . 764
48 -8M0003967 . . . 764
48 -8M0003968 . . . 764
48 -8M0003969 . . . 764
48 -8M0003970 . . . 764
48 -8M0003971 . . . 764
48 -8M0003972 . . . 764
48 -8M0003973 . . . 764
48 -8M0003974 . . . 764

48 -8M0003975 . . . 764
48 -8M0003976 . . . 764
48 -8M0003977 . . . 765
48 -8M0003978 . . . 765
48 -8M0003979 . . . 765
48 -8M0003980 . . . 765
48 -8M0003981 . . . 765
48 -8M0003982 . . . 765
48 -8M0003983 . . . 765
48 -8M0003984 . . . 765
48 -8M0003985 . . . 765
48 -8M0003986 . . . 765
48 -8M0003987 . . . 763
48 -8M0003988 . . . 763
48 -8M0003989 . . . 764
48 -8M0003990 . . . 764
48 -8M0003991 . . . 764
48 -8M0003992 . . . 764
48 -8M0003993 . . . 764
48 -8M0003994 . . . 764
48 -8M0003995 . . . 764
48 -8M0003996 . . . 764
48 -8M0003997 . . . 764
48 -8M0003998 . . . 764
48 -8M0003999 . . . 764
48 -8M0004000 . . . 764
48 -8M0004001 . . . 764
48 -8M0004002 . . . 764
48 -8M0004003 . . . 764
48 -8M0004004 . . . 764
48 -8M0004005 . . . 764
48 -8M0004006 . . . 764
48 -8M0004007 . . . 765
48 -8M0004008 . . . 765
48 -8M0004009 . . . 765
48 -8M0004010 . . . 765
48 -8M0004011 . . . 765
48 -8M0004012 . . . 765
48 -8M0004013 . . . 765
48 -8M0004014 . . . 765
48 -8M0004015 . . . 765
48 -8M0004016 . . . 765
48 -8M0004017 . . . 763
48 -8M0004018 . . . 763
48 -8M0004019 . . . 764
48 -8M0004020 . . . 764
48 -8M0004021 . . . 764
48 -8M0004022 . . . 764
48 -8M0004023 . . . 764
48 -8M0004024 . . . 764
48 -8M0004025 . . . 764
48 -8M0004026 . . . 764
48 -8M0004027 . . . 764
48 -8M0004028 . . . 764
48 -8M0004029 . . . 764
48 -8M0004030 . . . 764
48 -8M0004031 . . . 764
48 -8M0004032 . . . 764
48 -8M0004033 . . . 764
48 -8M0004034 . . . 764
48 -8M0004035 . . . 764
48 -8M0004036 . . . 764
48 -8M0004037 . . . 765
48 -8M0004038 . . . 765
48 -8M0004039 . . . 765
48 -8M0004040 . . . 765
48 -8M0004041 . . . 765
48 -8M0004042 . . . 765
48 -8M0004043 . . . 765
48 -8M0004044 . . . 765
48 -8M0004045 . . . 765
48 -8M0004046 . . . 765
48 -8M0004047 . . . 763
48 -8M0004048 . . . 763
48 -8M0004049 . . . 764
48 -8M0004050 . . . 764
48 -8M0004051 . . . 764
48 -8M0004052 . . . 764
48 -8M0004053 . . . 764
48 -8M0004054 . . . 764
48 -8M0004055 . . . 764
48 -8M0004056 . . . 764
48 -8M0004057 . . . 764
48 -8M0004058 . . . 764
48 -8M0004059 . . . 764
48 -8M0004060 . . . 764
48 -8M0004061 . . . 764
48 -8M0004062 . . . 764
48 -8M0004063 . . . 764
48 -8M0004064 . . . 764
48 -8M0004065 . . . 764
48 -8M0004066 . . . 764
48 -8M0004067 . . . 765
48 -8M0004068 . . . 765
48 -8M0004069 . . . 765
48 -8M0004070 . . . 765
48 -8M0004071 . . . 765
48 -8M0004072 . . . 765
48 -8M0004073 . . . 765
48 -8M0004074 . . . 765
48 -8M0004075 . . . 765
48 -8M0004076 . . . 765
48 -8M0004077 . . . 763
48 -8M0004078 . . . 763
48 -8M0004079 . . . 764
48 -8M0004080 . . . 764
48 -8M0004081 . . . 764
48 -8M0004082 . . . 764
48 -8M0004083 . . . 764
48 -8M0004084 . . . 764
48 -8M0004085 . . . 764
48 -8M0004086 . . . 764
48 -8M0004087 . . . 764
48 -8M0004088 . . . 764

48 -8M0004089 . . . 764
48 -8M0004090 . . . 764
48 -8M0004091 . . . 764
48 -8M0004092 . . . 764
48 -8M0004093 . . . 764
48 -8M0004094 . . . 764
48 -8M0004095 . . . 764
48 -8M0004096 . . . 764
48 -8M0004097 . . . 765
48 -8M0004098 . . . 765
48 -8M0004099 . . . 765
48 -8M0004100 . . . 765
48 -8M0004101 . . . 765
48 -8M0004102 . . . 765
48 -8M0004103 . . . 765
48 -8M0004104 . . . 765
48 -8M0004105 . . . 765
48 -8M0004106 . . . 765
48 -8M0004107 . . . 763
48 -8M0004108 . . . 763
48 -8M0004109 . . . 764
48 -8M0004110 . . . 764
48 -8M0004111 . . . 764
48 -8M0004112 . . . 764
48 -8M0004113 . . . 764
48 -8M0004114 . . . 764
48 -8M0004115 . . . 764
48 -8M0004116 . . . 764
48 -8M0004117 . . . 764
48 -8M0004118 . . . 764
48 -8M0004119 . . . 764
48 -8M0004120 . . . 764
48 -8M0004121 . . . 764
48 -8M0004122 . . . 764
48 -8M0004123 . . . 764
48 -8M0004124 . . . 764
48 -8M0004125 . . . 764
48 -8M0004126 . . . 764
48 -8M0004127 . . . 765
48 -8M0004128 . . . 765
48 -8M0004129 . . . 765
48 -8M0004130 . . . 765
48 -8M0004131 . . . 765
48 -8M0004132 . . . 765
48 -8M0004133 . . . 765
48 -8M0004134 . . . 765
48 -8M0004135 . . . 765
48 -8M0004136 . . . 765
48 -8M0004137 . . . 763
48 -8M0004138 . . . 763
48 -8M0004139 . . . 764
48 -8M0004140 . . . 764
48 -8M0004141 . . . 764
48 -8M0004142 . . . 764
48 -8M0004143 . . . 764
48 -8M0004144 . . . 764
48 -8M0004145 . . . 764
48 -8M0004146 . . . 764
48 -8M0004147 . . . 764
48 -8M0004148 . . . 764
48 -8M0004149 . . . 764
48 -8M0004150 . . . 764
48 -8M0004151 . . . 764
48 -8M0004152 . . . 764
48 -8M0004153 . . . 764
48 -8M0004154 . . . 764
48 -8M0004155 . . . 764
48 -8M0004156 . . . 764
48 -8M0004157 . . . 765
48 -8M0004158 . . . 765
48 -8M0004159 . . . 765
48 -8M0004160 . . . 765
48 -8M0004161 . . . 765
48 -8M0004162 . . . 765
48 -8M0004163 . . . 765
48 -8M0004164 . . . 765
48 -8M0004165 . . . 765
48 -8M0004166 . . . 765
48 -8M0004167 . . . 763
48 -8M0004168 . . . 763
48 -8M0004169 . . . 764
48 -8M0004170 . . . 764
48 -8M0004171 . . . 764
48 -8M0004172 . . . 764
48 -8M0004173 . . . 764
48 -8M0004174 . . . 764
48 -8M0004175 . . . 764
48 -8M0004176 . . . 764
48 -8M0004177 . . . 764
48 -8M0004178 . . . 764
48 -8M0004179 . . . 764
48 -8M0004180 . . . 764
48 -8M0004181 . . . 764
48 -8M0004182 . . . 764
48 -8M0004183 . . . 764
48 -8M0004184 . . . 764
48 -8M0004185 . . . 764
48 -8M0004186 . . . 764
48 -8M0004187 . . . 765
48 -8M0004188 . . . 765
48 -8M0004189 . . . 765
48 -8M0004190 . . . 765
48 -8M0004191 . . . 765
48 -8M0004192 . . . 765
48 -8M0004193 . . . 765
48 -8M0004194 . . . 765
48 -8M0004195 . . . 765
48 -8M0004196 . . . 765
48 -8M0004197 . . . 763
48 -8M0004198 . . . 763
48 -8M0004199 . . . 764
48 -8M0004200 . . . 764
48 -8M0004201 . . . 764
48 -8M0004202 . . . 764

48 -8M0004203 . . . 764
48 -8M0004204 . . . 764
48 -8M0004205 . . . 764
48 -8M0004206 . . . 764
48 -8M0004207 . . . 764
48 -8M0004208 . . . 764
48 -8M0004209 . . . 764
48 -8M0004210 . . . 764
48 -8M0004211 . . . 764
48 -8M0004212 . . . 764
48 -8M0004213 . . . 764
48 -8M0004214 . . . 764
48 -8M0004215 . . . 765
48 -8M0004216 . . . 765
48 -8M0004217 . . . 765
48 -8M0004218 . . . 765
48 -8M0004219 . . . 765
48 -8M0004220 . . . 765
48 -8M0004221 . . . 765
48 -8M0004222 . . . 765
48 -8M0004223 . . . 765
48 -8M0004224 . . . 765
48 -8M0004225 . . . 765
48 -8M0004226 . . . 765
48 -8M0004617 . . . 752
48 -8M0004618 . . . 752
48 -8M0004619 . . . 752
48 -8M0004620 . . . 752
48 -8M0004621 . . . 752
48 -8M0004622 . . . 752
48 -8M0004623 . . . 752
48 -8M0004624 . . . 752
48 -8M0004625 . . . 752
48 -8M0004626 . . . 752
48 -8M0004627 . . . 752
48 -8M0004628 . . . 752
48 -8M0004629 . . . 752
48 -8M0004630 . . . 752
48 -8M0004631 . . . 753
48 -8M0004632 . . . 753
48 -8M0004633 . . . 753
48 -8M0004634 . . . 753
48 -8M0004635 . . . 753
48 -8M0004636 . . . 753
48 -8M0004637 . . . 753
48 -8M0004638 . . . 753
48 -8M0004639 . . . 753
48 -8M0004640 . . . 753
48 -8M0004641 . . . 753
48 -8M0004642 . . . 753
48 -8M0004643 . . . 753
48 -8M0004644 . . . 753
48 -8M0004645 . . . 753
48 -8M0004646 . . . 753
48 -8M0004647 . . . 752
48 -8M0004648 . . . 752
48 -8M0004649 . . . 752
48 -8M0004650 . . . 752
48 -8M0004651 . . . 752
48 -8M0004652 . . . 752
48 -8M0004653 . . . 752
48 -8M0004654 . . . 752
48 -8M0004655 . . . 752
48 -8M0004656 . . . 752
48 -8M0004657 . . . 752
48 -8M0004658 . . . 752
48 -8M0004659 . . . 752
48 -8M0004660 . . . 752
48 -8M0004661 . . . 753
48 -8M0004662 . . . 753
48 -8M0004663 . . . 753
48 -8M0004664 . . . 753
48 -8M0004665 . . . 753
48 -8M0004666 . . . 753
48 -8M0004667 . . . 753
48 -8M0004668 . . . 753
48 -8M0004669 . . . 753
48 -8M0004670 . . . 753
48 -8M0004671 . . . 753
48 -8M0004672 . . . 753
48 -8M0004673 . . . 753
48 -8M0004674 . . . 753
48 -8M0004675 . . . 753
48 -8M0004676 . . . 753
48 -8M0004677 . . . 752
48 -8M0004678 . . . 752
48 -8M0004679 . . . 752
48 -8M0004680 . . . 752
48 -8M0004681 . . . 752
48 -8M0004682 . . . 752
48 -8M0004683 . . . 752
48 -8M0004684 . . . 752
48 -8M0004685 . . . 752
48 -8M0004686 . . . 752
48 -8M0004687 . . . 752
48 -8M0004688 . . . 752
48 -8M0004689 . . . 752
48 -8M0004690 . . . 752
48 -8M0004691 . . . 753
48 -8M0004692 . . . 753
48 -8M0004693 . . . 753
48 -8M0004694 . . . 753
48 -8M0004695 . . . 753
48 -8M0004696 . . . 753
48 -8M0004697 . . . 753
48 -8M0004698 . . . 753
48 -8M0004701 . . . 753
48 -8M0004702 . . . 753
48 -8M0004703 . . . 753
48 -8M0004704 . . . 753
48 -8M0004705 . . . 753
48 -8M0004706 . . . 753
48 -8M0004707 . . . 752
48 -8M0004708 . . . 752

48 -8M0004709 . . . 752
48 -8M0004710 . . . 752
48 -8M0004711 . . . 752
48 -8M0004712 . . . 752
48 -8M0004713 . . . 752
48 -8M0004714 . . . 752
48 -8M0004715 . . . 752
48 -8M0004716 . . . 752
48 -8M0004717 . . . 752
48 -8M0004718 . . . 752
48 -8M0004719 . . . 753
48 -8M0004720 . . . 753
48 -8M0004721 . . . 753
48 -8M0004722 . . . 753
48 -8M0004723 . . . 753
48 -8M0004724 . . . 753
48 -8M0004725 . . . 753
48 -8M0004726 . . . 753
48 -8M0004727 . . . 753
48 -8M0004728 . . . 753
48 -8M0004731 . . . 753
48 -8M0004732 . . . 753
48 -8M0004733 . . . 753
48 -8M0004734 . . . 753
48 -8M0004735 . . . 753
48 -8M0004736 . . . 753
48 -8M0004737 . . . 752
48 -8M0004738 . . . 752
48 -8M0004739 . . . 752
48 -8M0004740 . . . 752
48 -8M0004741 . . . 752
48 -8M0004742 . . . 752
48 -8M0004743 . . . 752
48 -8M0004744 . . . 752
48 -8M0004745 . . . 752
48 -8M0004746 . . . 752
48 -8M0004747 . . . 752
48 -8M0004748 . . . 752
48 -8M0004749 . . . 753
48 -8M0004750 . . . 753
48 -8M0004751 . . . 753
48 -8M0004752 . . . 753
48 -8M0004753 . . . 753
48 -8M0004754 . . . 753
48 -8M0004755 . . . 753
48 -8M0004756 . . . 753
48 -8M0004757 . . . 753
48 -8M0004758 . . . 753
48 -8M0004761 . . . 753
48 -8M0004762 . . . 753
48 -8M0004763 . . . 753
48 -8M0004764 . . . 753
48 -8M0004765 . . . 753
48 -8M0004766 . . . 753
48 -8M0004767 . . . 752
48 -8M0004768 . . . 752
48 -8M0004769 . . . 752
48 -8M0004770 . . . 752
48 -8M0004771 . . . 752
48 -8M0004772 . . . 752
48 -8M0004773 . . . 752
48 -8M0004774 . . . 752
48 -8M0004775 . . . 752
48 -8M0004776 . . . 752
48 -8M0004777 . . . 752
48 -8M0004778 . . . 752
48 -8M0004779 . . . 753
48 -8M0004780 . . . 753
48 -8M0004781 . . . 753
48 -8M0004782 . . . 753
48 -8M0004783 . . . 753
48 -8M0004784 . . . 753
48 -8M0004785 . . . 753
48 -8M0004786 . . . 753
48 -8M0004787 . . . 753
48 -8M0004788 . . . 753
48 -8M0004791 . . . 753
48 -8M0004792 . . . 753
48 -8M0004793 . . . 753
48 -8M0004794 . . . 753
48 -8M0004795 . . . 753
48 -8M0004796 . . . 753
48 -8M0004797 . . . 752
48 -8M0004798 . . . 752
48 -8M0004799 . . . 752
48 -8M0004800 . . . 752
48 -8M0004801 . . . 752
48 -8M0004802 . . . 752
48 -8M0004803 . . . 752
48 -8M0004804 . . . 752
48 -8M0004805 . . . 752
48 -8M0004806 . . . 752
48 -8M0004807 . . . 752
48 -8M0004808 . . . 752
48 -8M0004809 . . . 753
48 -8M0004810 . . . 753
48 -8M0004811 . . . 753
48 -8M0004812 . . . 753
48 -8M0004813 . . . 753
48 -8M0004814 . . . 753
48 -8M0004815 . . . 753
48 -8M0004816 . . . 753
48 -8M0004817 . . . 753
48 -8M0004818 . . . 753
48 -8M0004821 . . . 753
48 -8M0004822 . . . 753
48 -8M0004823 . . . 753
48 -8M0004824 . . . 753
48 -8M0004825 . . . 753
48 -8M0004826 . . . 753
48 -8M0004827 . . . 752
48 -8M0004828 . . . 752
48 -8M0004829 . . . 752
48 -8M0004830 . . . 752

48 -8M0004831 . . . 752
48 -8M0004832 . . . 752
48 -8M0004833 . . . 752
48 -8M0004834 . . . 752
48 -8M0004835 . . . 752
48 -8M0004836 . . . 752
48 -8M0004837 . . . 752
48 -8M0004838 . . . 752
48 -8M0004839 . . . 753
48 -8M0004840 . . . 753
48 -8M0004841 . . . 753
48 -8M0004842 . . . 753
48 -8M0004843 . . . 753
48 -8M0004844 . . . 753
48 -8M0004845 . . . 753
48 -8M0004846 . . . 753
48 -8M0004847 . . . 753
48 -8M0004848 . . . 753
48 -8M0004849 . . . 753
48 -8M0004850 . . . 753
48 -8M0004851 . . . 753
48 -8M0004852 . . . 753
48 -8M0004853 . . . 753
48 -8M0004854 . . . 753
48 -8M0004855 . . . 753
48 -8M0004856 . . . 753
48 -8M0004857 . . . 752
48 -8M0004858 . . . 752
48 -8M0004859 . . . 752
48 -8M0004860 . . . 752
48 -8M0004861 . . . 752
48 -8M0004862 . . . 752
48 -8M0004863 . . . 752
48 -8M0004864 . . . 752
48 -8M0004865 . . . 752
48 -8M0004866 . . . 752
48 -8M0004867 . . . 752
48 -8M0004868 . . . 752
48 -8M0004869 . . . 753
48 -8M0004870 . . . 753
48 -8M0004871 . . . 753
48 -8M0004872 . . . 753
48 -8M0004873 . . . 753
48 -8M0004874 . . . 753
48 -8M0004875 . . . 753
48 -8M0004876 . . . 753
48 -8M0004877 . . . 753
48 -8M0004878 . . . 753
48 -8M0004879 . . . 753
48 -8M0004880 . . . 753
48 -8M0004881 . . . 753
48 -8M0004882 . . . 753
48 -8M0004883 . . . 753
48 -8M0004884 . . . 753
48 -8M0004885 . . . 753
48 -8M0004886 . . . 753
48 -8M0004887 . . . 752
48 -8M0004888 . . . 752
48 -8M0004889 . . . 752
48 -8M0004890 . . . 752
48 -8M0004891 . . . 752
48 -8M0004892 . . . 752
48 -8M0004893 . . . 752
48 -8M0004894 . . . 752
48 -8M0004895 . . . 752
48 -8M0004896 . . . 752
48 -8M0004897 . . . 752
48 -8M0004898 . . . 752
48 -8M0004899 . . . 753
48 -8M0004900 . . . 753
48 -8M0004901 . . . 753
48 -8M0004902 . . . 753
48 -8M0004903 . . . 753
48 -8M0004904 . . . 753
48 -8M0004905 . . . 753
48 -8M0004906 . . . 753
48 -8M0004907 . . . 753
48 -8M0004908 . . . 753
48 -8M0004909 . . . 753
48 -8M0004910 . . . 753
48 -8M0004911 . . . 753
48 -8M0004912 . . . 753
48 -8M0004913 . . . 753
48 -8M0004914 . . . 753
48 -8M0004915 . . . 753
48 -8M0004916 . . . 753
48 -8M0004917 . . . 752
48 -8M0004918 . . . 752
48 -8M0004919 . . . 752
48 -8M0004920 . . . 752
48 -8M0004921 . . . 752
48 -8M0004922 . . . 752
48 -8M0004923 . . . 752
48 -8M0004924 . . . 752
48 -8M0004925 . . . 752
48 -8M0004926 . . . 752
48 -8M0004927 . . . 752
48 -8M0004928 . . . 752
48 -8M0004929 . . . 753
48 -8M0004930 . . . 753
48 -8M0004931 . . . 753
48 -8M0004932 . . . 753
48 -8M0004933 . . . 753
48 -8M0004934 . . . 753
48 -8M0004935 . . . 753
48 -8M0004936 . . . 753
48 -8M0004937 . . . 753
48 -8M0004938 . . . 753
48 -8M0004939 . . . 753
48 -8M0004940 . . . 753
48 -8M0004941 . . . 753
48 -8M0004942 . . . 753
48 -8M0004943 . . . 753
48 -8M0004944 . . . 753

48 -8M0004945 . . . 753
48 -8M0004946 . . . 753
48 -8M0004947 . . . 752
48 -8M0004948 . . . 752
48 -8M0004949 . . . 752
48 -8M0004950 . . . 752
48 -8M0004951 . . . 752
48 -8M0004952 . . . 752
48 -8M0004953 . . . 752
48 -8M0004954 . . . 752
48 -8M0004955 . . . 752
48 -8M0004956 . . . 752
48 -8M0004957 . . . 752
48 -8M0004958 . . . 752
48 -8M0004959 . . . 753
48 -8M0004960 . . . 753
48 -8M0004961 . . . 753
48 -8M0004962 . . . 753
48 -8M0004963 . . . 753
48 -8M0004964 . . . 753
48 -8M0004965 . . . 753
48 -8M0004966 . . . 753
48 -8M0004967 . . . 753
48 -8M0004968 . . . 753
48 -8M0004971 . . . 753
48 -8M0004972 . . . 753
48 -8M0004973 . . . 753
48 -8M0004974 . . . 753
48 -8M0004975 . . . 754
48 -8M0004976 . . . 754
48 -8M0004977 . . . 752
48 -8M0004978 . . . 752
48 -8M0004979 . . . 752
48 -8M0004980 . . . 752
48 -8M0004981 . . . 752
48 -8M0004982 . . . 752
48 -8M0004983 . . . 752
48 -8M0004984 . . . 752
48 -8M0004985 . . . 752
48 -8M0004986 . . . 752
48 -8M0004987 . . . 752
48 -8M0004988 . . . 752
48 -8M0004989 . . . 753
48 -8M0004990 . . . 753
48 -8M0004991 . . . 753
48 -8M0004992 . . . 753
48 -8M0004993 . . . 753
48 -8M0004994 . . . 753
48 -8M0004995 . . . 753
48 -8M0004996 . . . 753
48 -8M0004997 . . . 753
48 -8M0004998 . . . 753
48 -8M0004999 . . . 753
48 -8M0005000 . . . 753
48 -8M0005001 . . . 753
48 -8M0005002 . . . 753
48 -8M0005003 . . . 753
48 -8M0005004 . . . 753
48 -8M0005005 . . . 754
48 -8M0005006 . . . 754
48 -8M0005007 . . . 765
48 -8M0005008 . . . 765
48 -8M0005009 . . . 765
48 -8M0005010 . . . 765
48 -8M0005011 . . . 765
48 -8M0005012 . . . 765
48 -8M0005013 . . . 766
48 -8M0005014 . . . 766
48 -8M0005015 . . . 766
48 -8M0005016 . . . 766
48 -8M0005017 . . . 766
48 -8M0005018 . . . 766
48 -8M0005019 . . . 766
48 -8M0005020 . . . 766
48 -8M0005021 . . . 766
48 -8M0005022 . . . 766
48 -8M0005023 . . . 766
48 -8M0005024 . . . 766
48 -8M0005025 . . . 766
48 -8M0005026 . . . 766
48 -8M0005027 . . . 766
48 -8M0005028 . . . 766
48 -8M0005029 . . . 766
48 -8M0005030 . . . 766
48 -8M0005031 . . . 767
48 -8M0005032 . . . 767
48 -8M0005033 . . . 767
48 -8M0005034 . . . 767
48 -8M0005035 . . . 767
48 -8M0005036 . . . 767
48 -8M0005037 . . . 765
48 -8M0005038 . . . 765
48 -8M0005039 . . . 765
48 -8M0005040 . . . 765
48 -8M0005041 . . . 765
48 -8M0005042 . . . 765
48 -8M0005043 . . . 766
48 -8M0005044 . . . 766
48 -8M0005045 . . . 766
48 -8M0005046 . . . 766
48 -8M0005047 . . . 766
48 -8M0005048 . . . 766
48 -8M0005049 . . . 766
48 -8M0005050 . . . 766
48 -8M0005051 . . . 766
48 -8M0005052 . . . 766
48 -8M0005053 . . . 766
48 -8M0005054 . . . 766
48 -8M0005055 . . . 766
48 -8M0005056 . . . 766
48 -8M0005057 . . . 766
48 -8M0005058 . . . 766
48 -8M0005059 . . . 767
48 -8M0005060 . . . 767

48 -8M0005061 . . . 767
48 -8M0005062 . . . 767
48 -8M0005063 . . . 767
48 -8M0005064 . . . 767
48 -8M0005065 . . . 767
48 -8M0005066 . . . 767
48 -8M0005067 . . . 765
48 -8M0005068 . . . 765
48 -8M0005069 . . . 765
48 -8M0005070 . . . 765
48 -8M0005071 . . . 765
48 -8M0005072 . . . 765
48 -8M0005073 . . . 766
48 -8M0005074 . . . 766
48 -8M0005075 . . . 766
48 -8M0005076 . . . 766
48 -8M0005077 . . . 766
48 -8M0005078 . . . 766
48 -8M0005079 . . . 766
48 -8M0005080 . . . 766
48 -8M0005081 . . . 766
48 -8M0005082 . . . 766
48 -8M0005083 . . . 766
48 -8M0005084 . . . 766
48 -8M0005085 . . . 766
48 -8M0005086 . . . 766
48 -8M0005087 . . . 766
48 -8M0005088 . . . 766
48 -8M0005089 . . . 767
48 -8M0005090 . . . 767
48 -8M0005091 . . . 767
48 -8M0005092 . . . 767
48 -8M0005093 . . . 767
48 -8M0005094 . . . 767
48 -8M0005095 . . . 767
48 -8M0005096 . . . 767
48 -8M0005097 . . . 765
48 -8M0005098 . . . 765
48 -8M0005099 . . . 765
48 -8M0005100 . . . 765
48 -8M0005101 . . . 765
48 -8M0005102 . . . 765
48 -8M0005103 . . . 766
48 -8M0005104 . . . 766
48 -8M0005105 . . . 766
48 -8M0005106 . . . 766
48 -8M0005107 . . . 766
48 -8M0005108 . . . 766
48 -8M0005109 . . . 766
48 -8M0005110 . . . 766
48 -8M0005111 . . . 766
48 -8M0005112 . . . 766
48 -8M0005113 . . . 766
48 -8M0005114 . . . 766
48 -8M0005115 . . . 766
48 -8M0005116 . . . 766
48 -8M0005117 . . . 766
48 -8M0005118 . . . 766
48 -8M0005119 . . . 767
48 -8M0005120 . . . 767
48 -8M0005121 . . . 767
48 -8M0005122 . . . 767
48 -8M0005123 . . . 767
48 -8M0005124 . . . 767
48 -8M0005125 . . . 767
48 -8M0005126 . . . 767
48 -8M0005127 . . . 765
48 -8M0005128 . . . 765
48 -8M0005129 . . . 765
48 -8M0005130 . . . 765
48 -8M0005131 . . . 765
48 -8M0005132 . . . 765
48 -8M0005133 . . . 766
48 -8M0005134 . . . 766
48 -8M0005135 . . . 766
48 -8M0005136 . . . 766
48 -8M0005137 . . . 766
48 -8M0005138 . . . 766
48 -8M0005139 . . . 766
48 -8M0005140 . . . 766
48 -8M0005141 . . . 766
48 -8M0005142 . . . 766
48 -8M0005143 . . . 766
48 -8M0005144 . . . 766
48 -8M0005145 . . . 766
48 -8M0005146 . . . 766
48 -8M0005147 . . . 766
48 -8M0005148 . . . 766
48 -8M0005149 . . . 767
48 -8M0005150 . . . 767
48 -8M0005151 . . . 767
48 -8M0005152 . . . 767
48 -8M0005153 . . . 767
48 -8M0005154 . . . 767
48 -8M0005155 . . . 767
48 -8M0005156 . . . 767
48 -8M0005157 . . . 765
48 -8M0005158 . . . 765
48 -8M0005159 . . . 765
48 -8M0005160 . . . 765
48 -8M0005161 . . . 765
48 -8M0005162 . . . 765
48 -8M0005163 . . . 766
48 -8M0005164 . . . 766
48 -8M0005165 . . . 766
48 -8M0005166 . . . 766
48 -8M0005167 . . . 766
48 -8M0005168 . . . 766
48 -8M0005169 . . . 766
48 -8M0005170 . . . 766
48 -8M0005171 . . . 766
48 -8M0005172 . . . 766
48 -8M0005173 . . . 766
48 -8M0005174 . . . 766

48 -8M0005175 . . . 766
48 -8M0005176 . . . 766
48 -8M0005177 . . . 766
48 -8M0005178 . . . 766
48 -8M0005179 . . . 767
48 -8M0005180 . . . 767
48 -8M0005181 . . . 767
48 -8M0005182 . . . 767
48 -8M0005183 . . . 767
48 -8M0005184 . . . 767
48 -8M0005185 . . . 767
48 -8M0005186 . . . 767
48 -8M0005187 . . . 765
48 -8M0005188 . . . 765
48 -8M0005189 . . . 765
48 -8M0005190 . . . 765
48 -8M0005191 . . . 765
48 -8M0005192 . . . 765
48 -8M0005193 . . . 766
48 -8M0005194 . . . 766
48 -8M0005195 . . . 766
48 -8M0005196 . . . 766
48 -8M0005197 . . . 766
48 -8M0005198 . . . 766
48 -8M0005199 . . . 766
48 -8M0005200 . . . 766
48 -8M0005201 . . . 766
48 -8M0005202 . . . 766
48 -8M0005203 . . . 766
48 -8M0005204 . . . 766
48 -8M0005205 . . . 766
48 -8M0005206 . . . 766
48 -8M0005207 . . . 766
48 -8M0005208 . . . 766
48 -8M0005209 . . . 767
48 -8M0005210 . . . 767
48 -8M0005211 . . . 767
48 -8M0005212 . . . 767
48 -8M0005213 . . . 767
48 -8M0005214 . . . 767
48 -8M0005215 . . . 767
48 -8M0005216 . . . 767
48 -8M0005217 . . . 765
48 -8M0005218 . . . 765
48 -8M0005219 . . . 765
48 -8M0005220 . . . 765
48 -8M0005221 . . . 766
48 -8M0005222 . . . 766
48 -8M0005223 . . . 766
48 -8M0005224 . . . 766
48 -8M0005225 . . . 766
48 -8M0005226 . . . 766
48 -8M0005227 . . . 766
48 -8M0005228 . . . 766
48 -8M0005229 . . . 766
48 -8M0005230 . . . 766
48 -8M0005231 . . . 766
48 -8M0005232 . . . 766
48 -8M0005233 . . . 766
48 -8M0005234 . . . 766
48 -8M0005235 . . . 766
48 -8M0005236 . . . 766
48 -8M0005237 . . . 766
48 -8M0005238 . . . 766
48 -8M0005239 . . . 767
48 -8M0005240 . . . 767
48 -8M0005241 . . . 767
48 -8M0005242 . . . 767
48 -8M0005243 . . . 767
48 -8M0005244 . . . 767
48 -8M0005245 . . . 767
48 -8M0005246 . . . 767
48 -8M0005247 . . . 765
48 -8M0005248 . . . 765
48 -8M0005249 . . . 765
48 -8M0005250 . . . 765
48 -8M0005251 . . . 766
48 -8M0005252 . . . 766
48 -8M0005253 . . . 766
48 -8M0005254 . . . 766
48 -8M0005255 . . . 766
48 -8M0005256 . . . 766
48 -8M0005257 . . . 766
48 -8M0005258 . . . 766
48 -8M0005259 . . . 766
48 -8M0005260 . . . 766
48 -8M0005261 . . . 766
48 -8M0005262 . . . 766
48 -8M0005263 . . . 766
48 -8M0005264 . . . 766
48 -8M0005265 . . . 766
48 -8M0005266 . . . 766
48 -8M0005267 . . . 766
48 -8M0005268 . . . 766
48 -8M0005269 . . . 767
48 -8M0005270 . . . 767
48 -8M0005271 . . . 767
48 -8M0005272 . . . 767
48 -8M0005273 . . . 767
48 -8M0005274 . . . 767
48 -8M0005275 . . . 767
48 -8M0005276 . . . 767
48 -8M0005277 . . . 765
48 -8M0005278 . . . 765
48 -8M0005279 . . . 765
48 -8M0005280 . . . 765
48 -8M0005281 . . . 766
48 -8M0005282 . . . 766
48 -8M0005283 . . . 766
48 -8M0005284 . . . 766
48 -8M0005285 . . . 766
48 -8M0005286 . . . 766
48 -8M0005287 . . . 766
48 -8M0005288 . . . 766

48 -8M0005289 . . . 766
48 -8M0005290 . . . 766
48 -8M0005291 . . . 766
48 -8M0005292 . . . 766
48 -8M0005293 . . . 766
48 -8M0005294 . . . 766
48 -8M0005295 . . . 766
48 -8M0005296 . . . 766
48 -8M0005297 . . . 766
48 -8M0005298 . . . 766
48 -8M0005299 . . . 767
48 -8M0005300 . . . 767
48 -8M0005301 . . . 767
48 -8M0005302 . . . 767
48 -8M0005303 . . . 767
48 -8M0005304 . . . 767
48 -8M0005305 . . . 767
48 -8M0005306 . . . 767
48 -8M0005307 . . . 765
48 -8M0005308 . . . 765
48 -8M0005309 . . . 765
48 -8M0005310 . . . 765
48 -8M0005311 . . . 766
48 -8M0005312 . . . 766
48 -8M0005313 . . . 766
48 -8M0005314 . . . 766
48 -8M0005315 . . . 766
48 -8M0005316 . . . 766
48 -8M0005317 . . . 766
48 -8M0005318 . . . 766
48 -8M0005319 . . . 766
48 -8M0005320 . . . 766
48 -8M0005321 . . . 766
48 -8M0005322 . . . 766
48 -8M0005323 . . . 766
48 -8M0005324 . . . 766
48 -8M0005325 . . . 766
48 -8M0005326 . . . 766
48 -8M0005327 . . . 766
48 -8M0005328 . . . 766
48 -8M0005329 . . . 767
48 -8M0005330 . . . 767
48 -8M0005331 . . . 767
48 -8M0005332 . . . 767
48 -8M0005333 . . . 767
48 -8M0005334 . . . 767
48 -8M0005335 . . . 767
48 -8M0005336 . . . 767
48 -8M0005337 . . . 765
48 -8M0005338 . . . 765
48 -8M0005339 . . . 765
48 -8M0005340 . . . 765
48 -8M0005341 . . . 766
48 -8M0005342 . . . 766
48 -8M0005343 . . . 766
48 -8M0005344 . . . 766
48 -8M0005345 . . . 766
48 -8M0005346 . . . 766
48 -8M0005347 . . . 766
48 -8M0005348 . . . 766
48 -8M0005349 . . . 766
48 -8M0005350 . . . 766
48 -8M0005351 . . . 766
48 -8M0005352 . . . 766
48 -8M0005353 . . . 766
48 -8M0005354 . . . 766
48 -8M0005355 . . . 766
48 -8M0005356 . . . 766
48 -8M0005357 . . . 766
48 -8M0005358 . . . 766
48 -8M0005359 . . . 767
48 -8M0005360 . . . 767
48 -8M0005361 . . . 767
48 -8M0005362 . . . 767
48 -8M0005363 . . . 767
48 -8M0005364 . . . 767
48 -8M0005365 . . . 767
48 -8M0005366 . . . 767
48 -8M0005367 . . . 765
48 -8M0005368 . . . 765
48 -8M0005369 . . . 765
48 -8M0005370 . . . 765
48 -8M0005371 . . . 766
48 -8M0005372 . . . 766
48 -8M0005373 . . . 766
48 -8M0005374 . . . 766
48 -8M0005375 . . . 766
48 -8M0005376 . . . 766
48 -8M0005377 . . . 766
48 -8M0005378 . . . 766
48 -8M0005379 . . . 766
48 -8M0005380 . . . 766
48 -8M0005381 . . . 766
48 -8M0005382 . . . 766
48 -8M0005383 . . . 766
48 -8M0005384 . . . 766
48 -8M0005385 . . . 766
48 -8M0005386 . . . 766
48 -8M0005387 . . . 766
48 -8M0005388 . . . 766
48 -8M0005389 . . . 767
48 -8M0005390 . . . 767
48 -8M0005391 . . . 767
48 -8M0005392 . . . 767
48 -8M0005393 . . . 767
48 -8M0005394 . . . 767
48 -8M0005395 . . . 767
48 -8M0005396 . . . 767
8M0011212 . . . 326, 327, 329, 331, 333, 461
8M0011213 . . . 318, 321, 326, 327, 329, 331, 333, 336, 339, 343, 347, 461
8M0011214 . . . 363, 461
8M0011215 . . . 363, 461
23 -8M0011889 . . . 587

97 -8M0012083 . . . . . 103, 236, 237
8M0012221 205
48 -8M0013507 755
48 -8M0013508 755
48 -8M0013509 755
48 -8M0013510 755
48 -8M0013511 755
48 -8M0013512 755
48 -8M0013513 755
48 -8M0013514 755
48 -8M0013515 755
48 -8M0013516 755
48 -8M0013517 755
48 -8M0013518 755
48 -8M0013519 756
48 -8M0013520 756
48 -8M0013521 756
48 -8M0013522 756
48 -8M0013523 756
48 -8M0013524 756
48 -8M0013525 756
48 -8M0013526 756
48 -8M0013527 756
48 -8M0013528 756
48 -8M0013537 755
48 -8M0013538 755
48 -8M0013539 755
48 -8M0013540 755
48 -8M0013541 755
48 -8M0013542 755
48 -8M0013543 755
48 -8M0013544 755
48 -8M0013545 755
48 -8M0013546 755
48 -8M0013547 755
48 -8M0013548 755
48 -8M0013549 756
48 -8M0013550 756
48 -8M0013551 756
48 -8M0013552 756
48 -8M0013553 756
48 -8M0013554 756
48 -8M0013555 756
48 -8M0013556 756
48 -8M0013557 756
48 -8M0013558 756
48 -8M0013567 755
48 -8M0013568 755
48 -8M0013569 755
48 -8M0013570 755
48 -8M0013571 755
48 -8M0013572 755
48 -8M0013573 755
48 -8M0013574 755
48 -8M0013575 755
48 -8M0013576 755
48 -8M0013577 755
48 -8M0013578 755
48 -8M0013579 756
48 -8M0013580 756
48 -8M0013581 756
48 -8M0013582 756
48 -8M0013583 756
48 -8M0013584 756
48 -8M0013585 756
48 -8M0013586 756
48 -8M0013587 756
48 -8M0013588 756
48 -8M0013597 755
48 -8M0013598 755
48 -8M0013599 755
48 -8M0013600 755
48 -8M0013601 755
48 -8M0013602 755
48 -8M0013603 755
48 -8M0013604 755
48 -8M0013605 755
48 -8M0013606 755
48 -8M0013607 755
48 -8M0013608 755
48 -8M0013609 756
48 -8M0013610 756
48 -8M0013611 756
48 -8M0013612 756
48 -8M0013613 756
48 -8M0013614 756
48 -8M0013615 756
48 -8M0013616 756
48 -8M0013617 756
48 -8M0013618 756
48 -8M0013627 755
48 -8M0013628 755
48 -8M0013629 755
48 -8M0013630 755
48 -8M0013631 755
48 -8M0013632 755
48 -8M0013633 755
48 -8M0013634 755
48 -8M0013635 755
48 -8M0013636 755
48 -8M0013637 755
48 -8M0013638 755
48 -8M0013639 756
48 -8M0013640 756
48 -8M0013641 756
48 -8M0013642 756
48 -8M0013643 756
48 -8M0013644 756
48 -8M0013645 756
48 -8M0013646 756
48 -8M0013647 756
48 -8M0013648 756
48 -8M0013657 755
48 -8M0013658 755

48 -8M0013659 . . . 755
48 -8M0013660 . . . 755
48 -8M0013661 . . . 755
48 -8M0013662 . . . 755
48 -8M0013663 . . . 755
48 -8M0013664 . . . 755
48 -8M0013665 . . . 755
48 -8M0013666 . . . 755
48 -8M0013667 . . . 755
48 -8M0013668 . . . 755
48 -8M0013669 . . . 756
48 -8M0013670 . . . 756
48 -8M0013671 . . . 756
48 -8M0013672 . . . 756
48 -8M0013673 . . . 756
48 -8M0013674 . . . 756
48 -8M0013675 . . . 756
48 -8M0013676 . . . 756
48 -8M0013677 . . . 756
48 -8M0013678 . . . 756
48 -8M0013687 . . . 755
48 -8M0013688 . . . 755
48 -8M0013689 . . . 755
48 -8M0013690 . . . 755
48 -8M0013691 . . . 755
48 -8M0013692 . . . 755
48 -8M0013693 . . . 755
48 -8M0013694 . . . 755
48 -8M0013695 . . . 755
48 -8M0013696 . . . 755
48 -8M0013697 . . . 755
48 -8M0013698 . . . 755
48 -8M0013699 . . . 756
48 -8M0013700 . . . 756
48 -8M0013701 . . . 756
48 -8M0013702 . . . 756
48 -8M0013703 . . . 756
48 -8M0013704 . . . 756
48 -8M0013705 . . . 756
48 -8M0013706 . . . 756
48 -8M0013707 . . . 756
48 -8M0013708 . . . 756
48 -8M0013717 . . . 755
48 -8M0013718 . . . 755
48 -8M0013719 . . . 755
48 -8M0013720 . . . 755
48 -8M0013721 . . . 755
48 -8M0013722 . . . 755
48 -8M0013723 . . . 755
48 -8M0013724 . . . 755
48 -8M0013725 . . . 755
48 -8M0013726 . . . 755
48 -8M0013727 . . . 755
48 -8M0013728 . . . 755
48 -8M0013729 . . . 756
48 -8M0013730 . . . 756
48 -8M0013731 . . . 756
48 -8M0013732 . . . 756
48 -8M0013733 . . . 756
48 -8M0013734 . . . 756
48 -8M0013735 . . . 756
48 -8M0013736 . . . 756
48 -8M0013737 . . . 756
48 -8M0013738 . . . 756
48 -8M0013747 . . . 755
48 -8M0013748 . . . 755
48 -8M0013749 . . . 755
48 -8M0013750 . . . 755
48 -8M0013751 . . . 755
48 -8M0013752 . . . 755
48 -8M0013753 . . . 755
48 -8M0013754 . . . 755
48 -8M0013755 . . . 755
48 -8M0013756 . . . 755
48 -8M0013757 . . . 755
48 -8M0013758 . . . 755
48 -8M0013759 . . . 756
48 -8M0013760 . . . 756
48 -8M0013761 . . . 756
48 -8M0013762 . . . 756
48 -8M0013763 . . . 756
48 -8M0013764 . . . 756
48 -8M0013765 . . . 756
48 -8M0013766 . . . 756
48 -8M0013767 . . . 756
48 -8M0013768 . . . 756
48 -8M0013777 . . . 755
48 -8M0013778 . . . 755
48 -8M0013779 . . . 755
48 -8M0013780 . . . 755
48 -8M0013781 . . . 755
48 -8M0013782 . . . 755
48 -8M0013783 . . . 755
48 -8M0013784 . . . 755
48 -8M0013785 . . . 755
48 -8M0013786 . . . 755
48 -8M0013787 . . . 755
48 -8M0013788 . . . 755
48 -8M0013789 . . . 756
48 -8M0013790 . . . 756
48 -8M0013791 . . . 756
48 -8M0013792 . . . 756
48 -8M0013793 . . . 756
48 -8M0013794 . . . 756
48 -8M0013795 . . . 756
48 -8M0013796 . . . 756
48 -8M0013797 . . . 756
48 -8M0013798 . . . 756
48 -8M0013807 . . . 755
48 -8M0013808 . . . 755
48 -8M0013809 . . . 755
48 -8M0013810 . . . 755
48 -8M0013811 . . . 755
48 -8M0013812 . . . 755

48 -8M0013813 . . . 755
48 -8M0013814 . . . 755
48 -8M0013815 . . . 755
48 -8M0013816 . . . 755
48 -8M0013817 . . . 755
48 -8M0013818 . . . 755
48 -8M0013819 . . . 756
48 -8M0013820 . . . 756
48 -8M0013821 . . . 756
48 -8M0013822 . . . 756
48 -8M0013823 . . . 756
48 -8M0013824 . . . 756
48 -8M0013825 . . . 756
48 -8M0013826 . . . 756
48 -8M0013827 . . . 756
48 -8M0013828 . . . 756
48 -8M0013837 . . . 755
48 -8M0013838 . . . 755
48 -8M0013839 . . . 755
48 -8M0013840 . . . 755
48 -8M0013841 . . . 755
48 -8M0013842 . . . 755
48 -8M0013843 . . . 755
48 -8M0013844 . . . 755
48 -8M0013845 . . . 755
48 -8M0013846 . . . 755
48 -8M0013847 . . . 755
48 -8M0013848 . . . 755
48 -8M0013849 . . . 756
48 -8M0013850 . . . 756
48 -8M0013851 . . . 756
48 -8M0013852 . . . 756
48 -8M0013853 . . . 756
48 -8M0013854 . . . 756
48 -8M0013855 . . . 756
48 -8M0013856 . . . 756
48 -8M0013857 . . . 756
48 -8M0013858 . . . 756
48 -8M0013867 . . . 755
48 -8M0013868 . . . 755
48 -8M0013869 . . . 755
48 -8M0013870 . . . 755
48 -8M0013871 . . . 755
48 -8M0013872 . . . 755
48 -8M0013873 . . . 755
48 -8M0013874 . . . 755
48 -8M0013875 . . . 755
48 -8M0013876 . . . 755
48 -8M0013877 . . . 756
48 -8M0013878 . . . 756
48 -8M0013879 . . . 756
48 -8M0013880 . . . 756
48 -8M0013881 . . . 756
48 -8M0013882 . . . 756
48 -8M0013883 . . . 756
48 -8M0013884 . . . 756
48 -8M0013885 . . . 756
48 -8M0013886 . . . 756
48 -8M0013887 . . . 756
48 -8M0013888 . . . 756
48 -8M0013897 . . . 767
48 -8M0013898 . . . 767
48 -8M0013899 . . . 767
48 -8M0013900 . . . 767
48 -8M0013901 . . . 767
48 -8M0013902 . . . 767
48 -8M0013903 . . . 768
48 -8M0013904 . . . 768
48 -8M0013905 . . . 768
48 -8M0013906 . . . 768
48 -8M0013907 . . . 768
48 -8M0013908 . . . 768
48 -8M0013909 . . . 768
48 -8M0013910 . . . 768
48 -8M0013911 . . . 768
48 -8M0013912 . . . 768
48 -8M0013913 . . . 768
48 -8M0013914 . . . 768
48 -8M0013915 . . . 768
48 -8M0013916 . . . 768
48 -8M0013917 . . . 768
48 -8M0013918 . . . 768
48 -8M0013927 . . . 767
48 -8M0013928 . . . 767
48 -8M0013929 . . . 767
48 -8M0013930 . . . 767
48 -8M0013931 . . . 767
48 -8M0013932 . . . 767
48 -8M0013933 . . . 768
48 -8M0013934 . . . 768
48 -8M0013935 . . . 768
48 -8M0013936 . . . 768
48 -8M0013937 . . . 768
48 -8M0013938 . . . 768
48 -8M0013939 . . . 768
48 -8M0013940 . . . 768
48 -8M0013941 . . . 768
48 -8M0013942 . . . 768
48 -8M0013943 . . . 768
48 -8M0013944 . . . 768
48 -8M0013945 . . . 768
48 -8M0013946 . . . 768
48 -8M0013947 . . . 768
48 -8M0013948 . . . 768
48 -8M0013957 . . . 767
48 -8M0013958 . . . 767
48 -8M0013959 . . . 767
48 -8M0013960 . . . 767
48 -8M0013961 . . . 767
48 -8M0013962 . . . 767
48 -8M0013963 . . . 768
48 -8M0013964 . . . 768
48 -8M0013965 . . . 768
48 -8M0013966 . . . 768

48 -8M0013967 . . . 768
48 -8M0013968 . . . 768
48 -8M0013969 . . . 768
48 -8M0013970 . . . 768
48 -8M0013971 . . . 768
48 -8M0013972 . . . 768
48 -8M0013973 . . . 768
48 -8M0013974 . . . 768
48 -8M0013975 . . . 768
48 -8M0013976 . . . 768
48 -8M0013977 . . . 768
48 -8M0013978 . . . 768
48 -8M0013987 . . . 767
48 -8M0013988 . . . 767
48 -8M0013989 . . . 767
48 -8M0013990 . . . 767
48 -8M0013991 . . . 767
48 -8M0013992 . . . 767
48 -8M0013993 . . . 768
48 -8M0013994 . . . 768
48 -8M0013995 . . . 768
48 -8M0013996 . . . 768
48 -8M0013997 . . . 768
48 -8M0013998 . . . 768
48 -8M0013999 . . . 768
48 -8M0014000 . . . 768
48 -8M0014001 . . . 768
48 -8M0014002 . . . 768
48 -8M0014003 . . . 768
48 -8M0014004 . . . 768
48 -8M0014005 . . . 768
48 -8M0014006 . . . 768
48 -8M0014007 . . . 768
48 -8M0014008 . . . 768
48 -8M0014017 . . . 767
48 -8M0014018 . . . 767
48 -8M0014019 . . . 767
48 -8M0014020 . . . 767
48 -8M0014021 . . . 767
48 -8M0014022 . . . 767
48 -8M0014023 . . . 768
48 -8M0014024 . . . 768
48 -8M0014025 . . . 768
48 -8M0014026 . . . 768
48 -8M0014027 . . . 768
48 -8M0014028 . . . 768
48 -8M0014029 . . . 768
48 -8M0014030 . . . 768
48 -8M0014031 . . . 768
48 -8M0014032 . . . 768
48 -8M0014033 . . . 768
48 -8M0014034 . . . 768
48 -8M0014035 . . . 768
48 -8M0014036 . . . 768
48 -8M0014037 . . . 768
48 -8M0014038 . . . 768
48 -8M0014047 . . . 767
48 -8M0014048 . . . 767
48 -8M0014049 . . . 767
48 -8M0014050 . . . 767
48 -8M0014051 . . . 767
48 -8M0014052 . . . 767
48 -8M0014053 . . . 768
48 -8M0014054 . . . 768
48 -8M0014055 . . . 768
48 -8M0014056 . . . 768
48 -8M0014057 . . . 768
48 -8M0014058 . . . 768
48 -8M0014059 . . . 768
48 -8M0014060 . . . 768
48 -8M0014061 . . . 768
48 -8M0014062 . . . 768
48 -8M0014063 . . . 768
48 -8M0014064 . . . 768
48 -8M0014065 . . . 768
48 -8M0014066 . . . 768
48 -8M0014067 . . . 768
48 -8M0014068 . . . 768
48 -8M0014077 . . . 767
48 -8M0014078 . . . 767
48 -8M0014079 . . . 767
48 -8M0014080 . . . 767
48 -8M0014081 . . . 767
48 -8M0014082 . . . 767
48 -8M0014083 . . . 768
48 -8M0014084 . . . 768
48 -8M0014085 . . . 768
48 -8M0014086 . . . 768
48 -8M0014087 . . . 768
48 -8M0014088 . . . 768
48 -8M0014089 . . . 768
48 -8M0014090 . . . 768
48 -8M0014091 . . . 768
48 -8M0014092 . . . 768
48 -8M0014093 . . . 768
48 -8M0014094 . . . 768
48 -8M0014095 . . . 768
48 -8M0014096 . . . 768
48 -8M0014097 . . . 768
48 -8M0014098 . . . 768
48 -8M0014107 . . . 767
48 -8M0014108 . . . 767
48 -8M0014109 . . . 767
48 -8M0014110 . . . 767
48 -8M0014111 . . . 767
48 -8M0014112 . . . 767
48 -8M0014113 . . . 768
48 -8M0014114 . . . 768
48 -8M0014115 . . . 768
48 -8M0014116 . . . 768
48 -8M0014117 . . . 768
48 -8M0014118 . . . 768
48 -8M0014119 . . . 768
48 -8M0014120 . . . 768

48 -8M0014121 . . . 768
48 -8M0014122 . . . 768
48 -8M0014123 . . . 768
48 -8M0014124 . . . 768
48 -8M0014125 . . . 768
48 -8M0014126 . . . 768
48 -8M0014127 . . . 768
48 -8M0014128 . . . 768
48 -8M0014137 . . . 767
48 -8M0014138 . . . 767
48 -8M0014139 . . . 767
48 -8M0014140 . . . 767
48 -8M0014141 . . . 767
48 -8M0014142 . . . 767
48 -8M0014143 . . . 768
48 -8M0014144 . . . 768
48 -8M0014145 . . . 768
48 -8M0014146 . . . 768
48 -8M0014147 . . . 768
48 -8M0014148 . . . 768
48 -8M0014149 . . . 768
48 -8M0014150 . . . 768
48 -8M0014151 . . . 768
48 -8M0014152 . . . 768
48 -8M0014153 . . . 768
48 -8M0014154 . . . 768
48 -8M0014155 . . . 768
48 -8M0014156 . . . 768
48 -8M0014157 . . . 768
48 -8M0014158 . . . 768
48 -8M0014167 . . . 767
48 -8M0014168 . . . 767
48 -8M0014169 . . . 767
48 -8M0014170 . . . 767
48 -8M0014171 . . . 767
48 -8M0014172 . . . 767
48 -8M0014173 . . . 768
48 -8M0014174 . . . 768
48 -8M0014175 . . . 768
48 -8M0014176 . . . 768
48 -8M0014177 . . . 768
48 -8M0014178 . . . 768
48 -8M0014179 . . . 768
48 -8M0014180 . . . 759, 768
48 -8M0014181 . . . 768
48 -8M0014182 . . . 768
48 -8M0014183 . . . 768
48 -8M0014184 . . . 768
48 -8M0014185 . . . 768
48 -8M0014186 . . . 768
48 -8M0014187 . . . 768
48 -8M0014188 . . . 768
48 -8M0014197 . . . 767
48 -8M0014198 . . . 767
48 -8M0014199 . . . 767
48 -8M0014200 . . . 767
48 -8M0014201 . . . 767
48 -8M0014202 . . . 767
48 -8M0014203 . . . 768
48 -8M0014204 . . . 768
48 -8M0014205 . . . 768
48 -8M0014206 . . . 768
48 -8M0014207 . . . 768
48 -8M0014208 . . . 768
48 -8M0014209 . . . 768
48 -8M0014210 . . . 768
48 -8M0014211 . . . 768
48 -8M0014212 . . . 768
48 -8M0014213 . . . 768
48 -8M0014214 . . . 768
48 -8M0014215 . . . 768
48 -8M0014216 . . . 768
48 -8M0014217 . . . 768
48 -8M0014218 . . . 768
48 -8M0014227 . . . 767
48 -8M0014228 . . . 767
48 -8M0014229 . . . 767
48 -8M0014230 . . . 767
48 -8M0014231 . . . 768
48 -8M0014232 . . . 768
48 -8M0014233 . . . 768
48 -8M0014234 . . . 768
48 -8M0014235 . . . 768
48 -8M0014236 . . . 768
48 -8M0014237 . . . 768
48 -8M0014238 . . . 768
48 -8M0014239 . . . 768
48 -8M0014240 . . . 768
48 -8M0014241 . . . 768
48 -8M0014242 . . . 768
48 -8M0014243 . . . 768
48 -8M0014244 . . . 768
48 -8M0014245 . . . 768
48 -8M0014246 . . . 768
48 -8M0014247 . . . 768
48 -8M0014248 . . . 768
48 -8M0014257 . . . 767
48 -8M0014258 . . . 767
48 -8M0014259 . . . 767
48 -8M0014260 . . . 767
48 -8M0014261 . . . 768
48 -8M0014262 . . . 768
48 -8M0014263 . . . 768
48 -8M0014264 . . . 768
48 -8M0014265 . . . 768
48 -8M0014266 . . . 768
48 -8M0014267 . . . 768
48 -8M0014268 . . . 768
48 -8M0014269 . . . 768
48 -8M0014270 . . . 759, 768
48 -8M0014271 . . . 768
48 -8M0014272 . . . 768
48 -8M0014273 . . . 768
48 -8M0014274 . . . 768

48 -8M0014275 . . . 768
48 -8M0014276 . . . 768
48 -8M0014277 . . . 768
48 -8M0014278 . . . 768
48 -8M0014677 . . . 756
48 -8M0014678 . . . 756
48 -8M0014679 . . . 756
48 -8M0014680 . . . 756
48 -8M0014681 . . . 756
48 -8M0014682 . . . 756
48 -8M0014683 . . . 757
48 -8M0014684 . . . 757
48 -8M0014685 . . . 757
48 -8M0014686 . . . 757
48 -8M0014687 . . . 757
48 -8M0014688 . . . 757
48 -8M0014689 . . . 757
48 -8M0014690 . . . 757
48 -8M0014691 . . . 757
48 -8M0014692 . . . 757
48 -8M0014693 . . . 757
48 -8M0014694 . . . 757
48 -8M0014695 . . . 757
48 -8M0014696 . . . 757
48 -8M0014697 . . . 757
48 -8M0014698 . . . 757
48 -8M0014707 . . . 756
48 -8M0014708 . . . 756
48 -8M0014709 . . . 756
48 -8M0014710 . . . 756
48 -8M0014711 . . . 757
48 -8M0014712 . . . 757
48 -8M0014713 . . . 757
48 -8M0014714 . . . 757
48 -8M0014715 . . . 757
48 -8M0014716 . . . 757
48 -8M0014717 . . . 757
48 -8M0014718 . . . 757
48 -8M0014719 . . . 757
48 -8M0014720 . . . 757
48 -8M0014721 . . . 757
48 -8M0014722 . . . 757
48 -8M0014723 . . . 757
48 -8M0014724 . . . 757
48 -8M0014725 . . . 757
48 -8M0014726 . . . 757
48 -8M0014727 . . . 757
48 -8M0014728 . . . 757
48 -8M0014737 . . . 756
48 -8M0014738 . . . 756
48 -8M0014739 . . . 756
48 -8M0014740 . . . 756
48 -8M0014741 . . . 757
48 -8M0014742 . . . 757
48 -8M0014743 . . . 757
48 -8M0014744 . . . 757
48 -8M0014745 . . . 757
48 -8M0014746 . . . 757
48 -8M0014747 . . . 757
48 -8M0014748 . . . 757
48 -8M0014749 . . . 757
48 -8M0014750 . . . 757
48 -8M0014751 . . . 757
48 -8M0014752 . . . 757
48 -8M0014753 . . . 757
48 -8M0014754 . . . 757
48 -8M0014755 . . . 757
48 -8M0014756 . . . 757
48 -8M0014757 . . . 757
48 -8M0014758 . . . 757
48 -8M0014767 . . . 756
48 -8M0014768 . . . 756
48 -8M0014769 . . . 756
48 -8M0014770 . . . 756
48 -8M0014771 . . . 757
48 -8M0014772 . . . 757
48 -8M0014773 . . . 757
48 -8M0014774 . . . 757
48 -8M0014775 . . . 757
48 -8M0014776 . . . 757
48 -8M0014777 . . . 757
48 -8M0014778 . . . 757
48 -8M0014779 . . . 757
48 -8M0014780 . . . 757
48 -8M0014781 . . . 757
48 -8M0014782 . . . 757
48 -8M0014783 . . . 757
48 -8M0014784 . . . 757
48 -8M0014785 . . . 757
48 -8M0014786 . . . 757
48 -8M0014787 . . . 757
48 -8M0014788 . . . 757
48 -8M0014797 . . . 756
48 -8M0014798 . . . 756
48 -8M0014799 . . . 756
48 -8M0014800 . . . 756
48 -8M0014801 . . . 757
48 -8M0014802 . . . 757
48 -8M0014803 . . . 757
48 -8M0014804 . . . 757
48 -8M0014805 . . . 757
48 -8M0014806 . . . 757
48 -8M0014807 . . . 757
48 -8M0014808 . . . 757
48 -8M0014809 . . . 757
48 -8M0014810 . . . 757
48 -8M0014811 . . . 757
48 -8M0014812 . . . 757
48 -8M0014813 . . . 757
48 -8M0014814 . . . 757
48 -8M0014815 . . . 757
48 -8M0014816 . . . 757
48 -8M0014817 . . . 757
48 -8M0014818 . . . 757

48 -8M0014827 . . . 756
48 -8M0014828 . . . 756
48 -8M0014829 . . . 756
48 -8M0014830 . . . 756
48 -8M0014831 . . . 757
48 -8M0014832 . . . 757
48 -8M0014833 . . . 757
48 -8M0014834 . . . 757
48 -8M0014835 . . . 757
48 -8M0014836 . . . 757
48 -8M0014837 . . . 757
48 -8M0014838 . . . 757
48 -8M0014839 . . . 757
48 -8M0014840 . . . 757
48 -8M0014841 . . . 757
48 -8M0014842 . . . 757
48 -8M0014843 . . . 757
48 -8M0014844 . . . 757
48 -8M0014845 . . . 757
48 -8M0014846 . . . 757
48 -8M0014847 . . . 757
48 -8M0014848 . . . 757
48 -8M0014857 . . . 756
48 -8M0014858 . . . 756
48 -8M0014859 . . . 756
48 -8M0014860 . . . 756
48 -8M0014861 . . . 757
48 -8M0014862 . . . 757
48 -8M0014863 . . . 757
48 -8M0014864 . . . 757
48 -8M0014865 . . . 757
48 -8M0014866 . . . 757
48 -8M0014867 . . . 757
48 -8M0014868 . . . 757
48 -8M0014869 . . . 757
48 -8M0014870 . . . 757
48 -8M0014871 . . . 757
48 -8M0014872 . . . 757
48 -8M0014873 . . . 757
48 -8M0014874 . . . 757
48 -8M0014875 . . . 757
48 -8M0014876 . . . 757
48 -8M0014877 . . . 757
48 -8M0014878 . . . 757
48 -8M0014887 . . . 756
48 -8M0014888 . . . 756
48 -8M0014889 . . . 756
48 -8M0014890 . . . 756
48 -8M0014891 . . . 757
48 -8M0014892 . . . 757
48 -8M0014893 . . . 757
48 -8M0014894 . . . 757
48 -8M0014895 . . . 757
48 -8M0014896 . . . 757
48 -8M0014897 . . . 757
48 -8M0014898 . . . 757
48 -8M0014899 . . . 757
48 -8M0014900 . . . 757
48 -8M0014901 . . . 757
48 -8M0014902 . . . 757
48 -8M0014903 . . . 757
48 -8M0014904 . . . 757
48 -8M0014905 . . . 757
48 -8M0014906 . . . 757
48 -8M0014907 . . . 757
48 -8M0014908 . . . 757
48 -8M0014917 . . . 756
48 -8M0014918 . . . 756
48 -8M0014919 . . . 756
48 -8M0014920 . . . 756
48 -8M0014921 . . . 757
48 -8M0014922 . . . 757
48 -8M0014923 . . . 757
48 -8M0014924 . . . 757
48 -8M0014925 . . . 757
48 -8M0014926 . . . 757
48 -8M0014927 . . . 757
48 -8M0014928 . . . 757
48 -8M0014929 . . . 757
48 -8M0014930 . . . 757
48 -8M0014931 . . . 757
48 -8M0014932 . . . 757
48 -8M0014933 . . . 757
48 -8M0014934 . . . 757
48 -8M0014935 . . . 757
48 -8M0014936 . . . 757
48 -8M0014937 . . . 757
48 -8M0014938 . . . 757
48 -8M0014947 . . . 756
48 -8M0014948 . . . 756
48 -8M0014949 . . . 756
48 -8M0014950 . . . 756
48 -8M0014951 . . . 757
48 -8M0014952 . . . 757
48 -8M0014953 . . . 757
48 -8M0014954 . . . 757
48 -8M0014955 . . . 757
48 -8M0014956 . . . 757
48 -8M0014957 . . . 757
48 -8M0014958 . . . 757
48 -8M0014959 . . . 757
48 -8M0014960 . . . 757
48 -8M0014961 . . . 757
48 -8M0014962 . . . 757
48 -8M0014963 . . . 757
48 -8M0014964 . . . 757
48 -8M0014965 . . . 757
48 -8M0014966 . . . 757
48 -8M0014967 . . . 758
48 -8M0014968 . . . 758
48 -8M0014977 . . . 756
48 -8M0014978 . . . 756
48 -8M0014979 . . . 756
48 -8M0014980 . . . 756

48 -8M0014981 . . . 757
48 -8M0014982 . . . 757
48 -8M0014983 . . . 757
48 -8M0014984 . . . 757
48 -8M0014985 . . . 757
48 -8M0014986 . . . 757
48 -8M0014987 . . . 757
48 -8M0014988 . . . 757
48 -8M0014989 . . . 757
48 -8M0014990 . . . 757
48 -8M0014991 . . . 757
48 -8M0014992 . . . 757
48 -8M0014993 . . . 757
48 -8M0014994 . . . 757
48 -8M0014995 . . . 757
48 -8M0014996 . . . 757
48 -8M0014997 . . . 758
48 -8M0014998 . . . 758
48 -8M0015007 . . . 756
48 -8M0015008 . . . 756
48 -8M0015009 . . . 756
48 -8M0015010 . . . 756
48 -8M0015011 . . . 757
48 -8M0015012 . . . 757
48 -8M0015013 . . . 757
48 -8M0015014 . . . 757
48 -8M0015015 . . . 757
48 -8M0015016 . . . 757
48 -8M0015017 . . . 757
48 -8M0015018 . . . 757
48 -8M0015019 . . . 757
48 -8M0015020 . . . 757
48 -8M0015021 . . . 757
48 -8M0015022 . . . 757
48 -8M0015023 . . . 757
48 -8M0015024 . . . 757
48 -8M0015025 . . . 757
48 -8M0015026 . . . 757
48 -8M0015027 . . . 758
48 -8M0015028 . . . 758
48 -8M0015037 . . . 756
48 -8M0015038 . . . 756
48 -8M0015039 . . . 756
48 -8M0015040 . . . 756
48 -8M0015041 . . . 757
48 -8M0015042 . . . 757
48 -8M0015043 . . . 757
48 -8M0015044 . . . 757
48 -8M0015045 . . . 757
48 -8M0015046 . . . 757
48 -8M0015047 . . . 757
48 -8M0015048 . . . 757
48 -8M0015049 . . . 757
48 -8M0015050 . . . 757
48 -8M0015051 . . . 757
48 -8M0015052 . . . 757
48 -8M0015053 . . . 757
48 -8M0015054 . . . 757
48 -8M0015055 . . . 757
48 -8M0015056 . . . 757
48 -8M0015057 . . . 758
48 -8M0015058 . . . 758
48 -8M0015067 . . . 769
48 -8M0015068 . . . 769
48 -8M0015069 . . . 769
48 -8M0015070 . . . 769
48 -8M0015071 . . . 769
48 -8M0015072 . . . 769
48 -8M0015073 . . . 769
48 -8M0015074 . . . 769
48 -8M0015075 . . . 769
48 -8M0015076 . . . 769
48 -8M0015077 . . . 769
48 -8M0015078 . . . 769
48 -8M0015079 . . . 769
48 -8M0015080 . . . 769
48 -8M0015081 . . . 769
48 -8M0015082 . . . 769
48 -8M0015083 . . . 769
48 -8M0015084 . . . 769
48 -8M0015085 . . . 770
48 -8M0015086 . . . 770
48 -8M0015087 . . . 770
48 -8M0015088 . . . 770
48 -8M0015097 . . . 769
48 -8M0015098 . . . 769
48 -8M0015099 . . . 769
48 -8M0015100 . . . 769
48 -8M0015101 . . . 769
48 -8M0015102 . . . 769
48 -8M0015103 . . . 769
48 -8M0015104 . . . 769
48 -8M0015105 . . . 769
48 -8M0015106 . . . 769
48 -8M0015107 . . . 769
48 -8M0015108 . . . 769
48 -8M0015109 . . . 769
48 -8M0015110 . . . 769
48 -8M0015111 . . . 769
48 -8M0015112 . . . 769
48 -8M0015113 . . . 769
48 -8M0015114 . . . 769
48 -8M0015115 . . . 770
48 -8M0015116 . . . 770
48 -8M0015117 . . . 770
48 -8M0015118 . . . 770
48 -8M0015127 . . . 769
48 -8M0015128 . . . 769
48 -8M0015129 . . . 769
48 -8M0015130 . . . 769
48 -8M0015131 . . . 769
48 -8M0015132 . . . 769
48 -8M0015133 . . . 769
48 -8M0015134 . . . 769

48 -8M0015135 . . . 769
48 -8M0015136 . . . 769
48 -8M0015137 . . . 769
48 -8M0015138 . . . 769
48 -8M0015139 . . . 769
48 -8M0015140 . . . 769
48 -8M0015141 . . . 769
48 -8M0015142 . . . 769
48 -8M0015143 . . . 769
48 -8M0015144 . . . 769
48 -8M0015145 . . . 770
48 -8M0015146 . . . 770
48 -8M0015147 . . . 770
48 -8M0015148 . . . 770
48 -8M0015157 . . . 769
48 -8M0015158 . . . 769
48 -8M0015159 . . . 769
48 -8M0015160 . . . 769
48 -8M0015161 . . . 769
48 -8M0015162 . . . 769
48 -8M0015163 . . . 769
48 -8M0015164 . . . 769
48 -8M0015165 . . . 769
48 -8M0015166 . . . 769
48 -8M0015167 . . . 769
48 -8M0015168 . . . 769
48 -8M0015169 . . . 769
48 -8M0015170 . . . 769
48 -8M0015171 . . . 769
48 -8M0015172 . . . 769
48 -8M0015173 . . . 770
48 -8M0015174 . . . 770
48 -8M0015175 . . . 770
48 -8M0015176 . . . 770
48 -8M0015177 . . . 770
48 -8M0015178 . . . 770
48 -8M0015187 . . . 769
48 -8M0015188 . . . 769
48 -8M0015189 . . . 769
48 -8M0015190 . . . 769
48 -8M0015191 . . . 769
48 -8M0015192 . . . 769
48 -8M0015193 . . . 769
48 -8M0015194 . . . 769
48 -8M0015195 . . . 769
48 -8M0015196 . . . 769
48 -8M0015197 . . . 769
48 -8M0015198 . . . 769
48 -8M0015199 . . . 769
48 -8M0015200 . . . 769
48 -8M0015201 . . . 769
48 -8M0015202 . . . 769
48 -8M0015203 . . . 770
48 -8M0015204 . . . 770
48 -8M0015205 . . . 770
48 -8M0015206 . . . 770
48 -8M0015207 . . . 770
48 -8M0015208 . . . 770
48 -8M0015217 . . . 769
48 -8M0015218 . . . 769
48 -8M0015219 . . . 769
48 -8M0015220 . . . 769
48 -8M0015221 . . . 769
48 -8M0015222 . . . 769
48 -8M0015223 . . . 769
48 -8M0015224 . . . 769
48 -8M0015225 . . . 769
48 -8M0015226 . . . 769
48 -8M0015227 . . . 769
48 -8M0015228 . . . 769
48 -8M0015229 . . . 769
48 -8M0015230 . . . 769
48 -8M0015231 . . . 769
48 -8M0015232 . . . 769
48 -8M0015233 . . . 770
48 -8M0015234 . . . 770
48 -8M0015235 . . . 770
48 -8M0015236 . . . 770
48 -8M0015237 . . . 770
48 -8M0015238 . . . 770
48 -8M0015247 . . . 769
48 -8M0015248 . . . 769
48 -8M0015249 . . . 769
48 -8M0015250 . . . 769
48 -8M0015251 . . . 769
48 -8M0015252 . . . 769
48 -8M0015253 . . . 769
48 -8M0015254 . . . 769
48 -8M0015255 . . . 769
48 -8M0015256 . . . 769
48 -8M0015257 . . . 769
48 -8M0015258 . . . 769
48 -8M0015259 . . . 769
48 -8M0015260 . . . 769
48 -8M0015261 . . . 769
48 -8M0015262 . . . 769
48 -8M0015263 . . . 770
48 -8M0015264 . . . 770
48 -8M0015265 . . . 770
48 -8M0015266 . . . 770
48 -8M0015267 . . . 770
48 -8M0015268 . . . 770
48 -8M0015277 . . . 769
48 -8M0015278 . . . 769
48 -8M0015279 . . . 769
48 -8M0015280 . . . 769
48 -8M0015281 . . . 769
48 -8M0015282 . . . 769
48 -8M0015283 . . . 769
48 -8M0015284 . . . 769
48 -8M0015285 . . . 769
48 -8M0015286 . . . 769
48 -8M0015287 . . . 769
48 -8M0015288 . . . 769

48 -8M0015289 . . . 769
48 -8M0015290 . . . 769
48 -8M0015291 . . . 769
48 -8M0015292 . . . 769
48 -8M0015293 . . . 770
48 -8M0015294 . . . 770
48 -8M0015295 . . . 770
48 -8M0015296 . . . 770
48 -8M0015297 . . . 770
48 -8M0015298 . . . 770
48 -8M0015307 . . . 769
48 -8M0015308 . . . 769
48 -8M0015309 . . . 769
48 -8M0015310 . . . 769
48 -8M0015311 . . . 769
48 -8M0015312 . . . 769
48 -8M0015313 . . . 769
48 -8M0015314 . . . 769
48 -8M0015315 . . . 769
48 -8M0015316 . . . 769
48 -8M0015317 . . . 769
48 -8M0015318 . . . 769
48 -8M0015319 . . . 769
48 -8M0015320 . . . 769
48 -8M0015321 . . . 769
48 -8M0015322 . . . 769
48 -8M0015323 . . . 770
48 -8M0015324 . . . 770
48 -8M0015325 . . . 770
48 -8M0015326 . . . 770
48 -8M0015327 . . . 770
48 -8M0015328 . . . 770
48 -8M0015337 . . . 769
48 -8M0015338 . . . 769
48 -8M0015339 . . . 769
48 -8M0015340 . . . 769
48 -8M0015341 . . . 769
48 -8M0015342 . . . 769
48 -8M0015343 . . . 769
48 -8M0015344 . . . 769
48 -8M0015345 . . . 769
48 -8M0015346 . . . 769
48 -8M0015347 . . . 769
48 -8M0015348 . . . 769
48 -8M0015349 . . . 769
48 -8M0015350 . . . 769
48 -8M0015351 . . . 769
48 -8M0015352 . . . 769
48 -8M0015353 . . . 770
48 -8M0015354 . . . 770
48 -8M0015355 . . . 770
48 -8M0015356 . . . 770
48 -8M0015357 . . . 770
48 -8M0015358 . . . 770
48 -8M0015367 . . . 769
48 -8M0015368 . . . 769
48 -8M0015369 . . . 769
48 -8M0015370 . . . 769
48 -8M0015371 . . . 769
48 -8M0015372 . . . 769
48 -8M0015373 . . . 769
48 -8M0015374 . . . 769
48 -8M0015375 . . . 769
48 -8M0015376 . . . 769
48 -8M0015377 . . . 769
48 -8M0015378 . . . 769
48 -8M0015379 . . . 769
48 -8M0015380 . . . 769
48 -8M0015381 . . . 769
48 -8M0015382 . . . 769
48 -8M0015383 . . . 770
48 -8M0015384 . . . 770
48 -8M0015385 . . . 770
48 -8M0015386 . . . 770
48 -8M0015387 . . . 770
48 -8M0015388 . . . 770
48 -8M0015397 . . . 769
48 -8M0015398 . . . 769
48 -8M0015399 . . . 769
48 -8M0015400 . . . 769
48 -8M0015401 . . . 769
48 -8M0015402 . . . 769
48 -8M0015403 . . . 769
48 -8M0015404 . . . 769
48 -8M0015405 . . . 769
48 -8M0015406 . . . 769
48 -8M0015407 . . . 769
48 -8M0015408 . . . 769
48 -8M0015409 . . . 769
48 -8M0015410 . . . 769
48 -8M0015411 . . . 769
48 -8M0015412 . . . 769
48 -8M0015413 . . . 770
48 -8M0015414 . . . 770
48 -8M0015415 . . . 770
48 -8M0015416 . . . 770
48 -8M0015417 . . . 770
48 -8M0015418 . . . 770
48 -8M0015427 . . . 769
48 -8M0015428 . . . 769
48 -8M0015429 . . . 769
48 -8M0015430 . . . 769
48 -8M0015431 . . . 769
48 -8M0015432 . . . 769
48 -8M0015433 . . . 769
48 -8M0015434 . . . 769
48 -8M0015435 . . . 769
48 -8M0015436 . . . 769
48 -8M0015437 . . . 769
48 -8M0015438 . . . 769
48 -8M0015439 . . . 769
48 -8M0015440 . . . 769
48 -8M0015441 . . . 769
48 -8M0015442 . . . 769

48 -8M0015443 . . . 770
48 -8M0015444 . . . 770
48 -8M0015445 . . . 770
48 -8M0015446 . . . 770
48 -8M0015447 . . . 770
48 -8M0015448 . . . 770
48 -8M0017089 . . . 759
48 -8M0017090 . . . 759
48 -8M0017091 . . . 759
48 -8M0017092 . . . 759
48 -8M0017093 . . . 759
48 -8M0017094 . . . 759
48 -8M0017095 . . . 759
48 -8M0017096 . . . 759
48 -8M0017097 . . . 759
48 -8M0017098 . . . 759
48 -8M0017099 . . . 759
48 -8M0017100 . . . 759
48 -8M0017101 . . . 759
48 -8M0017102 . . . 759
48 -8M0017103 . . . 760
48 -8M0017104 . . . 760
48 -8M0017105 . . . 760
48 -8M0017106 . . . 760
48 -8M0017107 . . . 760
48 -8M0017108 . . . 760
48 -8M0017109 . . . 760
48 -8M0017110 . . . 760
48 -8M0017119 . . . 759
48 -8M0017120 . . . 759
48 -8M0017121 . . . 759
48 -8M0017122 . . . 759
48 -8M0017123 . . . 759
48 -8M0017124 . . . 759
48 -8M0017125 . . . 759
48 -8M0017126 . . . 759
48 -8M0017127 . . . 759
48 -8M0017128 . . . 759
48 -8M0017129 . . . 759
48 -8M0017130 . . . 759
48 -8M0017131 . . . 759
48 -8M0017132 . . . 759
48 -8M0017133 . . . 760
48 -8M0017134 . . . 760
48 -8M0017135 . . . 760
48 -8M0017136 . . . 760
48 -8M0017137 . . . 760
48 -8M0017138 . . . 760
48 -8M0017139 . . . 760
48 -8M0017140 . . . 760
48 -8M0017149 . . . 759
48 -8M0017150 . . . 759
48 -8M0017151 . . . 759
48 -8M0017152 . . . 759
48 -8M0017153 . . . 759
48 -8M0017154 . . . 759
48 -8M0017155 . . . 759
48 -8M0017156 . . . 759
48 -8M0017157 . . . 759
48 -8M0017158 . . . 759
48 -8M0017159 . . . 759
48 -8M0017160 . . . 759
48 -8M0017161 . . . 759
48 -8M0017162 . . . 759
48 -8M0017163 . . . 760
48 -8M0017164 . . . 760
48 -8M0017165 . . . 760
48 -8M0017166 . . . 760
48 -8M0017167 . . . 760
48 -8M0017168 . . . 760
48 -8M0017169 . . . 760
48 -8M0017170 . . . 760
48 -8M0017179 . . . 759
48 -8M0017181 . . . 759
48 -8M0017182 . . . 759
48 -8M0017183 . . . 759
48 -8M0017184 . . . 759
48 -8M0017185 . . . 759
48 -8M0017186 . . . 759
48 -8M0017187 . . . 759
48 -8M0017188 . . . 759
48 -8M0017189 . . . 759
48 -8M0017190 . . . 759
48 -8M0017191 . . . 759
48 -8M0017192 . . . 759
48 -8M0017193 . . . 760
48 -8M0017194 . . . 760
48 -8M0017195 . . . 760
48 -8M0017196 . . . 760
48 -8M0017197 . . . 760
48 -8M0017198 . . . 760
48 -8M0017199 . . . 760
48 -8M0017200 . . . 760
48 -8M0017209 . . . 759
48 -8M0017210 . . . 759
48 -8M0017211 . . . 759
48 -8M0017212 . . . 759
48 -8M0017213 . . . 759
48 -8M0017214 . . . 759
48 -8M0017215 . . . 759
48 -8M0017216 . . . 759
48 -8M0017217 . . . 759
48 -8M0017218 . . . 759
48 -8M0017219 . . . 759
48 -8M0017220 . . . 759
48 -8M0017221 . . . 759
48 -8M0017222 . . . 759
48 -8M0017223 . . . 760
48 -8M0017224 . . . 760
48 -8M0017225 . . . 760
48 -8M0017226 . . . 760
48 -8M0017227 . . . 760
48 -8M0017228 . . . 760
48 -8M0017229 . . . 760

48 -8M0017230 760
48 -8M0017239 759
48 -8M0017240 759
48 -8M0017241 759
48 -8M0017242 759
48 -8M0017243 759
48 -8M0017244 759
48 -8M0017245 759
48 -8M0017246 759
48 -8M0017247 759
48 -8M0017248 759
48 -8M0017249 759
48 -8M0017250 759
48 -8M0017251 760
48 -8M0017252 760
48 -8M0017253 760
48 -8M0017254 760
48 -8M0017255 760
48 -8M0017256 760
48 -8M0017257 760
48 -8M0017258 760
48 -8M0017259 760
48 -8M0017260 760
48 -8M0017269 759
48 -8M0017271 759
48 -8M0017272 759
48 -8M0017273 759
48 -8M0017274 759
48 -8M0017275 759
48 -8M0017276 759
48 -8M0017277 759
48 -8M0017278 759
48 -8M0017279 759
48 -8M0017280 759
48 -8M0017281 760
48 -8M0017282 760
48 -8M0017283 760
48 -8M0017284 760
48 -8M0017285 760
48 -8M0017286 760
48 -8M0017287 760
48 -8M0017288 760
48 -8M0017289 760
48 -8M0017290 760
48 -8M0017299 759
48 -8M0017300 759
48 -8M0017301 759
48 -8M0017302 759
48 -8M0017303 759
48 -8M0017304 759
48 -8M0017305 759
48 -8M0017306 759
48 -8M0017307 759
48 -8M0017308 759
48 -8M0017309 759
48 -8M0017310 759
48 -8M0017311 760
48 -8M0017312 760
48 -8M0017313 760
48 -8M0017314 760
48 -8M0017315 760
48 -8M0017316 760
48 -8M0017317 760
48 -8M0017318 760
48 -8M0017319 760
48 -8M0017320 760
48 -8M0017329 759
48 -8M0017330 759
48 -8M0017331 759
48 -8M0017332 759
48 -8M0017333 759
48 -8M0017334 759
48 -8M0017335 759
48 -8M0017336 759
48 -8M0017337 759
48 -8M0017338 759
48 -8M0017339 759
48 -8M0017340 759
48 -8M0017341 760
48 -8M0017342 760
48 -8M0017343 760
48 -8M0017344 760
48 -8M0017345 760
48 -8M0017346 760
48 -8M0017347 760
48 -8M0017348 760
48 -8M0017349 760
48 -8M0017350 760
48 -8M0017359 759
48 -8M0017360 759
48 -8M0017361 759
48 -8M0017362 759
48 -8M0017363 759
48 -8M0017364 759
48 -8M0017365 759
48 -8M0017366 759
48 -8M0017367 759
48 -8M0017368 759
48 -8M0017369 759
48 -8M0017370 759
48 -8M0017371 760
48 -8M0017372 760
48 -8M0017373 760
48 -8M0017374 760
48 -8M0017375 760
48 -8M0017376 760
48 -8M0017377 760
48 -8M0017378 760
48 -8M0017379 760
48 -8M0017380 760
48 -8M0017389 759
48 -8M0017390 759
48 -8M0017391 759
48 -8M0017392 759

48 -8M0017393 . . . 759
48 -8M0017394 . . . 759
48 -8M0017395 . . . 759
48 -8M0017396 . . . 759
48 -8M0017397 . . . 759
48 -8M0017398 . . . 759
48 -8M0017399 . . . 759
48 -8M0017400 . . . 759
48 -8M0017401 . . . 760
48 -8M0017402 . . . 760
48 -8M0017403 . . . 760
48 -8M0017404 . . . 760
48 -8M0017405 . . . 760
48 -8M0017406 . . . 760
48 -8M0017407 . . . 760
48 -8M0017408 . . . 760
48 -8M0017409 . . . 760
48 -8M0017410 . . . 760
48 -8M0017419 . . . 759
48 -8M0017420 . . . 759
48 -8M0017421 . . . 759
48 -8M0017422 . . . 759
48 -8M0017423 . . . 759
48 -8M0017424 . . . 759
48 -8M0017425 . . . 759
48 -8M0017426 . . . 759
48 -8M0017427 . . . 759
48 -8M0017428 . . . 759
48 -8M0017429 . . . 759
48 -8M0017430 . . . 759
48 -8M0017431 . . . 760
48 -8M0017432 . . . 760
48 -8M0017433 . . . 760
48 -8M0017434 . . . 760
48 -8M0017435 . . . 760
48 -8M0017436 . . . 760
48 -8M0017437 . . . 760
48 -8M0017438 . . . 760
48 -8M0017439 . . . 760
48 -8M0017440 . . . 760
48 -8M0017449 . . . 759
48 -8M0017450 . . . 759
48 -8M0017451 . . . 759
48 -8M0017452 . . . 759
48 -8M0017453 . . . 759
48 -8M0017454 . . . 759
48 -8M0017455 . . . 759
48 -8M0017456 . . . 759
48 -8M0017457 . . . 759
48 -8M0017458 . . . 759
48 -8M0017459 . . . 759
48 -8M0017460 . . . 759
48 -8M0017461 . . . 760
48 -8M0017462 . . . 760
48 -8M0017463 . . . 760
48 -8M0017464 . . . 760
48 -8M0017465 . . . 760
48 -8M0017466 . . . 760
48 -8M0017467 . . . 760
48 -8M0017468 . . . 760
48 -8M0017469 . . . 760
48 -8M0017470 . . . 760
48 -8M0017479 . . . 770
48 -8M0017480 . . . 770
48 -8M0017481 . . . 770
48 -8M0017482 . . . 770
48 -8M0017483 . . . 770
48 -8M0017484 . . . 770
48 -8M0017485 . . . 770
48 -8M0017486 . . . 770
48 -8M0017487 . . . 771
48 -8M0017488 . . . 771
48 -8M0017489 . . . 771
48 -8M0017490 . . . 771
48 -8M0017491 . . . 771
48 -8M0017492 . . . 771
48 -8M0017493 . . . 771
48 -8M0017494 . . . 771
48 -8M0017495 . . . 771
48 -8M0017496 . . . 771
48 -8M0017497 . . . 771
48 -8M0017498 . . . 771
48 -8M0017499 . . . 771
48 -8M0017500 . . . 771
48 -8M0017509 . . . 770
48 -8M0017510 . . . 770
48 -8M0017511 . . . 770
48 -8M0017512 . . . 770
48 -8M0017513 . . . 770
48 -8M0017514 . . . 770
48 -8M0017515 . . . 770
48 -8M0017516 . . . 770
48 -8M0017517 . . . 771
48 -8M0017518 . . . 771
48 -8M0017519 . . . 771
48 -8M0017520 . . . 771
48 -8M0017521 . . . 771
48 -8M0017522 . . . 771
48 -8M0017523 . . . 771
48 -8M0017524 . . . 771
48 -8M0017525 . . . 771
48 -8M0017526 . . . 771
48 -8M0017527 . . . 771
48 -8M0017528 . . . 771
48 -8M0017529 . . . 771
48 -8M0017530 . . . 771
48 -8M0017539 . . . 770
48 -8M0017540 . . . 770
48 -8M0017541 . . . 770
48 -8M0017542 . . . 770
48 -8M0017543 . . . 770
48 -8M0017544 . . . 770
48 -8M0017545 . . . 770
48 -8M0017546 . . . 770

48 -8M0017547 . . . 771
48 -8M0017548 . . . 771
48 -8M0017549 . . . 771
48 -8M0017550 . . . 771
48 -8M0017551 . . . 771
48 -8M0017552 . . . 771
48 -8M0017553 . . . 771
48 -8M0017554 . . . 771
48 -8M0017555 . . . 771
48 -8M0017556 . . . 771
48 -8M0017557 . . . 771
48 -8M0017558 . . . 771
48 -8M0017559 . . . 771
48 -8M0017560 . . . 771
48 -8M0017569 . . . 770
48 -8M0017570 . . . 770
48 -8M0017571 . . . 770
48 -8M0017572 . . . 770
48 -8M0017573 . . . 770
48 -8M0017574 . . . 770
48 -8M0017575 . . . 770
48 -8M0017576 . . . 770
48 -8M0017577 . . . 771
48 -8M0017578 . . . 771
48 -8M0017579 . . . 771
48 -8M0017580 . . . 771
48 -8M0017581 . . . 771
48 -8M0017582 . . . 771
48 -8M0017583 . . . 771
48 -8M0017584 . . . 771
48 -8M0017585 . . . 771
48 -8M0017586 . . . 771
48 -8M0017587 . . . 771
48 -8M0017588 . . . 771
48 -8M0017589 . . . 771
48 -8M0017590 . . . 771
48 -8M0017599 . . . 770
48 -8M0017600 . . . 770
48 -8M0017601 . . . 770
48 -8M0017602 . . . 770
48 -8M0017603 . . . 770
48 -8M0017604 . . . 770
48 -8M0017605 . . . 770
48 -8M0017606 . . . 770
48 -8M0017607 . . . 771
48 -8M0017608 . . . 771
48 -8M0017609 . . . 771
48 -8M0017610 . . . 771
48 -8M0017611 . . . 771
48 -8M0017612 . . . 771
48 -8M0017613 . . . 771
48 -8M0017614 . . . 771
48 -8M0017615 . . . 771
48 -8M0017616 . . . 771
48 -8M0017617 . . . 771
48 -8M0017618 . . . 771
48 -8M0017619 . . . 771
48 -8M0017620 . . . 771
48 -8M0017629 . . . 770
48 -8M0017630 . . . 770
48 -8M0017631 . . . 770
48 -8M0017632 . . . 770
48 -8M0017633 . . . 770
48 -8M0017634 . . . 770
48 -8M0017635 . . . 770
48 -8M0017636 . . . 770
48 -8M0017637 . . . 771
48 -8M0017638 . . . 771
48 -8M0017639 . . . 771
48 -8M0017640 . . . 771
48 -8M0017641 . . . 771
48 -8M0017642 . . . 771
48 -8M0017643 . . . 771
48 -8M0017644 . . . 771
48 -8M0017645 . . . 771
48 -8M0017646 . . . 771
48 -8M0017647 . . . 771
48 -8M0017648 . . . 771
48 -8M0017649 . . . 771
48 -8M0017650 . . . 771
48 -8M0017659 . . . 770
48 -8M0017660 . . . 770
48 -8M0017661 . . . 770
48 -8M0017662 . . . 770
48 -8M0017663 . . . 770
48 -8M0017664 . . . 770
48 -8M0017665 . . . 770
48 -8M0017666 . . . 770
48 -8M0017667 . . . 771
48 -8M0017668 . . . 771
48 -8M0017669 . . . 771
48 -8M0017670 . . . 771
48 -8M0017671 . . . 771
48 -8M0017672 . . . 771
48 -8M0017673 . . . 771
48 -8M0017674 . . . 771
48 -8M0017675 . . . 771
48 -8M0017676 . . . 771
48 -8M0017677 . . . 771
48 -8M0017678 . . . 771
48 -8M0017679 . . . 771
48 -8M0017680 . . . 771
48 -8M0017689 . . . 770
48 -8M0017690 . . . 770
48 -8M0017691 . . . 770
48 -8M0017692 . . . 770
48 -8M0017693 . . . 770
48 -8M0017694 . . . 770
48 -8M0017695 . . . 770
48 -8M0017696 . . . 770
48 -8M0017697 . . . 771
48 -8M0017698 . . . 771
48 -8M0017699 . . . 771
48 -8M0017700 . . . 771

48 -8M0017701 . . . 771
48 -8M0017702 . . . 771
48 -8M0017703 . . . 771
48 -8M0017704 . . . 771
48 -8M0017705 . . . 771
48 -8M0017706 . . . 771
48 -8M0017707 . . . 771
48 -8M0017708 . . . 771
48 -8M0017709 . . . 771
48 -8M0017710 . . . 771
48 -8M0017719 . . . 770
48 -8M0017720 . . . 770
48 -8M0017721 . . . 770
48 -8M0017722 . . . 770
48 -8M0017723 . . . 770
48 -8M0017724 . . . 770
48 -8M0017725 . . . 770
48 -8M0017726 . . . 770
48 -8M0017727 . . . 771
48 -8M0017728 . . . 771
48 -8M0017729 . . . 771
48 -8M0017730 . . . 771
48 -8M0017731 . . . 771
48 -8M0017732 . . . 771
48 -8M0017733 . . . 771
48 -8M0017734 . . . 771
48 -8M0017735 . . . 771
48 -8M0017736 . . . 771
48 -8M0017737 . . . 771
48 -8M0017738 . . . 771
48 -8M0017739 . . . 771
48 -8M0017740 . . . 771
48 -8M0017749 . . . 770
48 -8M0017750 . . . 770
48 -8M0017751 . . . 770
48 -8M0017752 . . . 770
48 -8M0017753 . . . 770
48 -8M0017754 . . . 770
48 -8M0017755 . . . 770
48 -8M0017756 . . . 770
48 -8M0017757 . . . 771
48 -8M0017758 . . . 771
48 -8M0017759 . . . 771
48 -8M0017760 . . . 771
48 -8M0017761 . . . 771
48 -8M0017762 . . . 771
48 -8M0017763 . . . 771
48 -8M0017764 . . . 771
48 -8M0017765 . . . 771
48 -8M0017766 . . . 771
48 -8M0017767 . . . 771
48 -8M0017768 . . . 771
48 -8M0017769 . . . 771
48 -8M0017770 . . . 771
48 -8M0017779 . . . 770
48 -8M0017780 . . . 770
48 -8M0017781 . . . 770
48 -8M0017782 . . . 770
48 -8M0017783 . . . 770
48 -8M0017784 . . . 770
48 -8M0017785 . . . 770
48 -8M0017786 . . . 770
48 -8M0017787 . . . 771
48 -8M0017788 . . . 771
48 -8M0017789 . . . 771
48 -8M0017790 . . . 771
48 -8M0017791 . . . 771
48 -8M0017792 . . . 771
48 -8M0017793 . . . 771
48 -8M0017794 . . . 771
48 -8M0017795 . . . 771
48 -8M0017796 . . . 771
48 -8M0017797 . . . 771
48 -8M0017798 . . . 771
48 -8M0017799 . . . 771
48 -8M0017800 . . . 771
48 -8M0017809 . . . 770
48 -8M0017810 . . . 770
48 -8M0017811 . . . 770
48 -8M0017812 . . . 770
48 -8M0017813 . . . 770
48 -8M0017814 . . . 770
48 -8M0017815 . . . 770
48 -8M0017816 . . . 770
48 -8M0017817 . . . 771
48 -8M0017818 . . . 771
48 -8M0017819 . . . 771
48 -8M0017820 . . . 771
48 -8M0017821 . . . 771
48 -8M0017822 . . . 771
48 -8M0017823 . . . 771
48 -8M0017824 . . . 771
48 -8M0017825 . . . 771
48 -8M0017826 . . . 771
48 -8M0017827 . . . 771
48 -8M0017828 . . . 771
48 -8M0017829 . . . 771
48 -8M0017830 . . . 771
48 -8M0017839 . . . 770
48 -8M0017840 . . . 770
48 -8M0017841 . . . 770
48 -8M0017842 . . . 770
48 -8M0017843 . . . 770
48 -8M0017844 . . . 770
48 -8M0017845 . . . 771
48 -8M0017846 . . . 771
48 -8M0017847 . . . 771
48 -8M0017848 . . . 771
48 -8M0017849 . . . 771
48 -8M0017850 . . . 771
48 -8M0017851 . . . 771
48 -8M0017852 . . . 771
48 -8M0017853 . . . 771
48 -8M0017854 . . . 771

48 -8M0017855 . . . 771
48 -8M0017856 . . . 771
48 -8M0017857 . . . 771
48 -8M0017858 . . . 771
48 -8M0017859 . . . 771
48 -8M0017860 . . . 771
48 -8M0018259 . . . 760
48 -8M0018260 . . . 760
48 -8M0018261 . . . 760
48 -8M0018262 . . . 760
48 -8M0018263 . . . 760
48 -8M0018264 . . . 760
48 -8M0018265 . . . 760
48 -8M0018266 . . . 760
48 -8M0018267 . . . 761
48 -8M0018268 . . . 761
48 -8M0018269 . . . 761
48 -8M0018270 . . . 761
48 -8M0018271 . . . 761
48 -8M0018272 . . . 761
48 -8M0018273 . . . 761
48 -8M0018274 . . . 761
48 -8M0018275 . . . 761
48 -8M0018276 . . . 761
48 -8M0018277 . . . 761
48 -8M0018278 . . . 761
48 -8M0018279 . . . 761
48 -8M0018280 . . . 761
48 -8M0018289 . . . 760
48 -8M0018290 . . . 760
48 -8M0018291 . . . 760
48 -8M0018292 . . . 760
48 -8M0018293 . . . 760
48 -8M0018294 . . . 760
48 -8M0018295 . . . 760
48 -8M0018296 . . . 760
48 -8M0018297 . . . 761
48 -8M0018298 . . . 761
48 -8M0018299 . . . 761
48 -8M0018300 . . . 761
48 -8M0018301 . . . 761
48 -8M0018302 . . . 761
48 -8M0018303 . . . 761
48 -8M0018304 . . . 761
48 -8M0018305 . . . 761
48 -8M0018306 . . . 761
48 -8M0018307 . . . 761
48 -8M0018308 . . . 761
48 -8M0018309 . . . 761
48 -8M0018310 . . . 761
48 -8M0018319 . . . 760
48 -8M0018320 . . . 760
48 -8M0018321 . . . 760
48 -8M0018322 . . . 760
48 -8M0018323 . . . 760
48 -8M0018324 . . . 760
48 -8M0018325 . . . 760
48 -8M0018326 . . . 760
48 -8M0018327 . . . 761
48 -8M0018328 . . . 761
48 -8M0018329 . . . 761
48 -8M0018330 . . . 761
48 -8M0018331 . . . 761
48 -8M0018332 . . . 761
48 -8M0018333 . . . 761
48 -8M0018334 . . . 761
48 -8M0018335 . . . 761
48 -8M0018336 . . . 761
48 -8M0018337 . . . 761
48 -8M0018338 . . . 761
48 -8M0018339 . . . 761
48 -8M0018340 . . . 761
48 -8M0018349 . . . 760
48 -8M0018350 . . . 760
48 -8M0018351 . . . 760
48 -8M0018352 . . . 760
48 -8M0018353 . . . 760
48 -8M0018354 . . . 760
48 -8M0018355 . . . 760
48 -8M0018356 . . . 760
48 -8M0018357 . . . 761
48 -8M0018358 . . . 761
48 -8M0018359 . . . 761
48 -8M0018360 . . . 761
48 -8M0018361 . . . 761
48 -8M0018362 . . . 761
48 -8M0018363 . . . 761
48 -8M0018364 . . . 761
48 -8M0018365 . . . 761
48 -8M0018366 . . . 761
48 -8M0018367 . . . 761
48 -8M0018368 . . . 761
48 -8M0018369 . . . 761
48 -8M0018370 . . . 761
48 -8M0018379 . . . 760
48 -8M0018380 . . . 760
48 -8M0018381 . . . 760
48 -8M0018382 . . . 760
48 -8M0018383 . . . 760
48 -8M0018384 . . . 760
48 -8M0018385 . . . 760
48 -8M0018386 . . . 760
48 -8M0018387 . . . 761
48 -8M0018388 . . . 761
48 -8M0018389 . . . 761
48 -8M0018390 . . . 761
48 -8M0018391 . . . 761
48 -8M0018392 . . . 761
48 -8M0018393 . . . 761
48 -8M0018394 . . . 761
48 -8M0018395 . . . 761
48 -8M0018396 . . . 761
48 -8M0018397 . . . 761
48 -8M0018398 . . . 761

48 -8M0018399 . . . 761
48 -8M0018400 . . . 761
48 -8M0018409 . . . 760
48 -8M0018410 . . . 760
48 -8M0018411 . . . 760
48 -8M0018412 . . . 760
48 -8M0018413 . . . 760
48 -8M0018414 . . . 760
48 -8M0018415 . . . 760
48 -8M0018416 . . . 760
48 -8M0018417 . . . 761
48 -8M0018418 . . . 761
48 -8M0018419 . . . 761
48 -8M0018420 . . . 761
48 -8M0018421 . . . 761
48 -8M0018422 . . . 761
48 -8M0018423 . . . 761
48 -8M0018424 . . . 761
48 -8M0018425 . . . 761
48 -8M0018426 . . . 761
48 -8M0018427 . . . 761
48 -8M0018428 . . . 761
48 -8M0018429 . . . 761
48 -8M0018430 . . . 761
48 -8M0018439 . . . 760
48 -8M0018440 . . . 760
48 -8M0018441 . . . 760
48 -8M0018442 . . . 760
48 -8M0018443 . . . 760
48 -8M0018444 . . . 760
48 -8M0018445 . . . 761
48 -8M0018446 . . . 761
48 -8M0018447 . . . 761
48 -8M0018448 . . . 761
48 -8M0018449 . . . 761
48 -8M0018450 . . . 761
48 -8M0018451 . . . 761
48 -8M0018452 . . . 761
48 -8M0018453 . . . 761
48 -8M0018454 . . . 761
48 -8M0018455 . . . 761
48 -8M0018456 . . . 761
48 -8M0018457 . . . 761
48 -8M0018458 . . . 761
48 -8M0018459 . . . 761
48 -8M0018460 . . . 761
48 -8M0018469 . . . 760
48 -8M0018470 . . . 760
48 -8M0018471 . . . 760
48 -8M0018472 . . . 760
48 -8M0018473 . . . 760
48 -8M0018474 . . . 760
48 -8M0018475 . . . 761
48 -8M0018476 . . . 761
48 -8M0018477 . . . 761
48 -8M0018478 . . . 761
48 -8M0018479 . . . 761
48 -8M0018480 . . . 761
48 -8M0018481 . . . 761
48 -8M0018482 . . . 761
48 -8M0018483 . . . 761
48 -8M0018484 . . . 761
48 -8M0018485 . . . 761
48 -8M0018486 . . . 761
48 -8M0018487 . . . 761
48 -8M0018488 . . . 761
48 -8M0018489 . . . 761
48 -8M0018490 . . . 761
48 -8M0018499 . . . 760
48 -8M0018500 . . . 760
48 -8M0018501 . . . 760
48 -8M0018502 . . . 760
48 -8M0018503 . . . 760
48 -8M0018504 . . . 760
48 -8M0018505 . . . 761
48 -8M0018506 . . . 761
48 -8M0018507 . . . 761
48 -8M0018508 . . . 761
48 -8M0018509 . . . 761
48 -8M0018510 . . . 761
48 -8M0018511 . . . 761
48 -8M0018512 . . . 761
48 -8M0018513 . . . 761
48 -8M0018514 . . . 761
48 -8M0018515 . . . 761
48 -8M0018516 . . . 761
48 -8M0018517 . . . 761
48 -8M0018518 . . . 761
48 -8M0018519 . . . 761
48 -8M0018520 . . . 761
48 -8M0018529 . . . 760
48 -8M0018530 . . . 760
48 -8M0018531 . . . 760
48 -8M0018532 . . . 760
48 -8M0018533 . . . 760
48 -8M0018534 . . . 760
48 -8M0018535 . . . 761
48 -8M0018536 . . . 761
48 -8M0018537 . . . 761
48 -8M0018538 . . . 761
48 -8M0018539 . . . 761
48 -8M0018540 . . . 761
48 -8M0018541 . . . 761
48 -8M0018542 . . . 761
48 -8M0018543 . . . 761
48 -8M0018544 . . . 761
48 -8M0018545 . . . 761
48 -8M0018546 . . . 761
48 -8M0018547 . . . 761
48 -8M0018548 . . . 761
48 -8M0018549 . . . 761
48 -8M0018550 . . . 761
48 -8M0018559 . . . 760
48 -8M0018560 . . . 760

48 -8M0018561 . . . 760
48 -8M0018562 . . . 760
48 -8M0018563 . . . 760
48 -8M0018564 . . . 760
48 -8M0018565 . . . 761
48 -8M0018566 . . . 761
48 -8M0018567 . . . 761
48 -8M0018568 . . . 761
48 -8M0018569 . . . 761
48 -8M0018570 . . . 761
48 -8M0018571 . . . 761
48 -8M0018572 . . . 761
48 -8M0018573 . . . 761
48 -8M0018574 . . . 761
48 -8M0018575 . . . 761
48 -8M0018576 . . . 761
48 -8M0018577 . . . 761
48 -8M0018578 . . . 761
48 -8M0018579 . . . 761
48 -8M0018580 . . . 761
48 -8M0018589 . . . 760
48 -8M0018590 . . . 760
48 -8M0018591 . . . 760
48 -8M0018592 . . . 760
48 -8M0018593 . . . 760
48 -8M0018594 . . . 760
48 -8M0018595 . . . 761
48 -8M0018596 . . . 761
48 -8M0018597 . . . 761
48 -8M0018598 . . . 761
48 -8M0018599 . . . 761
48 -8M0018600 . . . 761
48 -8M0018601 . . . 761
48 -8M0018602 . . . 761
48 -8M0018603 . . . 761
48 -8M0018604 . . . 761
48 -8M0018605 . . . 761
48 -8M0018606 . . . 761
48 -8M0018607 . . . 761
48 -8M0018608 . . . 761
48 -8M0018609 . . . 761
48 -8M0018610 . . . 761
48 -8M0018619 . . . 760
48 -8M0018620 . . . 760
48 -8M0018621 . . . 760
48 -8M0018622 . . . 760
48 -8M0018623 . . . 760
48 -8M0018624 . . . 760
48 -8M0018625 . . . 761
48 -8M0018626 . . . 761
48 -8M0018627 . . . 761
48 -8M0018628 . . . 761
48 -8M0018629 . . . 761
48 -8M0018630 . . . 761
48 -8M0018631 . . . 761
48 -8M0018632 . . . 761
48 -8M0018633 . . . 761
48 -8M0018634 . . . 761
48 -8M0018635 . . . 761
48 -8M0018636 . . . 761
48 -8M0018637 . . . 761
48 -8M0018638 . . . 761
48 -8M0018639 . . . 761
48 -8M0018640 . . . 761
48 -8M0018649 . . . 771
48 -8M0018650 . . . 771
48 -8M0018651 . . . 772
48 -8M0018652 . . . 772
48 -8M0018653 . . . 772
48 -8M0018654 . . . 772
48 -8M0018655 . . . 772
48 -8M0018656 . . . 772
48 -8M0018657 . . . 772
48 -8M0018658 . . . 772
48 -8M0018659 . . . 772
48 -8M0018660 . . . 772
48 -8M0018661 . . . 772
48 -8M0018662 . . . 772
48 -8M0018663 . . . 772
48 -8M0018664 . . . 772
48 -8M0018665 . . . 772
48 -8M0018666 . . . 772
48 -8M0018667 . . . 772
48 -8M0018668 . . . 772
48 -8M0018669 . . . 773
48 -8M0018670 . . . 773
48 -8M0018679 . . . 771
48 -8M0018680 . . . 771
48 -8M0018681 . . . 772
48 -8M0018682 . . . 772
48 -8M0018683 . . . 772
48 -8M0018684 . . . 772
48 -8M0018685 . . . 772
48 -8M0018686 . . . 772
48 -8M0018687 . . . 772
48 -8M0018688 . . . 772
48 -8M0018689 . . . 772
48 -8M0018690 . . . 772
48 -8M0018691 . . . 772
48 -8M0018692 . . . 772
48 -8M0018693 . . . 772
48 -8M0018694 . . . 772
48 -8M0018695 . . . 772
48 -8M0018696 . . . 772
48 -8M0018697 . . . 772
48 -8M0018698 . . . 772
48 -8M0018699 . . . 773
48 -8M0018700 . . . 773
48 -8M0018709 . . . 771
48 -8M0018710 . . . 771
48 -8M0018711 . . . 772
48 -8M0018712 . . . 772
48 -8M0018713 . . . 772
48 -8M0018714 . . . 772

48 -8M0018715 . . . 772
48 -8M0018716 . . . 772
48 -8M0018717 . . . 772
48 -8M0018718 . . . 772
48 -8M0018719 . . . 772
48 -8M0018720 . . . 772
48 -8M0018721 . . . 772
48 -8M0018722 . . . 772
48 -8M0018723 . . . 772
48 -8M0018724 . . . 772
48 -8M0018725 . . . 772
48 -8M0018726 . . . 772
48 -8M0018727 . . . 772
48 -8M0018728 . . . 772
48 -8M0018729 . . . 773
48 -8M0018730 . . . 773
48 -8M0018739 . . . 771
48 -8M0018740 . . . 771
48 -8M0018741 . . . 772
48 -8M0018742 . . . 772
48 -8M0018743 . . . 772
48 -8M0018744 . . . 772
48 -8M0018745 . . . 772
48 -8M0018746 . . . 772
48 -8M0018747 . . . 772
48 -8M0018748 . . . 772
48 -8M0018749 . . . 772
48 -8M0018750 . . . 772
48 -8M0018751 . . . 772
48 -8M0018752 . . . 772
48 -8M0018753 . . . 772
48 -8M0018754 . . . 772
48 -8M0018755 . . . 772
48 -8M0018756 . . . 772
48 -8M0018757 . . . 772
48 -8M0018758 . . . 772
48 -8M0018759 . . . 773
48 -8M0018760 . . . 773
48 -8M0018769 . . . 771
48 -8M0018770 . . . 771
48 -8M0018771 . . . 772
48 -8M0018772 . . . 772
48 -8M0018773 . . . 772
48 -8M0018774 . . . 772
48 -8M0018775 . . . 772
48 -8M0018776 . . . 772
48 -8M0018777 . . . 772
48 -8M0018778 . . . 772
48 -8M0018779 . . . 772
48 -8M0018780 . . . 772
48 -8M0018781 . . . 772
48 -8M0018782 . . . 772
48 -8M0018783 . . . 772
48 -8M0018784 . . . 772
48 -8M0018785 . . . 772
48 -8M0018786 . . . 772
48 -8M0018787 . . . 772
48 -8M0018788 . . . 772
48 -8M0018789 . . . 773
48 -8M0018790 . . . 773
48 -8M0018799 . . . 771
48 -8M0018800 . . . 771
48 -8M0018801 . . . 772
48 -8M0018802 . . . 772
48 -8M0018803 . . . 772
48 -8M0018804 . . . 772
48 -8M0018805 . . . 772
48 -8M0018806 . . . 772
48 -8M0018807 . . . 772
48 -8M0018808 . . . 772
48 -8M0018809 . . . 772
48 -8M0018810 . . . 772
48 -8M0018811 . . . 772
48 -8M0018812 . . . 772
48 -8M0018813 . . . 772
48 -8M0018814 . . . 772
48 -8M0018815 . . . 772
48 -8M0018816 . . . 772
48 -8M0018817 . . . 772
48 -8M0018818 . . . 772
48 -8M0018819 . . . 773
48 -8M0018820 . . . 773
48 -8M0018829 . . . 771
48 -8M0018830 . . . 771
48 -8M0018831 . . . 772
48 -8M0018832 . . . 772
48 -8M0018833 . . . 772
48 -8M0018834 . . . 772
48 -8M0018835 . . . 772
48 -8M0018836 . . . 772
48 -8M0018837 . . . 772
48 -8M0018838 . . . 772
48 -8M0018839 . . . 772
48 -8M0018840 . . . 772
48 -8M0018841 . . . 772
48 -8M0018842 . . . 772
48 -8M0018843 . . . 772
48 -8M0018844 . . . 772
48 -8M0018845 . . . 772
48 -8M0018846 . . . 772
48 -8M0018847 . . . 772
48 -8M0018848 . . . 772
48 -8M0018849 . . . 773
48 -8M0018850 . . . 773
48 -8M0018859 . . . 771
48 -8M0018860 . . . 771
48 -8M0018861 . . . 772
48 -8M0018862 . . . 772
48 -8M0018863 . . . 772
48 -8M0018864 . . . 772
48 -8M0018865 . . . 772
48 -8M0018866 . . . 772
48 -8M0018867 . . . 772
48 -8M0018868 . . . 772

48 -8M0018869 . . . 772
48 -8M0018870 . . . 772
48 -8M0018871 . . . 772
48 -8M0018872 . . . 772
48 -8M0018873 . . . 772
48 -8M0018874 . . . 772
48 -8M0018875 . . . 772
48 -8M0018876 . . . 772
48 -8M0018877 . . . 772
48 -8M0018878 . . . 772
48 -8M0018879 . . . 773
48 -8M0018880 . . . 773
48 -8M0018889 . . . 771
48 -8M0018890 . . . 771
48 -8M0018891 . . . 772
48 -8M0018892 . . . 772
48 -8M0018893 . . . 772
48 -8M0018894 . . . 772
48 -8M0018895 . . . 772
48 -8M0018896 . . . 772
48 -8M0018897 . . . 772
48 -8M0018898 . . . 772
48 -8M0018899 . . . 772
48 -8M0018900 . . . 772
48 -8M0018901 . . . 772
48 -8M0018902 . . . 772
48 -8M0018903 . . . 772
48 -8M0018904 . . . 772
48 -8M0018905 . . . 772
48 -8M0018906 . . . 772
48 -8M0018907 . . . 773
48 -8M0018908 . . . 773
48 -8M0018909 . . . 773
48 -8M0018910 . . . 773
48 -8M0018919 . . . 771
48 -8M0018920 . . . 771
48 -8M0018921 . . . 772
48 -8M0018922 . . . 772
48 -8M0018923 . . . 772
48 -8M0018924 . . . 772
48 -8M0018925 . . . 772
48 -8M0018926 . . . 772
48 -8M0018927 . . . 772
48 -8M0018928 . . . 772
48 -8M0018929 . . . 772
48 -8M0018930 . . . 772
48 -8M0018931 . . . 772
48 -8M0018932 . . . 772
48 -8M0018933 . . . 772
48 -8M0018934 . . . 772
48 -8M0018935 . . . 772
48 -8M0018936 . . . 772
48 -8M0018937 . . . 773
48 -8M0018938 . . . 773
48 -8M0018939 . . . 773
48 -8M0018940 . . . 773
48 -8M0018949 . . . 771
48 -8M0018950 . . . 771
48 -8M0018951 . . . 772
48 -8M0018952 . . . 772
48 -8M0018953 . . . 772
48 -8M0018954 . . . 772
48 -8M0018955 . . . 772
48 -8M0018956 . . . 772
48 -8M0018957 . . . 772
48 -8M0018958 . . . 772
48 -8M0018959 . . . 772
48 -8M0018960 . . . 772
48 -8M0018961 . . . 772
48 -8M0018962 . . . 772
48 -8M0018963 . . . 772
48 -8M0018964 . . . 772
48 -8M0018965 . . . 772
48 -8M0018966 . . . 772
48 -8M0018967 . . . 773
48 -8M0018968 . . . 773
48 -8M0018969 . . . 773
48 -8M0018970 . . . 773
48 -8M0018979 . . . 771
48 -8M0018980 . . . 771
48 -8M0018981 . . . 772
48 -8M0018982 . . . 772
48 -8M0018983 . . . 772
48 -8M0018984 . . . 772
48 -8M0018985 . . . 772
48 -8M0018986 . . . 772
48 -8M0018987 . . . 772
48 -8M0018988 . . . 772
48 -8M0018989 . . . 772
48 -8M0018990 . . . 772
48 -8M0018991 . . . 772
48 -8M0018992 . . . 772
48 -8M0018993 . . . 772
48 -8M0018994 . . . 772
48 -8M0018995 . . . 772
48 -8M0018996 . . . 772
48 -8M0018997 . . . 773
48 -8M0018998 . . . 773
48 -8M0018999 . . . 773
48 -8M0019000 . . . 773
48 -8M0019009 . . . 771
48 -8M0019010 . . . 771
48 -8M0019011 . . . 772
48 -8M0019012 . . . 772
48 -8M0019013 . . . 772
48 -8M0019014 . . . 772
48 -8M0019015 . . . 772
48 -8M0019016 . . . 772
48 -8M0019017 . . . 772
48 -8M0019018 . . . 772
48 -8M0019019 . . . 772
48 -8M0019020 . . . 772
48 -8M0019021 . . . 772
48 -8M0019022 . . . 772

48 -8M0019023 772
48 -8M0019024 772
48 -8M0019025 772
48 -8M0019026 772
48 -8M0019027 773
48 -8M0019028 773
48 -8M0019029 773
48 -8M0019030 773
8M0021043 79
22 -8M0022199 447
91 -8M0026088 874
8M0026098 630
57 -8M0026410 233
10 -8M0028080 . . . . . 57, 59
91 -8M0029055 641
48 -8M0029395 755
48 -8M0029396 755
8M0030272 . . . . . 353, 357, 361
8M0030550 . . . . 318, 321, 326, 327, 329, 331, 333, 336, 339, 343, 347, 461
8M0030551 462
8M0031424 . . . . . 328, 330, 332
22 -8M0031467 494
22 -8M0031539 494
57 -8M0031641 234
8M0032454 . . . . . 398, 408
35 -8M0032639 80
35 -8M0032640 80
10 -8M0032860 . . . . . 57, 59
91 -8M0036608 208
8M0037021 207
10 -8M0038370 . . . . . 57, 59
32 -8M0038468 69
32 -8M0038500 . . . . . 69, 320, 324, 335, 338, 342, 345, 349
32 -8M0038563 69, 320, 324, 335, 338, 342, 345, 349, 352, 356, 360
8M0038928 207
48 -8M0040396 709
48 -8M0040397 709
48 -8M0040398 . . . . . 664, 709
48 -8M0040399 709
48 -8M0040400 709
48 -8M0040401 709
48 -8M0040402 709
48 -8M0040403 709
48 -8M0040404 709
48 -8M0040405 709
48 -8M0040406 709
48 -8M0040407 709
48 -8M0040408 709
48 -8M0040409 709
22 -8M0041173 614
8M0041425 363
8M0041428 363
77 -8M0041671 507
77 -8M0041674 507
77 -8M0041718 507
77 -8M0041733 507
77 -8M0041734 507
77 -8M0041757 507
8M0042130 . . . . . 847, 848
87 -8M0042301 27
12 -8M0042329 848
84 -8M0042976 . . . . . 526, 542, 581
37 -8M0043699 227
37 -8M0043700 227
37 -8M0043701 227
37 -8M0043702 227
37 -8M0043703 227
37 -8M0043705 227
37 -8M0043707 227
8M0044575 230
8M0044576 230
8M0044577 230
22 -8M0045175 . . . . . 125, 126
57 -8M0045227 248
8M0045604 631
1200-8M0045691 320, 324, 327, 329, 331, 332, 335, 338, 342, 345, 349
1200-8M0045692 . . . . . 325, 327, 329, 331, 332
84 -8M0045743 584
57 -8M0045986 248
8M0045990 248
33 -8M0046007 . . . . . 115, 118
37 -8M0046011 226
8M0046250 . . . . . 474, 481
8M0046339 . . . . . 525, 569
12 -8M0046466 867
8M0046481 . . . . . 544, 573
1656-8M0046682 193
1656-8M0046683 194
1656-8M0046733 193
1656-8M0046735 193
1656-8M0046738 193
35 -8M0046751 . . . . . 77, 244
35 -8M0046752 77
1656-8M0046831 193
32 -8M0046914 . . . . . 354, 357, 361
32 -8M0046928 354
32 -8M0046931 . . . . . 357, 361
8M0047148 . . . . . 848, 853
1200-8M0047598 . . . . . 325, 327, 329, 331, 332
1200-8M0047599 66
1200-8M0047603 . . . . . 66, 335, 338
1200-8M0047607 . . . . . 66, 335, 338
84 -8M0047784 578
35 -8M0047848 249
84 -8M0048040 . . . . . 545, 573
84 -8M0048049 . . . . . 545, 573
84 -8M0048054 . . . . . 545, 573
84 -8M0048055 . . . . . 545, 573
84 -8M0048056 . . . . . 545, 573
84 -8M0048057 . . . . . 545, 573
84 -8M0048058 . . . . . 545, 573
48 -8M0049063 747
48 -8M0049064 747

48 -8M0049065 . . . 747
48 -8M0049066 . . . 747
48 -8M0049067 . . . 747
48 -8M0049068 . . . 747
48 -8M0049069 . . . 747
48 -8M0049070 . . . 747
48 -8M0049071 . . . 747
48 -8M0049072 . . . 747
48 -8M0049073 . . . 747
48 -8M0049074 . . . 747
48 -8M0049075 . . . 747
48 -8M0049076 . . . 747
48 -8M0049077 . . . 747
48 -8M0049078 . . . 747
48 -8M0049079 . . . 747
48 -8M0049080 . . . 747
48 -8M0049081 . . . 747
48 -8M0049082 . . . 747
48 -8M0049083 . . . 747
48 -8M0049084 . . . 747
48 -8M0049085 . . . 747
48 -8M0049086 . . . 747
48 -8M0049087 . . . 748
48 -8M0049088 . . . 748
48 -8M0049089 . . . 748
48 -8M0049090 . . . 748
48 -8M0049091 . . . 748
48 -8M0049092 . . . 748
48 -8M0049093 . . . 747
48 -8M0049094 . . . 747
48 -8M0049095 . . . 747
48 -8M0049096 . . . 747
48 -8M0049097 . . . 747
48 -8M0049098 . . . 747
48 -8M0049099 . . . 747
48 -8M0049100 . . . 747
48 -8M0049101 . . . 747
48 -8M0049102 . . . 747
48 -8M0049103 . . . 747
48 -8M0049104 . . . 747
48 -8M0049105 . . . 747
48 -8M0049106 . . . 747
48 -8M0049107 . . . 747
48 -8M0049108 . . . 747
48 -8M0049109 . . . 747
48 -8M0049110 . . . 747
48 -8M0049111 . . . 747
48 -8M0049112 . . . 747
48 -8M0049113 . . . 747
48 -8M0049114 . . . 747
48 -8M0049115 . . . 747
48 -8M0049116 . . . 747
48 -8M0049117 . . . 748
48 -8M0049118 . . . 748
48 -8M0049119 . . . 748
48 -8M0049120 . . . 748
48 -8M0049121 . . . 748
48 -8M0049122 . . . 748
48 -8M0049123 . . . 747
48 -8M0049124 . . . 747
48 -8M0049125 . . . 747
48 -8M0049126 . . . 747
48 -8M0049127 . . . 747
48 -8M0049128 . . . 747
48 -8M0049129 . . . 747
48 -8M0049130 . . . 747
48 -8M0049131 . . . 747
48 -8M0049132 . . . 747
48 -8M0049133 . . . 747
48 -8M0049134 . . . 747
48 -8M0049135 . . . 747
48 -8M0049136 . . . 747
48 -8M0049137 . . . 747
48 -8M0049138 . . . 747
48 -8M0049139 . . . 747
48 -8M0049140 . . . 747
48 -8M0049141 . . . 747
48 -8M0049142 . . . 747, 750
48 -8M0049143 . . . 747
48 -8M0049144 . . . 747
48 -8M0049145 . . . 747
48 -8M0049146 . . . 747
48 -8M0049147 . . . 748
48 -8M0049148 . . . 748
48 -8M0049149 . . . 748
48 -8M0049150 . . . 748
48 -8M0049151 . . . 748
48 -8M0049152 . . . 748
48 -8M0049153 . . . 747
48 -8M0049154 . . . 747
48 -8M0049155 . . . 747
48 -8M0049156 . . . 747
48 -8M0049157 . . . 747
48 -8M0049158 . . . 747
48 -8M0049159 . . . 747
48 -8M0049160 . . . 747
48 -8M0049161 . . . 747
48 -8M0049162 . . . 747
48 -8M0049163 . . . 747
48 -8M0049164 . . . 747
48 -8M0049165 . . . 747
48 -8M0049166 . . . 747
48 -8M0049167 . . . 747
48 -8M0049168 . . . 747
48 -8M0049169 . . . 747
48 -8M0049170 . . . 747
48 -8M0049171 . . . 747
48 -8M0049172 . . . 747
48 -8M0049173 . . . 747
48 -8M0049174 . . . 747
48 -8M0049175 . . . 747
48 -8M0049176 . . . 747
48 -8M0049177 . . . 748
48 -8M0049178 . . . 748

48 -8M0049179 . . . 748
48 -8M0049180 . . . 748
48 -8M0049181 . . . 748
48 -8M0049182 . . . 748
48 -8M0049183 . . . 747
48 -8M0049184 . . . 747
48 -8M0049185 . . . 747
48 -8M0049186 . . . 747
48 -8M0049187 . . . 747
48 -8M0049188 . . . 747
48 -8M0049189 . . . 747
48 -8M0049190 . . . 747
48 -8M0049191 . . . 747
48 -8M0049192 . . . 747
48 -8M0049193 . . . 747
48 -8M0049194 . . . 747
48 -8M0049195 . . . 747
48 -8M0049196 . . . 747
48 -8M0049197 . . . 747
48 -8M0049198 . . . 747
48 -8M0049199 . . . 747
48 -8M0049200 . . . 747
48 -8M0049201 . . . 747
48 -8M0049202 . . . 747
48 -8M0049203 . . . 747
48 -8M0049204 . . . 747
48 -8M0049205 . . . 747
48 -8M0049206 . . . 747
48 -8M0049207 . . . 748
48 -8M0049208 . . . 748
48 -8M0049209 . . . 748
48 -8M0049210 . . . 748
48 -8M0049211 . . . 748
48 -8M0049212 . . . 748
48 -8M0049213 . . . 747
48 -8M0049214 . . . 747
48 -8M0049215 . . . 747
48 -8M0049216 . . . 747
48 -8M0049217 . . . 747
48 -8M0049218 . . . 747
48 -8M0049219 . . . 747
48 -8M0049220 . . . 747
48 -8M0049221 . . . 747
48 -8M0049222 . . . 747
48 -8M0049223 . . . 747
48 -8M0049224 . . . 747
48 -8M0049225 . . . 747
48 -8M0049226 . . . 747
48 -8M0049227 . . . 747
48 -8M0049228 . . . 747
48 -8M0049229 . . . 747
48 -8M0049230 . . . 747
48 -8M0049231 . . . 747
48 -8M0049232 . . . 747
48 -8M0049233 . . . 747
48 -8M0049234 . . . 747
48 -8M0049235 . . . 747
48 -8M0049236 . . . 747
48 -8M0049237 . . . 748
48 -8M0049238 . . . 748
48 -8M0049239 . . . 748
48 -8M0049240 . . . 748
48 -8M0049241 . . . 748
48 -8M0049242 . . . 748
48 -8M0049243 . . . 747
48 -8M0049244 . . . 747
48 -8M0049245 . . . 747
48 -8M0049246 . . . 747
48 -8M0049247 . . . 747
48 -8M0049248 . . . 747
48 -8M0049249 . . . 747
48 -8M0049250 . . . 747
48 -8M0049251 . . . 747
48 -8M0049252 . . . 747
48 -8M0049253 . . . 747
48 -8M0049254 . . . 747
48 -8M0049255 . . . 747
48 -8M0049256 . . . 747
48 -8M0049257 . . . 747
48 -8M0049258 . . . 747
48 -8M0049259 . . . 747
48 -8M0049260 . . . 747
48 -8M0049261 . . . 747
48 -8M0049262 . . . 747
48 -8M0049263 . . . 747
48 -8M0049264 . . . 747
48 -8M0049265 . . . 747
48 -8M0049266 . . . 747
48 -8M0049267 . . . 748
48 -8M0049268 . . . 748
48 -8M0049269 . . . 748
48 -8M0049270 . . . 748
48 -8M0049271 . . . 748
48 -8M0049272 . . . 748
48 -8M0049273 . . . 747
48 -8M0049274 . . . 747
48 -8M0049275 . . . 747
48 -8M0049276 . . . 747
48 -8M0049277 . . . 747
48 -8M0049278 . . . 747
48 -8M0049279 . . . 747
48 -8M0049280 . . . 747
48 -8M0049281 . . . 747
48 -8M0049282 . . . 747
48 -8M0049283 . . . 747
48 -8M0049284 . . . 747
48 -8M0049285 . . . 747
48 -8M0049286 . . . 747
48 -8M0049287 . . . 747
48 -8M0049288 . . . 747
48 -8M0049289 . . . 747
48 -8M0049290 . . . 747
48 -8M0049291 . . . 747
48 -8M0049292 . . . 747

48 -8M0049293 . . . 747
48 -8M0049294 . . . 747
48 -8M0049295 . . . 747
48 -8M0049296 . . . 747
48 -8M0049297 . . . 748
48 -8M0049298 . . . 748
48 -8M0049299 . . . 748
48 -8M0049300 . . . 748
48 -8M0049301 . . . 748
48 -8M0049302 . . . 748
48 -8M0049303 . . . 747
48 -8M0049304 . . . 747
48 -8M0049305 . . . 747
48 -8M0049306 . . . 747
48 -8M0049307 . . . 747
48 -8M0049308 . . . 747
48 -8M0049309 . . . 747
48 -8M0049310 . . . 747
48 -8M0049311 . . . 747
48 -8M0049312 . . . 747
48 -8M0049313 . . . 747
48 -8M0049314 . . . 747
48 -8M0049315 . . . 747
48 -8M0049316 . . . 747
48 -8M0049317 . . . 747
48 -8M0049318 . . . 747
48 -8M0049319 . . . 747
48 -8M0049320 . . . 747
48 -8M0049321 . . . 747
48 -8M0049322 . . . 747
48 -8M0049323 . . . 747
48 -8M0049324 . . . 747
48 -8M0049325 . . . 748
48 -8M0049326 . . . 748
48 -8M0049327 . . . 748
48 -8M0049328 . . . 748
48 -8M0049329 . . . 748
48 -8M0049330 . . . 748
48 -8M0049331 . . . 748
48 -8M0049332 . . . 748
48 -8M0049333 . . . 754
48 -8M0049334 . . . 754
48 -8M0049335 . . . 754
48 -8M0049336 . . . 754
48 -8M0049337 . . . 754
48 -8M0049338 . . . 754
48 -8M0049339 . . . 754
48 -8M0049340 . . . 754
48 -8M0049341 . . . 754
48 -8M0049342 . . . 754
48 -8M0049343 . . . 754
48 -8M0049344 . . . 754
48 -8M0049345 . . . 754
48 -8M0049346 . . . 754
48 -8M0049347 . . . 754
48 -8M0049348 . . . 754
48 -8M0049349 . . . 754
48 -8M0049350 . . . 754
48 -8M0049351 . . . 754
48 -8M0049352 . . . 754
48 -8M0049353 . . . 755
48 -8M0049354 . . . 755
48 -8M0049355 . . . 754
48 -8M0049356 . . . 754
48 -8M0049357 . . . 754
48 -8M0049358 . . . 754
48 -8M0049359 . . . 754
48 -8M0049360 . . . 754
48 -8M0049361 . . . 754
48 -8M0049362 . . . 754
48 -8M0049363 . . . 754
48 -8M0049364 . . . 754
48 -8M0049365 . . . 754
48 -8M0049366 . . . 754
48 -8M0049367 . . . 754
48 -8M0049368 . . . 754
48 -8M0049369 . . . 754
48 -8M0049370 . . . 754
48 -8M0049371 . . . 754
48 -8M0049372 . . . 754
48 -8M0049373 . . . 754
48 -8M0049374 . . . 754
48 -8M0049375 . . . 755
48 -8M0049376 . . . 755
48 -8M0049377 . . . 754
48 -8M0049378 . . . 754
48 -8M0049379 . . . 754
48 -8M0049380 . . . 754
48 -8M0049381 . . . 754
48 -8M0049382 . . . 754
48 -8M0049383 . . . 754
48 -8M0049384 . . . 754
48 -8M0049385 . . . 754
48 -8M0049386 . . . 754
48 -8M0049387 . . . 754
48 -8M0049388 . . . 754
48 -8M0049389 . . . 754
48 -8M0049390 . . . 754
48 -8M0049391 . . . 754
48 -8M0049392 . . . 754
48 -8M0049393 . . . 754
48 -8M0049394 . . . 754
48 -8M0049395 . . . 754
48 -8M0049396 . . . 754
48 -8M0049397 . . . 755
48 -8M0049398 . . . 755
48 -8M0049399 . . . 754
48 -8M0049400 . . . 754
48 -8M0049401 . . . 754
48 -8M0049402 . . . 754
48 -8M0049403 . . . 754
48 -8M0049404 . . . 754
48 -8M0049405 . . . 754
48 -8M0049406 . . . 754

48 -8M0049407 . . . 754
48 -8M0049408 . . . 754
48 -8M0049409 . . . 754
48 -8M0049410 . . . 754
48 -8M0049411 . . . 754
48 -8M0049412 . . . 754
48 -8M0049413 . . . 754
48 -8M0049414 . . . 754
48 -8M0049415 . . . 754
48 -8M0049416 . . . 754
48 -8M0049417 . . . 754
48 -8M0049418 . . . 754
48 -8M0049419 . . . 755
48 -8M0049420 . . . 755
48 -8M0049421 . . . 754
48 -8M0049422 . . . 754
48 -8M0049423 . . . 754
48 -8M0049424 . . . 754
48 -8M0049425 . . . 754
48 -8M0049426 . . . 754
48 -8M0049427 . . . 754
48 -8M0049428 . . . 754
48 -8M0049429 . . . 754
48 -8M0049430 . . . 754
48 -8M0049431 . . . 754
48 -8M0049432 . . . 754
48 -8M0049433 . . . 754
48 -8M0049434 . . . 754
48 -8M0049435 . . . 754
48 -8M0049436 . . . 754
48 -8M0049437 . . . 754
48 -8M0049438 . . . 754
48 -8M0049439 . . . 754
48 -8M0049440 . . . 754
48 -8M0049441 . . . 755
48 -8M0049442 . . . 755
48 -8M0049443 . . . 754
48 -8M0049444 . . . 754
48 -8M0049445 . . . 754
48 -8M0049446 . . . 754
48 -8M0049447 . . . 754
48 -8M0049448 . . . 754
48 -8M0049449 . . . 754
48 -8M0049450 . . . 754
48 -8M0049451 . . . 754
48 -8M0049452 . . . 754
48 -8M0049453 . . . 754
48 -8M0049454 . . . 754
48 -8M0049455 . . . 754
48 -8M0049456 . . . 754
48 -8M0049457 . . . 754
48 -8M0049458 . . . 754
48 -8M0049459 . . . 754
48 -8M0049460 . . . 754
48 -8M0049461 . . . 754
48 -8M0049462 . . . 754
48 -8M0049463 . . . 755
48 -8M0049464 . . . 755
48 -8M0049465 . . . 754
48 -8M0049466 . . . 754
48 -8M0049467 . . . 754
48 -8M0049468 . . . 754
48 -8M0049469 . . . 754
48 -8M0049470 . . . 754
48 -8M0049471 . . . 754
48 -8M0049472 . . . 754
48 -8M0049473 . . . 754
48 -8M0049474 . . . 754
48 -8M0049475 . . . 754
48 -8M0049476 . . . 754
48 -8M0049477 . . . 754
48 -8M0049478 . . . 754
48 -8M0049479 . . . 754
48 -8M0049480 . . . 754
48 -8M0049481 . . . 754
48 -8M0049482 . . . 754
48 -8M0049483 . . . 754
48 -8M0049484 . . . 754
48 -8M0049485 . . . 755
48 -8M0049486 . . . 755
48 -8M0049487 . . . 754
48 -8M0049488 . . . 754
48 -8M0049489 . . . 754
48 -8M0049490 . . . 754
48 -8M0049491 . . . 754
48 -8M0049492 . . . 754
48 -8M0049493 . . . 754
48 -8M0049494 . . . 754
48 -8M0049495 . . . 754
48 -8M0049496 . . . 754
48 -8M0049497 . . . 754
48 -8M0049498 . . . 754
48 -8M0049499 . . . 754
48 -8M0049500 . . . 754
48 -8M0049501 . . . 754
48 -8M0049502 . . . 754
48 -8M0049503 . . . 754
48 -8M0049504 . . . 754
48 -8M0049505 . . . 754
48 -8M0049506 . . . 754
48 -8M0049507 . . . 755
48 -8M0049508 . . . 755
48 -8M0049509 . . . 754
48 -8M0049510 . . . 754
48 -8M0049511 . . . 754
48 -8M0049512 . . . 754
48 -8M0049513 . . . 754
48 -8M0049514 . . . 754
48 -8M0049515 . . . 754
48 -8M0049516 . . . 754
48 -8M0049517 . . . 754
48 -8M0049518 . . . 754
48 -8M0049519 . . . 754
48 -8M0049520 . . . 754

48 -8M0049521 . . . 754
48 -8M0049522 . . . 754
48 -8M0049523 . . . 754
48 -8M0049524 . . . 754
48 -8M0049525 . . . 754
48 -8M0049526 . . . 754
48 -8M0049527 . . . 755
48 -8M0049528 . . . 755
48 -8M0049529 . . . 755
48 -8M0049530 . . . 755
48 -8M0049531 . . . 758
48 -8M0049532 . . . 758
48 -8M0049533 . . . 758
48 -8M0049534 . . . 758
48 -8M0049535 . . . 758
48 -8M0049536 . . . 758
48 -8M0049537 . . . 758
48 -8M0049538 . . . 758
48 -8M0049539 . . . 758
48 -8M0049540 . . . 758
48 -8M0049541 . . . 758
48 -8M0049542 . . . 758
48 -8M0049543 . . . 758
48 -8M0049544 . . . 758
48 -8M0049545 . . . 758
48 -8M0049546 . . . 758
48 -8M0049547 . . . 758
48 -8M0049548 . . . 758
48 -8M0049549 . . . 759
48 -8M0049550 . . . 759
48 -8M0049551 . . . 759
48 -8M0049552 . . . 759
48 -8M0049553 . . . 758
48 -8M0049554 . . . 758
48 -8M0049555 . . . 758
48 -8M0049556 . . . 758
48 -8M0049557 . . . 758
48 -8M0049558 . . . 758
48 -8M0049559 . . . 758
48 -8M0049560 . . . 758
48 -8M0049561 . . . 758
48 -8M0049562 . . . 758
48 -8M0049563 . . . 758
48 -8M0049564 . . . 758
48 -8M0049565 . . . 758
48 -8M0049566 . . . 758
48 -8M0049567 . . . 758
48 -8M0049568 . . . 758
48 -8M0049569 . . . 758
48 -8M0049570 . . . 758
48 -8M0049571 . . . 759
48 -8M0049572 . . . 759
48 -8M0049573 . . . 759
48 -8M0049574 . . . 759
48 -8M0049575 . . . 758
48 -8M0049576 . . . 758
48 -8M0049577 . . . 758
48 -8M0049578 . . . 758
48 -8M0049579 . . . 758
48 -8M0049580 . . . 758
48 -8M0049581 . . . 758
48 -8M0049582 . . . 758
48 -8M0049583 . . . 758
48 -8M0049584 . . . 758
48 -8M0049585 . . . 758
48 -8M0049586 . . . 758
48 -8M0049587 . . . 758
48 -8M0049588 . . . 758
48 -8M0049589 . . . 758
48 -8M0049590 . . . 758
48 -8M0049591 . . . 758
48 -8M0049592 . . . 758
48 -8M0049593 . . . 759
48 -8M0049594 . . . 759
48 -8M0049595 . . . 759
48 -8M0049596 . . . 759
48 -8M0049597 . . . 758
48 -8M0049598 . . . 758
48 -8M0049599 . . . 758
48 -8M0049600 . . . 758
48 -8M0049601 . . . 758
48 -8M0049602 . . . 758
48 -8M0049603 . . . 758
48 -8M0049604 . . . 758
48 -8M0049605 . . . 758
48 -8M0049606 . . . 758
48 -8M0049607 . . . 758
48 -8M0049608 . . . 758
48 -8M0049609 . . . 758
48 -8M0049610 . . . 758
48 -8M0049611 . . . 758
48 -8M0049612 . . . 758
48 -8M0049613 . . . 758
48 -8M0049614 . . . 758
48 -8M0049615 . . . 759
48 -8M0049616 . . . 759
48 -8M0049617 . . . 759
48 -8M0049618 . . . 759
48 -8M0049619 . . . 758
48 -8M0049620 . . . 758
48 -8M0049621 . . . 758
48 -8M0049622 . . . 758
48 -8M0049623 . . . 758
48 -8M0049624 . . . 758
48 -8M0049625 . . . 758
48 -8M0049626 . . . 758
48 -8M0049627 . . . 758
48 -8M0049628 . . . 758
48 -8M0049629 . . . 758
48 -8M0049630 . . . 758
48 -8M0049631 . . . 758
48 -8M0049632 . . . 758
48 -8M0049633 . . . 758
48 -8M0049634 . . . 758

48 -8M0049635 . . . 758
48 -8M0049636 . . . 758
48 -8M0049637 . . . 759
48 -8M0049638 . . . 759
48 -8M0049639 . . . 759
48 -8M0049640 . . . 759
48 -8M0049641 . . . 758
48 -8M0049642 . . . 758
48 -8M0049643 . . . 758
48 -8M0049644 . . . 758
48 -8M0049645 . . . 758
48 -8M0049646 . . . 758
48 -8M0049647 . . . 758
48 -8M0049648 . . . 758
48 -8M0049649 . . . 758
48 -8M0049650 . . . 758
48 -8M0049651 . . . 758
48 -8M0049652 . . . 758
48 -8M0049653 . . . 758
48 -8M0049654 . . . 758
48 -8M0049655 . . . 758
48 -8M0049656 . . . 758
48 -8M0049657 . . . 759
48 -8M0049658 . . . 759
48 -8M0049659 . . . 759
48 -8M0049660 . . . 759
48 -8M0049661 . . . 759
48 -8M0049662 . . . 759
48 -8M0049663 . . . 758
48 -8M0049664 . . . 758
48 -8M0049665 . . . 758
48 -8M0049666 . . . 758
48 -8M0049667 . . . 758
48 -8M0049668 . . . 758
48 -8M0049669 . . . 758
48 -8M0049670 . . . 758
48 -8M0049671 . . . 758
48 -8M0049672 . . . 758
48 -8M0049673 . . . 758
48 -8M0049674 . . . 758
48 -8M0049675 . . . 758
48 -8M0049676 . . . 758
48 -8M0049677 . . . 758
48 -8M0049678 . . . 758
48 -8M0049679 . . . 759
48 -8M0049680 . . . 759
48 -8M0049681 . . . 759
48 -8M0049682 . . . 759
48 -8M0049683 . . . 759
48 -8M0049684 . . . 759
48 -8M0049685 . . . 758
48 -8M0049686 . . . 758
48 -8M0049687 . . . 758
48 -8M0049688 . . . 758
48 -8M0049689 . . . 758
48 -8M0049690 . . . 758
48 -8M0049691 . . . 758
48 -8M0049692 . . . 758
48 -8M0049693 . . . 758
48 -8M0049694 . . . 758
48 -8M0049695 . . . 758
48 -8M0049696 . . . 758
48 -8M0049697 . . . 758
48 -8M0049698 . . . 758
48 -8M0049699 . . . 758
48 -8M0049700 . . . 758
48 -8M0049701 . . . 759
48 -8M0049702 . . . 759
48 -8M0049703 . . . 759
48 -8M0049704 . . . 759
48 -8M0049705 . . . 759
48 -8M0049706 . . . 759
48 -8M0049707 . . . 758
48 -8M0049708 . . . 758
48 -8M0049709 . . . 758
48 -8M0049710 . . . 758
48 -8M0049711 . . . 758
48 -8M0049712 . . . 758
48 -8M0049713 . . . 758
48 -8M0049714 . . . 758
48 -8M0049715 . . . 758
48 -8M0049716 . . . 758
48 -8M0049717 . . . 758
48 -8M0049718 . . . 758
48 -8M0049719 . . . 758
48 -8M0049720 . . . 758
48 -8M0049721 . . . 758
48 -8M0049722 . . . 758
48 -8M0049723 . . . 759
48 -8M0049724 . . . 759
48 -8M0049725 . . . 759
48 -8M0049726 . . . 759
48 -8M0049727 . . . 759
48 -8M0049728 . . . 759
8M0049841 . . . 155
8M0049970 . . . 131
91 -8M0050053 . . . 302
8M0050097 . . . 325, 350, 353, 611
8M0050098 . . . 320, 343, 346, 610
8M0050099 . . . 320, 343, 346, 610
8M0050396 . . . 196
79 -8M0050399 319, 321, 325, 326, 328, 330, 334, 337, 347, 364, 453
35 -8M0050833 . . . 198, 205
8M0051061 . . . 39, 43, 44
8M0051062 . . . 40, 43, 44
32 -8M0051174 . . . 143, 148, 154
32 -8M0051175 . . . 143, 148, 154
32 -8M0051176 . . . 143, 148, 154
8M0051178 . . . 150, 155
8M0051209 . . . 205
8M0051522 . . . 196
8M0052100 . . . 90, 315
97 -8M0052656 . . . 226
8M0052735 . . . 156

8M0052737 . . . 157
8M0052739 . . . 156
8M0052742 . . . 157
84 -8M0052774 . . . 526, 542
79 -8M0052842 . . . 394
79 -8M0052843 . . . 394
79 -8M0052844 . . . 395
79 -8M0052845 . . . 395
79 -8M0052846 . . . 395
79 -8M0052847 . . . 395
79 -8M0052848 . . . 395
79 -8M0052849 . . . 396
79 -8M0052850 . . . 396
79 -8M0052851 . . . 396
79 -8M0052852 . . . 396
79 -8M0052853 . . . 399
79 -8M0052854 . . . 399
79 -8M0052856 . . . 401
79 -8M0052857 . . . 401
79 -8M0052863 . . . 392
79 -8M0052864 . . . 392
79 -8M0052865 . . . 393
79 -8M0052866 . . . 393
79 -8M0052867 . . . 393
79 -8M0052868 . . . 393
79 -8M0052869 . . . 393
79 -8M0052870 . . . 394
79 -8M0052871 . . . 394
79 -8M0052872 . . . 394
79 -8M0052873 . . . 394
79 -8M0052874 . . . 398
79 -8M0052875 . . . 399
79 -8M0052877 . . . 401
79 -8M0052878 . . . 401
8M0052921 . . . 88
8M0052924 . . . 88, 357, 872
8M0052976 . . . 70
8M0053074 . . . 859
84 -8M0053250 . . . 574
32 -8M0053474 . . . 320, 325, 343, 346, 350, 353, 612, 626
32 -8M0053475 . . . 612
32 -8M0053476 . . . 612
32 -8M0053477 . . . 612
32 -8M0053478 . . . 612
32 -8M0053479 . . . 612
32 -8M0053480 . . . 612
32 -8M0053481 . . . 612
32 -8M0053482 . . . 613
32 -8M0053483 . . . 613, 626
32 -8M0053484 . . . 613, 626
32 -8M0053485 . . . 613, 626
32 -8M0053486 . . . 613, 626
32 -8M0053487 . . . 613, 626
32 -8M0053488 . . . 613, 626
32 -8M0053489 . . . 613, 626
32 -8M0053490 . . . 613
32 -8M0053491 . . . 613
32 -8M0053492 . . . 613
900 -8M0053744 . . . 196
8M0054004 . . . 155
8M0054006 . . . 155
67 -8M0054121 . . . 572
67 -8M0054122 . . . 572
67 -8M0054123 . . . 572
84 -8M0054183 . . . 574
84 -8M0054185 . . . 574
84 -8M0054186 . . . 574
84 -8M0054187 . . . 574
86 -8M0054244 . . . 524, 568
8M0054313 . . . 69, 320, 324, 335, 338
8M0054314 . . . 69, 320, 324, 335, 338
8M0054315 . . . 69
8M0054316 . . . 69
32 -8M0054324 . . . 67
32 -8M0054325 . . . 67
32 -8M0054326 . . . 319, 324
32 -8M0054328 . . . 67
32 -8M0054329 . . . 67
32 -8M0054330 . . . 67
32 -8M0054331 . . . 319, 324
32 -8M0054332 . . . 68
79 -8M0054360 . . . 396
79 -8M0054374 . . . 394
1200 -8M0054600 . . . 320, 324, 327, 329, 331, 332, 335, 338, 342, 345, 349
48 -8M0054727 . . . 758
48 -8M0054728 . . . 758
8M0054769 . . . 847, 869
8M0054993 . . . 320, 343, 346
8M0054999 . . . 30
8M0055000 . . . 30
8M0055001 . . . 26, 28–30
8M0055002 . . . 28
8M0055003 . . . 26, 28
8M0055008 . . . 26, 28–30
22 -8M0055326 . . . 614
48 -8M0055531 . . . 776, 780, 785, 788, 793–795, 799–802, 806, 812
48 -8M0055533 . . . 776, 780, 785, 788, 793–795, 799–802, 806, 812
48 -8M0055534 . . . 776, 780, 785, 788, 793–796, 799–802, 806, 812
48 -8M0055535 . . . 776, 780, 785, 788, 793–796, 799–802, 806, 812
48 -8M0055536 . . . 776, 780, 785, 788, 793–796, 799–802, 806, 812
48 -8M0055537 . . . 776, 780, 785, 788, 793–796, 799–802, 806, 812
48 -8M0055547 . . . 710, 778, 784
48 -8M0055548 . . . 689, 710, 778, 784
48 -8M0055549 . . . 689, 710, 778, 784
48 -8M0055550 . . . 689, 710, 778, 784
48 -8M0055551 . . . 689, 710, 778, 784
48 -8M0055559 . . . 778, 780, 784, 787, 790, 793, 807, 812
48 -8M0055560 . . . 778, 780, 784, 787, 790, 793, 807, 812
48 -8M0055561 . . . 778, 780, 784, 787, 790, 793, 807, 812
48 -8M0055562 . . . 778, 780, 784, 787, 791, 793, 807, 812
48 -8M0055563 . . . 778, 780, 784, 787, 791, 793, 807, 812
8M0055652 . . . 524, 568
8M0056139 . . . 325, 350, 353, 611
8M0056140 . . . 325, 350, 353, 611

8M0056141 611
8M0056142 611
8M0056143 612
8M0056144 612
8M0056145 . . . . . 325, 350, 353, 611
1200 -8M0056211 67
11 -8M0056234 860
11 -8M0056235 860
8M0056275 411
8M0056277 321
8M0056278 . . . . . 411, 538
8M0056279 321
8M0056547 77
8M0056548 . . . . . 21, 24
8M0056549 . . . . . 23, 24
8M0056619 610
32 -8M0056640 68
8M0056956 . . . . . 249, 250
8M0056987 570
8M0056988 570
84 -8M0056993 571
8M0056994 570
8M0057047 . . . . . 61, 326
1200 -8M0057254 . . . . . 66, 335, 338
1200 -8M0057256 . . . . . 335, 338
8M0057307 234
8M0057383 350
8M0057574 . . . . . 145, 148
8M0057575 . . . . . 145, 148
8M0057576 . . . . . 145, 148
8M0057577 . . . . . 162, 368
97 -8M0057772 . . . . . 99, 103, 234
22 -8M0058389 304
22 -8M0058419 . . . . . 71, 172
8M0058449 198
84 -8M0058668 . . . . . 331, 333, 336, 339, 343, 347, 465, 544
33 -8M0058933 9
33 -8M0058935 9
33 -8M0058936 8
8M0058944 598
48 -8M0059068 755
48 -8M0059069 755
48 -8M0059070 755
48 -8M0059071 755
78 -8M0059248 157
78 -8M0059257 156
78 -8M0059259 157
78 -8M0059270 155
78 -8M0059272 156
78 -8M0059274 156
97 -8M0059338 95
97 -8M0059339 95
97 -8M0059341 183
97 -8M0059342 183
97 -8M0059344 96
78 -8M0059346 155
78 -8M0059348 155
78 -8M0059350 155
78 -8M0059352 155
78 -8M0059354 155
78 -8M0059356 156
78 -8M0059358 156
78 -8M0059360 157
78 -8M0059363 156
78 -8M0059364 157
78 -8M0059366 156
78 -8M0059368 156
8M0059429 571
8M0059430 571
84 -8M0059434 571
84 -8M0059435 571
8M0059438 571
8M0059439 571
8M0059529 . . . . . 348, 450, 523
8M0059531 . . . . . 349, 447
8M0059532 . . . . . 350, 579
8M0059686 318, 321, 326, 327, 329, 331, 333, 336, 339, 343, 347
8M0060147 . . . . . 89, 346, 350, 872
84 -8M0060271 . . . . . 94, 587
83 -8M0060278 24
84 -8M0060420 . . . . . 529, 531, 550
84 -8M0060421 530
8M0060782 . . . . . 326, 327, 329, 331, 333, 363
8M0060783 363
32 -8M0061293 68
8M0061334 463
8M0061335 . . . . . 246, 247
8M0061384 210
8M0061875 . . . . . 320, 324, 325, 327, 329, 331, 333, 335, 338
8M0061876 . . . 69, 320, 324, 325, 327, 329, 331, 333, 335, 338
32 -8M0061887 . . . . . 319, 324
32 -8M0061892 68
32 -8M0061895 68
32 -8M0061896 . . . . . 319, 324
32 -8M0061897 68
32 -8M0061899 . . . . . 68, 319, 324
8M0061986 854
8M0062051 . . . . . 144, 146, 148
8M0062052 . . . . . 144, 146–148
8M0062053 . . . . . 144, 146, 147
8M0062054 147
48 -8M0062239 765
48 -8M0062240 765
8M0062241 . . . . . 325, 471
8M0062406 248
48 -8M0062421 765
8M0062583 473
32 -8M0062693 . . . . . 48, 49, 350, 473
48 -8M0063206 752
98 -8M0063432 124
64 -8M0063473 . . . . . 325, 350, 354, 607
64 -8M0063474 607
64 -8M0063475 607
64 -8M0063476 607

64 -8M0063477 607
32 -8M0063663 348
48 -8M0063951 720
48 -8M0063952 720
54 -8M0064023 590
54 -8M0064024 590
67 -8M0064433 350
48 -8M0064449 709
48 -8M0064450 . . . . . 725, 741
48 -8M0064468 . . . . . 725, 742
48 -8M0064469 . . . . . 725, 742
48 -8M0064470 . . . . . 725, 742
48 -8M0064471 . . . . . 724, 742
48 -8M0064472 . . . . . 724, 742
48 -8M0064473 . . . . . 724, 742
48 -8M0064475 . . . . . 724, 742
48 -8M0064476 . . . . . 724, 742
48 -8M0064477 . . . . . 724, 742
48 -8M0064647 765
8M0064759 155
8M0064760 155
91 -8M0064794 208
48 -8M0064815 765
48 -8M0064816 765
23 -8M0064826 . . . . . 847, 869
8M0065285 . . . . . 244, 245
48 -8M0065293 752
48 -8M0065294 752
48 -8M0065295 752
48 -8M0065296 752
48 -8M0065413 752
79 -8M0065962 396
79 -8M0065963 397
79 -8M0065970 397
79 -8M0065971 397
79 -8M0065972 397
79 -8M0065974 397
79 -8M0065975 397
79 -8M0065976 397
79 -8M0065977 397
79 -8M0065978 398
79 -8M0065980 399
79 -8M0065981 400
79 -8M0065983 402
79 -8M0065985 402
35 -8M0066483 . . . . . 249, 250, 294
84 -8M0066846 507
8M0066847 507
8M0066848 507
35 -8M0067337 . . . . . 174, 249
35 -8M0067597 249
8M0068784 . . . . . 448, 449
8M0068785 . . . . . 436, 440, 443, 445, 449
79 -8M0069412 393
79 -8M0069415 393
79 -8M0069416 393
79 -8M0069418 398
79 -8M0069419 399
79 -8M0069426 395
79 -8M0069427 395
79 -8M0069429 395
79 -8M0069431 401
79 -8M0069433 399
79 -8M0069437 401
79 -8M0069460 400
79 -8M0069461 400
8M0069693 . . . . . 35, 37
48 -8M0070051 710
48 -8M0070052 710
84 -8M0070053 510
84 -8M0070055 510
84 -8M0070056 510
84 -8M0070058 510
84 -8M0070060 . . . . . 510, 511
84 -8M0070062 510
84 -8M0070063 . . . . . 510, 511
84 -8M0070064 510
84 -8M0070066 511
84 -8M0070068 511
84 -8M0070069 511
84 -8M0070070 511
84 -8M0070071 . . . . . 511, 512
84 -8M0070072 511
48 -8M0070074 . . . . . 709, 785
48 -8M0070076 709
48 -8M0070077 709
48 -8M0070079 . . . . . 709, 785
8M0070410 226
8M0070435 510
48 -8M0071088 . . . . . 725, 741
48 -8M0071089 . . . . . 725, 742
48 -8M0071090 . . . . . 725, 742
48 -8M0071091 . . . . . 725, 742
48 -8M0071092 . . . . . 724, 742
48 -8M0071093 . . . . . 724, 742
48 -8M0071094 . . . . . 724, 742
48 -8M0071095 . . . . . 724, 742
48 -8M0071096 . . . . . 724, 742
48 -8M0071097 . . . . . 724, 742
84 -8M0071357 513
8M0071420 514
8M0071493 513
8M0071494 513
8M0071505 490
98 -8M0071598 529
10 -8M0071653 356
8M0071875 155
8M0071877 155
8M0071878 156
8M0071880 156
8M0071881 157
8M0071884 156
8M0071885 156
8M0071886 157

8M0071888 . . . 156
8M0071889 . . . 156
8M0071890 . . . 156
48 -8M0071911 . . . 752
91 -8M0072133 . . . 304
84 -8M0072192 . . . 553
8M0072341 . . . 574
8M0072599 . . . 510
8M0072610 . . . 32
8M0072744 . . . 219
8M0072745 . . . 219
1689-8M0072952 . . . 112
1689-8M0072953 . . . 112
8M0073037 . . . 601
48 -8M0073456 . . . 729, 743
48 -8M0073457 . . . 728, 743
48 -8M0073458 . . . 734, 745
48 -8M0073459 . . . 734, 745
8M0073922 . . . 612
8M0073923 . . . 612
8M0073924 . . . 612
8M0073925 . . . 612
8M0073927 . . . 612
8M0073928 . . . 612
84 -8M0074825 . . . 553
48 -8M0074865 . . . 666, 719
48 -8M0074866 . . . 666, 719
48 -8M0074867 . . . 666, 719
48 -8M0074868 . . . 666, 719
48 -8M0074869 . . . 666, 719
48 -8M0074870 . . . 666, 719
48 -8M0074871 . . . 666, 719
48 -8M0074872 . . . 666, 719
98 -8M0075237 . . . 463
8M0075244 . . . 331, 333, 463
8M0075245 . . . 318, 321, 331, 333, 336, 339, 343, 347, 463
8M0075246 . . . 463
8M0075402 . . . 847, 853
77 -8M0075767 . . . 514
77 -8M0075769 . . . 514
77 -8M0075773 . . . 514
77 -8M0075786 . . . 514
77 -8M0075787 . . . 514
77 -8M0075794 . . . 514
77 -8M0075795 . . . 514
77 -8M0075809 . . . 514
77 -8M0075824 . . . 512
77 -8M0075826 . . . 512
77 -8M0075829 . . . 512
77 -8M0075831 . . . 512
77 -8M0075833 . . . 512
77 -8M0075835 . . . 512
77 -8M0075836 . . . 512
77 -8M0075842 . . . 512
77 -8M0075843 . . . 512
48 -8M0075896 . . . 752
48 -8M0075897 . . . 752
84 -8M0075945 . . . 530
48 -8M0076180 . . . 765
48 -8M0076181 . . . 765
48 -8M0076406 . . . 765
48 -8M0076407 . . . 765
8M0076435 . . . 639
8M0076464 . . . 248
32 -8M0077079 . . . 492
32 -8M0077080 . . . 492
32 -8M0077081 . . . 492
32 -8M0077082 . . . 492, 493, 602, 606
32 -8M0077083 . . . 492, 493, 606
32 -8M0077084 . . . 492, 493, 602, 606
84 -8M0077124 . . . 529
84 -8M0077125 . . . 529
8M0077126 . . . 491
8M0077129 . . . 491
8M0077130 . . . 491
8M0077133 . . . 491
8M0077134 . . . 491
8M0077135 . . . 491
8M0077136 . . . 491
8M0077137 . . . 491
8M0077138 . . . 491
8M0077139 . . . 491
8M0077699 . . . 610
8M0077701 . . . 610
87 -8M0077850 . . . 561
77 -8M0078044 . . . 512
77 -8M0078045 . . . 512
48 -8M0078088 . . . 843
48 -8M0078089 . . . 843
48 -8M0078090 . . . 843
48 -8M0078091 . . . 843
8M0078858 . . . 235, 236
98 -8M0078873 . . . 506
98 -8M0078876 . . . 506
98 -8M0078883 . . . 506
8M0078892 . . . 576
8M0079198 . . . 120
48 -8M0079236 . . . 720
48 -8M0079237 . . . 720
8M0079290 . . . 457
8M0079291 . . . 457
8M0079348 . . . 386
8M0079499 . . . 351, 354, 358
48 -8M0079504 . . . 709
48 -8M0079692 . . . 722, 740
48 -8M0079693 . . . 722, 740
48 -8M0079694 . . . 722, 740
48 -8M0079695 . . . 722, 740
48 -8M0079696 . . . 722, 741
48 -8M0079698 . . . 722, 740
48 -8M0079699 . . . 722, 740
48 -8M0079700 . . . 722, 740
48 -8M0079701 . . . 722, 740
48 -8M0079702 . . . 722, 740

48 -8M0079703 . . . . . 722, 740
48 -8M0079704 . . . . . 722, 740
48 -8M0079705 . . . . . 722, 740
48 -8M0079706 . . . . . 722, 741
48 -8M0079707 . . . . . 722, 741
92 -8M0079743 298
92 -8M0079744 298
92 -8M0079745 298
84 -8M0079847 507
84 -8M0079849 509
84 -8M0079850 507
79 -8M0079925 389
8M0079945 492
35 -8M0079962 79
35 -8M0079963 171
10 -8M0080049 641
37 -8M0080152 227
84 -8M0080191 508
84 -8M0080192 508
84 -8M0080193 508
8M0080199 353
8M0080201 353
8M0080432 480
8M0080433 480
8M0080434 480
8M0080435 480
8M0080436 480
8M0080437 480
8M0080438 480
8M0080439 480
8M0080440 480
8M0080441 480
8M0080442 480
8M0080443 480
8M0080444 480
8M0080445 480
8M0080446 480
8M0080447 480
8M0080448 480
84 -8M0080787 509
48 -8M0081238 . . . . . 781, 789
48 -8M0081239 . . . . . 781, 789
48 -8M0081418 766
1687-8M0081852 201
32 -8M0082066 . . . . . 154, 155
35 -8M0082290 170
35 -8M0082291 79
8M0082351 . . . . . 41, 342, 346
8M0082352 . . . . . 42, 320
8M0082353 . . . . . 42, 325, 594
8M0082354 . . . . . 41, 339
8M0082355 . . . . . 42, 350, 594
8M0082479 476
8M0082480 476
8M0082481 476
8M0082482 476
8M0082483 476
8M0082484 476
8M0082485 476
8M0082486 476
8M0082487 476
8M0082488 476
8M0082489 476
8M0082490 476
8M0082491 476
8M0082492 476
8M0082493 476
8M0082494 476
8M0082495 476
8M0082496 476
8M0082497 476
8M0082498 476
8M0082499 476
8M0082500 476
8M0082501 476
8M0082502 476
8M0082503 476
8M0082504 476
8M0082505 476
8M0082506 476
8M0082507 476
8M0082508 476
8M0082526 . . . . . 326, 328, 329, 331, 477
8M0082527 477
8M0082528 477
8M0082529 477
8M0082530 477
8M0082531 477
8M0082532 477
8M0082533 477
8M0082534 477
8M0082535 477
8M0082536 477
8M0082537 477
8M0082538 477
8M0082539 477
8M0082540 477
8M0082541 477
8M0082542 477
8M0082543 477
8M0082544 477
8M0082545 477
8M0082546 477
8M0082547 477
8M0082548 477
8M0082549 477
8M0082550 477
8M0082551 477
8M0082552 477
8M0082553 . . . . . 326, 328, 329, 331, 477
8M0082554 477
8M0082555 477
8M0082556 477
8M0082557 477

8M0082558 477
8M0082575 . . . . . 213, 480
8M0082576 . . . . . 213, 480
8M0082577 . . . . . 213, 480
8M0082578 . . . . . 213, 480
8M0082579 . . . . . 213, 480
8M0082580 . . . . . 213, 480
8M0082581 . . . . . 213, 480
8M0082582 . . . . . 213, 480
8M0082583 . . . . . 213, 480
8M0082584 . . . . . 213, 480
8M0082585 . . . . . 213, 480
8M0082586 . . . . . 213, 480
8M0082587 . . . . . 213, 480
8M0082588 . . . . . 213, 481
8M0082589 . . . . . 213, 481
8M0082590 . . . . . 213, 481
8M0082591 . . . . . 213, 481
8M0082592 . . . . . 213, 481
8M0082593 . . . . . 213, 481
8M0082594 . . . . . 213, 481
8M0082595 . . . . . 213, 481
8M0082596 . . . . . 213, 481
8M0082597 . . . . . 213, 481
8M0082598 . . . . . 213, 481
8M0082599 . . . . . 213, 481
8M0082600 . . . . . 214, 481
8M0082601 . . . . . 214, 481
8M0082602 . . . . . 214, 481
8M0082603 . . . . . 214, 481
8M0082604 . . . . . 214, 481
8M0082605 . . . . . 214, 481
8M0082606 . . . . . 214, 481
8M0082607 . . . . . 214, 481
84 -8M0082859 528
35 -8M0082911 . . . . . 89, 233
8M0083288 636
1600-8M0083306 201
48 -8M0083389 756
48 -8M0083390 756
87 -8M0083437 . . . . . 42, 320, 325, 339, 350, 581, 594
87 -8M0083438 581
87 -8M0083439 . . . . . 421, 581
1200-8M0083449 66
1200-8M0083451 . . . . . 65, 320, 324, 335, 338, 342, 346, 349
1200-8M0083452 . . . . . 65, 320, 324, 335, 338, 342, 346, 349
8M0083500 594
8M0083666 . . . . . 318, 321, 331, 333, 336, 339, 343, 347
8M0083667 . . . . . 318, 321, 331, 333, 336, 339, 343, 347
8M0083860 333
1600-8M0084203 201
84 -8M0084296 . . . . . 506, 508
48 -8M0084491 . . . . 662, 664, 668, 676, 677, 681, 682, 695, 703, 785, 794, 795
48 -8M0084493 662, 664, 668, 676, 677, 681, 682, 695, 703, 794, 795
48 -8M0084494 . . . . 662, 664, 668, 674–677, 681–683, 689, 690, 695, 696, 703, 785, 794–796
48 -8M0084495 . . . . 662, 664, 668, 674–677, 681–683, 689, 690, 695, 696, 703, 785, 794–796
48 -8M0084496 . . . . 662, 664, 668, 674–677, 681–683, 689, 690, 695, 696, 703, 785, 794–796
48 -8M0084497 . . . . 662, 664, 668, 674, 676, 681–683, 689, 690, 694, 696, 703, 785, 794–796
8M0085107 477
8M0085108 478
8M0085109 478
8M0085110 478
8M0085111 478
8M0085112 478
8M0085113 478
8M0085114 478
8M0085115 478
8M0085116 478
8M0085117 478
8M0085121 478
8M0085122 478
8M0085123 478
8M0085124 478
8M0085125 478
93 -8M0085506 877
8M0085615 459
8M0085664 . . . . . 164, 166
8M0085693 177
88 -8M0085705 590
8M0085733 464
8M0085790 464
8M0085794 124
48 -8M0085857 756
48 -8M0085858 756
8M0085937 . . . . . 325, 478
8M0085939 479
8M0085940 478
8M0085941 478
8M0085942 478
8M0085943 479
8M0085944 479
8M0085945 478
8M0085946 478
8M0085947 479
8M0085949 478
8M0085950 479
8M0085951 478
8M0085952 478
8M0085953 479
8M0085954 479
8M0085956 478
8M0085957 479
8M0085958 479
8M0085959 479
8M0085960 478
8M0085962 479
8M0085963 . . . . . 325, 478
8M0085964 478
8M0085966 479
8M0085967 479

8M0085968 . . . 479
8M0085969 . . . 479
8M0085970 . . . 479
8M0085971 . . . 479
8M0085972 . . . 479
8M0085973 . . . 479
8M0085974 . . . 479
8M0085975 . . . 479
8M0085976 . . . 479
8M0085977 . . . 479
8M0085978 . . . 479
8M0085979 . . . 479
8M0085980 . . . 479
8M0085981 . . . 479
8M0085982 . . . 479
8M0085983 . . . 479
8M0085984 . . . 479
8M0085985 . . . 479
8M0085986 . . . 479
8M0085987 . . . 479
8M0085988 . . . 479
8M0085989 . . . 479
8M0085990 . . . 480
8M0085991 . . . 480
92 -8M0086220 . . . 280, 281
92 -8M0086221 . . . 280, 281
92 -8M0086222 . . . 280, 281
92 -8M0086223 . . . 280, 283
92 -8M0086224 . . . 280, 283
92 -8M0086225 . . . 280, 283
92 -8M0086226 . . . 280, 283
92 -8M0086227 . . . 280, 283
92 -8M0086228 . . . 280, 284
8M0086395 . . . 856
8M0086400 . . . 250
77 -8M0086454 . . . 507
77 -8M0086455 . . . 507
77 -8M0086456 . . . 507
77 -8M0086459 . . . 507
77 -8M0086462 . . . 507
77 -8M0086463 . . . 507
77 -8M0086464 . . . 507
77 -8M0086465 . . . 507
77 -8M0086467 . . . 507
77 -8M0086469 . . . 507
8M0086565 . . . 510, 511
8M0086566 . . . 510
8M0086567 . . . 510
8M0086774 . . . 629
67 -8M0087241 . . . 221
67 -8M0087242 . . . 221
67 -8M0087243 . . . 221
67 -8M0087244 . . . 221
67 -8M0087245 . . . 222
67 -8M0087246 . . . 222
67 -8M0087247 . . . 222
67 -8M0087248 . . . 223
67 -8M0087249 . . . 223
67 -8M0087250 . . . 223
67 -8M0087251 . . . 223
67 -8M0087252 . . . 223
67 -8M0087253 . . . 223
67 -8M0087254 . . . 223
67 -8M0087255 . . . 224
57 -8M0087881 . . . 245
8M0088039 . . . 859
93 -8M0088786 . . . 877
8M0088792 . . . 510
32 -8M0088822 . . . 472
35 -8M0088825 . . . 231
32 -8M0088855 . . . 344, 447
57 -8M0088876 . . . 245, 247
64 -8M0088973 . . . 604, 614
8M0089111 . . . 344, 531
8M0089492 . . . 513
8M0089494 . . . 513
8M0089495 . . . 513
8M0089496 . . . 513
8M0089497 . . . 177
8M0089504 . . . 143, 148
77 -8M0089513 . . . 512
77 -8M0089514 . . . 512
77 -8M0089515 . . . 512
77 -8M0089516 . . . 512
92 -8M0089690 . . . 292
92 -8M0089691 . . . 292
92 -8M0089692 . . . 292
8M0089715 . . . 245, 247
84 -8M0089989 . . . 517
87 -8M0090402 . . . 559
8M0090442 . . . 88, 346
8M0090447 . . . 344, 349, 421, 534
48 -8M0090451 . . . 725, 741
48 -8M0090453 . . . 725, 741
48 -8M0090455 . . . 725, 741
48 -8M0090457 . . . 725, 741
8M0090558 . . . 240
8M0090559 . . . 240
8M0090764 . . . 230
35 -8M0090809 . . . 76, 233–236, 238
8M0090819 . . . 232–234
8M0091534 . . . 98, 102, 103, 232, 233, 346
8M0091565 . . . 490
8M0091581 . . . 513
48 -8M0092002 . . . 728, 743
48 -8M0092003 . . . 728, 743
48 -8M0092004 . . . 728, 743
48 -8M0092005 . . . 728, 743
48 -8M0092006 . . . 728, 743
48 -8M0092007 . . . 728, 743
48 -8M0092008 . . . 728, 743
48 -8M0092009 . . . 728, 743
48 -8M0092010 . . . 728, 743
48 -8M0092011 . . . 728, 743

48 -8M0092012 . . . . . 728, 743
48 -8M0092013 . . . . . 728, 743
8M0092022 19
48 -8M0092608 756
48 -8M0092609 756
8M0092849 566
8M0092851 567
8M0092854 566
8M0092927 207
48 -8M0093360 755
48 -8M0093361 755
8M0093480 249
57 -8M0093495 249
57 -8M0093513 250
8M0093561 249
35 -8M0093688 . . . . . 172, 246–248
8M0094135 206
8M0094136 206
8M0094232 240
8M0094233 241
84 -8M0094239 584
84 -8M0094269 577
8M0094529 232–234
48 -8M0094553 748
48 -8M0094554 748
22 -8M0094865 . . . . . 125, 126
8M0095310 531
8M0095447 154
33 -8M0095454 . . . . . 117, 118, 245, 247
8M0095543 490
84 -8M0095716 . . . . . 410, 420
84 -8M0095826 . . . . . 410, 420
84 -8M0095827 . . . . . 410, 420
84 -8M0095828 . . . . . 410, 420
8M0095832 . . . . . 130, 146, 148, 367
8M0095833 . . . . . 130, 146, 148, 367
8M0095834 . . . . . 130, 146, 148, 367
48 -8M0095886 709
48 -8M0095887 709
48 -8M0095888 709
48 -8M0095889 709
48 -8M0095890 709
92 -8M0096256 . . . . . 280, 284
8M0096314 . . . . . 357, 361, 607
8M0096315 . . . . . 357, 361, 607
8M0096316 . . . . . 357, 362, 607
8M0096317 . . . . . 357, 362, 607
8M0096319 . . . . . 357, 362, 607
8M0096320 . . . . . 358, 362, 607
8M0096321 . . . . . 358, 362, 607
8M0096322 . . . . . 358, 362, 607
8M0096323 . . . . . 358, 362, 607
8M0096324 . . . . . 358, 362, 607
8M0096701 . . . . . 143, 148
92 -8M0096727 265
92 -8M0096794 292
92 -8M0096795 292
8M0097129 48
91 -8M0097143 207
8M0097267 . . . . . 358, 362, 607
8M0097268 . . . . . 358, 362, 607
67 -8M0097351 221
67 -8M0097352 222
67 -8M0097353 222
57 -8M0097728 . . . . . 245, 247
8M0097838 79
8M0097850 609
8M0097854 240
8M0097855 240
8M0097856 240
8M0097857 240
8M0097858 241
8M0097859 241
8M0098264 . . . . . 28–31, 319, 334, 340, 344, 449, 451–453
8M0098273 . . . . . 30, 31, 449, 452, 453
8M0098561 166
8M0098562 166
8M0098892 131
8M0099084 609
8M0099085 609
8M0099090 609
8M0099091 609
8M0099092 609
8M0099093 609
8M0099094 609
8M0099104 609
23 -8M0099105 609
8M0099152 506
1600-8M0099218 112
1600-8M0099221 112
8M0099412 410
8M0099429 248
48 -8M0099430 756
48 -8M0099431 756
8M0100069 541
48 -8M0100104 . . . . . 723, 741
48 -8M0100105 . . . . . 723, 741
48 -8M0100106 . . . . . 723, 741
48 -8M0100107 . . . . . 723, 741
48 -8M0100109 . . . . . 723, 741
48 -8M0100110 . . . . . 724, 741
48 -8M0100111 . . . . . 724, 741
48 -8M0100112 . . . . . 724, 741
48 -8M0100496 758
48 -8M0100497 758
48 -8M0100498 758
48 -8M0100499 758
8M0100517 178
47 -8M0100527 248
8M0101387 164
48 -8M0101559 755
48 -8M0101560 755
8M0101603 . . . . . 847, 849
8M0101604 . . . . . 847, 849

84 -8M0101642 539
84 -8M0101643 539
8M0101650 539
48 -8M0102348 755
48 -8M0102349 755
22 -8M0102849 175
8M0103315 535
8M0103449 464
8M0103451 466
8M0103454 466
48 -8M0103516 776, 781, 785, 788, 793, 795–797, 799–802, 806, 812
48 -8M0103517 . . . . 776, 781, 785, 788, 793, 795–797, 799–801, 803, 806, 812
48 -8M0103518 . . . . 776, 781, 785, 788, 793, 795–797, 799–801, 803, 806, 812
48 -8M0103519 . . . . 776, 781, 785, 788, 793, 795–797, 799–801, 803, 807, 812
48 -8M0103520 . . . . 776, 781, 785, 788, 793, 795–797, 799, 800, 802, 803, 807, 812
48 -8M0103521 . . . . 776, 781, 785, 788, 794–797, 799, 800, 802, 803, 807, 812
48 -8M0103522 . . . . 776, 781, 785, 788, 794–797, 799, 800, 802, 803, 807, 812
48 -8M0103523 . . . . 776, 781, 785, 788, 794–797, 799, 800, 802, 803, 807, 812
48 -8M0103524 812
48 -8M0103525 . . . . 776, 781, 785, 788, 794–797, 799, 800, 802, 803, 807, 812
48 -8M0103526 776, 781, 785, 788, 794–797, 799, 802, 803, 807, 812
48 -8M0103527 . . . . 776, 781, 785, 788, 794–797, 799, 800, 802, 803, 807, 812
48 -8M0103528 . . . . 776, 781, 785, 788, 794–797, 799, 800, 802, 803, 807, 812
48 -8M0103529 . . . . 776, 781, 785, 788, 794–797, 799, 800, 802, 803, 807, 812
48 -8M0103530 . . . . 776, 781, 785, 788, 794–797, 799, 800, 802, 803, 807, 812
48 -8M0103531 . . . . 777, 781, 785, 788, 794–797, 799, 800, 802, 803, 807, 812
48 -8M0103532 776, 781, 785, 788, 795–797, 799, 800, 803, 807, 812
48 -8M0103533 . . . . 777, 781, 786, 788, 794–797, 799, 800, 802, 803, 807, 812
48 -8M0103650 748
48 -8M0103651 748
98 -8M0103686 81
8M0103837 . . . . . 39, 43
8M0103839 . . . . . 39, 43
8M0103840 43
35 -8M0103963 173
8M0103982 120
8M0104197 . . . . . 39, 43
8M0104198 . . . . . 39, 43
47 -8M0104229 244–248
48 -8M0104250 748
48 -8M0104251 748
48 -8M0104252 752
48 -8M0104253 752
48 -8M0104417 . . . . . 724, 742
48 -8M0104418 . . . . . 724, 742
48 -8M0104419 . . . . . 724, 742
48 -8M0104420 . . . . . 724, 742
48 -8M0104716 755
48 -8M0104717 755
8M0105087 . . . . . 51, 56, 350
8M0105089 . . . . . 51, 56, 346
8M0105090 . . . . . 51, 56, 346
11 -8M0105210 862
84 -8M0105263 80
84 -8M0105264 81
8M0105518 539
35 -8M0105781 250
35 -8M0106015 250
35 -8M0106058 250
8M0106193 250
35 -8M0106323 250
35 -8M0106324 250
8M0106368 250
48 -8M0106504 755
48 -8M0106505 755
48 -8M0106543 . . . . . 727, 742
48 -8M0106544 . . . . . 727, 742
48 -8M0106545 . . . . . 727, 742
48 -8M0106546 . . . . . 727, 742
48 -8M0106547 . . . . . 727, 742
48 -8M0106548 . . . . . 727, 742
35 -8M0106635 . . . . . 81, 236, 360
48 -8M0106640 750
48 -8M0106641 750
48 -8M0106643 750
98 -8M0106961 166
98 -8M0106963 166
8M0107220 851
97 -8M0107546 . . . . . 94, 232
97 -8M0107547 94
97 -8M0107548 . . . . . 94, 232, 233
97 -8M0107549 94
97 -8M0107550 95
97 -8M0107551 95
48 -8M0107948 755
48 -8M0107949 755
94 -8M0107970 876
48 -8M0108350 . . . . . 726, 742
48 -8M0108351 . . . . . 726, 742
48 -8M0108352 . . . . . 726, 742
48 -8M0108353 . . . . . 726, 742
48 -8M0108354 . . . . . 726, 742
48 -8M0108357 . . . . . 726, 742
48 -8M0108441 756
48 -8M0108442 756
23 -8M0108472 855
53 -8M0108475 856
67 -8M0108695 224
67 -8M0108696 224
8M0108999 492
8M0109000 491
8M0109049 . . . . . 127, 203

8M0109050 . . . . . 127, 204
48 -8M0109051 755
48 -8M0109052 755
98 -8M0109256 128
67 -8M0109257 218
84 -8M0109294 515
84 -8M0109337 515
84 -8M0109408 578
77 -8M0109482 505
48 -8M0109490 750
48 -8M0109491 750
48 -8M0109500 752
48 -8M0109501 752
8M0109505 574
8M0109506 574
8M0109507 573
8M0109508 573
8M0109543 . . . . . 77, 345, 349
8M0109720 523
8M0109722 523
8M0109742 420
11 -8M0109756 58
48 -8M0110303 . . . . . 726, 742
48 -8M0110304 . . . . . 726, 742
67 -8M0110408 221
67 -8M0110409 222
67 -8M0110410 222
8M0110639 384
8M0110641 384
8M0110642 537
8M0110643 . . 323, 338, 341, 345, 348, 352, 355, 359, 365, 383
8M0110644 385
8M0110646 . . 323, 338, 341, 345, 348, 352, 355, 359, 365, 383
8M0110649 385
50 -8M0110703 85
50 -8M0110715 85
57 -8M0110926 250
48 -8M0111147 . . . . . 723, 741
48 -8M0111148 . . . . . 723, 741
48 -8M0111149 . . . . . 723, 741
48 -8M0111150 . . . . . 723, 741
48 -8M0111151 . . . . . 723, 741
8M0111459 517
8M0111544 520
8M0111545 520
8M0111546 521
8M0111547 521
8M0111550 520
8M0111552 521
8M0111553 521
8M0111554 520
84 -8M0111668 385
84 -8M0111669 385
84 -8M0111670 385
8M0111837 523
84 -8M0111860 220
8M0112041 523
97 -8M0112332 250
48 -8M0112359 756
48 -8M0112360 756
48 -8M0112362 750
48 -8M0112363 750
98 -8M0112577 . . . . . 150, 156, 157
98 -8M0112578 . . . . . 152, 156
98 -8M0112579 . . . . . 153, 157
98 -8M0112580 . . . . . 153, 157
48 -8M0112981 . . . . . 722, 740
48 -8M0112982 . . . . . 722, 740
48 -8M0112983 . . . . . 722, 740
48 -8M0112984 . . . . . 722, 740
48 -8M0112985 . . . . . 722, 740
48 -8M0112986 . . . . . 722, 740
48 -8M0112987 . . . . . 722, 740
48 -8M0112988 . . . . . 722, 740
48 -8M0112989 . . . . . 722, 740
48 -8M0112990 . . . . . 722, 741
48 -8M0113150 710
8M0113313 175
8M0113442 521
8M0113483 240
35 -8M0113498 . . . . . 79, 352
84 -8M0113732 . . . . . 356, 360, 552
46 -8M0113799 233
46 -8M0113801 232
48 -8M0113928 . . . . . 726, 742
48 -8M0113929 . . . . . 726, 742
48 -8M0113930 . . . . . 726, 742
48 -8M0113931 . . . . . 726, 742
48 -8M0113932 . . . . . 726, 742
48 -8M0113933 . . . . . 726, 742
48 -8M0113934 . . . . . 726, 742
48 -8M0113935 . . . . . 726, 742
48 -8M0113936 . . . . . 726, 742
48 -8M0113937 . . . . . 726, 742
48 -8M0113938 . . . . . 725, 742
48 -8M0113939 . . . . . 725, 742
48 -8M0113940 . . . . . 725, 742
48 -8M0113941 . . . . . 725, 742
48 -8M0113942 . . . . . 725, 742
48 -8M0113943 . . . . . 725, 742
48 -8M0113944 . . . . . 725, 742
48 -8M0113945 . . . . . 725, 742
48 -8M0113946 . . . . . 725, 742
48 -8M0113947 . . . . . 725, 742
48 -8M0113948 . . . . . 725, 742
48 -8M0113949 . . . . . 725, 742
48 -8M0113950 . . . . . 725, 742
48 -8M0113951 . . . . . 725, 742
48 -8M0113952 . . . . . 725, 742
48 -8M0113953 . . . . . 725, 742
48 -8M0113954 . . . . . 725, 742
48 -8M0113955 . . . . . 725, 742
48 -8M0113956 . . . . . 725, 742
48 -8M0113957 . . . . . 725, 742

48 -8M0113958 . . . . . 725, 742
48 -8M0113959 . . . . . 725, 742
84 -8M0114012 537
48 -8M0114407 709
48 -8M0114408 709
48 -8M0114409 709
48 -8M0114410 709
84 -8M0114502 523
35 -8M0114618 . . . . . 78, 356
33 -8M0114737 . . . . . 5, 13, 18
33 -8M0114739 14–19
33 -8M0114741 19
33 -8M0114743 . . . . . 5, 13
33 -8M0114744 13
33 -8M0114746 14
33 -8M0114747 . . . . . 119, 120, 248
8M0114782 468
91 -8M0114829 640
91 -8M0114831 640
91 -8M0114832 640
91 -8M0114833 640
8M0114911 636
8M0114912 637
27 -8M0115016 743
84 -8M0115080 . . . . . 323, 338, 341, 345, 348, 352, 355, 359, 365
84 -8M0115495 491
35 -8M0116379 290
97 -8M0116589 95
97 -8M0116590 95
35 -8M0116793 78
8M0117114 574
98 -8M0117124 . . . . . 128, 366
98 -8M0117125 . . . . . 128, 137, 144, 147, 366
87 -8M0117136 559
87 -8M0117137 559
87 -8M0117138 559
87 -8M0117139 559
87 -8M0117140 560
8M0117143 489
92 -8M0117687 297
98 -8M0117938 163
98 -8M0117939 163
98 -8M0117940 163
98 -8M0117941 163
48 -8M0117982 . . . . . 730, 744
48 -8M0117983 . . . . . 730, 744
48 -8M0117984 . . . . . 730, 744
48 -8M0117985 . . . . . 730, 744
48 -8M0117986 . . . . . 730, 744
48 -8M0117987 . . . . . 729, 744
48 -8M0117988 . . . . . 729, 744
48 -8M0117989 . . . . . 729, 744
48 -8M0117990 . . . . . 729, 744
48 -8M0117991 . . . . . 729, 744
48 -8M0117992 . . . . . 729, 744
48 -8M0117993 . . . . . 729, 744
48 -8M0117994 . . . . . 729, 744
48 -8M0117995 . . . . . 729, 744
48 -8M0117996 . . . . . 729, 744
48 -8M0117997 . . . . . 729, 744
48 -8M0117998 . . . . . 729, 744
48 -8M0117999 . . . . . 729, 744
48 -8M0118000 . . . . . 729, 744
48 -8M0118001 . . . . . 729, 744
48 -8M0118002 . . . . . 729, 744
48 -8M0118003 . . . . . 729, 744
48 -8M0118004 . . . . . 729, 743
48 -8M0118005 . . . . . 729, 743
48 -8M0118006 . . . . . 729, 743
48 -8M0118007 . . . . . 729, 743
48 -8M0118008 . . . . . 729, 743
48 -8M0118009 . . . . . 729, 743
48 -8M0118010 . . . . . 729, 743
48 -8M0118011 . . . . . 729, 743
48 -8M0118012 . . . . . 729, 743
48 -8M0118013 . . . . . 729, 743
48 -8M0118014 . . . . . 729, 743
48 -8M0118015 . . . . . 729, 743
48 -8M0118016 729
48 -8M0118017 . . . . . 729, 743
8M0118141 599
84 -8M0118364 508
84 -8M0118368 516
48 -8M0118468 . . . . . 724, 741
48 -8M0118469 . . . . . 725, 741
48 -8M0118470 . . . . . 724, 741
48 -8M0118471 . . . . . 725, 741
8M0118725 . . . . . 346, 450, 579
8M0118806 490
8M0118808 490
48 -8M0119052 . . . . . 726, 742
48 -8M0119053 . . . . . 726, 742
48 -8M0119055 . . . . . 726, 742
48 -8M0119056 . . . . . 726, 742
48 -8M0119057 . . . . . 726, 742
48 -8M0119058 . . . . . 726, 742
8M0119081 . . . . . 848, 852
8M0119082 . . . . . 848, 852
8M0119083 . . . . . 848, 852
22 -8M0119308 . . . . . 124, 126
48 -8M0119331 748
48 -8M0119332 748
79 -8M0119406 . . . . . 323, 337, 341, 344, 348, 352, 355, 359, 365, 403
91 -8M0119480 639
92 -8M0119689 312
98 -8M0120321 . . . . . 164, 166
8M0120346 446
8M0120657 . . . . . 236, 241
8M0120836 . . . . . 230, 239
8M0120837 . . . . . 230, 239
8M0120838 239
8M0120839 239
8M0120867 . . . . . 230, 239
77 -8M0121241 498

8M0121295 592
8M0121296 592
8M0121297 592
8M0121300 593
48 -8M0121589 . . . . . 723, 741
48 -8M0121590 . . . . . 723, 741
48 -8M0121591 . . . . . 723, 741
48 -8M0121592 . . . . . 723, 741
48 -8M0121593 . . . . . 723, 741
48 -8M0121594 . . . . . 723, 741
48 -8M0121595 . . . . . 723, 741
48 -8M0121596 . . . . . 723, 741
48 -8M0121597 . . . . . 723, 741
48 -8M0121598 . . . . . 723, 741
48 -8M0121599 . . . . . 722, 741
48 -8M0121600 . . . . . 722, 741
48 -8M0121601 . . . . . 722, 741
48 -8M0121602 . . . . . 722, 741
48 -8M0121603 . . . . . 722, 741
48 -8M0121604 . . . . . 722, 741
92 -8M0121914 283
92 -8M0121960 . . . . . 300, 301
92 -8M0121963 300
92 -8M0121969 298
98 -8M0122010 177
46 -8M0122064 . . . . . 230, 231
8M0122079 124
35 -8M0122423 . . . . . 76, 233–236, 245, 247, 319, 324, 352, 356
35 -8M0122424 76
79 -8M0122502 534
79 -8M0122503 532
79 -8M0122505 533
79 -8M0122506 533
79 -8M0122507 533
98 -8M0122649 . . . . . 150, 155
8M0122660 . . . . . 357, 361
8M0122662 353
8M0122663 . . . . . 357, 361
46 -8M0122666 . . . . . 151, 155
84 -8M0122787 530
79 -8M0122888 533
8M0123001 206
35 -8M0123025 . . . . . 91, 237, 360
98 -8M0123083 . . . . . 162, 368
48 -8M0123399 . . . . . 798, 809
48 -8M0123400 . . . . . 798, 809
48 -8M0123401 . . . . . 798, 809
48 -8M0123402 . . . . . 798, 809
48 -8M0123403 . . . . . 798, 809
48 -8M0123404 . . . . . 798, 809
48 -8M0123405 . . . . . 798, 809
48 -8M0123406 . . . . . 798, 809
48 -8M0123407 . . . . . 798, 809
48 -8M0123408 . . . . . 798, 809
48 -8M0123409 . . . . . 798, 809
48 -8M0123410 . . . . . 798, 809
48 -8M0123411 . . . . . 798, 809
48 -8M0123412 . . . . . 798, 809
79 -8M0123434 533
98 -8M0123588 . . . . . 150, 157
98 -8M0123590 . . . . . 152, 157
98 -8M0123592 . . . . . 153, 157
98 -8M0123593 . . . . . 153, 157
98 -8M0124068 137
98 -8M0124069 137
98 -8M0124070 137
64 -8M0124205 616
64 -8M0124208 616
8M0124227 248
8M0124387 455
8M0124495 . . 323, 338, 341, 345, 348, 352, 355, 359, 365, 383
8M0124496 . . 323, 338, 341, 345, 348, 352, 355, 359, 365, 383
8M0124497 385
8M0124498 . . 323, 338, 341, 345, 348, 352, 355, 359, 365, 383
98 -8M0124634 . . . . . 164, 165, 367
48 -8M0125095 709
48 -8M0125096 709
48 -8M0125097 709
48 -8M0125098 709
48 -8M0125099 709
48 -8M0125100 709
48 -8M0125101 709
48 -8M0125102 709
22 -8M0125175 . . . . . 71, 173
91 -8M0125730 640
48 -8M0125738 . . . . . 734, 745
48 -8M0125739 . . . . . 734, 745
48 -8M0125740 . . . . . 734, 745
48 -8M0125741 . . . . . 734, 745
48 -8M0125742 . . . . . 734, 745
48 -8M0125743 . . . . . 734, 745
48 -8M0125744 . . . . . 734, 745
48 -8M0125745 . . . . . 734, 745
48 -8M0125746 . . . . . 734, 745
48 -8M0125747 . . . . . 734, 745
84 -8M0125748 557
84 -8M0125749 557
84 -8M0125750 557
84 -8M0125751 557
84 -8M0125752 557
84 -8M0125753 557
84 -8M0125754 557
84 -8M0125755 557
84 -8M0125756 557
35 -8M0126144 . . . . . 81, 237, 360
48 -8M0126236 . . . . . 723, 741
48 -8M0126237 . . . . . 723, 741
97 -8M0126670 95
97 -8M0126671 95
67 -8M0126685 572
67 -8M0126686 572
8M0126959 548
8M0126960 548
84 -8M0127018 551

48 -8M0127026 709
48 -8M0127027 . . . . . 679, 709
48 -8M0127028 709
48 -8M0127029 . . . . . 679, 709
48 -8M0127030 709
48 -8M0127031 . . . . . 679, 709
48 -8M0127032 710
48 -8M0127033 . . . . . 679, 710
48 -8M0127034 710
48 -8M0127035 . . . . . 679, 710
48 -8M0127036 710
48 -8M0127037 . . . . . 679, 710
48 -8M0127038 . . . . . 691, 710
48 -8M0127039 . . . . . 679, 710
48 -8M0127040 709
48 -8M0127041 709
48 -8M0127042 709
48 -8M0127043 709
48 -8M0127044 709
48 -8M0127045 709
48 -8M0127046 709
48 -8M0127047 709
48 -8M0127048 709
48 -8M0127049 709
48 -8M0127050 709
48 -8M0127051 709
48 -8M0127052 709
48 -8M0127053 709
98 -8M0127351 629
84 -8M0127681 552
84 -8M0127682 . . . . . 356, 360, 552
94 -8M0128091 876
48 -8M0128332 . . . . . 725, 742
48 -8M0128333 . . . . . 725, 742
48 -8M0128334 . . . . . 724, 742
48 -8M0128335 . . . . . 724, 742
8M0128829 50
48 -8M0129046 . . . . . 722, 741
48 -8M0129048 . . . . . 722, 741
48 -8M0129049 . . . . . 722, 741
91 -8M0129072 874
91 -8M0129074 874
8M0129098 195
33 -8M0129146 . . . . . 114, 119, 247
48 -8M0129147 . . . . . 728, 743
48 -8M0129148 . . . . . 728, 743
48 -8M0129149 . . . . . 728, 743
48 -8M0129397 . . . . . 724, 742
8M0129437 521
8M0129438 522
8M0129439 522
8M0129440 522
8M0129442 522
8M0129456 522
8M0129457 522
8M0129458 523
8M0129513 598
8M0129527 599
88 -8M0129528 589
88 -8M0129529 590
88 -8M0129530 589
88 -8M0129531 589
88 -8M0129533 589
88 -8M0129534 589
88 -8M0129535 589
8M0129543 . . 323, 338, 341, 345, 348, 352, 355, 359, 365, 382
8M0129544 385
8M0129545 . . 323, 338, 341, 345, 348, 352, 355, 359, 365, 382
88 -8M0129562 589
57 -8M0129918 249
91 -8M0130705 641
8M0130835 241
88 -8M0130941 589
48 -8M0131144 . . . . . 730, 744
48 -8M0131145 . . . . . 730, 744
48 -8M0131146 . . . . . 730, 744
48 -8M0131147 . . . . . 730, 744
48 -8M0131148 . . . . . 729, 744
48 -8M0131149 . . . . . 729, 744
48 -8M0131150 . . . . . 729, 744
48 -8M0131151 . . . . . 729, 744
48 -8M0131152 . . . . . 729, 744
48 -8M0131153 . . . . . 729, 744
48 -8M0131154 . . . . . 729, 744
48 -8M0131155 . . . . . 729, 744
48 -8M0131156 . . . . . 729, 744
48 -8M0131157 . . . . . 729, 744
48 -8M0131158 . . . . . 729, 744
48 -8M0131159 . . . . . 729, 744
48 -8M0131160 . . . . . 729, 743
48 -8M0131161 . . . . . 729, 743
48 -8M0131162 . . . . . 729, 743
48 -8M0131163 . . . . . 729, 743
48 -8M0131164 . . . . . 729, 743
48 -8M0131165 . . . . . 729, 743
48 -8M0131166 . . . . . 729, 743
48 -8M0131167 . . . . . 729, 743
22 -8M0131184 495
8M0131240 . . . . . 847, 866
8M0131497 250
35 -8M0131725 251
35 -8M0131726 250
10 -8M0131814 . . . . . 57, 59
92 -8M0132061 272
88 -8M0133062 588
8M0133237 . . . . . 456, 496
8M0133240 . . . . . 457, 497
8M0133242 . . . . . 457, 497
8M0133243 . . . . . 458, 497
8M0133244 . . . . . 458, 497
8M0133245 . . . . . 458, 497
8M0133246 . . . . . 458, 497
8M0133247 . . . . . 458, 498
8M0133439 383

84 -8M0133542 33
8M0133617 . . . . . 236, 241
92 -8M0133898 312
92 -8M0133915 308
92 -8M0133917 308
92 -8M0133921 272
92 -8M0133927 308
92 -8M0133931 . . . . . 308, 876
92 -8M0133935 308
92 -8M0133937 309
92 -8M0133941 296
92 -8M0133951 . . . . . 310, 600
92 -8M0133953 260
92 -8M0133957 309
92 -8M0133959 312
92 -8M0133963 297
92 -8M0133977 295
92 -8M0133979 295
92 -8M0133985 306
92 -8M0133993 . . . . . 260, 274, 276
92 -8M0133995 270
92 -8M0133997 270
8M0133999 272
92 -8M0134001 272
92 -8M0134003 297
35 -8M0134466 . . . . . 230, 231
8M0134605 584
8M0134606 . . . . . 584, 601
8M0134609 . . . . . 41, 47, 353
8M0134611 618
35 -8M0135210 . . . . . 173, 249
33 -8M0135348 . . . . . 13, 237, 360
35 -8M0135386 . . . . . 81, 360
79 -8M0135536 . . 323, 337, 341, 344, 348, 352, 355, 359, 364, 402
79 -8M0135617 . . 323, 337, 341, 344, 348, 352, 355, 359, 365, 402
79 -8M0135618 . . 323, 337, 341, 344, 348, 352, 355, 359, 365, 403
79 -8M0135619 . . 323, 337, 341, 344, 348, 352, 355, 359, 365, 403
79 -8M0135624 388
79 -8M0135625 388
79 -8M0135626 . . . . . 323, 338, 345, 349, 351, 355, 359, 365
79 -8M0135627 388
79 -8M0135628 388
79 -8M0135629 390
79 -8M0135630 390
79 -8M0135631 389
79 -8M0135632 . . . . . 323, 337, 341, 345, 349, 351, 355, 359, 365
79 -8M0135633 . . . . . 323, 337, 341, 345, 349, 351, 355, 359, 365
79 -8M0135634 . . 323, 337, 341, 345, 349, 351, 355, 359, 365, 388
79 -8M0135638 388
79 -8M0135641 . . 323, 337, 341, 345, 349, 351, 355, 359, 365, 390
79 -8M0135644 391
79 -8M0135645 . . 323, 338, 341, 345, 349, 351, 355, 359, 365, 391
79 -8M0135646 391
79 -8M0135648 . . . . . 323, 338, 341, 345, 349, 351, 355, 359, 365
79 -8M0135649 . . . . . 323, 338, 341, 345, 349, 352, 355, 359, 365
79 -8M0135651 391
79 -8M0135654 391
79 -8M0135655 391
79 -8M0135656 390
79 -8M0135657 390
79 -8M0135658 . . . . . 341, 389
79 -8M0135659 388
79 -8M0135688 . . . . . 323, 337, 341, 345, 349, 351, 355, 359, 365
47 -8M0135803 231
46 -8M0135821 231
91 -8M0135998 . . . . . 93, 178
67 -8M0136134 222
67 -8M0136136 224
67 -8M0136137 224
67 -8M0136144 224
84 -8M0136941 34
84 -8M0136942 33
84 -8M0137199 531
98 -8M0137212 . . . . . 151, 155
8M0137439 596
8M0137442 597
8M0137445 596
8M0137447 596
8M0137449 596
8M0137451 596
8M0137453 597
8M0137456 . . . . . 595, 597
8M0137459 597
8M0137461 597
97 -8M0137814 . . . . . 98, 103, 236, 237, 361
8M0137842 24
8M0137846 35
8M0137849 . . . . . 19, 231
8M0137852 50
8M0137854 39
48 -8M0137906 709
48 -8M0137907 709
48 -8M0137924 . . . . . 679, 709
48 -8M0137925 709
84 -8M0138268 537
84 -8M0138593 . . . . . 525, 542
84 -8M0138676 . . . . . 353, 357, 361, 600
84 -8M0138677 . . . . . 353, 357, 361, 600
84 -8M0138678 . . . . . 353, 357, 361, 600
35 -8M0138697 291
8M0138978 574
8M0138979 250
48 -8M0139055 . . . . . 735, 745
48 -8M0139056 . . . . . 735, 745
8M0139419 565
8M0139420 565
8M0139434 231
84 -8M0139671 513
46 -8M0139983 . . . . . 152, 155, 156, 158, 159
48 -8M0140247 . . . . . 735, 745
48 -8M0140248 . . . . . 735, 745
93 -8M0140357 877
48 -8M0140854 . . . . . 734, 745
48 -8M0140855 . . . . . 734, 745

35 -8M0140873 250
98 -8M0140877 48
8M0141864 384
8M0141907 594
8M0141911 610
8M0142084 856
48 -8M0142097 . . . . . 723, 741
48 -8M0142098 . . . . . 723, 741
48 -8M0142099 . . . . . 723, 741
48 -8M0142100 . . . . . 723, 741
48 -8M0142101 . . . . . 723, 741
48 -8M0142102 . . . . . 723, 741
48 -8M0142103 . . . . . 723, 741
48 -8M0142104 . . . . . 722, 741
48 -8M0142105 . . . . . 722, 741
48 -8M0142106 . . . . . 722, 741
48 -8M0142107 . . . . . 722, 741
48 -8M0142110 . . . . . 726, 742
48 -8M0142111 . . . . . 726, 742
48 -8M0142112 . . . . . 726, 742
48 -8M0142113 . . . . . 726, 742
48 -8M0142114 . . . . . 726, 742
48 -8M0142115 . . . . . 726, 742
48 -8M0142116 . . . . . 726, 742
48 -8M0142117 . . . . . 726, 742
48 -8M0142118 . . . . . 726, 742
100 -8M0142205 109
100 -8M0142206 109
100 -8M0142207 109
100 -8M0142208 109
100 -8M0142209 109
100 -8M0142210 109
100 -8M0142211 110
100 -8M0142212 110
100 -8M0142213 110
100 -8M0142214 110
100 -8M0142215 110
100 -8M0142216 110
57 -8M0142251 . . . . . 237, 360
8M0142265 . . . . . 92, 360, 530
71 -8M0142696 530
8M0142779 51
8M0142787 51
47 -8M0142980 . . . . . 237, 361
8M0143217 . . . . . 30, 31
8M0143358 594
8M0143359 529
54 -8M0143696 237
48 -8M0144040 . . . . . 728, 743
48 -8M0144042 . . . . . 728, 743
48 -8M0144044 . . . . . 728, 743
48 -8M0144046 . . . . . 728, 743
8M0144227 . . . . . 456, 496
56 -8M0144608 . . . . . 34, 590
84 -8M0144917 599
84 -8M0144923 599
84 -8M0144924 600
8M0145165 . . . . . 361, 447, 530
35 -8M0145281 250
84 -8M0145987 . . . . . 540, 545
35 -8M0146203 77
35 -8M0146206 77
8M0146217 . . . . . 368, 631
8M0146246 605
8M0146247 . . . . . 493, 606
84 -8M0146321 530
84 -8M0146742 547
84 -8M0146743 547
84 -8M0146744 547
84 -8M0146745 547
84 -8M0146746 547
84 -8M0146747 547
84 -8M0146748 547
84 -8M0146749 547
84 -8M0146750 547
84 -8M0146751 547
84 -8M0146752 547
84 -8M0146753 547
84 -8M0146754 548
84 -8M0146755 548
84 -8M0146756 548
84 -8M0146757 548
84 -8M0146758 548
84 -8M0146759 548
8M0147011 605
8M0147046 51
8M0147047 51
8M0147048 252
8M0147049 252
8M0147050 252
8M0147051 252
8M0147052 253
8M0147053 253
8M0147054 254
8M0147055 254
8M0147056 254
8M0147057 254
8M0147058 255
8M0147061 252
8M0147062 252
8M0147063 252
8M0147064 252
8M0147065 253
8M0147066 253
8M0147067 253
8M0147068 253
8M0147069 253
8M0147070 253
8M0147071 254
8M0147072 254
8M0147073 254
8M0147074 254
8M0147075 255
8M0147076 255

91 -8M0147078 . . . . . 360, 640
48 -8M0147732 . . . . . 735, 745
48 -8M0147733 . . . . . 734, 745
8M0147933 219
32 -8M0148099 602
8M0148159 599
48 -8M0148161 . . . . . 735, 745
48 -8M0148162 . . . . . 735, 745
48 -8M0148163 . . . . . 735, 745
48 -8M0148164 . . . . . 735, 745
57 -8M0148883 249
62 -8M0148919 890
62 -8M0148926 890
62 -8M0148941 890
62 -8M0148942 890
84 -8M0149414 33
8M0149427 242
8M0149428 . . . . . 236, 242
8M0149598 472
35 -8M0149607 76
84 -8M0149640 547
87 -8M0149746 601
10 -8M0149747 . . . . . 57, 59
84 -8M0149788 33
84 -8M0149789 33
84 -8M0149790 33
8M0149869 631
8M0149929 241
8M0149930 241
8M0149931 242
8M0149932 242
8M0150152 . . . . . 847, 849
84 -8M0150477 420
84 -8M0150478 420
84 -8M0150539 420
32 -8M0150604 . . . . . 492, 602, 605
32 -8M0150605 . . . . . 492, 605
32 -8M0150606 . . . . . 492, 602, 605
32 -8M0150607 . . . . . 492, 602, 605
32 -8M0150608 . . . . . 492, 602, 605
32 -8M0150610 . . . . . 492, 602, 605
32 -8M0150612 . . . . . 492, 605
32 -8M0150613 . . . . . 492, 602, 605
32 -8M0150614 . . . . . 492, 605
32 -8M0150615 . . . . . 493, 602, 606
32 -8M0150616 . . . . . 493, 602, 606
32 -8M0150617 . . . . . 493, 602, 606
32 -8M0150618 . . . . . 493, 602, 606
32 -8M0150619 . . . . . 493, 602, 606
32 -8M0150620 . . . . . 493, 602, 606
32 -8M0150621 . . . . . 493, 606
32 -8M0150622 . . . . . 493, 606
32 -8M0150623 . . . . . 493, 606
32 -8M0150624 . . . . . 493, 606
35 -8M0150911 173
35 -8M0150917 293
57 -8M0151040 232
47 -8M0151113 251
48 -8M0151210 . . . . . 663, 664, 670, 709, 713
48 -8M0151211 . . . . . 663, 664, 670, 709, 713
48 -8M0151212 . . . . . 663, 664, 670, 709, 713
48 -8M0151213 . . . . . 663, 664, 670, 709, 713
48 -8M0151214 . . . . . 663, 664, 670, 709, 713
48 -8M0151215 . . . . . 663, 664, 670, 709, 713
48 -8M0151216 . . . . . 663, 664, 670, 709, 713
48 -8M0151217 . . . . . 663, 664, 670, 709, 713
48 -8M0151218 . . . . . 663, 664, 670, 709, 713
48 -8M0151219 . . . . . 663, 664, 670, 709, 713
48 -8M0151220 . . . . . 663, 664, 670, 709, 713
48 -8M0151221 . . . . . 664, 670, 709, 713
48 -8M0151224 . . . . . 662, 664, 669, 694, 709, 710
48 -8M0151225 . . 662, 664, 669, 676, 677, 681–683, 694, 709, 710
48 -8M0151226 . . . . . 662, 664, 669, 679, 680, 694, 709, 711
48 -8M0151227 . . 662, 664, 669, 676, 677, 679–683, 694, 709, 711
48 -8M0151228 . . . . . 662, 664, 669, 679, 680, 694, 709, 711
48 -8M0151229 662, 664, 669, 675, 677, 679–683, 694, 695, 709, 711
48 -8M0151230 . . . . . 662, 664, 669, 679, 680, 692–694, 709, 711
48 -8M0151231 . . 662, 664, 669, 672–675, 677, 679–683, 692–695, 709, 711
48 -8M0151233 662, 664, 669, 672–675, 677–683, 692–695, 709, 711
48 -8M0151234 . . . . . 662, 664, 669, 679, 680, 692–694, 709, 711
48 -8M0151235 662, 664, 669, 672–675, 677–683, 692–695, 709, 711
48 -8M0151237 662, 664, 669, 672–675, 677–683, 692–695, 709, 711
48 -8M0151238 . . . . . 662, 664, 669, 679, 680, 692–694, 709, 711
48 -8M0151239 662, 664, 669, 672–675, 677–683, 692–695, 709, 711
48 -8M0151241 662, 664, 669, 672–675, 677–683, 692–695, 709, 711
48 -8M0151242 . . . . . 662, 664, 669, 679, 680, 692–694, 709, 711
48 -8M0151243 . . . . 662, 664, 669, 672–675, 677–680, 682, 683, 692–695, 709, 711
48 -8M0151245 . . 662, 664, 669, 672–675, 678–680, 682, 692–695, 709, 711
48 -8M0151250 . . . . . 663, 665, 669, 679, 680, 691–693, 709, 711
48 -8M0151251 . . 663, 665, 669, 672, 679, 680, 691–693, 709, 711
48 -8M0151252 . . . . . 663, 665, 669, 679, 680, 691–693, 709, 711
48 -8M0151253 . . 663, 665, 669, 672, 679, 680, 691–693, 709, 711
48 -8M0151254 . . . . . 663, 665, 669, 679, 691–693, 709, 711
48 -8M0151255 . . . . . 663, 665, 669, 672, 679, 690–693, 709, 711
48 -8M0151256 . . . . . 662, 665, 669, 679, 691–693, 709, 711
48 -8M0151257 . . . . . 662, 665, 669, 672, 679, 690–693, 709, 711
48 -8M0151258 . . . . . 662, 665, 669, 679, 691–693, 709, 711
48 -8M0151259 . . . . . 662, 669, 672, 679, 690–693, 709, 711
48 -8M0151260 . . . . . 662, 665, 669, 679, 691–693, 709, 711
48 -8M0151261 . . . . . 662, 669, 672, 679, 690–693, 709, 711
48 -8M0151262 . . . . . 662, 664, 669, 679, 691–693, 709, 711
48 -8M0151263 . . . . . 662, 665, 669, 672, 679, 690–693, 709, 711
48 -8M0151270 . . . . . 663, 669, 687–690, 709, 712
48 -8M0151271 . . . . . 663, 669, 687–690, 709, 712
48 -8M0151272 . . . . . 663, 669, 687–690, 709, 712
48 -8M0151273 . . . . . 663, 669, 687–689, 709, 712
48 -8M0151274 . . . . . 663, 669, 687, 688, 709, 712
48 -8M0151275 . . . . . 663, 669, 687, 688, 709, 712
48 -8M0151278 . . . . . 669, 687–689, 709, 713
48 -8M0151279 . . . . . 663, 669, 687–689, 709, 713
48 -8M0151280 . . . . . 663, 669, 687–689, 709, 713
48 -8M0151281 . . . . . 663, 669, 687, 688, 709, 713

48 -8M0151290 . . . . . 663, 664, 669, 709, 715
48 -8M0151291 . . . . . 663, 664, 669, 709, 715
48 -8M0151292 . . . . . 663, 664, 669, 709, 715
48 -8M0151301 . . . . . 663, 665, 669, 680, 681, 692–694, 709, 715
48 -8M0151302 . . . . . 663, 665, 669, 680, 681, 691–694, 709, 715
48 -8M0151303 . . . . . 663, 665, 669, 680, 681, 692–694, 709, 715
48 -8M0151304 . . . . . 663, 665, 669, 680, 681, 691–694, 709, 715
48 -8M0151307 . . . . . 663, 665, 669, 680, 681, 692–694, 709, 715
48 -8M0151308 . . . . . 663, 665, 669, 680, 681, 691–694, 709, 715
48 -8M0151309 . . . . . 663, 665, 669, 680, 681, 692–694, 709, 715
48 -8M0151310 . . . . . 663, 665, 669, 680, 681, 691–694, 709, 715
48 -8M0151311 . . . . . 663, 665, 669, 681, 692–694, 709, 715
48 -8M0151312 . . . . . 663, 665, 669, 681, 691–694, 709, 715
48 -8M0151313 . . . . . 663, 665, 669, 681, 691, 709, 716
48 -8M0151314 . . . . . 663, 665, 670, 679–681, 691–693, 709, 711
48 -8M0151315 663, 665, 670, 672, 673, 679–681, 691–693, 709, 711
48 -8M0151316 . . . . . 663, 665, 670, 679–681, 691–693, 709, 711
48 -8M0151317 663, 665, 670, 672, 673, 679–681, 691–693, 709, 711
48 -8M0151318 . . . . . 663, 665, 670, 679–681, 691–693, 709, 711
48 -8M0151319 663, 665, 670, 672, 673, 679–681, 691–693, 709, 711
48 -8M0151320 . . . . . 663, 665, 670, 679, 680, 691–693, 709, 711
48 -8M0151321 663, 665, 670, 672, 673, 679, 680, 691–693, 709, 711
48 -8M0151322 . . . . . 663, 665, 670, 679, 680, 691–693, 710, 712
48 -8M0151323 663, 665, 670, 672, 673, 679, 680, 691–693, 710, 712
48 -8M0151324 . . . . . 663, 665, 669, 679, 680, 691–693, 710, 712
48 -8M0151325 663, 665, 669, 672, 673, 679, 680, 691–693, 710, 712
48 -8M0151326 . . . . . 663, 665, 669, 679, 680, 691–693, 710, 712
48 -8M0151327 663, 665, 669, 672, 673, 679, 680, 691–693, 710, 712
48 -8M0151328 . . . . . 663, 665, 669, 679, 680, 692, 693, 710, 712
48 -8M0151329 663, 665, 669, 672, 673, 679, 680, 691–693, 710, 712
48 -8M0151330 . . . . . 665, 710, 713
48 -8M0151331 . . . . . 665, 710, 713
48 -8M0151332 . . . . . 665, 710, 713
48 -8M0151333 . . . . . 665, 710, 713
48 -8M0151334 . . . . . 665, 710, 713
48 -8M0151335 . . . . . 665, 710, 713
48 -8M0151336 . . . . . 665, 710, 713
48 -8M0151337 . . . . . 665, 710, 713
48 -8M0151338 . . . . . 665, 710, 713
48 -8M0151339 . . . . . 665, 710, 714
48 -8M0151340 . . . . . 665, 710, 714
48 -8M0151341 . . . . . 665, 710, 714
48 -8M0151352 . . . . . 661, 705
48 -8M0151353 . . . . . 661, 705
48 -8M0151354 . . . . . 661, 705
48 -8M0151355 . . . . . 661, 705
48 -8M0151356 . . . . . 661, 705
48 -8M0151357 . . . . . 661, 705
48 -8M0151358 . . . . . 661, 705
48 -8M0151359 . . . . . 661, 706
48 -8M0151360 . . . . . 661, 668, 676, 683–686, 695–698, 710, 714
48 -8M0151361 661, 667, 675–678, 683–686, 690, 695–698, 710, 714
48 -8M0151362 661, 667, 675–678, 683–685, 690, 695–697, 710, 714
48 -8M0151363 661, 667, 675–678, 683, 684, 690, 695, 696, 710, 714
48 -8M0151364 . . 661, 667, 675–678, 683, 684, 690, 695, 710, 714
48 -8M0151380 . . 663, 669, 672–676, 689, 690, 694, 696, 710, 714
48 -8M0151381 . . 663, 669, 672–676, 689, 690, 694, 696, 710, 714
48 -8M0151382 . . 663, 669, 672–676, 689, 690, 694, 696, 710, 714
48 -8M0151383 . . 663, 669, 672–676, 688–690, 694, 695, 710, 714
48 -8M0151384 . . . . 663, 669, 672, 673, 675, 676, 687–690, 694, 695, 710, 714
48 -8M0151385 . . . . . 663, 669, 675, 687–690, 694, 710, 714
48 -8M0151386 . . . . . 663, 669, 675, 687–689, 694, 710, 714
48 -8M0151387 . . . . . 663, 669, 687, 688, 710, 714
48 -8M0151388 . . . . . 663, 669, 687, 688, 710, 714
48 -8M0151389 . . . . . 662, 663, 668, 669, 710, 714
48 -8M0151390 . . . . . 662, 663, 668, 669, 710, 714
48 -8M0151391 . . . . . 661, 663, 668, 669, 710, 715
48 -8M0151392 . . . . . 661, 663, 668, 669, 710, 715
48 -8M0151393 . . . . . 661, 663, 668, 669, 710, 715
48 -8M0151394 . . . . . 661, 663, 668, 669, 710, 715
48 -8M0151395 . . . . . 661, 663, 668, 669, 710, 715
48 -8M0151397 . . . . . 661, 668, 686, 710, 716
48 -8M0151398 661, 668, 676–678, 683, 684, 686, 695, 696, 710, 716
48 -8M0151399 661, 668, 676–678, 683, 684, 686, 695, 696, 710, 716
48 -8M0151400 . . 661, 668, 675–678, 683, 684, 695, 696, 710, 716
48 -8M0151401 . . 661, 668, 675–678, 683, 684, 695, 696, 710, 716
48 -8M0151402 . . 661, 668, 675–678, 683, 684, 695, 696, 710, 716
48 -8M0151403 . . . . . 662, 664, 668, 710, 716
48 -8M0151404 . . . . . 662, 664, 668, 710, 716
48 -8M0151405 . . . . . 662, 664, 668, 677, 696, 710, 716
48 -8M0151406 . . . . . 662, 664, 668, 710, 716
48 -8M0151407 . . . . . 662, 664, 668, 677, 696, 716
48 -8M0151408 . . . . . 662, 664, 668, 677, 696, 710, 716
8M0151469 239
8M0151470 239
97 -8M0151540 184
97 -8M0151541 . . . . . 184, 187, 249
98 -8M0151554 595
98 -8M0151555 595
98 -8M0151558 595
98 -8M0151559 595
98 -8M0151560 594
98 -8M0151561 593
98 -8M0151563 595
98 -8M0151564 594
98 -8M0151565 595
98 -8M0151566 595
84 -8M0151976 34
84 -8M0151977 34
84 -8M0151978 34
84 -8M0151979 34
48 -8M0152522 709
92 -8M0152563 . . . . . 280, 281
92 -8M0152564 . . . . . 280, 281
92 -8M0152565 . . . . . 280, 281
67 -8M0152596 225
67 -8M0152598 225
67 -8M0152600 225
67 -8M0152601 225
48 -8M0152624 . . . . . 725, 742
57 -8M0153039 250
8M0153154 615
84 -8M0153356 . . . . . 366, 551

8M0153486 . . . . . 142, 148
8M0153670 . . . . . 142, 148
8M0153671 . . . . . 142, 148
8M0153980 498
8M0154660 76
84 -8M0154726 . . . . . 505, 591
84 -8M0154727 . . . . . 505, 591
84 -8M0154728 . . . . . 505, 591
84 -8M0154729 . . . . . 505, 591
84 -8M0154730 . . . . . 505, 591
84 -8M0154731 . . . . . 505, 591
84 -8M0154732 . . . . . 505, 591
84 -8M0154733 . . . . . 505, 591
84 -8M0154734 . . . . . 505, 591
48 -8M0154967 . . . . . 735, 746
48 -8M0154968 . . . . . 735, 746
48 -8M0154969 . . . . . 736, 746
48 -8M0154970 . . . . . 736, 746
48 -8M0155023 . . . . . 665, 706, 797, 809
48 -8M0155024 . . . . . 665, 706, 797, 809
48 -8M0155025 . . . . . 665, 706, 797, 809
48 -8M0155026 . . . . . 665, 706, 797, 809
48 -8M0155027 . . . . . 665, 706, 797, 809
48 -8M0155028 . . . . . 665, 706, 797, 809
48 -8M0155029 . . . . . 665, 706, 797, 809
48 -8M0155030 . . . . . 665, 706, 797, 809
98 -8M0155341 537
48 -8M0155383 . . . . . 736, 746
48 -8M0155384 . . . . . 736, 746
48 -8M0155385 . . . . . 736, 746
48 -8M0155386 . . . . . 736, 746
8M0155395 230
48 -8M0155573 . . . . . 735, 746
48 -8M0155574 . . . . . 735, 746
48 -8M0155575 . . . . . 736, 746
48 -8M0155576 . . . . . 735, 746
48 -8M0155582 . . . . . 735, 746
48 -8M0155583 . . . . . 735, 746
84 -8M0156168 605
62 -8M0156326 890
62 -8M0156327 890
62 -8M0156328 890
62 -8M0156331 890
62 -8M0156332 890
48 -8M0156434 . . . . . 730, 744
48 -8M0156435 730
48 -8M0156436 . . . . . 730, 744
48 -8M0156437 . . . . . 730, 744
48 -8M0156438 730
48 -8M0156439 . . . . . 730, 744
48 -8M0156440 . . . . . 730, 744
48 -8M0156441 . . . . . 730, 744
48 -8M0156444 . . . . . 730, 744
48 -8M0156445 . . . . . 730, 744
48 -8M0156446 . . . . . 730, 744
48 -8M0156447 . . . . . 730, 744
48 -8M0156448 . . . . . 730, 744
48 -8M0156449 . . . . . 730, 744
48 -8M0156450 . . . . . 730, 744
48 -8M0156451 . . . . . 730, 744
48 -8M0156454 730
48 -8M0156455 . . . . . 730, 744
48 -8M0156456 . . . . . 730, 744
48 -8M0156457 . . . . . 730, 744
48 -8M0156458 . . . . . 730, 744
48 -8M0156459 . . . . . 730, 744
48 -8M0156460 . . . . . 730, 744
48 -8M0156461 . . . . . 730, 744
48 -8M0156464 . . . . . 730, 744
48 -8M0156465 . . . . . 730, 744
48 -8M0156466 . . . . . 730, 744
48 -8M0156467 . . . . . 730, 744
48 -8M0156468 . . . . . 730, 744
48 -8M0156469 . . . . . 730, 744
48 -8M0156470 . . . . . 730, 744
48 -8M0156471 . . . . . 730, 744
48 -8M0156474 . . . . . 730, 744
48 -8M0156475 . . . . . 730, 744
48 -8M0156476 . . . . . 730, 744
48 -8M0156477 . . . . . 730, 744
48 -8M0156478 . . . . . 730, 744
48 -8M0156479 . . . . . 730, 744
48 -8M0156480 . . . . . 730, 744
48 -8M0156481 . . . . . 730, 744
48 -8M0156484 . . . . . 730, 744
48 -8M0156485 . . . . . 730, 744
48 -8M0156486 . . . . . 730, 744
48 -8M0156487 . . . . . 730, 744
48 -8M0156488 . . . . . 730, 744
48 -8M0156489 . . . . . 730, 744
48 -8M0156490 . . . . . 730, 744
48 -8M0156491 . . . . . 730, 744
48 -8M0156494 . . . . . 731, 744
48 -8M0156495 . . . . . 731, 744
48 -8M0156496 . . . . . 731, 744
48 -8M0156497 . . . . . 731, 744
48 -8M0156498 . . . . . 731, 744
48 -8M0156499 . . . . . 731, 744
48 -8M0156500 . . . . . 731, 744
48 -8M0156501 . . . . . 731, 744
48 -8M0156504 . . . . . 731, 744
48 -8M0156505 . . . . . 731, 744
48 -8M0156506 . . . . . 731, 744
48 -8M0156507 . . . . . 731, 744
48 -8M0156508 . . . . . 731, 744
48 -8M0156509 . . . . . 731, 744
48 -8M0156510 . . . . . 731, 744
48 -8M0156511 . . . . . 731, 744
48 -8M0156514 . . . . . 731, 744
48 -8M0156515 . . . . . 731, 744
48 -8M0156516 . . . . . 731, 744
48 -8M0156517 . . . . . 731, 744
48 -8M0156518 . . . . . 731, 744
48 -8M0156519 . . . . . 731, 744

48 -8M0156520 . . . . . 731, 744
48 -8M0156521 . . . . . 731, 744
48 -8M0156524 . . . . . 731, 744
48 -8M0156525 . . . . . 731, 744
48 -8M0156526 . . . . . 731, 744
48 -8M0156527 . . . . . 731, 744
48 -8M0156528 . . . . . 731, 744
48 -8M0156529 . . . . . 731, 744
48 -8M0156530 . . . . . 731, 744
48 -8M0156531 . . . . . 731, 744
48 -8M0156534 . . . . . 731, 744
48 -8M0156535 . . . . . 731, 744
48 -8M0156536 . . . . . 731, 744
48 -8M0156537 . . . . . 731, 744
48 -8M0156538 . . . . . 731, 744
48 -8M0156539 . . . . . 731, 744
48 -8M0156540 . . . . . 731, 744
48 -8M0156541 . . . . . 731, 744
48 -8M0156544 . . . . . 731, 744
48 -8M0156545 . . . . . 731, 744
48 -8M0156546 . . . . . 731, 744
48 -8M0156547 . . . . . 731, 744
48 -8M0156548 . . . . . 731, 744
48 -8M0156549 . . . . . 731, 744
48 -8M0156550 . . . . . 731, 744
48 -8M0156551 . . . . . 731, 744
48 -8M0156787 . . . . . 736, 746
48 -8M0156788 . . . . . 736, 746
62 -8M0156990 890
62 -8M0156991 890
62 -8M0156992 890
84 -8M0157078 386
84 -8M0157080 386
35 -8M0157133 . . . . . 75, 230, 231
84 -8M0157213 501
84 -8M0157214 501
84 -8M0157215 501
84 -8M0157216 501
84 -8M0157217 501
84 -8M0157218 501
84 -8M0157219 501
84 -8M0157220 501
84 -8M0157222 502
33 -8M0157328 . . . . . 12, 233
87 -8M0157375 561
8M0157616 . . . . . 77, 236, 237
8M0157707 81
48 -8M0157711 . . . . . 736, 746
48 -8M0157712 . . . . . 736, 746
98 -8M0157716 498
8M0157779 79
48 -8M0157785 742
48 -8M0157786 742
48 -8M0157787 742
48 -8M0157788 742
8M0157844 220
84 -8M0158087 504
84 -8M0158088 504
84 -8M0158089 504
84 -8M0158090 504
84 -8M0158127 578
8M0158400 593
98 -8M0158580 162
48 -8M0159338 . . . . . 737, 746
48 -8M0159339 . . . . . 737, 746
48 -8M0159340 . . . . . 737, 746
48 -8M0159341 . . . . . 737, 746
98 -8M0159447 593
98 -8M0159449 593
98 -8M0159451 593
98 -8M0159453 593
98 -8M0159456 593
98 -8M0159458 593
98 -8M0159460 593
84 -8M0159746 500
84 -8M0159747 500
84 -8M0159748 500
84 -8M0159749 500
84 -8M0159751 502
84 -8M0159752 502
84 -8M0159753 503
84 -8M0159754 503
84 -8M0159755 503
84 -8M0159756 503
84 -8M0159758 503
84 -8M0159759 503
84 -8M0159760 503
84 -8M0159761 503
84 -8M0159763 503
84 -8M0159764 503
84 -8M0159765 503
84 -8M0159766 503
84 -8M0159767 503
84 -8M0159768 503
84 -8M0159769 503
48 -8M0159882 . . . . . 735, 746
48 -8M0159883 . . . . . 735, 746
48 -8M0159892 . . . . . 736, 746
48 -8M0159893 . . . . . 736, 746
48 -8M0159953 . . . . . 735, 746
48 -8M0159954 . . . . . 735, 746
48 -8M0159955 . . . . . 736, 746
48 -8M0159956 . . . . . 736, 746
48 -8M0159972 . . . . . 736, 746
48 -8M0159973 . . . . . 736, 746
48 -8M0159974 . . . . . 737, 746
48 -8M0159975 . . . . . 737, 746
48 -8M0159976 . . . . . 737, 746
48 -8M0159977 . . . . . 737, 746
48 -8M0159978 . . . . . 737, 746
48 -8M0159979 . . . . . 737, 746
48 -8M0160037 . . . . . 736, 746
48 -8M0160038 . . . . . 736, 746
48 -8M0160039 . . . . . 736, 746

48 -8M0160040 . . . . . 736, 746
48 -8M0160041 . . . . . 737, 746
48 -8M0160042 . . . . . 737, 746
48 -8M0160043 . . . . . 737, 746
48 -8M0160044 . . . . . 737, 746
48 -8M0160045 . . . . . 737, 746
48 -8M0160046 . . . . . 737, 746
48 -8M0160051 . . . . . 736, 746
48 -8M0160052 . . . . . 736, 746
48 -8M0160053 . . . . . 735, 746
48 -8M0160054 . . . . . 735, 746
48 -8M0160055 . . . . . 735, 746
48 -8M0160056 . . . . . 735, 746
48 -8M0160057 . . . . . 735, 746
48 -8M0160058 . . . . . 735, 746
48 -8M0160105 . . . . . 737, 746
48 -8M0160106 . . . . . 736, 746
48 -8M0160111 . . . . . 737, 746
48 -8M0160112 . . . . . 737, 746
48 -8M0160113 . . . . . 737, 746
48 -8M0160114 . . . . . 737, 746
48 -8M0160120 . . . . . 735, 746
48 -8M0160121 . . . . . 735, 746
48 -8M0160122 . . . . . 736, 746
48 -8M0160123 . . . . . 736, 746
48 -8M0160127 . . . . . 735, 746
48 -8M0160128 . . . . . 735, 746
48 -8M0160129 . . . . . 735, 746
48 -8M0160130 . . . . . 735, 746
48 -8M0160131 . . . . . 735, 746
48 -8M0160132 . . . . . 735, 746
48 -8M0160483 . . . . . 737, 746
48 -8M0160484 . . . . . 737, 746
48 -8M0160485 . . . . . 737, 746
48 -8M0160486 . . . . . 737, 746
48 -8M0160487 . . . . . 737, 746
48 -8M0160488 . . . . . 737, 746
48 -8M0160538 . . . . . 735, 746
48 -8M0160539 . . . . . 735, 746
48 -8M0160540 . . . . . 735, 746
48 -8M0160541 . . . . . 735, 746
48 -8M0160542 . . . . . 735, 746
48 -8M0160543 . . . . . 735, 746
48 -8M0160581 . . . . . 737, 746
48 -8M0160582 . . . . . 737, 746
48 -8M0160583 . . . . . 737, 746
48 -8M0160584 . . . . . 737, 746
48 -8M0160585 . . . . . 737, 746
48 -8M0160586 . . . . . 737, 746
48 -8M0160589 . . . . . 735, 746
48 -8M0160590 . . . . . 735, 746
48 -8M0160591 . . . . . 735, 746
48 -8M0160592 . . . . . 735, 746
48 -8M0160593 . . . . . 735, 746
48 -8M0160594 . . . . . 735, 746
48 -8M0160652 . . . . . 737, 746
48 -8M0160653 . . . . . 737, 746
48 -8M0160654 . . . . . 737, 746
48 -8M0160655 . . . . . 737, 746
48 -8M0160656 . . . . . 737, 746
48 -8M0160657 . . . . . 737, 746
48 -8M0160659 . . . . . 735, 746
48 -8M0160660 . . . . . 735, 746
48 -8M0160661 . . . . . 735, 746
48 -8M0160662 . . . . . 735, 746
48 -8M0160737 . . . . . 737, 746
48 -8M0160738 . . . . . 737, 746
48 -8M0160739 . . . . . 737, 746
48 -8M0160740 . . . . . 737, 746
48 -8M0160741 . . . . . 737, 746
48 -8M0160742 . . . . . 737, 746
48 -8M0160751 . . . . . 735, 746
48 -8M0160752 . . . . . 735, 746
48 -8M0160803 . . . . . 737, 746
48 -8M0160804 . . . . . 737, 746
48 -8M0160805 . . . . . 737, 746
48 -8M0160806 . . . . . 737, 746
48 -8M0160807 . . . . . 737, 746
48 -8M0160808 . . . . . 737, 746
48 -8M0160826 . . . . . 736, 746
48 -8M0160827 . . . . . 736, 746
48 -8M0160828 . . . . . 737, 746
48 -8M0160829 . . . . . 737, 746
48 -8M0160830 . . . . . 737, 746
48 -8M0160831 . . . . . 737, 746
48 -8M0160832 . . . . . 737, 746
48 -8M0160833 . . . . . 737, 746
48 -8M0160834 . . . . . 737, 746
48 -8M0160835 . . . . . 737, 746
48 -8M0160836 . . . . . 737, 746
48 -8M0160837 . . . . . 737, 746
48 -8M0160850 . . . . . 735, 746
48 -8M0160851 . . . . . 735, 746
48 -8M0160852 . . . . . 737, 746
48 -8M0160853 . . . . . 737, 746
48 -8M0160854 . . . . . 737, 746
48 -8M0160855 . . . . . 737, 746
48 -8M0160856 . . . . . 736, 746
48 -8M0160857 . . . . . 736, 746
48 -8M0160858 . . . . . 736, 746
48 -8M0160859 . . . . . 736, 746
48 -8M0160860 . . . . . 736, 746
48 -8M0160861 . . . . . 736, 746
22 -8M0161199 494
62 -8M0161869 890
8M0161902 506
8M0161904 506
8M0161907 506
8M0161908 506
8M0161909 506
8M0162139 . . . . . 83, 237, 360
56 -8M0162160 . . . . . 58, 309
8M0162224 596
8M0162225 596

11 -8M0162394 571
8M0162395 572
35 -8M0162829 . . . . . 89, 335, 339, 346
35 -8M0162830 . . . . . 90, 231–233, 285, 286, 335, 339
35 -8M0162831 89
35 -8M0162832 . . . . . 89, 230, 231, 285, 286, 329, 331, 333
48 -8M0162875 . . . . . 727, 743
48 -8M0162876 . . . . . 727, 743
48 -8M0162877 . . . . . 727, 743
48 -8M0162878 . . . . . 727, 743
48 -8M0162879 . . . . . 727, 743
48 -8M0162880 . . . . . 727, 743
48 -8M0162881 . . . . . 727, 743
48 -8M0162882 . . . . . 727, 743
48 -8M0162883 . . . . . 727, 743
48 -8M0162884 . . . . . 727, 743
62 -8M0162896 890
62 -8M0162897 890
62 -8M0162898 890
62 -8M0162899 890
62 -8M0162900 888
62 -8M0162901 888
62 -8M0162902 888
62 -8M0162903 888
62 -8M0162904 888
62 -8M0162905 888
62 -8M0162906 889
62 -8M0162907 889
62 -8M0162908 889
62 -8M0162909 889
8M0163132 243
22 -8M0163134 164
84 -8M0163378 578
84 -8M0163379 577
84 -8M0163380 578
84 -8M0163381 504
84 -8M0163382 504
84 -8M0163383 504
84 -8M0163384 504
84 -8M0163385 504
84 -8M0163386 504
48 -8M0163488 . . . . . 736, 746
48 -8M0163489 . . . . . 736, 746
48 -8M0163490 . . . . . 736, 746
48 -8M0163491 . . . . . 736, 746
48 -8M0163492 . . . . . 736, 746
48 -8M0163493 . . . . . 736, 746
48 -8M0163513 . . . . . 736, 746
48 -8M0163514 . . . . . 736, 746
48 -8M0163515 . . . . . 736, 746
48 -8M0163516 . . . . . 736, 746
48 -8M0163517 . . . . . 736, 746
48 -8M0163518 . . . . . 736, 746
48 -8M0163521 . . . . . 736, 746
48 -8M0163522 . . . . . 736, 746
48 -8M0163523 . . . . . 736, 746
48 -8M0163524 . . . . . 736, 746
48 -8M0163525 . . . . . 736, 746
48 -8M0163526 . . . . . 736, 746
8M0163798 195
8M0163799 195
8M0163800 195
8M0163801 195
8M0163804 195
8M0163917 . . . . . 457, 496
98 -8M0164826 498
62 -8M0165061 890
62 -8M0165076 889
98 -8M0165540 501
98 -8M0165541 502
98 -8M0165544 501
98 -8M0165552 459
84 -8M0165555 . . . . . 525, 569
98 -8M0165557 . . . . . 525, 569
84 -8M0165559 578
84 -8M0165564 504
98 -8M0165589 404
98 -8M0165598 404
92 -8M0165791 281
92 -8M0165792 284
8M0166583 . . . . . 457, 496
8M0166584 . . . . . 457, 496
8M0166596 237
84 -8M0166624 . . . . . 527, 548
48 -8M0166979 717
48 -8M0166980 717
48 -8M0166981 717
48 -8M0166982 717
48 -8M0166983 717
48 -8M0166984 717
48 -8M0166985 717
48 -8M0166986 717
48 -8M0166987 717
48 -8M0166988 717
48 -8M0166989 717
48 -8M0166990 717
48 -8M0166991 717
48 -8M0166992 717
48 -8M0166993 717
48 -8M0166994 717
48 -8M0166995 717
48 -8M0166996 717
48 -8M0167001 718
48 -8M0167002 718
48 -8M0167003 718
48 -8M0167004 718
48 -8M0167005 718
48 -8M0167006 718
48 -8M0167007 718
48 -8M0167008 718
48 -8M0167009 718
48 -8M0167010 718
32 -8M0167281 601
32 -8M0167282 601

32 -8M0167284 . . . 601
32 -8M0167285 . . . 601
32 -8M0167287 . . . 601
32 -8M0167288 . . . 601
32 -8M0167289 . . . 601
32 -8M0167290 . . . 601
32 -8M0167291 . . . 601
32 -8M0167292 . . . 601
32 -8M0167293 . . . 601
32 -8M0167294 . . . 601
32 -8M0167295 . . . 602
32 -8M0167296 . . . 602
32 -8M0167297 . . . 602
32 -8M0167298 . . . 602
32 -8M0167299 . . . 602
48 -8M0167641 . . . 721, 740
48 -8M0167642 . . . 721, 740
48 -8M0167643 . . . 721, 740
48 -8M0167659 . . . 721, 740
48 -8M0167660 . . . 721, 740
48 -8M0167661 . . . 721, 740
48 -8M0167662 . . . 721, 740
48 -8M0167664 . . . 721, 740
48 -8M0167665 . . . 721, 740
48 -8M0167666 . . . 721, 740
48 -8M0167667 . . . 721, 740
48 -8M0167697 . . . 721, 740
48 -8M0167698 . . . 721, 740
48 -8M0167699 . . . 721, 740
48 -8M0167700 . . . 721, 740
48 -8M0167702 . . . 721, 740
48 -8M0167703 . . . 721, 740
48 -8M0167704 . . . 721, 740
48 -8M0167705 . . . 721, 740
45 -8M0168203 . . . 51
45 -8M0168204 . . . 52
45 -8M0168206 . . . 52
45 -8M0168208 . . . 52
45 -8M0168209 . . . 52
45 -8M0168210 . . . 52
8M0168223 . . . 26
35 -8M0168366 . . . 237
62 -8M0168453 . . . 889
62 -8M0168454 . . . 889
62 -8M0168455 . . . 890
8M0168463 . . . 490
8M0168892 . . . 232
35 -8M0168897 . . . 76
91 -8M0168921 . . . 639
91 -8M0169135 . . . 641
84 -8M0169292 . . . 504
84 -8M0169293 . . . 504
84 -8M0169294 . . . 504
84 -8M0169308 . . . 459
84 -8M0169311 . . . 459
98 -8M0169383 . . . 456
84 -8M0169399 . . . 459
84 -8M0169503 . . . 577
84 -8M0169506 . . . 577
98 -8M0169899 . . . 502
98 -8M0169904 . . . 502
98 -8M0169905 . . . 502
98 -8M0169906 . . . 502
98 -8M0169907 . . . 502
62 -8M0170209 . . . 890
67 -8M0170455 . . . 223
67 -8M0170456 . . . 224
67 -8M0171186 . . . 70
98 -8M0171388 . . . 459
84 -8M0171478 . . . 33
82 -8M0171627 . . . 525, 569
8M0171817 . . . 27
10 -8M0171826 . . . 58
10 -8M0171827 . . . 58
10 -8M0171828 . . . 58
10 -8M0171829 . . . 58
10 -8M0171830 . . . 58
10 -8M0171831 . . . 59
10 -8M0171832 . . . 59
10 -8M0171833 . . . 59
10 -8M0171834 . . . 59
10 -8M0171835 . . . 59
10 -8M0171836 . . . 59
10 -8M0171837 . . . 59
97 -8M0172259 . . . 96
8M0172447 . . . 238, 242
8M0172448 . . . 238, 242
8M0172938 . . . 471
8M0173049 . . . 847, 854
8M0173051 . . . 847, 854
67 -8M0173206 . . . 225
77 -8M0173267 . . . 499
84 -8M0173571 . . . 503
84 -8M0173572 . . . 503
84 -8M0173573 . . . 503
84 -8M0173574 . . . 503
84 -8M0173575 . . . 503
84 -8M0173576 . . . 503
84 -8M0173580 . . . 504
84 -8M0173581 . . . 504
84 -8M0173582 . . . 504
98 -8M0173694 . . . 386, 410
98 -8M0173696 . . . 386, 410
98 -8M0173703 . . . 386, 411
98 -8M0173704 . . . 386, 410
98 -8M0173751 . . . 502
98 -8M0173753 . . . 502
98 -8M0173754 . . . 502
98 -8M0173755 . . . 502
98 -8M0173880 . . . 502
98 -8M0173881 . . . 502
48 -8M0173918 . . . 725, 742
48 -8M0173919 . . . 725, 742
48 -8M0173920 . . . 725, 742

48 -8M0173921 . . . . . 725, 742
48 -8M0173922 . . . . . 725, 742
48 -8M0173923 . . . . . 725, 742
48 -8M0173924 . . . . . 725, 742
48 -8M0173925 725
48 -8M0173940 . . . . . 727, 742
48 -8M0173941 . . . . . 727, 742
48 -8M0173942 . . . . . 727, 742
48 -8M0173943 . . . . . 727, 742
48 -8M0173944 . . . . . 727, 742
48 -8M0173945 . . . . . 727, 742
48 -8M0173946 . . . . . 726, 742
48 -8M0173947 . . . . . 726, 742
48 -8M0173948 . . . . . 727, 743
48 -8M0173949 . . . . . 727, 743
48 -8M0173950 . . . . . 727, 743
48 -8M0173951 . . . . . 727, 743
48 -8M0173952 . . . . . 727, 743
48 -8M0173953 . . . . . 727, 743
48 -8M0173954 . . . . . 728, 743
48 -8M0173955 . . . . . 728, 743
88 -8M0174088 . . . . . 33, 589
23 -8M0174363 . . . . . 525, 569
84 -8M0175114 34
8M0175293 . . . . . 525, 569
8M0176287 464
8M0176288 464
8M0176289 466
8M0176291 464
8M0176294 464
8M0176295 464
8M0176297 464
8M0176362 538
8M0176522 248
8M0176525 248
33 -8M0176612 11
33 -8M0176613 114
33 -8M0176614 115
33 -8M0176616 10
33 -8M0176618 7
33 -8M0176619 9
33 -8M0176622 114
33 -8M0176625 7
33 -8M0176626 6
33 -8M0176627 6
33 -8M0176629 11
33 -8M0176631 9
33 -8M0176633 115
33 -8M0176634 114
33 -8M0176642 7
33 -8M0176649 114
33 -8M0176651 115
33 -8M0176653 10
33 -8M0176654 9
33 -8M0176655 10
33 -8M0176657 8
33 -8M0176659 7
33 -8M0176661 8
33 -8M0176665 5
33 -8M0176668 6
33 -8M0176669 5
33 -8M0176670 8
33 -8M0176673 10
33 -8M0176674 115
33 -8M0176677 . . . . . 9, 17
33 -8M0176678 . . . . . 9, 16–18
33 -8M0176681 8
33 -8M0176682 5
33 -8M0176683 10
33 -8M0176684 5
33 -8M0176690 5
33 -8M0176691 10
33 -8M0176692 8
8M0176702 20
84 -8M0176937 34
84 -8M0176939 34
84 -8M0176940 34
84 -8M0176942 34
84 -8M0176943 529
84 -8M0176944 529
10 -8M0176953 59
10 -8M0176954 59
98 -8M0177357 94
8M0177471 237
25 -8M0177478 237
27 -8M0177479 237
35 -8M0177646 237
8M0177662 . . . . . 83, 238
46 -8M0177997 238
8M0178012 489
57 -8M0178243 . . . . . 237, 238
33 -8M0178257 . . . . . 10, 238
84 -8M0178258 238
8M0178402 219
8M0178403 219
8M0178521 465
8M0178524 465
8M0178526 466
8M0178533 465
8M0178535 467
8M0178536 465
8M0178537 465
8M0178539 465
8M0179906 163
97 -8M0179981 237
8M0179987 242
8M0179988 242
8M0180081 93
91 -8M0180314 641
8M0180481 93
48 -8M0180533 701
92 -8M0180930 280
92 -8M0180931 280
92 -8M0180932 280

92 -8M0180933 282
92 -8M0180934 282
92 -8M0180935 282
92 -8M0180936 282
92 -8M0180937 282
92 -8M0180938 282
97 -8M0181304 93
92 -8M0181583 311
92 -8M0181584 310
92 -8M0181585 311
33 -8M0181926 19
8M0182202 237
48 -8M0182941 712
48 -8M0182942 712
48 -8M0182943 712
48 -8M0182944 712
48 -8M0182945 712
48 -8M0182946 712
48 -8M0182947 712
48 -8M0182948 712
48 -8M0182949 712
48 -8M0182950 712
48 -8M0182951 712
48 -8M0182952 712
48 -8M0182953 712
48 -8M0182954 712
48 -8M0182955 712
48 -8M0182956 712
48 -8M0182957 712
48 -8M0182958 712
48 -8M0182959 712
48 -8M0182960 712
48 -8M0182961 712
48 -8M0182962 712
8M0182969 712
8M0182970 712
35 -8M0183282 . . . . . 249, 294
26 -8M0183616 304
92 -8M0184794 296
48 -8M0185635 705
48 -8M0185636 705
48 -8M0185637 705
48 -8M0185638 705
48 -8M0185640 705
48 -8M0185642 804
48 -8M0185643 804
48 -8M0185644 804
48 -8M0185645 804
48 -8M0185647 804
10 -8M0185652 237
10 -8M0185653 237
10 -8M0185654 237
10 -8M0185655 237
92 -8M0185748 308
92 -8M0185749 308
79 -8M0185891 389
79 -8M0185892 389
79 -8M0185893 390
79 -8M0185894 390
79 -8M0185895 391
79 -8M0185906 392
79 -8M0185917 389
79 -8M0185918 389
84 -8M0187441 504
8M0188305 195
8M0188312 195
8M0189676 . . . . . 456, 496
8M0191800 641
84 -8M0192269 . . . . . 210, 459
84 -8M0192270 . . . . . 210, 460
84 -8M0192271 . . . . . 210, 460
8M0192279 858
8M0193968 . . . . . 150, 155
47 -8M0200136 237
8M0200168 237
8M0200172 237
8M0200174 237
8M0202721 166
94 -8M0203820 110
94 -8M0203821 110
94 -8M0203822 110
94 -8M0203823 110
94 -8M0203824 110
94 -8M0203825 110
12 -8M0204648 58
22 -8M0204652 . . . . . 71, 80
11 -8M0204653 861
47 -8M0204676 230
33 -8M0204682 . . . . . 7, 11, 230, 231
26 -8M0204693 237
54 -8M0204696 360
86 -8M0204701 553
12 -8M0204704 58
32 -8M0204713 . . . . . 48, 473
8M0204724 865
33 -8M0204728 . . . . . 12, 232–234
85 -8M0204731 . . . . . 33, 586
22 -8M0204732 70
33 -8M0204739 . . . . . 115–119, 245–247
8M0204742 537
37 -8M0204800 110
37 -8M0204801 110
37 -8M0204802 110
97 -8M0204939 237
8M0205046 523
8M0205186 237
8M0205215 237
92 -8M0205371 274
35 -8M0205848 237
92 -8M0206940 259
92 -8M0206948 259
92 -8M0206950 263
92 -8M0206952 263
92 -8M0206953 . . . . . 263, 264

92 -8M0206954 . . . . . 263, 264
92 -8M0206955 . . . . . 263, 264
92 -8M0206956 . . . . . 263, 265
92 -8M0206992 269
92 -8M0206994 273
92 -8M0206995 263
92 -8M0206996 . . . . . 263, 264
92 -8M0206997 264
92 -8M0206998 264
92 -8M0207010 268
92 -8M0207011 269
92 -8M0207031 269
92 -8M0207032 269
92 -8M0207033 269
92 -8M0207034 269
92 -8M0207035 271
92 -8M0207036 266
92 -8M0207037 . . . . . 259, 260
92 -8M0207038 273
92 -8M0207039 271
92 -8M0207040 271
88 -8M0207796 587
88 -8M0207797 587
8M0207807 237
97 -8M0207809 237
92 -8M0207813 259
92 -8M0207814 259
92 -8M0207815 267
92 -8M0207816 272
92 -8M0207817 272
8M0208458 500
92 -8M0208462 306
92 -8M0208463 . . . . . 305, 876
92 -8M0208464 . . . . . 305, 876
92 -8M0208465 . . . . . 305, 876
92 -8M0208805 306
92 -8M0208806 306
92 -8M0213123 . . . . . 305, 876
85 -8M0214913 586
85 -8M0214914 586
8M0214940 590
14 -8M0214942 865
8M0214969 . . . . . 392, 405
8M0214972 862
19 -8M0214985 872
18 -8M0214988 863
92 -8M0215162 296
8M0215915 254
8M0215916 255
8M0215917 255
91 -8M2001017 640
84 -8M2004357 515
8M2004360 512
8M2004362 512
22 -8M2007090 494
88 -8M2011907 589
8M2011935 517
21 -8M2017060 245–247
87 -8M3001384 518
98 -8M3800000 513
8M4507538 462
8M4507539 463
8M4507540 462
8M4507541 462
84 -8M6000699 509
84 -8M6000701 511
84 -8M6000703 511
86 -8M6000708 538
22 -8M6000760 614
22 -8M6000771 614
22 -8M6001381 614
22 -8M6001390 615
22 -8M6001392 615
84 -8M6001454 511
84 -8M6001455 511
84 -8M6001456 511
22 -8M6001488 494
22 -8M6001495 494
22 -8M6001497 494
88 -8M6001960 589
35 -8M6002131 249
8M6002180 490
22 -8M6002264 494
8M6002274 . . . . . 249, 250
8M6002359 . . . . . 398, 408, 571
35 -8M6002390 . . . . . 174, 250
35 -8M6002552 250
79 -8M6002607 396
8M6002740 198
8M6002741 198
8M6003460 385
8M6003662 404
8M6003663 404
8M6003706 384
8M6003707 384
8M6003709 618
8M6003710 597
35 -8M6004711 249
79 -8M6004807 533
8M6004830 538
8M6004831 538
32 -8M6004888 . . . . . 493, 606
8M6005011 383
8M6005014 384
8M6005019 384
8M6005025 384
8M6005108 383
8M6005109 384
87 -8M6005583 584
87 -8M6005584 . . . . . 33, 584
98 -8M6007933 569
98 -8M6007934 569
98 -8M6007937 570
98 -8M6007938 570

98 -8M6007943 . . . 570
98 -8M6007944 . . . 570
98 -8M6009518 . . . 535
98 -8M6009519 . . . 535
8M6010621 . . . 63
8M6010622 . . . 63
8M6010623 . . . 63
8M6010624 . . . 63
22 -8M6010625 . . . 63
22 -8M6010626 . . . 63
22 -8M6010627 . . . 63
22 -8M6010628 . . . 63
87 -8M6010629 . . . 64
87 -8M6010630 . . . 64
87 -8M6010631 . . . 64
8M6010632 . . . 65
87 -8M6010633 . . . 65
87 -8M6010634 . . . 65
87 -8M6010635 . . . 64
87 -8M6010636 . . . 64
8M6010637 . . . 64
8M6010638 . . . 64
8M6010639 . . . 64
22 -8M6010762 . . . 64
22 -8M6010763 . . . 64
22 -8M6010764 . . . 64
22 -8M6010765 . . . 63
8M6012227 . . . 535
8M8020356 . . . 210
8M8021162 . . . 208
48 -8M8021430 . . . 719
48 -8M8021440 . . . 719
48 -8M8021450 . . . 719
48 -8M8021460 . . . 719
48 -8M8021470 . . . 719
48 -8M8021480 . . . 719
48 -8M8021490 . . . 719
48 -8M8021500 . . . 719
48 -8M8021510 . . . 719
48 -8M8021520 . . . 719
48 -8M8021530 . . . 720
48 -8M8021540 . . . 720
48 -8M8021550 . . . 720
48 -8M8021560 . . . 720
48 -8M8021590 . . . 720
48 -8M8021600 . . . 720
48 -8M8021610 . . . 720
48 -8M8021620 . . . 720
48 -8M8021630 . . . 720
48 -8M8021640 . . . 720
48 -8M8021650 . . . 720
48 -8M8021660 . . . 720
48 -8M8021670 . . . 720
48 -8M8021680 . . . 720
48 -8M8021690 . . . 720
48 -8M8021700 . . . 720
8M8022198 . . . 209
8M8022263 . . . 208, 855
48 -8M8022340 . . . 666, 719
48 -8M8022349 . . . 666, 718
48 -8M8022350 . . . 666, 719
48 -8M8022359 . . . 666, 718
48 -8M8022360 . . . 666, 719
48 -8M8022369 . . . 666, 718
48 -8M8022370 . . . 666, 719
48 -8M8022379 . . . 666, 718
48 -8M8022380 . . . 666, 719
48 -8M8022389 . . . 666, 718
48 -8M8022390 . . . 666, 719
48 -8M8022399 . . . 666, 718
48 -8M8022400 . . . 666, 719
48 -8M8022409 . . . 666, 718
48 -8M8022410 . . . 666, 719
48 -8M8022419 . . . 666, 718
48 -8M8022420 . . . 666, 719
48 -8M8022429 . . . 666, 718
48 -8M8022430 . . . 666, 719
48 -8M8022439 . . . 666, 718
48 -8M8022440 . . . 666, 719
48 -8M8022449 . . . 666, 718
48 -8M8022450 . . . 666, 719
48 -8M8022459 . . . 666, 718
48 -8M8022460 . . . 666, 719
48 -8M8022469 . . . 666, 718
48 -8M8022470 . . . 666, 719
48 -8M8022479 . . . 666, 718
48 -8M8023090 . . . 709
48 -8M8023100 . . . 709
48 -8M8023120 . . . 709
48 -8M8023140 . . . 709
48 -8M8023160 . . . 709
48 -8M8023180 . . . 709
8M8023320 . . . 207
8M8023358 . . . 207
8M8023359 . . . 207
48 -8M8023600 . . . 720
48 -8M8023610 . . . 720
8M8023624 . . . 206
8M8023625 . . . 206
8M8023626 . . . 206
8M8023627 . . . 206
8M8023731 . . . 203
8M8023733 . . . 203
8M8023735 . . . 203
8M8023737 . . . 203
8M8023739 . . . 203
8M8023741 . . . 203
48 -8M8023800 . . . 720
48 -8M8023810 . . . 720
48 -8M8023820 . . . 720
48 -8M8023830 . . . 720
48 -8M8023840 . . . 720
48 -8M8023850 . . . 720
48 -8M8023860 . . . 720

48 -8M8023870 720
48 -8M8023880 720
48 -8M8023890 720
48 -8M8023900 720
48 -8M8023910 720
48 -8M8023920 720
48 -8M8023930 720
48 -8M8023940 720
48 -8M8023950 720
48 -8M8023960 720
48 -8M8023970 720
48 -8M8023980 720
48 -8M8023990 720
48 -8M8024000 720
48 -8M8024010 720
48 -8M8024110 720
48 -8M8024120 720
8M8024668 200
8M8025733 490
8M8025968 202
8M8025969 202
8M8025970 202
8M8025971 202
8M8025972 202
8M8025973 203
8M8026004 210
8M8026006 209
8M8026029 204
84 -8M8026041 . . . . . 210, 459
8M8026070 209
48 -8M8026555 . . . . . 661, 667, 684–686, 702, 778, 784
48 -8M8026560 661, 667, 676, 677, 683–686, 695–698, 702, 778, 784
48 -8M8026570 661, 667, 676, 677, 683–686, 695–698, 702, 778, 784
48 -8M8026580 . . 661, 667, 675–678, 683–686, 689, 690, 695–698, 702, 784
48 -8M8026590 . . 661, 667, 675–678, 683–685, 689, 690, 695–697, 702, 778, 784
48 -8M8026600 . . 661, 667, 675–678, 683, 684, 689, 690, 695–697, 702, 778, 784
48 -8M8026620 . . . . . 660, 702, 778, 783
48 -8M8026625 . . . . . 660, 685–687, 697–699, 702, 778, 783
48 -8M8026630 . . . . . 660, 678, 685–687, 697–699, 702, 778, 784
48 -8M8026635 . . . . . 660, 678, 685–687, 697–699, 702, 778, 784
48 -8M8026640 . . . . . 660, 678, 685–687, 697–699, 702, 778, 784
48 -8M8026650 . . . . . 660, 702, 779, 783
48 -8M8026655 . . . . . 660, 702, 779, 783
48 -8M8026790 710
48 -8M8026820 710
32 -8M8026967 . . . . . 319, 324
8M8027354 208
8M8027372 208
48 -8M8027497 . . . . . 778, 780, 784, 787, 790, 792, 806
48 -8M8027498 . . . . . 778, 780, 784, 787, 790, 793, 806
48 -8M8027500 . . . . . 778, 780, 784, 787, 790, 793, 806
48 -8M8027502 . . . . . 778, 780, 784, 787, 790, 793, 806
48 -8M8027504 . . . . . 778, 780, 784, 787, 790, 793, 806
48 -8M8027506 . . . . . 778, 780, 784, 787, 790, 793, 806
48 -8M8027510 . . . . . 778, 779, 783, 786, 790, 792, 805
48 -8M8027511 . . . . . 778, 779, 783, 786, 790, 792, 805
48 -8M8027512 . . . . . 778, 780, 784, 786, 790, 792, 805
48 -8M8027513 . . . . . 778, 780, 784, 786, 790, 792, 805
48 -8M8027514 . . . . . 778, 780, 784, 786, 790, 792, 806
48 -8M8027516 . . . . . 779, 783, 789, 805
48 -8M8027517 . . . . . 779, 783, 789, 805
8M8027677 . . . . . 49, 473
67 -8M9200702 70
67 -8M9200903 218
1667- 9011G90 112
1667- 9011J15 . . . . . 110, 111
1667- 9011J16 . . . . . 60, 110, 111
1667- 9011J 2 112
1667- 9011J29 112
1667- 9011J33 111
1667- 9011J35 111
1667- 9011J37 111
1667- 9011J39 111
1667- 9011J 6 111
1667- 9011J 7 111
48 - 90159A46 . . . . . 709, 785
90185A 1 . . . . . 176, 871
90362A 3 576
91 - 90455 1 641
90468A 1 564
50 - 90983A 5 . . . . . 34, 37, 38
1647- 9148T81 . . . . . 60, 111
1647- 9148T82 111
1647- 9148T84 111
1647- 9148T85 111
1647- 9148T86 111
84 - 91942A 4 . . . . . 366, 575
92020A 2 . . . . . 368, 632
92020A 3 . . . . . 368, 632
92418 870
56 - 92729A49 . . . . . 58, 327
92876A12 630
92876A12 . . . . . 320, 343, 346, 628, 630
92876A 8 . . . . . 320, 325, 343, 346, 630
92876A 9 . . . . . 320, 325, 343, 346, 630
93320A13 . . . . . 131, 138–140
93320A14 . . . . . 131, 139
93320A15 . . . . . 131, 139, 140
93322A10 . . . . . 132, 141, 142
93322A12 . . . . . 132, 140–142
33 - 938 . . . . . 7, 13–17
33 - 941 . . . . . 7, 17
1547- 9412A19 191
1547- 9412A20 191
1547- 9412A21 191
1547- 9412A22 191
1547- 9412A23 191
94185A17 43
94286T 1 . . . . . 98, 104
45 - 94819T 5 . . . . . 165, 166
27 - 94996T 2 248
84 - 95084A10 587

84 - 95084A13 587
18 - 95295Q 847, 863
95419A 1 44
87 - 95810A 8 . . . . . 35, 37, 38
95845A 5 . . . . . 21, 22
398 - 9610A27 197
46 - 96148Q 8 234
96186A 2 631
96708A 4 . . . . . 368, 632
33 - 97182Q 13–16
97258A 1 448
33 - 97389 116
86 - 98199T 585
97 - 98432T 6 . . . . . 98, 101, 104, 105
98634A20 . . . . . 164, 165, 367
A - AA200059N 880
A - AA200060N 880
A - AA240159N 881
A - AA240160N 881
A - AA250032N 881
A - AA250033N 881
A - AA270160N 882
A - AA270162N 882
A - AA290024N 882
A - AA290026N 882
A - AA300064N 883
A - AA300065N 883
A - AA320036N 883
A - AA320037N 883
A - AA320038N 884
A - AA320039N 886
A - AA320042N 884
A - AA350069N 884
A - AA350070N 886
A - AA350073N 884
A - AA360004N 885
A - AA380124N 885
A - AA380128N 885
A - AA380129N 885
A - AA410015N 886
A - AA420005N 886
A - AA430110N 887
A - AA430111N 887
A - AA470046N 887
A - AA470048N 887
F197787T3 72
F213238T2 73
F58685-2 474
F5H078 553
F5H268 553
11 - F7048 861
FA324101 862
FA94094-2 858
48 - FP6430 . . . . . 777, 834
FP6477 . . . . . 777, 834, 836
97 - M879341T 101
48 - MAF12406T 658, 701, 816
NA 742, 743
NLA . . . 21, 22, 25, 28, 29, 37, 38, 43, 45–47, 54–56, 109, 138, 139, 320, 325, 339, 342, 346, 349, 350
QA1912X . . . 776, 781, 785, 788, 793–796, 799–802, 805, 810, 813–815
QA1916X . . . 776, 781, 785, 788, 793–796, 799–802, 805, 810, 813–815
QA1918X . . . 776, 781, 785, 788, 793–796, 799–802, 805, 810, 813–815
QA1920X . . . 776, 781, 785, 788, 793–796, 799–802, 805, 810, 813–815
QA1940R 797, 809
QA1941R 797, 809
QA1946R 797, 809
QA1947R 797, 809
QA1952R 797, 809
QA1953R 797, 809
QA2000X 780, 785, 793–796, 799–802, 805, 813
QA2004X 776, 781, 785, 793–796, 799–802, 805, 810, 813, 814
QA2006X 781, 785, 793–796, 799–802, 805, 812, 813
QA2008X . . . 776, 781, 785, 788, 793–796, 799–802, 805, 810, 813–815
QA2010X 781, 785, 793–796, 802, 805, 812, 813, 815
QA2014X 781, 785, 793–796, 799–802, 805, 812, 813
QA2026X 778, 780, 784, 787, 790, 792, 804, 811, 814
QA2028X 778, 780, 784, 787, 790, 792, 804, 811, 814
QA2030X 778, 780, 784, 787, 790, 792, 804, 811–815
QA2032X 778, 780, 784, 787, 790, 792, 804, 811–815
QA2034X 778, 780, 784, 787, 790, 792, 804, 811–815
QA2036X 778, 780, 784, 787, 790, 792, 804, 811–815
QA2038X 778, 780, 784, 787, 790, 792, 804, 811–815
QA2040X 778, 780, 784, 787, 790, 792, 804, 811–815
QA2042X . . . 778, 780, 784, 787, 790, 792, 804, 811–813, 815
QA2060X 777, 779, 783, 786, 790, 792, 804, 811, 813
QA2062X . . . 777, 779, 783, 786, 790, 792, 804, 811, 814, 815
QA2064X . . . 777, 779, 783, 786, 790, 792, 804, 811, 813, 815
QA2070X . . . 777, 779, 783, 790, 792, 804, 811, 812, 814, 815
QA2072X 777, 779, 783, 786, 790, 804, 811, 813
QA2074X 777, 779, 783, 790, 792, 804, 811, 813, 815
QA2076X 777, 779, 783, 786, 790, 804, 811, 814
QA2078X . 774, 778, 779, 783, 786, 790, 792, 804, 811, 813–815
QA2080X 778, 779, 783, 786, 790, 804, 811, 812, 814
QA2082X . . . 778, 779, 783, 786, 790, 792, 804, 811, 813, 815
QA2084X 778, 779, 783, 786, 790, 792, 804, 811–813
QA2106R 777, 782, 811, 813
QA2124R 777, 782, 811, 814
QA2126R 777, 782, 811, 814
QA2128R 777, 782, 811, 814
QA2130R 777, 782, 811, 814
QA2148R 782, 789
QA2154R 782, 789
QA2158R 782, 789
QA2171R 783, 789
QA2173R 783, 789
QA2175R 783, 789
QA2178R 783, 789
QA2190R 779, 783, 789
QA2192R 779, 783, 789

QA2196R 779, 783, 789
QA2200R 779, 783, 789
QA2206X 775, 787, 798, 805, 814
QA2208X 775, 787, 798, 805, 814
QA2828X 778, 780, 784, 787, 790, 792, 804
QA2830X 778, 780, 784, 787, 790, 792, 804
QA2832X 778, 780, 784, 787, 790, 792, 804
QA3114R 774, 810
QA3118R 774, 810
QA3150R 774, 779, 782, 791, 810, 814, 815
QA3152R 774, 779, 782, 791, 810, 814, 815
QA3168R 774, 810
QA3170R 774, 810
QA3178R 774, 782, 791, 810, 814
QA3182R 781, 789
QA3184R 781, 789
QA3808R 783, 791, 813, 815, 830
QA3810R 783, 791, 814, 815, 830
QA3832X 775, 787, 798, 805
QA3906R 779, 791, 811, 815, 829
QA3914R 779, 791, 811, 815, 829
QS5002X 776, 781, 785, 788, 793–796, 799–802, 808
QS5004X 776, 781, 785, 788, 793–796, 799–802, 808, 813, 815
QS5005X . . . 776, 781, 785, 788, 794–797, 799, 800, 802, 803, 808, 814, 815
QS5006X 776, 781, 785, 788, 793–796, 799–802, 808, 812, 815
QS5007X . . . 776, 781, 785, 788, 794–797, 799, 800, 802, 803, 808, 812, 815
QS5008X . . . 776, 781, 785, 788, 793, 795–797, 799–802, 808, 812, 815
QS5050X . . . 776, 781, 785, 788, 793–796, 799–802, 808, 810, 812, 814, 815
QS5052X 776, 781, 785, 788, 793–796, 799–802, 808, 810–812, 814, 815
QS5054X 776, 781, 785, 788, 793–796, 799–802, 808, 810–812, 815
QS5056X 776, 781, 785, 788, 793–796, 799–802, 808, 810–812, 815
QS5058X 810, 812, 815
QS5114X 778, 780, 784, 787, 791, 793, 808, 811–813, 815
QS5116X 778, 780, 784, 787, 791, 793, 808, 811–813, 815
QS5118X 778, 780, 784, 787, 791, 793, 808, 811–813, 815
QS5166X . 778, 780, 784, 786, 790, 792, 808, 811, 812, 814, 815
QS5168X . . . 778, 780, 784, 786, 790, 792, 808, 811, 814, 815
QS5170X . . . 778, 780, 784, 786, 790, 792, 808, 811, 814, 815

Notes:

OE to Quicksilver Cross Reference

Chris Craft

OE Part No.	Description	QS Part No.
Chris Craft		
16.81-08746	Oil Filter	35-866340Q03
16.83-90006	Fuel Pump Filter	35- 49088Q 2

Chrysler Inboard

OE Part No.	Description	QS Part No.
Chrysler Inboard		
4142885	Thermostat	8M0089715
47-19453	Water Pump Impeller	47- 19453T
47-43026-2	Water Pump Impeller	47- 43026T 2
47-803631T	Water Pump Impeller	47- 89984T 4
47-F694065	Water Pump Impeller	47- 89984T 4
694065	Water Pump Impeller	47- 89984T 4
F697140	Tab Washer	14-816629Q
L-319	Oil Filter	35-883702Q

Crusader

OE Part No.	Description	QS Part No.
Crusader		
201104	Oil Filter	35-866340Q03
47002	Coolant Temperature Sender	805218T
700425	Oil Pressure Sender	8M0068784
700427	Water Temperature Sender	97258A 1
96319	Thermostat	8M0089715
98041	Water Separating Fuel Filter	35-802893T

GLM Marine

OE Part No.	Description	QS Part No.
GLM Marine		
17000	MC-I/R Gear Housing	1623- 5356A 4

Honda Marine

OE Part No.	Description	QS Part No.
Honda Marine		
15400-PFB-014	FourStroke Outboard Oil Filter	35-8M0162832
15400-PLM-A01PE	FourStroke Outboard Oil Filter	35-8M0162830
19210-ZW1-003	Water Pump Impeller	47- 43026T 2
41107-ZW1-003ZA	Trim Tab	97- 31640Q 4
41109-ZW1-003	Anode Side Pocket Bulk Pack	97-8M0059344
41109-ZW1-003	Side Pocket Anode	97-826134Q
90508-ZW1-003	Tab Washer	14-816629Q

McCulloh/Scott-Atwater

OE Part No.	Description	QS Part No.
McCulloh/Scott-Atwater		
	Oil Filter	35-866340Q03

Outboard Marine Corp.

OE Part No.	Description	QS Part No.
Outboard Marine Corp.		
127084	Thrust Washer	859915
171960	Water Temperature Sender	97258A 1
173232	Oil Filter	35-866340Q03
173233	Oil Filter	35-866340Q03
173233	Oil Filter	35- 16595Q
173834	Oil Filter	35-883702Q
174511	Primer Bulb Assembly	8M0054315
174511	Primer Bulb Assembly	8M0054313
174511	Primer Bulb Assembly	8M0061876
174511	Primer Bulb Assembly	8M0052976
174512	Primer Bulb Assembly	8M0054313
174512	Primer Bulb Assembly	8M0061876
175267	Prop Nut Kit	802002Q 1
175985	Primer Bulb Assembly	8M0054315
175985	Primer Bulb Assembly	8M0052976
312456	Fuel Pump Filter	35- 49088Q 2
314503	Prop Nut	859929
317893	Cable Ties	56762
318841	Thrust Washer	859915
378101	Spark Plug	33-813413
381690	Fuel Pump Filter	35- 49088Q 2
3853787	Water Temperature Sender	806490T
3853800	Oil Pressure Sender	8M0068784
3857532	Oil Pressure Sender	8M0068784
398327	Inline Fuel Filter	35-816296K 2
398327	Inline Fuel Filter	35-816296Q 2
500476	Spark Plug	33-883323001
502895	Spark Plug	33-813413
502901	Oil Filter	35-866340Q03
502901	Oil Filter	35- 16595Q
502902	Oil Filter	35-866340Q03
502903	Oil Filter	35-883702Q
502905	Water Separating Fuel Filter	35-802893T
503708	Spark Plug - Shop Pack	33-8M0176614
505448	Spark Plug	33- 938
509564	Spark Plug	33-813415
509569	Spark Plug	33-8M0176668
509572	Spark Plug	33-8M0176684
770242	Floating Prop Wrench	91-859046M 4
770242	Floating Prop Wrench	91-859046Q 4
775638	Primer Bulb Assembly	8M0054315
775638	Primer Bulb Assembly	8M0052976
908034	Carburetor Fuel Filter	35- 53336Q
980613	Water Temperature Sender	806490T
982650	Oil Pressure Sender	8M0068784

Pleasure Craft

OE Part No.	Description	QS Part No.
Pleasure Craft		
R020001	Oil Pressure Sender	8M0068784
R077002	Oil Filter	35-866340Q03
R096117	Tab Washer	14-816629Q
RO096116	Thrust Washer	12-835467Q01

OE Part No.	Description	QS Part No.
Pleasure Craft		
RO26002E	Thermostat	8M0089715

Sierra

OE Part No.	Description	QS Part No.
Sierra		
18-2402	MC-I/R Gear Housing	1623- 5356A 4

Suzuki

OE Part No.	Description	QS Part No.
Suzuki		
99105-20001	Water Separating Fuel Filter	35-802893T
99105-20001	Water Separating Fuel Filter Kit	35-802893Q 4

Volvo Penta North America, Inc.

OE Part No.	Description	QS Part No.
Volvo Penta North America, Inc.		
3857532	Oil Pressure Sender	8M0068784
835440-9	Oil Filter	35-866340Q03
835576-0	Carburetor Fuel Filter	35- 53336Q

Yamaha Motor Corp.

OE Part No.	Description	QS Part No.
Yamaha Motor Corp.		
16231-20-0C	Oil Filter	35-883702Q
3FV-13440-10-00	FourStroke Outboard Oil Filter	35-8M0162832
5GH-13440-00-00	FourStroke Outboard Oil Filter	35-8M0162830
68V-24563-00-00	Fuel Filter Element	35-8M0168897
69J-13440-00-00	FourStroke Outboard Oil Filter	35-822626Q15
6E5-24305-05	Quick Disconnect-Engine End	22- 13563Q 3
6G1-24305-04	Quick Disconnect-Engine End	22- 14213Q
6Y1-24305-04	Quick Disconnect-Engine End	22- 14213Q
6Y1-24360-52-00	Primer Bulb Assembly	8M0054315
6Y1-24360-52-00	Primer Bulb Assembly	8M0052976
6Y2-24305-05	Quick Disconnect-Engine End	22- 13563Q 3
6Y2-24360-52-00	Primer Bulb Assembly	8M0054313
6Y2-24360-52-00	Primer Bulb Assembly	8M0061876
835274Q 1	Flo-Torq II Hub Kit Yamaha	8M0075402
835274Q 1	Flo-Torq II Hub Kit	835274Q 1
ABA-SEPAR-AT-OR	Water Separating Fuel Filter	35-802893T
ABA-SEPAR-AT-OR	Water Separating Fuel Filter Kit	35-802893Q 4
ABB-SEPAR-AT-OR	Water Separating Fuel Filter Kit	35-802893Q 4
YSC-10231-20-0C	Oil Filter	35-866340Q03

#NUMERIC

. . . . . 34, 237
1/10 AWG 33
1000 Hour Service Kit 242
100 Hour Service Kit 236, 239–241, 252–255
10 Inch Spacer Kit 51
10W30 Full Synthetic Oil 264, 282
10W30 Full Synthetic Oil 264, 282
10W30 Marine Oil 263, 264, 281
10W40 Marine Engine Oil 282
10W40 Marine Oil 263, 281, 282
115-Amp Alternator Kit 20
12 Volt Battery 218
14 Pin Bracket 639
14 Pin Extension Harness 547, 548
15FT Harness 34
15W40 292
1st Mate 569, 570
2.0L Diesel Rigging 506
2.5 Inch Spacer Kit 203
200 Hour Service Kit 242
2-4-C Grease Gun 305, 876
2-4-C Lubricant 271, 305, 876
25FT Harness 34
25W40 Synthetic 4-Stroke Oil 284
25W40 Synthetic Blend 264, 265, 283
25W40 Synthetic Blend 4-Stroke Oil 284
25W50 284
25W50 High Performance oil 265
2-Pin Harness Extension 34
2-Stroke PWC 295
3/4" OFS 65
3/4” OFS 65
3.4L Accent Panels 110
3.4L V6 Accent Panels 110
300 Hour Service Kit 236, 239–243, 252–255
300 Hour Service Kit 242
300 Hour Service Kit No Anodes 236, 242
350HP Decal 110
350 Verado Snorkel Kit 200
3ft inlet hose kit 64
3ft OFS Inlet Hose Install Kit 64
4.6L Accent Panels 109
4.6L V8 Accent Panels 109
400HP Decal 110
4 in 1 Gauge 402
5/8” 90-Degree Elbow Barb Fittting 64
5/8” Straight Barb Fitting 64
5.5" Bolt Kit 237
5 Inch Spacer Kit 51
5W30 292
5W30 Marine Engine Oil 280
5W30 Marine Oil 280
6ft inlet hose 64
7.5" Bolt Kit 237
8" Bolt Kit 237
9ft inlet hose 64

A

Absorber Oil 70
Accent Panel 110
Accent Panels 109, 110
Active Trim 520–523
Active Trim Side Mount Adapter 523
Actuator Extension Harness 509, 515
Actuator Kit 455, 637
Adapter 854
Adapter 10 Pin 528
Adapter Cable 474, 481
Adapter Crankcase 92, 314
Adapter Crankcase Oil Pump 92, 313
Adapter Drive Sleeve 854, 855
Adapter Fitting 494
Adapter Gear Lube Pump 304
Adapter Harness . 515, 526, 528, 531, 532, 542, 546, 550, 551, 577, 600
Adapter Harness Analog Gauge 551
Adapter Harness Boat 530, 639
Adapter Harness Dual Helm 550
Adapter Harness Instrument 526, 542
Adapter Harness Quad 526, 542
Adapter Harness Remote Control 465, 575
Adapter Harness Trim Switch 577
Adapter Hose Oil Pump 314
Adapter Kit Cable 474

Adapter Kit Non Power Steering 209
Adapter Kit Transom 177
Adapter Plate Engine Twin 627
Adapter Power Purge System 614, 618
Adapter Remote Tank 82
Adapter Replacement Tank 87
Adapter Transom Kit 177
Adhesive Bellows 312
Adhesive Pad 571
Advanced Sound Control 529
Airdeck Inflatable 881, 883
Air Filter 89, 233, 235, 236, 249, 250
Air Intake Tube Kit 124
Alcohol Tester 299
Alignment Shaft 640
Altenator Belt 233, 234
Alternator Belt 233–237
Alternator Belt 237, 238
Alternator Cable 33
Alternator Energy Kit 20
Alternator To Isolator Cable 33
Aluminum Anode Kit 95, 97, 178, 179, 248
Alu-Rib Inflatable 882, 884–886
Analog Block Water Pressure 447, 530
Analog Conversion Kit Digital 411, 538
Analog Digital Conversion Kit 411, 538
Analog Fitting Kit 447
Analog Gauge Interface 204, 205, 420, 421
Analog Gauge Interface Kit 420
Analog Power Trim Sender 449
Anchor 591
Anode 95, 96, 98–101, 180–183, 217, 230, 231, 236, 237, 249, 250
Anode Assembly 216
Anode Assembly 93
Anode Bearing Carrier 183
Anode Driveshaft Housing 180
Anode Engine 184, 249
Anode Gimbal Housing 180
Anode Heat Exchanger 184
Anode Housing Driveshaft 180
Anode Housing Gimbal 180
Anode Kit . . . 94–97, 99, 178–180, 217, 226, 232, 233, 248
Anode Kit 237
Anode Kit + QS Easel 226
Anode Kit Aluminum 95, 97, 178, 179, 248
Anode Kit Magnesium 97, 178, 179, 248
Anode Kit Prop Nut 100, 181, 856, 857
Anode Mercathode 93, 178
Anode Nut Prop Kit 100, 181, 856, 857
Anode Nut Prop Replacement 100, 181, 857
Anode Plate . 95–97, 178–180, 182, 232–236, 248, 857, 869
Anode Power Trim 99, 100, 231–236
Anode Prop Nut Kit 100, 181, 856, 857
Anode Prop Nut Replacement 100, 181, 857
Anode Side Pocket 96, 100, 231–236
Anode Tab Trim 98, 182, 230, 231, 869
Anode Trim Cylinder 183
Anode Trim Tab 98, 182, 230, 231, 869
Anti-Collision Cable 491, 492
Antifreeze Coolant 268, 297
Anti Vent Plate Anode 98, 236, 237
Assembly Grease 306
Assembly Tailstock 204
Assembly Thermostat 83, 238
Automatic Power Switch 601
Automatic Transmission Fluid 311
Automotive Grease 271

B

Barb Fitting 64
Barrel Pump 313
Battery 218, 219
Battery Analyser 219
Battery Cable 32, 33, 197
Battery Cable Kit 32, 33, 583
Battery Cables 33
Battery Charger 219
Battery Charging Kit 23, 24
Battery Connector Cable 220
Battery Cover 583
Battery Desulfator 220
Battery Isolator 33, 584
Battery Isolator Harness Kit 584
Battery Plate 583, 584
Bearing Anode Carrier 183
Bearing Carrier Anode 183

Bearing Kit Gimbal 120, 211
Bell Housing Exhaust Bellows 248
Bellows Adhesive 312
Bellows Bulkhead Kit 213, 215, 475, 633, 634
Bellows Kit Bulkhead 213, 215, 475, 633, 634
Bellows Shift Cable 212, 213, 248, 475
Bellows Steering Cable 215, 633
Bellows U-Joint 248
Belt Alternator 233–237
Belt Alternator 237, 238
Belt Cover Kit 124
Belt Kit Serpentine 122, 151
Belt Serpentine 122, 151, 244–248
Belt Serpentine Kit 122, 151
Bezel 392, 405
Bezel Gauge Black 110 mm 402
Bezel Gauge Black 52 mm 398, 408
Bezel Gauge Black 85 mm 392, 400, 405, 408
Bezel Gauge Chrome 110 mm 402
Bezel Gauge Chrome 52 mm 398, 408, 446, 571
Bezel Gauge Chrome 85 mm 392, 400, 405, 409
Bezel Gauge White 52 mm 398, 408
Bezel Gauge White 85 mm 392, 400, 405, 409
Bezel Mounting 623
Bezel Start Stop Switch Black 560
Bezel Steering 214, 624, 632
Bezel System Monitor 404
Bezel Trim Switch 577
Black 804
Black Cowl Accent 110
Black Diamond Bravo Two 706, 809
Black Diamond Bravo Two Propeller 809
Black Diamond Propeller 804, 805, 809
Black Diamond Propeller 804
Black Key Cover Plastic 564
Black Max Kicker Propeller 704
Black Max Propeller 703–706
Black Max Propeller 705
Black Paint 308
Black Paint Phantom 272
Black Paint Phantom 308
Black Propeller Paint 308, 876
Block Off Plate 154
Block Off Plate Exhaust 128
Block Water Pressure Digital 531
Block Water Pressure Kit 447, 530
Blow-Start Siphon 74
Blue Cowl Accent 110
Boat Bag 890
Bolt Kit 237
Bolt Mounting 57
Boost Pump Kit 170
Bow Cushion 890
Bow Trim Harness 577
Bracket 205, 587, 629, 639
Bracket, Drop Down 136
Bracket Extension Plate 205
Bracket Filter Water Separating 80, 172
Bracket Front Lifting Eye 154
Bracket Steering 629, 631
Bracket Steering Arm 631
Bracket Steering Handle 48, 629
Bracket Transducer 532
Bracket Transom Support 56
Brass Threaded Hose Barb 70
Bravo Driveshaft Housing 191, 192
Bravo Four S Propeller 718
Bravo Four S Propeller 718
Bravo Gear Housing 193–195
Bravo I FS Propeller 724, 725
Bravo I Lab Finished Propeller 728, 729
Bravo I LT Propeller 722, 723
Bravo I LT Propellers 723
Bravo I OC Propeller 728
Bravo I Propeller 713
Bravo I XC Propeller 724
Bravo I XS Propeller 723, 724
Bravo Propeller 707, 713, 717
Bravo Sterndrive 188–190
Bravo Three Diesel 719
Bravo Three Diesel Propeller 719
Bravo Three Propeller 718, 719
Bravo Three XR Propeller 734
Bravo Two Propeller 706, 809
Breaker 589
Bulb Assembly Primer 69, 70

Bulk Anode Kit 96
Bulk Anodes 96
Bulkhead Compression Fitting 212, 215, 475, 633
Bulkhead Fitting 494, 614
Bulkhead Kit Bellows 213, 215, 475, 633, 634
Bullet Insulator Terminal Receptacle 586
Bullet Receptacle Terminal Insulator 586
Bullet Terminal 585
Bullet Terminal Receptacle 584, 585
Bushing 587
Bushing Flo-Torq Hub Kit 849
Bushing Kit 609
Bushing Kit Flo-Torq Hub 849
Bushing Power 2 Propeller 855
Bushing Prop 855
Bushing Prop Hub 855
Button Cowl Mounted 36
Button Handle Tiller Harness 35
Button Harness Tiller Handle 35

C

Cable, Steering 619, 620, 622
Cable Adapter 474, 481
Cable Adapter Kit 474
Cable Assembly 94, 587
Cable Attaching Kit Dual 630
Cable Attachment Steering 631
Cable Battery 32, 33, 197
Cable Battery Kit 32, 583
Cable Boot 33, 586
Cable Fuse Holder 587
Cable Grip Kit 455
Cable Puller 591
Cable Replacement 624
Cable Rotary System 621
Cable Shift 212, 482, 483
Cable Shift Bellows 212, 213, 248, 475
Cable Shift Connector 474
Cable Shift Kit 248
Cable Steering 214, 633
Cable Throttle Shift 476–478
Cable Tie 590
Cable Ties 590
Cable Tie Standard 590
CAN H Adapter 491
CAN H Gateway 490
Can P Resistor 525, 569
CAN Track Pad 458
Cap Female Power Steering 604
Cap Kit Rotor 244–247
Cap Male Power Steering 604
Cap Non Vented Steering 613, 617, 626
Cap Replacement 65, 66
Cap Replacement Flushing 62
Cap Rotor Kit 244–247
Carbon Fiber Dress Kit 209
Carburetor Fuel Filter 82, 244–246
Carburetor Kit Repair 244–246
Carburetor Kit Wedge 149
Carburetor Repair Kit 230, 231, 244–246
Carburetor Wedge Kit 149
Carrier Bearing Anode 183
CCM Module 514
Charge Cable 33
Charging Battery Kit 24
Charging Kit 23
Charging Kit Battery 23
Check Valve Kit 176
Choke Harness 544
Circuit Breaker 590
Circulating Hose Pump 161
Circulating Pump Hose 161
Clamp 237
Clamps Fuel Line 74, 80, 173
Clean Power Harness 504
Cleaver Propeller 721
Clevis Assembly Kit 609
Clip 590
Clip Splice 586
Clip Trailering 32, 121
Close Couple Hardware Kit 207
Close Couple Tailpipe Kit 206
Closed Cooling Hose Kit 143, 152–154
Closed Cooling Kit 149, 150
Combo GPS/IMU 490
Combustion Chamber Cleaner 298

Command Module 498, 505
Command Module Kit 499
Command Module Kit Console Mount 499
Command Module Kit Panel Mount 498
Command Module Kit Shadow Mode 499
Complete Water Pump 235, 236
Compression Fitting Bulkhead 212, 215, 475, 633
Connection Kit Hose 625
Connector Cable Shift 474
Connector Engine Flush Kit 162
Connector Engine Fuel End 73
Connector Flush Kit Engine 162
Connector Fuel 73
Connector Fuel Engine End 73
Connector Kit 73
Connector Shift Cable 474
Console 888, 889
Console Control Remote Mount 463, 468, 469
Console Mount 463
Console Mount Remote Control 463, 468, 469
Continuity Washer 865
Control 469
Control, Remote 462
Control Drilling Fixture 639
Control Engine Remote Harness 36
Control Harness Remote Engine 36
Control Power Trim 576
Control Remote Attaching Kit 471, 472
Control Remote Conversion Kit 470
Control Remote Engine Harness 36
Control Side Mount Remote 464–467
Control Unit Mercathode 178
Conversion Digital Analog Kit 411, 538
Conversion Gear Kit 201
Conversion Kit 463
Conversion Kit Analog Digital 411, 538
Conversion Kit Digital Analog 411, 538
Conversion Kit Remote Control 464, 470, 471
Conversion Kit SC Sensor 411, 421
Conversion Kit Sideshift 50
Conversion Kit Tiller Handle 39
Conversion Remote Control Kit 470
Conversion Sideshift Kit 50
Coolant Engine 297
Coolant Temperature Gauge 392, 396
Coolant Temperature Sender 448
Cooler Pump Kit 632
Co-Pilot Kit 48
Co-Pilot Kit Sail 48
Cord Lanyard 567
Corrosion Guard 296
Corrosion Guard Heavy Duty 267
Cotter Pin 863
Coupler Assembly Kit 609
Coupler Hose 123
Coupler Male 586
Coupler Propeller Shaft 176
Cover Black Plastic Key 564
Cover Hole Instrument Kit 453
Cover Impeller Housing 152
Cover Kit Belt 124
Cowl Finish Compound 309
Cowl Fitting 49, 473
Cowl Storage Cover 58, 309
Crankcase Oil Pump 92, 313
Crimping Tool 586
Cruiselog Gauge 426, 430, 434, 437, 440, 444, 446
Cylinder 598, 615
Cylinder Assembly 631
Cylinder Big Tiller 598
Cylinder Head 196
Cylinder Head O-Ring 196
Cylinder Hydraulic 610
Cylinder Seal Kit 627
Cylinder Short Stroke 599

D

Dampener Hose 600, 603
Data Cable 527, 548
Decal Mercury 226
Decal Washer Kit 555
Deck Fill Oil Kit 87
Deck Oil Fill Kit 87
Depinning Tool 591
Depth Transducer Hull 534
DFI 2-Cycle Outboad Oil 275

DFI 2-Cycle Outboard Oil 275, 276
Diesel Harness Fuel Level 517
Diesel Mechanical Helm Harness 506, 508
Diesel Oil 266, 292
Diffuser Ring 857, 858
Digital Analog Conversion Kit 411, 538
Digital Block Water Pressure 530
Digital Control Zero Effort 459
Diode Kit 469, 470
Diode Kit Lanyard 566
Diode Lanyard Kit 566
Docking Station - TDS 570
Double Nut Kit 237
Drain Exhaust Elbow Manifold 149
Drain Exhaust Manifold Elbow 149
Drain Gearcase Screw 304
Drain Kit Oil 168, 169
Drain Kit Seawater Hose 161
Drain Screw Gasket 304
Drain Screw Gearcase 304
Drain Seal 304
Drain Seawater Hose Kit 161
Dress Kit Carbon Fiber 209
Drill Fixture Kit 639
Drive Adapter Sleeve 854
Drive Alignment Tool 641
Drive Bracket 609
Drive Bravo Housing Shaft 191, 192
Drive Bravo Shaft Housing 191, 192
Drive Installation Kit 248
Drive Kit 50
Driveline Hardware Kit 207
Driveline Kit 208
Driveline Tailpipe Kit 206
Driveshaft Alpha Housing 191, 192
Driveshaft Assembly 211
Driveshaft Bravo Housing 191, 192
Driveshaft Extension 237
Driveshaft Extension 237
Driveshaft Extension Kit 50–52
Driveshaft Housing Anode 180
Driveshaft Kit 165, 237
Drive Sleeve 848, 853, 854
Drive Sleeve Adapter 854, 855
Drive Spacer 202, 203
Drive Spacer Kit 202
DTS Analog Gauge Harness 410, 420
DTS Clean Power Helm 552
DTS Tiller Handle Kit 41, 594
Dual Attaching Cable Kit 630
Dual Cable Attaching Kit 630
Dual Engine Mount Kit 467
Dual Engine Synchronizer 434, 437, 440, 443, 446
Dual Engine Tie Bar 630, 632
Dual Station Rig Harness 639
Dual Zero Effort Trim All Harness 578
Dummy Gauge 453

E

Elbow/Riser Exhaust Kit 137
Elbow Exhaust Kit 137
Elbow Exhaust Manifold 149
Elbow Exhaust Manifold Drain 149
Elbow Fitting Power Steering 604, 605
Elbow Intermediate Kit 128, 129, 137, 138, 144, 145
Elbow Kit 129, 144, 145
Elbow Kit Exhaust 137
Elbow Kit Intermediate 128–130, 137, 138, 144–147
Electrical Hardware Kit 584
Electric Fuel Pump 197, 198
Electric Start Kit 34, 35
Electrode Mercathode 93, 178
Electrode Mercathode Reference Tester 93, 178
Electronic Remote Controls 457, 458, 497, 498
Electronic Steering Helm 490
End Steering Rod 215, 633
Enertia ECO Propeller 711
Enertia ECO XP Propeller 726
Enertia Propeller 710, 711
Engine Anode 184, 249
Engine cleaner 298
Engine Coolant 268, 297
Engine Cover 120
Engine End Fuel Connector 73
Engine Flush Kit 162, 163
Engine Flush Kit Connector 162

Engine Hot Stud Kit 33
Engine Mount 202
Engine Mounting Fixture 639, 640
Engine Mount Kit Dual 467
Engine Oil 264, 283
Engine Oil Pressure Sender 122, 576
Engine Setup Fitting Kit 63
Engine Setup Fitting Kit 63
Engine Synchronizer Gauge 406
Engine Tie Bar Dual 630, 632
Engine Treatment 298
ERC Panel Mount 456, 496
Exhaust Bellows Bell Housing 248
Exhaust Block Off Plate 128
Exhaust Elbow/Riser Kit 137
Exhaust Elbow Kit 137, 138, 144–147
Exhaust Elbow Manifold Drain 149
Exhaust Flange Kit 165
Exhaust Flappers 128
Exhaust Manifold Gasket 237
Exhaust Pipe Kit 128, 130, 137, 144, 147
Exhaust Plate Block Off 128
Exhaust Reducer Kit 130
Exhaust Ring Seal 856
Exhaust Seal 237
Exhaust Shutter 128
Exhaust Tip 127, 203
Exhaust Tip Flapper Assembly 127, 203, 204
Extension Arm Kit 609
Extension Arm Steering Kit 631
Extension Harness 34, 210, 420, 459, 460, 502–504, 516, 541, 545, 546, 575, 578
Extension Harness 34
Extension Harness Actuator 509, 515
Extension Harness Instrument 545, 546
Extension Harness Kit 502
Extension Harness Paddle Wheel 530, 531
Extension Harness Power Trim 581
Extension Harness Start Stop 560
Extension Harness Vessel Sensor 508, 509, 516, 517
Extension Harness WIF 80, 81
Extension Hose Kit 152
Extension Kit 50–52
Extension Kit 52
Extension Kit Driveshaft 50, 51
Extension Kit Steering Arm 631
Extension Kit Trim Hose 208
Extension Plate Bracket 205
Extreme Grease 271
Extreme Grease 306
Extreme Grease 306
Extreme Performance Gear Oil 270

F

FCW 284
Filler Bottle Kit 627
Fill Kit Deck Oil 87
Filter Air 89, 233, 235, 236
Filter Bracket Water Separating 80, 172
Filter Fuel 74–76, 79, 230–236
Filter Fuel 237
Filter Fuel Assembly 198, 205
Filter Fuel Pump 74, 77, 244
Filter Fuel Separating 171–173, 244
Filter Fuel Water Separating 171–175, 244, 246–248
Filter Kit Remote Oil 167
Filter Kit Water Separating 81
Filter Oil . . 89–91, 230–237, 244–250, 265, 286, 287, 290, 293, 294, 314
Filter Oil 237
Filter Oil Wrench 91, 92, 172, 291, 314, 315
Filter Remote Oil Kit 167
Filter Transmission 237
Filter Water Separating Fuel 171
Fire Compliant Fuel Filter Kit 81
Fitting 90 degree 447, 614, 615
Fitting Barb 175
Fitting Bulkhead 494, 603, 614
Fitting Bulkhead Compression 212, 215, 475, 633
Fitting Cowl 49, 473
Fitting Hot Water Kit 124, 125
Fitting Kit 63, 64
Fitting Kit Bulkhead 493, 604–606, 614
Fitting Kit Hot Water 124, 125
Fitting Power Steering Male to Male 604
Fitting Steering Cylinder 494, 495
Fitting Straight 603

Fitting Tee 614, 615
Fixture Drilling Control 639
Fixture Drill Kit 639
Fixture Engine Mounting 639, 640
Flagship Fuel Gauge 426
Flagship Instrument Set 423, 427
Flange Kit Exhaust 165
Flappers Exhaust 128
Flat Washer 58
Flo-Torq Bushing Hub Kit 849
Flo Torq Hub 849
Flo-Torq Hub 849
Flo-Torq Hub Kit 849–853
Flo-Torq Hub Kit Solid 850
Flo-Torq Hub Kit Suzuki 851, 852
Flo-Torq Hub Kit Tohatsu 852
Flo Torq III Hub Kit 853, 856
Flo-Torq Reflex Hub Kit 848
Fluid Power Trim Steering 273, 310
Flush Connector Engine Kit 162
Flushing Attachment 60–62, 163, 200, 216
Flushing Kit 62, 63, 162, 163, 200, 216
Flushing Kit 63, 64
Flushing System 63
Flush Kit 62
Flush Kit Coastal 62
Flush Kit Engine Connector 162
Flush Kit Seal 61, 163, 201
Flywheel Puller 93, 641
Fob Controller TDS 570
Fogging Oil 296
Foot Throttle Kit 456
Four Stroke High Performance Oil 265
Fuel Additive 298
Fuel Assembly Filter 76, 198, 205
Fuel Assembly Line 67, 68
Fuel Assembly Line Universal 69
Fuel Can 70
Fuel Can Poly 70
Fuel Connector 73
Fuel Connector End Engine 73
Fuel Filter . 74–76, 79, 170, 173, 174, 230–236, 245, 247, 249, 250
Fuel Filter 237
Fuel Filter Assembly 198, 205
Fuel Filter Carburetor 82, 244–246
Fuel Filter Kit 75, 76, 170, 172, 231
Fuel Filter Portable 80
Fuel Filter Pump 74, 77, 244
Fuel Filter Screen 76, 233–236, 238
Fuel Filter Separating 171–173, 244
Fuel Filter Water Separating . . . 77–79, 81, 171–175, 234, 236, 237, 244–249
Fuel Fitting In-Line 170
Fuel Flagship Gauge 426
Fuel Flow Gauge 393, 406
Fuel Gauge 426, 430, 433, 437, 440, 443, 446
Fuel Gauge Sending Unit 426, 430, 531
Fuel Injection Cleaner 312
Fuel Level Harness Diesel 517
Fuel Line 69
Fuel Line Assembly 67, 68
Fuel Line Clamps 74, 80, 173
Fuel Line Coupler 73
Fuel Line Fitting 70, 80
Fuel Line Kit 152
Fuel Line Universal Assembly 69
Fuel Pump Coupler 198
Fuel Pump Electric 197, 198
Fuel Pump Filter 74, 77, 244
Fuel Separating Filter 171–173, 244
Fuel Stabilizer 298
Fuel System Treatment & Stabilizer 298
Fuel Tank Premium 66
Fuel Tank Standard 66, 67
Fuel Tank Super 65, 66
Fuel Treatment 298
Fuel Water Separating Filter 171
Funnel Oil Drain 92, 287
Fury 4 Propeller 713
Fury Propeller 712
Fuse 587, 588
Fuse 100 Amp 589
Fuse 10 Amp 587, 588
Fuse 125 Amp 589
Fuse 150 Amp 589
Fuse 15 Amp 587
Fuse 200 Amp 589

Fuse 20 Amp 588
Fuse 250 Amp 589
Fuse 25 Amp 588
Fuse 30 Amp 588, 589
Fuse 50 Amp 588, 589, 599
Fuse 5 Amp 587, 588
Fuse 80 Amp 589
Fuse 90 Amp 589
Fuse Assembly 588, 589, 599
Fuse Bar Holder Kit 34, 590
Fuse Block 33, 589
Fuse Cover Asy 589, 599
Fuse Harness Assembly 587, 599, 600
Fuse Holder Kit 590

G

Gateway Module 404
Gateway Multi Engine 404
Gauge 4 in 1 . . . . . 401, 402
Gauge Coolant Temperature 392, 394, 396
Gauge Cruiselog 426, 430, 437, 440, 444, 446
Gauge Dual Engine Synchronizer . . . 426, 434, 437, 440, 443, 446
Gauge Engine Synchronizer 406
Gauge Flagship Fuel 426
Gauge Flow Fuel 393, 406
Gauge Fuel Flagship 426
Gauge Fuel Flow 393, 406
Gauge Fuel Level 393, 397
Gauge Fuel Level 2 . . . . . 393, 395, 397
Gauge Fuel Sending Unit 426, 430, 531
Gauge Fuel Unit Sending 426, 430, 531
Gauge Level Water 406
Gauge Oil Level 396
Gauge Oil Pressure . . 393, 395, 397, 405, 425, 429, 433, 436, 440, 443, 445
Gauge Oil Temperature 394, 396, 398, 405
Gauge Power Trim 426, 430, 433, 437, 443
Gauge Pressure 890
Gauge Rudder Angle 394, 396, 397
Gauge Seal 410
Gauge Sending Unit Fuel 426, 430, 531
Gauge Speed 398, 399, 401
Gauge Tach 389, 399, 401, 402
Gauge Tachometer 399, 400
Gauge Temperature 407, 439
Gauge Trim 394, 396, 397
Gauge Voltage 392–395, 397
Gauge Waste Level 393, 395
Gauge Water Level 393, 395, 397
Gauge Water Pressure 394, 396, 397
Gear Actuator Harness 515
Gearcase Assembly 111, 113
Gearcase Assembly Complete 112, 113
Gearcase Drain Screw 304
Gearcase Drain Seal 304
Gearcase Filler Plugs 164
Gearcase Height Tool Kit 641
Gear Conversion Kit 201
Gear Harness Actuator 515
Gear Housing 201
Gear Housing Alpha 192–194
Gear Housing Assembly Complete 111
Gear Housing Bravo 193–195
Gear Housing MC-I/R 194
Gear Housing Outboard 60, 110, 111
Gearhousing Replacement Skeg 88, 89, 872
Gear Lube 269, 300–302
Gear Lube Monitor Kit 121
Gear Lube Pump 269, 302, 304
Gear Lube Pump Adapter 304
Gear Lube Reservoir Kit 121
Gear Oil Extreme Performance 270
Gimbal Bearing Kit 120, 211
Gimbal Housing Anode 180
Gimbal Ring Kit 210
GPS 535, 537
GPS Antenna 490
GPS Extension Harness 537
GPS KIT 535
Grate Inlet Replacement 216
Grate Replacement Inlet 216
Grease 271
Grease Extreme 306
Grease Extreme 306
Grease Gun 314
Grey Cowl Accent 110

Grommet Ingress 473
Ground Cable 34
Grounding Cable 34
Grounding Cable 34
Guide Starter Rope 85

H

Handle Kit Tiller 39–41
Handle Steering Bracket 48, 629
Hand Pump 890
Hardware Bag 505
Hardware Kit 609
Hardware Kit Close Couple 207
Hardware Kit Driveline 207
Harness 529, 531, 550, 558, 577, 600
Harness 34, 504
Harness Actuator 515, 530, 639
Harness Adapter 509, 517, 546, 550, 551, 578
Harness Adapter 530
Harness Adapter Analog Gauge 551
Harness Adapter Dual Helm 550
Harness Adapter Halon 517
Harness Analog Gauge 544, 558
Harness and Key Switch 557, 558
Harness Assembly 459, 502, 516, 526, 542, 553
Harness Assembly 210, 459
Harness Auxiliary Trim 577
Harness Auxiliary Trim Switch 577
Harness Bow Trim 577
Harness CAN P Link 529
Harness Clean Power 504
Harness Data 546, 547
Harness Engine Remote Control 36
Harness Engine to Helm 539
Harness Extension . . . 210, 459, 460, 465, 502–504, 516, 541, 544–546, 575
Harness Extension 14 Pin 547, 548
Harness Extension Engine to VIP 516
Harness Extension Instrument 545, 546
Harness Extension Power Trim 581
Harness Extension Start Stop 560
Harness Fuel Paddle 530
Harness Fuel Tank 204, 531
Harness Global Wake 504
Harness Ignition 543, 558
Harness Key Switch 558
Harness Keyswitch Extension 509, 555
Harness Kit 502, 503, 552, 553, 577, 578
Harness Kit Battery Isolator 584
Harness Link 526, 529, 543
Harness Malfunction Light 545, 573
Harness MerCathode 515
Harness MP Alert 574
Harness Paddle Wheel 530, 531
Harness Power Clean 552
Harness Power Steering 600
Harness Power Trim Adapter 582
Harness Power Trim Extension 581, 582
Harness SC100 . . . . . 526, 527, 543
Harness SC1000 . . . . . 527, 528, 549
Harness SC1000R 528, 549, 550
Harness SC1000 System Tachometer 525, 542
Harness SC5000 . . . . . 527, 548, 549
Harness Speedometer System SC1000 . . . . . 525, 542
Harness Speedo Pitot 539, 540
Harness Tachometer 575
Harness Tank 3 Pin 540
Harness TDS 571
Harness Transom 540
Harness Vessel Sensor Inboard 516
Harness Vessel Sensor Sterndrive 516
Harness Y Station 575
Head Cylinder 196
Head Cylinder O-Ring 196
Head O-Ring Cylinder 196
Heated Grip 593
Heat Exchanger Anode 184
Heat Shrink Tubing 586
Heat Transfer Compound 312
Heavy Duty Hydraulic Cylinder 611
Heavy Duty Tie Bar Dual 607
Heavy Duty Tie Bar-Dual 607
Helm/Cylinder Kit 610
Helm Board DTS Kit 504, 513
Helm Harness 500–502
Helm Hyd Std 610

Helm Hyd Tilt 610
Helm Kit 456
Helm Kit 500
Helm Kit Mechanical SmartTow 539
Helm Kit Plate SeaStar 624
Helm Kit SeaStar Plate 624
Helm Panel 513
Helm Panel Board, Cummins DTS 513
Helm Panel Joystick 490
Helm Panel Kit 514
Helm Power Steering 595–597
Helm Pump 611, 612, 616, 626
Helm Replacement Parts 621
Helm Steering 623
Helm Vented Cap 613, 614, 617, 618, 626
HighFive Propeller 715
High-Output Alternator Kit - 115-Amp 20
High Performance Gear Lube 269, 301, 302
High Performance Oil Four Stroke 265
High Performance Oil Two Stroke 260, 276
Hold Kit Oil Tank 86
Horn Kit Warning 572
Horn Warning Kit 572
Hose Adapter Oil Pump 314
Hose Circulating Pump 161
Hose Connection Kit 625
Hose Coupler 123
Hose Drain Kit Seawater 161
Hose End Threaded 70, 71, 73, 80, 172
Hose Extension Kit 152
Hose Extension Oil Tank 87
Hose Hydraulic 612, 613, 626
Hose Kit 143, 152–154, 492, 493, 601, 602, 605, 606
Hose Kit Connection 625
Hose Kit Extension 152
Hose Kit K-Planes 637
Hose Kit SeaStar 625
Hose Kit Seawater Drain 161
Hose K-Plane 638
Hose Power Steering Dampener 600, 603
Hose Pressure Power Steering 602, 603
Hose Rigging 49, 473
Hose SeaStar Kit 625
Hose Seawater Drain Kit 161
Hose Threaded End 70, 71, 73, 80, 172
Hot Water Fitting Kit 124, 125
Hour Meter 453
HP Decal 110
Hub Bushing Flo-Torq Kit 849
Hub Bushing Kit Flo-Torq 849
Hub Bushing Prop 855
Hub Flo-Torq Bushing Kit 849
Hub Flo-Torq IV Kit 853
Hub Flo-Torq Kit 849–853
Hub Flo-Torq Kit Evinrude 851
Hub Flo-Torq Kit Suzuki 851, 852
Hub Flo-Torq Kit Tohatsu 852
Hub Flo-Torq Reflex Kit 848
Hub Kit 208, 712, 855
Hub Kit 712
Hull Transducer Depth 534
Hydraulic and Power Steering Cylinder 598, 615
Hydraulic Bolt On Steering Kit 617
Hydraulic Helm Steering Fluid 310, 617
Hydraulic Hose Kit 601, 602
Hydraulic Pump 636, 637
Hydraulic Steering Arm 613, 617
Hydraulic Steering Kit 612, 615
Hydraulic Steering Remote Fill Kit 613, 617

I

Idle Relief Outlet Side Discharge 207
Idle Relief Outlet Transom Discharge 207
Ignition Harness 557
Ignition Key 562, 563
Ignition Key Replacement 561, 562, 564
Ignition Key Switch Transom Mounted 36, 559
Ignition Mounted Key Switch Transom 36, 559
Ignition Replacement Key 561, 562, 564
Impeller 230–232, 250
Impeller Housing Cover 152
Impeller Kit 230, 249, 250
Impeller Outboard Jet 873
Impeller Pump Kit 230, 244–248
Impeller repair kit 230
Impeller SportJet 873, 874

Impeller Water Pump 230–237
IMU 490
Indicator Trim Position 454, 635
Inflatable 880–887
Inlet Grate Replacement 216
Inlet hose install kit 64
Inlet hose install kit 64
Inlet Replacement Grate 216
Inlet Water 65
Inline Fuel Filter 76, 231, 232
In-Line Oil Filter 233, 234
Installation Kit Drive 248
Instrument Extension Harness 545, 546
Instrument Harness 544
Instrument Harness Extension 546
Instrument Set 423, 427, 430, 434, 437, 444
Instrument Set Analog 441
Insulator Cable Boot 33, 586
Insulator Receptacle Bullet Terminal 586
Interface Kit Analog Gauge 420
Interface Module Kit 502
Intermediate Elbow Kit 129, 130, 146, 147
Iridium Antenna 571
Isolator 34
Isolator Adaptor 34
Isolator Cable 33
Isolator Charge Cables 33
Isolator Kit 517, 584, 601
Isolator Kit Opti Triple 584, 601
Isolator Starter Cable 584

J

Jackshaft Kit 164
Jackshaft Kit Main 164
J-Box 525, 569
J-Box Extension 571
J-Box Plug Kit 525, 569
J-Box SmartCraft Terminator/Resistor 524, 568
Jet Outboard Impeller 873
Johnny Throttle Extension Harness 507
Joystick Assembly 489, 490
Joystick Piloting 489
Joystick Piloting for Outboards (JPO) for Single-Engine Pontoons 701
Joystick Steering Hose 492, 493, 602, 606

K

Key Assembly Switch 215, 216, 553, 554, 556, 557
Key Cover Black Plastic 564
Key Ignition 562
Key Ignition Replacement 561, 562, 564
Key Replacement Ignition 561, 562, 564
Key Switch 554–556, 560, 561
Key Switch Assembly 215, 216, 553, 554, 556, 557
Key Switch Dual 555, 560
Key Switch Housing Kit 555
Key Switch Ignition Transom Mounted 36, 559
Key Switch Kit 518, 558
Key Switch Quad 555
Key Switch Triple 555
Keyway 598
Kicker 804
Kicker 705
Kicker Bracket 609
Kicker Engine Bracket 609
Kicker Kit 498
Kicker Propeller Black Max 704
Kicker Strap 94
kit 237
Kit Anode 237
Kit M8 Prop Aerator 208
K-Plane Harness 541
K-Plane Hose 638
K-Planes 636, 637
K-Planes Hose Kit 637
K-Plane Sport 636

L

Lanyard Cap Stop Switch 199, 566
Lanyard Cord 566, 567
Lanyard Counter Display Kit 566
Lanyard Diode Kit 566
Lanyard Stop Switch 564–567
LCM Zero Effort Kit 459
LED Light and Switch Kit 42, 595

Legacy Command Module 459, 499
Level 2 Harness Assembly 210, 459
Leveler 309
License Key 641
Life Jacket 892
Lifting Eye 93, 641
Lifting Strap 92, 641
Light and Switch Kit LED 42, 595
Lightning E.T. Propeller 721
Link Harness 529
Lock Kit 31
Lock McGard Propeller 894
Lock Outboard 571
Lock Outboard Motor 894
Lock Propeller McGard 894
Lock Sterndrive 894
Lock Turnbuckle 572
Low Loss Harness 505, 591
Lube Pump 269, 302, 304

M

M8 Prop Aerator Kit 208
Machete Propeller 701
Magnesium Anode Kit 97, 178, 179, 248
Main Jackshaft Kit 164
Maintenance Kit 239
Maintenance Kit 242
Maintenance Kit 242
Male Coupler 586
Manifold Exhaust Elbow 149
Manifold Gasket Exhaust 237
Marine Engine Oil 264, 283
MAX 5 Propeller 729, 730
MAX 5 ST Propeller 731
Maximus Long Tube Lab Finished Propeller 732, 733
Maximus Propeller 713, 714
Maximus Short Tube Lab Finished Propeller 733, 734
McGard Propeller Lock 894
MC-I/R Gear Housing 194
Mechanical Tiller 593, 594
Mechanical Tiller 593
MerCathode 93
Mercathode Anode 93, 178
Mercathode Control Unit 178
Mercathode Electrode 93, 178
Mercathode Kit 93, 177, 205
MerCathode kit 93
Mercathode Module 93
Mercathode Reference Electrode Tester 93, 178
MercMonitor 402, 403
M-Icon 227
Mil Light 544, 573
Mirage Plus Propeller 715, 716
Module 404
Module - Controller TDS 570
Module MP Alert 574
Monitor Kit Gear Lubricant 121
Monitor SC1000 SmartCraft System 403
Monitor Station Panel Primary 422
Mounting Bezel 623
Mounting Bolt 57
Mounting Bolt Kit 57
Mounting Bracket Pump 27
Mounting Engine Fixture 639, 640
Mounting Nuts 58
MP Alert Bezel 574
MP Alert Kit 573
MP Alert Light 574
MP Alert Y-Harness 574
MP Light + Y-Harness 574
Muffler Kit X-Haust 207
MUS ID Jumper 515

N

N2K GPS Kit 535
Needle Bearing Assembly Grease 306
Negative Battery Cable 33
Nemesis Pontoon Propeller 806
Nemesis Propeller 805, 806
NMEA2000 537
NMEA 2000 538
NMEA 2000 Power 537
NMEA 2000 Starter Kit 537
NMEA 2000 Weather Cap 538
Non Power Steering Adapter Kit 209
No Trim Remote Control 467

Nut Anode Prop Kit 100, 181, 856, 857
Nut Anode Prop Replacement 100, 181, 857
Nut Brass Hex 58
Nut Kit 237
Nut Kit Prop 858–860
Nut Lock 861
Nut Prop 861, 862
Nut Retaining 409, 410
NXT1 Spacer Kit 203
NXT1 Torpedo Bore Cover Assembly 209

O

Oetiker 237
OFS Inlet Hose Install Kit 64
OFS Mounting kit 65
OFS Quick Disconnect 65
OFS Quick Disconnect Mounting Kit 65
Oil 2-Cycle TC-W3 Outboard Premium 275
Oil Absorber 70
Oil Crankcase Pump 92, 313
Oil Deck Fill Kit 87
Oil Diesel 266, 292
Oil Drain Funnel 92, 287
Oil Drain Kit 168, 169
Oil Drip Tray 90, 315
Oil Engine 264, 283
Oil Extension Hose Tank 87
Oil Fill Deck Kit 87
Oil Fill Kit Deck 87
Oil Filter . . 89–91, 230–237, 244–251, 265, 286, 287, 290, 293, 294, 314
Oil Filter Axius Hydraulic 291
Oil Filter Diesel 294
Oil Filter In-Line 233, 234
Oil Filter Remote Kit 167
Oil Filter Transmission 291
Oil Filter Wrench 91, 92, 172, 291, 314, 315
Oil Hose Extension Tank 87
Oil Kit Drain 168, 169
Oil Level Gauge 394, 426, 429, 433, 437, 440
Oil Level Status 92, 530
Oil Optimax DFI Outboard 260
Oil Outboard 263, 281
Oil Outboard Premium Plus TC-W3 259
Oil Outboard Premium TC-W3 . . . . . 259, 274, 275
Oil Outboard TC-W3 Premium 259, 275
Oil Premium Outboard TC-W3 259
Oil Premium Plus 275
Oil Pressure Gauge . 405, 425, 429, 433, 436, 440, 443, 445
Oil Pressure Sender Engine 122, 576
Oil Pump Crankcase 92, 313
Oil Pump Hose Adapter 314
Oil Remote Filter Kit 167
Oil Remote Tank 86, 411, 412, 538, 539
Oil Remote Tank Kit 412
Oil Sender Engine Pressure 122, 576
Oil Sender Kit Pressure 436, 440, 443, 445, 448, 449
Oil Tank Extension Hose 87
Oil Tank Hold Kit 86
Oil Tank Hose Extension 87
Oil Tank Remote 86, 411, 412, 538, 539
Oil Tank Remote Kit 412
Oil Temperature Gauge 405
Omega Bezel 392, 405
OptiMax Oil 260
O-Ring 237
O-Ring Cylinder Head 196
O-Ring Fill Cap 87
O-Ring Head Cylinder 196
Outboard 462
Outboard Cylinder Front Mount Pivot 625
Outboard Motor Lock 572
Outboard Oil Premium Plus 2-Cycle 275
Outboard Stabilizer Clip 42, 595

P

Paint 308
Paint Black 308
Paint Cold Fusion 272
Paint Light 308
Paint Phantom Black 272
Paint Phantom Black 308
Paint Propeller Black 308, 876
Paint Silver 308
Paint Warm Fusion 272
PCV Valve 244–248

Pickup Seawater 175, 211
Pickup Speedometer 446
Pickup Speedometer Kit 446
Pickup Speedometer Tubing 447
Pin Cotter 863
Pipe Kit Exhaust 128, 130, 137, 144, 147
Pipe Plug 71, 80
Pitot/Speed Sensor Kit 534
Pitot Sensor 535
Pitot Sensor Kit 421, 534
Pitot Speed Sensor Kit 534
Plate Assembly Transom Bracket 99
Plate Trim Tab 97
Plug 7, 230–234
Plug Asy 525, 569, 605
Plug Wrench/Screw 874
Positive Battery Cable 34
Power Clean Harness 552
Power Harness 508, 516, 552, 571
Power Relay Harness 491, 517
Powersports Grease 271
Power Steering Cylinder 599
Power Steering Fluid 310, 600
Power Steering Helm Kit 595, 599
Power Steering Primer Module 601
Power Steering Reservoir Kit 210
Power Steering Trim Fluid 273, 310
Power Trim 26
Power Trim Anode 99, 100, 231–236
Power Trim Cable 582, 583
Power Trim Control 576
Power Trim Extension Harness 581
Power Trim Gauge 426, 430, 433, 437, 443
Power Trim Harness Extension 581
Power Trim Harness Kit 471
Power Trim Kit 26, 582
Power Trim Kit Switch 27, 578, 580
Power Trim Kit Tilt 27
Power Trim Remote Control 465
Power Trim Sender 449, 450, 531
Power Trim Steering Fluid 273, 310
Power Trim Switch Kit 27, 578, 580
Power Trim Tilt Kit 27
Power Tune 298
Power Tune Cleaner Engine 298
Power Valve Block 209
Preliminary Shift Tool 640
Pressure Gauge 890
Pressure Hose 493, 606
Pressure Sender Engine Oil 122, 576
Pressure Sender Oil 448, 449
Pressure Sender Oil Kit 436, 440, 443, 445, 449
Pressure Transducer Kit 535
Primed Accent Panel 110
Primer Bulb Assembly 69, 70
Primered 110
Primer Light Gray 272
Primer Light Grey 308
Primer Module Power Steering 601
Pro Max Propeller 722
Prop Anode Nut Kit 100, 181, 856, 857
Prop Anode Nut Replacement 100, 181, 857
Prop Bushing 855
Prop Bushing Hub 855
Propeller 728, 732
Propeller 701
Propeller 727
Propeller Black Diamond 706, 804, 809
Propeller Black Max 703–705
Propeller Block 874
Propeller Bravo 707, 713, 717
Propeller Bravo I FS 724, 725
Propeller Bravo I Lab Finished 728, 729
Propeller Bravo I LT 722, 723
Propeller Bravo I OC 728
Propeller Bravo I XC 724
Propeller Bravo I XS 723, 724
Propeller Bravo Three Diesel 719
Propeller Bravo Three XR 734
Propeller Case 876
Propeller Cleaver 721
Propeller CNC Cleaver 735–737
Propeller CNC Cleaver 734–736
Propeller Coupler Shaft 176
Propeller Display 877
Propeller Enertia 711, 726

Propeller Fury 712
Propeller Fury 4 713
Propeller HighFive 715
Propeller Lightning E.T. 721
Propeller Lock McGard 894
Propeller Machete 701
Propeller MAX 5 . . . . . 729, 730
Propeller MAX 5 ST 731
Propeller Maximus 713, 714
Propeller Maximus Long Tube Lab Finished 732, 733
Propeller Maximus Short Tube Lab Finished 733, 734
Propeller McGard Lock 894
Propeller Mirage Plus 715, 716
Propeller M-Series 720
Propeller Nemesis 805, 806
Propeller Nemesis Pontoon 806
Propeller Paint Black 308, 876
Propeller Pro Max 722
Propeller Rev 4 727
Propeller Rev 4 727
Propeller Revolution 4 . . . . . 711, 712
Propeller Revolution 4 Lab Finish 727
Propeller Revolution 4 XP 725, 726
Propeller Revolution X 712
Propellers Bravo I LT 723
Propeller Shaft Coupler 176
Propeller Silverado 808
Propeller Spitfire 703
Propeller Spitfire CT 703
Propeller Spitfire X7 714
Propeller Spitfire XP 721
Propeller Stand 877
Propeller Tempest Plus 714
Propeller Trophy Plus 714, 715
Propeller Trophy Sport 715
Propeller Vengeance 716
Propeller Wrench 874
Propeller Zeus 719, 720
Prop Grease 271
Prop Hub Bushing 855
Prop Hub Bushing Kit 856
Prop Kit Anode Nut 100, 181, 856, 857
Prop Kit Nut 858–862
Prop Kit Nut Anode 100, 181, 856, 857
Prop Kit Reverse 856
Prop Nut 861, 862
Prop Nut Anode Kit 100, 181, 856, 857
Prop Nut Anode Replacement 100, 181, 857
Prop Nut Kit 858–860
Prop Nut Wrench 874
Prop Replacement Anode Nut 100, 181, 857
Prop Reverse Kit 856
Propshaft Kit 196, 211
Prop Slip Calculator 874
Prop Stow 875, 876
Prop Wrench 875
Pump Adapter Hose Oil 314
Pump Barrel 313
Pump Circulating Hose 161
Pump Fuel Electric 197, 198
Pump Fuel Filter 74, 77, 244
Pump Gear Lube 269, 302, 304
Pump Hose Circulating 161
Pump Hydraulic 636
Pump Impeller Kit 230, 244–248
Pump Impeller Water 230–237
Pump Kit, Boost 170
Pump Kit Cooler 632
Pump Kit Impeller 230, 244–248
Pump Kit Repair Water 234
Pump Kit Seawater 152
Pump Kit Trim 199
Pump Oil Crankcase 92, 313
Pump Oil Hose Adapter 314
Pump Repair Kit Water 234
Pump Seawater Kit 152
Pump Water 232, 233, 235, 236
Pump Water Impeller 230–237
PWC 2-Stroke 295

Q

Q3 Propeller 806, 807
Q4 Propeller 807
Quad Engine Fitting Kit 63
Quad Engine Flushing System 63
Quickare 298

Quick Disconnect 71
Quick disconnect elbow deck kit 65
Quick Disconnect End 71, 72
Quick disconnect mounting kit 64, 65
Quickleen 298
Quicksilver Bravo Three 809
Quicksilver Bravo Three 809
Quickstor 298

R

Racing Propeller 726, 727
Racing Propeller 726, 727
Rack Steering System 619
Recharge Kit 892, 893
Reed Valves Plastic 197
Reference Electrode Mercathode Tester 93, 178
Regulator/Rectifier Voltage Kit 20
Rejuvenate 260, 276
Relay Harness Kit 553
Relay Kit 553
Relief Valve Water Pressure 175, 202
Remote Control 456, 457, 461, 462, 465, 496, 499, 500
Remote Control 465–467
Remote Control, Panel Finger Release 461, 462
Remote Control Attaching Kit 471, 472
Remote Control Console Mount 463, 468, 469
Remote Control Conversion Kit 470, 471
Remote Control Engine Harness 36
Remote Control Side Mount 464–467
Remote Control Spacer 468
Remote Control Spacer Plate 467
Remote Dash Pad-SmartTow 459
Remote Oil Filter Kit 167
Remote Oil Tank 86, 411, 412, 538, 539
Remote Oil Tank Kit 412
Remote Switch 12FT 64
Remote Switch 18FT 64
Remote Switch 6FT 64
Remote Switch Harness Assembly 64
Remote Tank Adapter 82
repair 237
Repair Kit 890
Repair Kit Carburetor 230, 231, 244–246
Repair Kit Impeller 230, 231
Repair Kit Pump Water 234
Repair Kit Transom Exhaust Tip 127, 203
Repair Kit Water Impeller 230
Repair Kit Water Pump 231, 234, 237
Repair Pump Kit Water 234
Repair Pump Water Kit 234
Replacement Skeg 88
Repower Harness 540, 545
Reservoir Cap Power Steering 210
Reservoir Kit Gear Lube 121
Reservoir Kit Power Steering 210
Reservoir Relocation Kit 121
Resistor Assembly - Shadow Mode 567
Resistor Pack 567
Resistor Termination 2 Pin 524, 568
Retainer Wrench 211
Retaining Nut 409, 410
Retaining Ring 856
Reverse Gear 60
Reverse Kit Prop 856
Revolution 4 Lab Finish Propeller 727
Revolution 4 Propeller 711, 712
Revolution 4 XP Propeller 725, 726
Revolution Propeller 725
Revolution Propeller 727, 728
Revolution X Propeller 712
Rigging Hose 48, 49, 473
Rigging Hose Kit 48, 472, 473
Rigging Kit 49, 200, 506
Rigging Kit Optimax 411, 538
Ring Diffuser 857, 858
Ring Exhaust Seal 856
Ring Terminal 585
Ring Vent Control 856
Riser Hose Kit 134, 135, 153, 154
Riser Installation Kit 132, 135, 136, 142, 143
Riser Kit 131–134, 137, 142
Rocker Switch Trim 198
Rope Guide Starter 85
Rope Starter 85
Rope Starter Guide 85
Rotary Cable System 621

Rotary Steering System 622
Rotor Cap Kit 244–247
Rotor Kit 532
Rubber Hub 869–871
Rust Inhibitor 296

S

SAE 85W90 Gear Oil 270
Safety Line 892
Satin Finish 727, 728
SC1000 Harness 528, 549
SC1000 Harness Speedometer System 525, 542
SC1000 Harness Tachometer System 525, 542
SC1000 Speedometer 404
SC100 Harness 526, 527, 543
SC100 Speedometer System Link 407, 408
Screen Fuel Filter 76, 233–236, 238
Screen Fuel Filter Kit 76
Screen Fuel Pump 76
Seal Exhaust Ring 856
Seal Flush Kit 61, 163, 201
Sealing Compound 312
Seal Kit 59, 248, 631
Seal Kit Bearing Bearing 60
Seal Kit Cylinder 627
SeaPro 350HP Decal 110
SeaPro Decal 110
SeaStar Helm 624
SeaStar Helm Plate Kit 624
Seatbag 890
Seat Bench 889, 890
Seawater Hose Drain Kit 161
Seawater Pickup 175, 211
Seawater Pump Impeller Kit 249–251
Seawater Pump Kit 151, 152
Seawater Strainer 175
Sender Analog Power Trim 449
Sender Coolant Temperature 448
Sender Engine Oil Pressure 122, 576
Sender Kit Oil Pressure 436, 440, 443, 445, 449
Sender Kit Temperature 448
Sender Oil Pressure 448, 449
Sender Power Trim 449, 450, 531
Sender Trim 450
Sensor Depth/Temp 533
Sensor Kit Pitot/Speed 534
Sensor Kit Pitot Speed 534
Sensor Kit Steering 541
Sensor Kit Steering Speedo 540
Sensor Speed Temperature 532, 533
Sensor Steering Kit 541
Sensor Steering Speedo Kit 540
Sensor Temperature 532
Separating Water Fuel Filter 171–175, 244
Serpentine Belt 122, 151, 244–250
Serpentine Belt Kit 122, 151
Service Harness 641
Service Kit 100 Hour 236, 238, 240–242, 252–255
Service Kit 300 Hour 230, 236, 238–242, 252–255
Service Kit 300 Hour No Anodes 236, 242
Service Monitor 453
Shaft Alignment 640
Shear Pin 863
Shear Pin Kit 862
Shfit Actuator 517
Shift Attaching Kit 41
Shift Cable 212, 482, 483
Shift Cable Bellows 212, 213, 248, 475
Shift Cable Connector 474
Shift Cable Kit 248
Shift Preliminary Tool 640
Shift Throttle Cable 476–478
Shrink Tubing Heat 586
Side Discharge Idle Relief Outlet 207
Side Mount 467
Side Mount Remote Control 464–466
Silencer Kit 124
Silverado 808
Silver Cowl Accent 110
Silver Paint 308
Sim Module 512
Sim Module service 507
Sims Module 512
Single Console Outboard Trim 462
Single Engine Fitting Kit 63
Single Engine Flushing System 63

Single Engine Helm Kit 500
Single Outboard No Trim 462
Single Outboard Trim 462
Skeg 88, 872
Skeg Replacement 88, 89, 176, 177, 871, 872
Sleeve Adapter Drive 854, 855
Sleeve Assembly Hub 854
Sleeve Drive 848, 853, 854
Sleeve Drive Adapter 854, 855
Sleeve Hub Assembly 854
Slim Binacle Control 457
Slip Calculator Prop 874
SmartCraft Connect Single Engine Under Helm . . . 386, 410
SmartCraft Connect Under Cowl Single Engine . . . 386, 410
SmartCraft Connect Under Helm Dual Engine 386, 410
SmartCraft Connect Under Helm Triple & Quad . . . 386, 411
SmartCraft Extension 525, 542
SmartCraft Gauge Housing 410
SmartCraft Interface Device 539
SmartCraft J-Box Terminator/Resistor 524, 568
SmartCraft Monitor SC1000 System 403
SmartCraft SC1000 System Monitor 403
SmartCraft System Monitor SC1000 403
SmartCraft Terminator/Resistor J-Box 524, 568
SmartCraft Weather Cap 524, 568
Smart Tow Pro Speedo 404
Snapper Clamps Fuel Line 74, 80, 173
Snorkel Kit 350 Verado 200
Snubber Strip 856
Spacer 863, 864
Spacer Drive 202, 203
Spacer Drive Kit 202
Spacer Kit 51, 463, 464
Spacer Kit 2.5 Inch 203
Spacer Kit NXT1 203
Spacer Kit Trim Limit 121
Spacer Propeller 863
Spacer Remote Control 468
Spark Plug 5–11, 114, 115, 233–238, 244–248
Spark Plug 7, 230–234
Spark Plug Wire Set 238
Speed Kit 389
Speed Kit Dual 389
Speed Kit Dual 390, 392
Speedometer . . . 423, 424, 427, 428, 431, 432, 435, 438, 439, 441, 442, 444
Speedometer Harness SC1000 System 525, 542
Speedometer Kit Pickup 446
Speedometer Link SC100 System 407, 408
Speedometer Pickup 446
Speedometer Pickup Kit 446
Speedometer Pickup Tubing 447
Speedometer SC1000 404
Speedometer SC100 System Link 407, 408
Speedometer Tubing Pickup 447
Speedo Pitot Harness 539, 540
Speed Temperature Sensor 532
Spitfire Pontoon Propeller 702
Spitfire Propeller 702
Spitfire X7 Propeller 714
Spitfire XP Propeller 721
Splash Cover 221–225
Splash Plate 204
Splice Clip 586
Sport HD Inflatable 885, 887
Sport Inflatable 881, 883
SportJet Impeller 873, 874
Stand Propeller 877
Start/Stop Station Panel 576
Starter Guide Rope 85
Starter Rope 85
Starter Rope Guide 85
Start Kit Electric 34, 35
Start Stop Pad 559
Start Stop Switch Pad 559, 560
Stator 197
Steering Arm Bracket 631
Steering Arm Extension Kit 631
Steering Attaching Kit 627, 628
Steering Attachment Cable 631
Steering Bracket 629, 631
Steering Bracket Arm 631
Steering Bracket Handle 48, 629
Steering Cable 214, 619, 620, 622, 633
Steering Cable Attachment 631
Steering Cable Bellows 215, 633
Steering Cylinder Fitting 494, 495

Steering Cylinder Front Mount 625
Steering Fluid Helm Hydraulic 310, 617
Steering Fluid Power Trim 273, 310
Steering Handle Bracket 48, 629
Steering Helm 214, 623, 632
Steering Hose Joystick 492, 493, 602, 606
Steering Kit 628
Steering Kit Extension Arm 631
Steering Kit Hydraulic 615
Steering Link Rod 627, 628
Steering Position Indicator Kit 208
Steering Sensor Kit 541
Steering System 618–622
Steering Wheel 592, 593
Sterndrive Alpha 188
Sterndrive Bravo 188–190
Sterndrive Kit 626
Sterndrive Lock 894
Stop Cap Lanyard Switch 199, 566
Stop Switch Lanyard 198, 199, 565, 566
Storage Bag 58, 309
Storage Seal 296
Storage Seal Rust Inhibitor 296
Straight Quick Disconnect Deck Kit 65
Sun Cover Cummins 384
Switch, Stop 566
Switch Assembly Key 215, 216, 553, 554, 556, 557
Switch Assembly Neutral Interlock 36
Switch Emergency Stop 509
Switch Kit 456, 556, 561
Switch Kit Power Trim 27, 578, 580
Switch Kit Trim Limit 31, 579, 580
Switch Momentary Toggle 199
Switch Stop 566
Switch Toggle 199
Switch Toggle Momentary 199
Synthetic Blend SAE 25W50 284
System Link Adapter 526, 542
System Link Harness 526, 543
System Speed SmartCraft Gauge 388–391
System Tach SmartCraft Gauge 388–391

T

Tab Disconnect 586
Tab Trim 95–98, 182, 230–233, 869
Tab Trim Anode 98, 182, 230, 231, 869
Tab Washer 865
Tachometer 430, 431, 438, 441
Tachometer Harness 575
Tachometer Harness SC1000 System 525, 542
Tachometer Kit 391, 423, 427, 434, 435, 441, 444
Tachometer Kit 389, 392
Tachometer Link SC100 System 398–401, 407
Tachometer SC100 System Link 398–401, 407
Tachometer Speed Kit 390
Tachometer Speed Kit 390
Tachometer Speed Kit 389
Tachometer Speed Kit Dual 389
Tailpipe Kit Close Couple 206
Tailpipe Kit Driveline 206
Tailstock Assembly 204
Tailstock KIt 166
Tank Adapter Replacement 87
TC-W3 Premium Outboard Oil 259, 274, 275
TCW3 Premium Plus Oil 259
TDI Drive Extension Harness 508
TDI Engine Assembly Kit 506
TDI Engine Harness 507
TDI Engine Oil 292
TDI Lift Pump Extension Harness 507
TDI Sterndrive Harness Kit 506
TDI Vessel Sensor Harness 508
Tee 537
Tee Fitting Female 603
Tee Fitting Male 603
Telltale 94
Telltale Kit 94
Temperature Gauge 439, 445
Tendy Inflatable 880, 881
Terminal Block 553
Terminal Bullet 585
Terminal Bullet Receptacle 584, 585
Terminal Ring 585
Terminator 524, 568
Terminator/Resistor J-Box SmartCraft 524, 568

Terminator Assembly 524, 568
Thermostat 230–237, 244–250
Thermostat Assembly 83, 232–234, 237, 238
Thermostat Kit 82, 83, 232, 237, 244–247
Threaded Hose Barb 71, 172, 173
Threaded Hose Barb Brass 70
Threaded Hose End 70, 71, 73, 80, 172
Throttle/Shift Kit Station 474, 481
Throttle and Shift 478–480
Throttle and Shift Cable 480
Throttle Shift Cable 213, 214, 476–478, 480, 481
Throttle Shift Kit 41, 42, 594
Thru-Hull Depth/Temp Sensor 533
Thru-Hull Triducer Insert 533
Thrust Washer 859, 865–869
Thrust Washer Prop 868
Thunderbolt 808
Tie Bar 607
Tie Bar Bracket with Bosses 608
Tie Bar Dual Engine 630, 632
Tie Bar Extension 630
Tie Bar Kicker Kit Port 608
Tie Bar Kicker Kit Starboard 608
Tie Bar Kit 609, 627
Tie Bar Kit Liquid 608
Tie Bars-Dual Engines 608, 623
Tie Bar Triple Engine 608
Tie Bar Trolling Motor 609
Tie Rod Kit 609
Tie Strap 590
Tiller Handle 593
Tiller Handle Conversion 39
Tiller Handle Conversion Kit 39, 40
Tiller Handle Kit 39–41
Tilt Helm Mchanism 597
Tilt Mechanism 618
Tilt Panel 579
Tilt Support 32
Timing Belt 232
Toggle Switch 199
Toggle Switch Momentary 199
Tool 641
Tool 641
Tool Crimping 586
TOOL KIT 639
Top Cowl Storage Bag 58, 309
Torpedo Bore Cover Assembly NXT1 209
Trailering Clip 32, 121
Transducer Insert Housing 533
Transducer Pressure Kit 535
Transmisison Oil Filter 291
Transmission 195
Transmission Assembly 195
Transmission Filter 237
Transmission Oil Temp Gauge 396
Transom Assembly 187, 188
Transom Bolt 58, 59, 237
Transom Bolt Kit 58, 59, 237
Transom Bolt Kit 58
Transom Bolt Nuts 58
Transom Discharge Idle Relief Outlet 207
Transom Drill Fixture X-Haust 207, 208
Transom Exhaust Tip 127, 203
Transom Mounted Ignition Key Switch 36, 559
Transom Mount Triducer 532
Transom Nut Lock 571
Trim Adaptor 578
Trim Cylinder Anode 183
Trim Gauge 406, 440, 446
Trim Gauge, Analog 433
Trim Harness 578
Trim Harness Tool 640
Trim Hose 199
Trim Hose Extension Kit 208
Trim Limit Spacer Kit 121
Trim Limit Switch Kit 31, 579, 580
Trim Pad 576
Trim Pump Kit 199
Trim Reducer Kit 31
Trim Remote Control 465, 466
Trim Sender 450, 523
Trim Sensor Assembly 531, 532
Trim Stick Converter 450, 523
Trim Switch Adapter Harness 577
Trim Switch Harness 581
Trim Switch Kit 40

Trim Tab 95–98, 182, 230–233, 869
Trim Tab Anode 98, 182, 230, 231, 869
Trim Tab Interface Kit 541
Trim Tilt Kit 450, 579
Triple Engine Fitting Kit 63
Triple Engine Flushing System 63
Triple Engine Tie Bar 608
Troll Control 421, 581
Troll Control Kit 42, 581, 594
Trophy Plus Propeller 714, 715
Trophy Sport Propeller 715
Tubing Bulk 447
Tubing Speedometer Pickup 447
TVS Harness 553
Twin Engine Fitting Kit 63
Twin Engine Flushing System 63
Two Stroke Race Oil 260, 276

U

U-Joint Bellows 248

V

Vacuummate 176
Valve PCV 245–248
V-Belt 244, 250
Vengeance Propeller 716
Vent Control Ring 856
Vent Fitting 872, 873
Vent Plug 872
Verado12 Propeller 717
Verado12 Propeller 717
Verado Decal 110
Verado Kicker Kit Electric 618
Verado Oil 284
Verado Paint 272
Verado Panel 110
Vessel Interface Panel 510–513
Vessel Panel 510, 511
Vessel Panel Kit 510
Vessel Sensor Extension Harness 508, 509, 516, 517
VesselView403 . . . . . 383, 384
VesselView403 Bezel 384
VesselView403 Sun Cover 384
VesselView 4 Adapter Plate 386
VesselView502 . . . . . 383, 385
VesselView502 Bezel 384
VesselView502 Power Harness 385
VesselView502 Sun Cover 384
VesselView702 Power Harness 385
VesselView703 383–385
VesselView703 Sun Cover 383
VesselView903 . . . . . 382, 384, 385
VesselView903 Sun Cover 383
VesselView Link 384
VesselView Link Bracket 385
VesselView Link Harness 385
VesselView Mobile 386
VesselView Video Cable 385
VIP Module 512
Voltage Gauge 406, 407
Voltage Regulator/Rectifier Kit 20
Volt Meter 424, 428, 432, 435, 439, 442, 444

W

Warning Horn Kit 572
Warning Kit Horn 572
Washer 864
Washer Flat 58
Washer Forward Thrust 866
Washer Propeller 864, 865
Washer Propeller Shaft 865
Washer System Link 865
Washer Tab 865
Washer Thrust 859, 865–869
Washer Transom Support 56
Water Eliminator 74, 170, 299
water imepller kit 237
Water Impeller Kit 19, 231, 248
Water Impeller Repair Kit 19, 230, 231
Water In Fuel Sensor 79
Water Inlet 65
Water Inlet Plug Kit 88
Water Level Gauge 406
Water Pick Up Kit 209
Water Pressure Gauge . . . 425, 429, 432, 433, 436, 439, 440, 442, 443, 445

Water Pressure Kit 447
Water Pump 232–236
Water Pump, Complete 235, 236
Water Pump Housing Kit 238
Water Pump Impeller 230–237
Water Pump Kit 19, 232–234
Water Pump Kit 238
Water Pump Kit Heavy Abrasion 19
Water Pump Kit Repair 234
Water Pump Repair Kit 231, 234, 237
Water Pump Repair Kit 238
Water Repair Impeller Kit 230
Water Separating Filter 170
Water Separating Filter Kit 81
Water Separating Fuel Filter . . . 77–79, 81, 171–175, 234, 236, 237, 244–250
Water Separating Fuel Filter - Boat Mounted 81, 237
Water Separating Fuel Filter Kit 81
Water Separating Fuel Filter - On Engine 81, 236
Water Temp 424, 425, 428, 429, 432, 435, 436, 442
Water Temperature Gauge 424, 425, 428, 432, 435, 436, 442
Water Temperature Sender 447, 448
Water Thermostat 233
Weather Cap 524, 548, 568
Weather Cap NMEA2K 538
Wedge Carburetor Kit 149
Wedge Kit Carburetor 149
White Paint 272
WIF Harness Extension 80, 81
WIF Sensor 79
Wing Plate 205
Wire Spark Plug Set 238
Wrench Oil Filter 91, 92, 172, 291, 314, 315
Wrench Prop 875
Wrench Retainer 211

X

X-Haust Muffler Kit 206, 207
X-Haust Transom Drill Fixture 207, 208

Y

Y-Harness 526, 542, 574, 581

Z

Zero Effort Control 469
Zero Effort Digital Control 459
Zero Effort Trim Adapter Harness 578
Zero Torque Feedback Rotary Steering System 622
Zeus Helm Board 513
Zeus Propeller 719, 720
Zeus Propeller M-Series 720

Notes:

QUICKSILVER
Marine Parts & Accessories

CONSULT PART AVAILABILITY & PRICING | PLACE ORDERS | PRINT INVOICES | REGISTER PRODUCTS

https://extranet.brunswick-marine.com



MercuryMarine.com

©2023, Mercury Marine. All rights reserved. Reproduction in whole or in part without permission is prohibited.

Printed in U.S.A. P/N 90-8M0211211