QUICKSILVER
Marine Parts & Accessories

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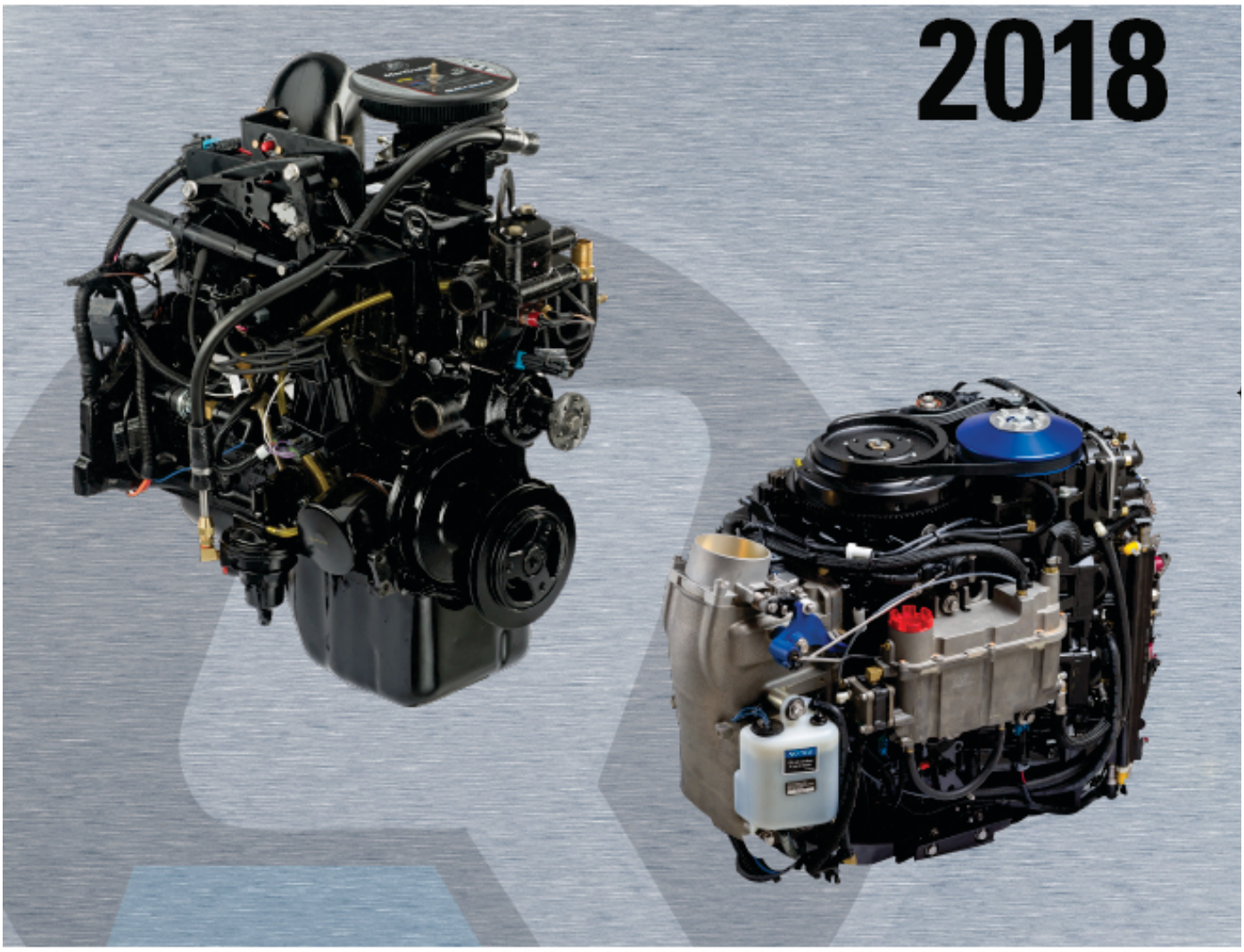
REPOWER PRODUCT GUIDE

2018



BRUNSWICK MARINE
IN EMEA

QUICKSILVER
Marine Parts & Accessories

QUICKSILVER®
Marine Parts & Accessories

Marine Lubricants

FLAGSHIP PROTECTION FOR ALL 4-STROKE MARINE ENGINES

ALL NEW 4-STROKE OIL TECHNOLOGY

Brand new 4-stroke oil formulations provide the best protection and performance.

3 things to know:

1 FOR USE IN ALL 4-STROKE MARINE ENGINES

New formula 4-Stroke oils for use in all brands of 4-stroke outboard, stern drive and inboard engines and exceeds all marine industry 4-stroke oil requirements including FC-W® and FC-W® Catalyst Compatible.

2 FLAGSHIP ENGINE AND CORROSION PROTECTION

- Industry leading strength and viscosity retention
- Ultimate corrosion and wear protection

3 THE MOST RECOMMENDED MARINE OIL #1

Over 5 years of engineering and development by the largest marine engine manufacturer in the world.

SYNTHETIC BLEND 25W-40

- Industry leading wear, shear and corrosion protection
- Additional shear protection for ultimate high temp /max output performance and protection
- ***The BEST Choice***

MINERAL 10W-30 & 25W-40

- Same level of corrosion and wear protection as synthetic blend
- Maintains peak engine reliability and performance
- The premium, value choice

	Four-Stroke Outboards			Gas Sterndrives/Inboards			
	Low HP 2.5 HP to 60 HP	Mid HP 75 HP to 115 HP	Above 115 HP (non-Verado)	Non-Catalyzed Engine	Catalyzed Engine	Part Number	
4-Cycle Mineral Oil 10W30	Good *	Good *	Good *	Not Recommended		1 Liter: 4 Liter: 208 Liter:	8M0082220 8M0082221 8M0082222
4-Cycle Mineral Oil 25W40	Good	Good	Good	Good **	Good **	1 Liter: 4 Liter: 208 Liter:	8M0082223 8M0082224 8M0082225
Synthetic 4-Cycle Oil 25W40	Best	Best	Best	Best **	Best **	1 Liter: 4 Liter: 208 Liter:	8M0082226 8M0082227 8M0082228

*10W30 is recommended for certain operating temperatures and manual start applications; consult owner's manual
**25W50 recommended in certain operating conditions and high-performance applications; consult owner's manual

QUICKSILVER
Marine Parts & Accessories

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.
Quicksilver Extreme Grease is a new grease that provides better rust and corrosion protection than the greases it replaces. It also provides better wear protection in high temperature, high load applications. Extreme grease is a calcium-sulfonate based NLGI 2 grease that meets GCLB requirements and can be used in the applications listed in the chart below:

Application:	Marine		ATV/UTV and Motorcycles	Snowmobiles	Trailers	Auto
	Outboard	Stern Drive				
Steering systems/cable, linkages	2-4-C	2-4-C	Extreme	Extreme		
Throttle & shift cables & linkages	2-4-C	2-4-C	Extreme	Extreme		Extreme
Remote controls	2-4-C	2-4-C				
Prop shafts	2-4-C	2-4-C				
Swivel pins	2-4-C	2-4-C				
Tilt lock mechanism/tilt tube	2-4-C					
Hinge pins		2-4-C				
Drive shaft splines (engine couplers)		Extreme				Extreme
Gimbal bearings		Extreme				
U-Joints		Extreme	Extreme			Extreme
Suspension systems			Extreme	Extreme	Extreme	Extreme
Chassis			Extreme			Extreme
Ball joints						Extreme
Disc brakes & ABS applications			Extreme	Extreme		Extreme
Trailer wheel bearings Boat Trailers Campers Utility Trailers					2-4-C Extreme Extreme	

Previous Product Line

2-4-C Marine Grease
Special 101

Engine Coupler / Spline Grease
U-Joint/Gimbal Bearing Grease
Anti-Corrision Grease

Needle Bearing Assembly Grease

New Product Line

2-4-C Marine Grease replaces Special 101
- Better wear protection
- Compatible with other greases

Replaced by **Extreme Grease**
- Protects better than previous greases
- Superior rust and corrosion protection
- Won't break down under high heat

Assembly Grease
- Same formula - new name
- Conveniently packaged in 1 lb tubs

Previous Part Number	Product Description	Replaced by	Product Description
92-802868Q1	Needle Bearing Assembly Lubricant 8 oz tube @ 6	92-8M0071836	Assembly Grease – 16 oz tub @ 4
92-802865Q02	Special 101 Lubricant 8 oz tube @ 6	92-8M0121966	2-4-C Marine Grease – 8 oz tube @ 12
92-802871Q1	U-Joint & Gimbal Bearing Lubricant 3 3 oz cartridges @ 10	92-8M0071837	Extreme Grease – 3 3oz cartridges @ 10
92-802870Q1	U-Joint & Gimbal Bearing Lubricant 14 oz cartridge @ 4	92-8M0071841	Extreme Grease – 14 oz cartridge @ 4
92-802867Q1	Anti-Corrosion Grease – 8 oz tube @ 6	92-8M0071838	Extreme Grease – 8 oz tube @ 6
92-802869Q1	Engine Coupler / Spline Grease 14 oz cartridge @ 4	92-8M0071841	Extreme Grease – 14 oz cartridge @ 4

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PRODUCT INTRODUCTION

Repowering a boat provides the best value to go boating. Mercury Marine leads the industry with: the most comprehensive line-up of products backed by a factory limited warranty, professional service support, and the fastest delivery to maximize your time spent on the water. This leadership comes from engaged people who deliver innovative products with efficient services to provide the best products and support for repowering most recreational boats on a global scale. We organize our comprehensive portfolio into different brands of products:

- Mercury Outboards, Sterndrives and Inboards
- Quicksilver Parts and Accessories
- Mercury Remanufacturing
- Quicksilver Remanufacturing

Mercury Outboards, Sterndrives and Inboards provide the latest technology with award winning products for new boats and repowering. These specialized products concentrate on supporting new technologies such as: Emissions Control Technology, Digital Throttle and Shift, Joystick Piloting, and advanced 4-Stroke engine designs integrated with new boat hulls to reduce NVH. These products are covered in other publications.

For over 65 years Quicksilver Parts and Accessories have been available in retail stores, independent marine dealerships, powersports dealerships and local convenience stores. A new chapter in Quicksilver history opens with 100% new Quicksilver engines to provide support for marine and non-marine legacy engines for years to come. Check out all the 100% new Plus Series, Crate Engines, Value Series longblocks, and Iron Cylinder Heads available to effect major repairs for all types of legacy engines and repower classic boats for years to come.

The growth of Mercury Remanufacturing continues as the marine service industry realizes the benefits of quality remanufactured & fully dressed Plus Series from Mercury. Mercury Remanufacturing continues to expand our family of products helping marine dealers provide even more ways to save time and money.

Quicksilver Remanufacturing offers major assemblies at the highest quality and best value in the market today! No one provides as much included content to lower over cost, maximize quality, and reduce the time it takes to get the job done. Quicksilver Remanufacturing specializes in premium: longblocks, powerheads, transmissions, & cylinder heads.

Get your Customers back on the water faster with the assurance of a Mercury factory-backed limited warranty. Repowering offers a tremendous value to you and your customers with our products and services that stand unique in the marine industry for good reason:

- ✓ World class products to repower most recreational boats
- ✓ The only Marine OEM who remanufactures
- ✓ Factory Warranty and Service Support
- ✓ Product available globally at thousands of dealers

Visit us at www.quicksilver-products.com or via Extranet for inventory, special promotions, seasonal programs, frequently asked questions, and much more!

WARRANTY STATEMENT

ONE YEAR STANDARD LIMITED WARRANTY STATEMENT

Mercury and Quicksilver Remanufacturing Products and Accessories Limited Warranty
Europe, Middle-East and Africa

A. ***Mercury Marine*** warrants each Remanufactured product and or accessory (not those made for high performance purposes) manufactured or sold by it to be free from defects in material and workmanship; but only when the consumer sale is made in the country to which distribution is authorized by us, and then only after the pre-delivery inspection process specified by ***Mercury Marine*** is completed and documented.

B. The warranty shall remain in effect for a period of one year from the date of retail purchase.

C. This warranty does not cover normally worn parts, adjustments, tune-ups, or damage caused by: 1) Neglect, lack of maintenance, accident, abnormal operation or improper installation or service; 2) Use of any product or accessory not manufactured or sold by us; 3) Operation with fuels, oil or lubricants which are not suitable for use with the products or accessories; 4) Participating in or preparing for racing or other competitive activity or operating with a racing type or modified lower unit; 5) Water entering engine cylinder(s) through exhaust system, carburetion, or fuel injection system; 6) Failure or damage caused by fuel deterioration or phase separation, fuel formulation, contamination, varnishing, or gumming.

D. Our obligation under the warranty is limited to repairing a defective part, or refunding purchase price, or at our option replacing such part or parts with either new or **Mercury** factory certified remanufactured parts as shall be necessary to remedy defects in materials or workmanship as covered by this warranty. The repair or replacement of parts, or the performance of service, under this warranty, does not extend the period of this warranty beyond its original expiration date. We reserve the right to improve the design of any ***Mercury and Quicksilver Remanufacturing*** product or accessory without assuming any obligation to modify any *Mercury* product or accessory previously remanufactured.

E. Claims shall be made under this warranty by delivering the product or accessory for inspection to a Mercury Marine dealer authorized to service the product. If purchaser cannot deliver product or accessory to such authorized dealer, he may give notice in writing to the company. We shall then arrange for the inspection and repair, provided such service is covered under this warranty. Purchaser shall pay for all related transportation charges and/or travel time. If the service is not covered by this warranty, purchaser shall pay for all related labor and materials, and any other expenses associated with that service. Any product or accessory shipped by purchaser for inspection or repair must be shipped with transportation charges prepaid. The purchaser must provide a valid invoice listing the product and/or accessory showing date of purchase from one of Mercury Marine's authorized dealers.

F. Reasonable access must be provided to the product for warranty service. This warranty will not apply to: 1) Haul-out, launch, towing and storage charges; telephone or rental charges of any type, inconvenience, or loss of time or income; or other consequential damages; or 2) Removal and/or replacement of boat partitions or material because boat design for necessary access to the product.

G. Parts which, upon inspection, have been found to be not failed or not required to complete repairs, or were replaced without proper authorization will be returned.

THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS ARE EXPRESSLY DISCLAIMED TO THE FULLEST EXTENT PERMITTED BY LAW.
TO THE EXTENT THAT THEY CANNOT BE DISCLAIMED, THE IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIFE OF THE ***Mercury and Quicksilver Remanufacturing*** LIMITED WARRANTIES. ALL INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM COVERAGE UNDER THIS WARRANTY.

WARRANTY PROCEDURE

Limited Warranty Procedure

- For limited warranty work and fulfillment, customers are encouraged to contact their selling dealer or nearest authorized Mercury/Mariner Service dealer concerning any product issues due to material or workmanship
- Registration, Retail Invoice & Pre-Delivery Inspection (PDI) forms
    - These documents are required for fulfillment of the limited warranty
    - Serialized products must be registered
    - Copies of the original invoice and PDI forms are acceptable as hardcopy, by fax, or in an electronic format
    - A proof of limited warranty statement offers the reminder that the invoice and PDI form are the required for limited warranty, but by itself does not fulfill these requirements
- Transfer of Coverage – The original retail invoice and PDI form are required for fulfillment of the limited warranty. Unexpired warranty coverage can be transferred from one recreational use customer to a subsequent recreational use customer with a copy of the original invoice and PDI form.
- If a product return is in order, the following should accompany any and all product returns to help provide timely processing of warranty claims:
    - A copy of the retail invoice
    - A copy of the PDI form
    - Warranty claim
- For product returns, all parts should be returned for full credit

ELIGIBILITY FOR LIMITED WARRANTY

Eligibility for Limited Warranty

IMPORTANT: When replacing a longblock, the following requirements must be met in order to ensure eligibility for the Limited Warranty.

- ☐ If the engine is equipped with an oil cooler, the oil cooler must be replaced in order to prevent the probability of a premature internal engine failure.

  NOTE: *If the cooler is not replaced, the longblock will not be eligible for warranty consideration. If an internal engine failure should occur that is eligible for warranty consideration, a copy of the invoice indicating the purchase of an original type OEM oil cooler is required.*

- ☐ All oil lines and oil filter adapters must be flushed with a clean solvent to eliminate the probability of bearing damage to the engine.
- ☐ Clean the intake manifold induction runners to ensure that they are free of debris.
- ☐ Replace or clean fuel system components (carburetor or injectors) to ensure proper operation. Verify fuel system pressures to ensure proper flow.
- ☐ Clean cooling system component passages to ensure that they are free of pieces of seawater pump impellers and other types of debris. Verify the condition of the thermostat housing, and install a new thermostat.
- ☐ Inspect exhaust system components.
  - Disassemble manifolds, risers, and elbows to ensure that gasket surfaces are flat and sealable.
  - Leak-test manifolds for internal leaks.
  - Use new gaskets in reassembly.
  - Verify the integrity of exhaust shutters for sterndrive applications.
- ☐ In the dress assembly process of a longblock, use new gaskets and o-rings as required.
- ☐ Refer to the appropriate Mercury MerCruiser Service Manual for proper assembly instructions and torque specifications.
- ☐ When replacing a transmission, the transmission oil cooler must also be replaced in order to prevent the probability of a premature transmission failure.

  NOTE: *A copy of the invoice for an oil cooler or transmission/cooler assembly is required for warranty authorization for the transmission. If the cooler has not been replaced, the transmission will not be eligible for warranty consideration.*

- ☐ Prime the engine's oiling system before installing the distributor. Refer to **Oil System Priming for Remanufactured Engines and Longblocks**.
- ☐ Before installing the engine in the boat:
  - Connect the engine to a water supply, battery power, fuel, and 3-ft exhaust hoses (connected to the exhaust elbows).
  - Start the engine; verify oil pressure and ignition timing; examine for fuel, oil, and water leaks; and inspect for loose components.
  - Verify the engine is ready to be installed in the boat.
- ☐ After the engine is fully installed in the boat, complete the Predelivery Inspection worksheet and place a copy in the customer file and another with the invoice.

  NOTE: *The Predelivery Inspection worksheet is required for warranty authorization.*

PRE-DELIVERY CHECK LIST - REPOWER

PREDELIVERY INSPECTION—REPOWER

Predelivery Inspection Checklist

Not Applicable	Check / Adjust	Task
Check Before Running:		
☐	☐	Drain plug in and petcocks closed
☐	☐	Seawater inlet valve open
☐	☐	Engine mounts tight
☐	☐	Engine alignment
☐	☐	Drive unit fasteners torqued
☐	☐	Power trim cylinders fasteners tight
☐	☐	Battery fully charged and secured
☐	☐	All electrical connections tight
☐	☐	Exhaust system hose clamps tight
☐	☐	All fuel connections tight
☐	☐	Correct rotation propeller (installed and torqued)
☐	☐	Throttle, shift and steering system fasteners tightened properly
☐	☐	Throttle plates open and close completely
☐	☐	Crankcase oil level
☐	☐	Power trim oil level
☐	☐	Sterndrive unit oil level
☐	☐	Power steering fluid level
☐	☐	Closed cooling level
☐	☐	Transmission fluid level
☐	☐	Alternator belt tension
☐	☐	Seawater pickup pump belt tension
☐	☐	Power assisted steering pump belt tension
☐	☐	Audio warning system operation

Not Applicable	Check / Adjust	Task
On-Water Testing:		
☐	☐	Engine alignment (inboards only)
☐	☐	Starter neutral safety switch operation
☐	☐	Water pump operation
☐	☐	Instruments operation
☐	☐	Fuel leaks
☐	☐	Oil leaks
☐	☐	Water leaks
☐	☐	Exhaust leaks
☐	☐	Ignition timing
☐	☐	Idle_____ RPM, within specifications
☐	☐	Forward - Neutral - Reverse gear operation
☐	☐	Steering operation throughout range
☐	☐	Acceleration from idle RPM
☐	☐	WOT_____ RPM within specifications (in **forward** gear)
☐	☐	Power trim operation
☐	☐	Trim tab adjustment/Boat handling
After On-Water Testing:		
☐	☐	Propeller nut torque
☐	☐	Fuel, oil, coolant, water, and fluid leaks
☐	☐	Oil and fluid levels
☐	☐	Apply Quicksilver Corrosion Guard to engine package
☐	☐	Verify presence of operation and maintenance manual
For boats registered to residents of California:		
☐	☐	CARB hang tag in boat
☐	☐	CARB decal properly affixed to boat hull
☐	☐	California Prop 65 hang tag in boat

Dealer / Technician Signature: _____

Date: _____

Products of Mercury Marine
W6250 Pioneer Road.
Fond du Lac, WI 54936-1939

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Notes:

OUTBOARD POWERHEAD FEATURES

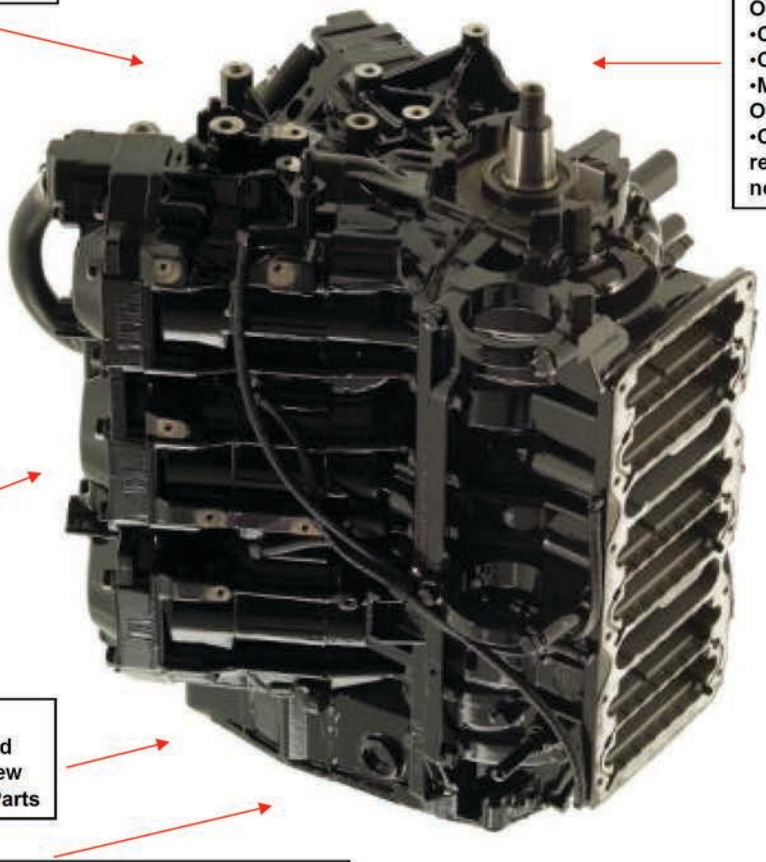
QUICKSILVER Remanufacturing

Outboard Powerheads

- Remanufactured back to Mercury factory specifications
- Less expensive than rebuilding
- Many new parts included
- 1 Year Limited Factory Warranty
- Other's engines may lack essential Quicksilver Exclusive Parts for Performance & Durability

New Quicksilver Gaskets and Bearings

CNC Machined Remanufactured Outboard Block
- **CNC Honed**
- **CNC Deck Machining**
- **Max 0.030" CNC Overbore**
- **Cylinder sleeves replaced as necessary**



Latest Engineering Updates to Key Components

Pistons, Rods, and Crankshafts Replaced as Necessary with New Quicksilver Factory Parts

A Fresh Coat of Phantom Black Paint

Sonic Cleaning Process
- **Prevents Internal Corrosion and damage from debris**
- **Cleaned like jewelry**
- **No abrasive cleaning to remove protective coatings**
- **Blind passages completely cleaned**

Verado & Four-Stroke Powerheads include all necessary hardware!!!

225 - 250 PROXS DRESSED POWERHEADS

NO GUTS, NO GLORY

Introducing fully blueprinted Quicksilver Remanufactured dressed powerheads and the CPO TM1 gearcase for the Mercury 225 & 250 ProXS outboards.

All new fuel rails, PCM, injectors, air pump, and electrical are bolted to a Quicksilver Remanufacturing powerhead. This delivers a powerhead that is fully dressed, factory hot-tested, and ready to fish.

With a 1 year limited factory backed Mercury P&A warranty, these can get you back on the water in record time without breaking the bank.

Description	Part Number	Serial # Range
225 PRO XS Dressed Powerhead	714-61-8M0128367	1B973744 & above
250 PRO XS Dressed Powerhead	714-61-8M0125790	1B973744 & above
CPO TM1 Gearcase 1.75:1, 20" (L)	714-8M0111797	1B973743 & below

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QUICKSILVER
www.quicksilver-products.com

REMANUFACTURED FULLY DRESSED POWERHEADS

Introducing Quicksilver fully dressed remanufactured powerheads for Mercury outboards. A fully dressed powerhead minimizes cost, reduces installation time, improves reliability, and has customers ready to fish in record time.

100% new dress parts such as: plenum, TBU, sensors, calibrated fuel rails, alternator, VST, injectors, air pump, and electrical are installed onto a factory remanufactured powerhead from Quicksilver. A new PCM is set for the break-in period, and the full assembly is factory hot tested prior to shipment. For best performance, inspect the old exhaust tube prior to powerhead installation to verify it is not plugged nor corroded.

With a 1-year limited factory backed, Fully Dressed Powerheads get you back on the water in record time without breaking the bank.

225 PROXS DRESSED POWERHEAD

61-**8M0128367**

Remanufactured outboard powerhead, 100% new dress parts. Direct Fuel Injection Technology. Compatible with exhaust tube 8M0075819.

Fits the Mercury/Mariner V-225 Pro XS, DFI (3.0L) OptiMax outboard, 1B973744 and above.

250 PROXS DRESSED POWERHEAD

61-**8M0125790**

Remanufactured outboard powerhead, 100% new dress parts. Direct Fuel Injection Technology. Compatible with exhaust tube 8M0075819.

Fits the Mercury/Mariner V-250 Pro XS, DFI (3.0L) OptiMax outboard, 1B973744 and above.

300 XS DRESSED POWERHEAD

61-**8M0137238**

Remanufactured outboard powerhead, 100% new dress parts. Direct Fuel Injection Technology. Compatible with exhaust tube 833116A14.

Fits the Mercury/Mariner V-300 XS, DFI (3.2L) OptiMax outboard, 1E052058 and above.

REMANUFACTURED 2-STROKE OUTBOARD POWERHEADS

Quicksilver offers a wide variety of 2-Stroke and 4-Stroke remanufactured powerheads for Mercury and Mariner applications between 75-300 HP. All powerheads are completely disassembled, precision machined, honed, cleaned and assembled by a team of factory technicians. Remanufactured to fully jeweled precision with 100% OEM components using the latest engineering revisions, these products are the only logical choice for a remanufactured powerhead. Quicksilver's remanufactured powerheads come with a 1-year factory limited warranty.

3-CYLINDER POWERHEAD, MERCURY/MARINER

POWERHEAD OUTBOARD

809837R97

Remanufactured outboard powerhead (Carbureted technology).

Fits oil injected Mercury/ Mariner 75/90hp. Carbureted outboards (s/n 0D283222 and above). This replacement powerhead works in both CDM and non-CDM applications.

POWERHEAD OUTBOARD

895233R05

Remanufactured outboard powerhead (Direct Fuel Injection technology).

Fits Mercury/Mariner 75hp. DFI (1.5L) outboards, serial number 0T980000 and above.

891767R04

Remanufactured outboard powerhead (Direct Fuel Injection technology).

Fits Mercury/Mariner 90/115/125hp. DFI (1.5L) and the 115 Pro XS outboards, serial number 0T801000 and above.

4-CYLINDER POWERHEAD, MERCURY/MARINER

POWERHEAD OUTBOARD

17791R97

Remanufactured outboard powerhead (Carbureted technology).

Fits oil injected Mercury/ Mariner 100/115/125hp. Carbureted outboards (s/n 0D283222 and above). This replacement powerhead works in both CDM and non-CDM applications.

4-CYLINDER POWERHEAD, FORCE

POWERHEAD OUTBOARD

800-**818154R48**

Remanufactured Force Outboard Powerhead

Replaces 1996-1999 Force 120, 4-cylinder in-line engines with oil-injection. Designed for 15-spline driveshaft applications only. (s/n 0E138600 - 0E369299)

2.5 LITER POWERHEAD, MERCURY/MARINER

POWERHEAD OUTBOARD

879808R01

Remanufactured outboard powerhead, Direct Fuel Injection technology.

Fits the Mercury/Mariner V-135/150 Optimax (2.5L), 0T178500 and above.

823434R97

Remanufactured outboard powerhead, both Carbureted and Electronic Fuel Injection technologies.

Fits the Mercury/Mariner V-150 EFI (2.5L) outboard, 0D182000-0G960499), the V-150 Carbureted (2.5L) outboard (0G760300-0G960499), and fits the V-150 XR6/ Tracker 150 EFI (2.5L) outboard (0D284788-0G960499).

823434R00

Remanufactured outboard powerhead, both Carbureted and Electronic Fuel Injection technologies.

Fits the Mercury/Mariner V-150/V-150 XR6 Carbureted (2.5L) outboards (0G960500-1B226999), and fits the V-150 EFI (2.5L) outboard (0G960500-0T408999).

883511R04

Remanufactured outboard powerhead, Electronic Fuel Injection technology.

Fits the Mercury/Mariner V-150 EFI (2.5L) outboard, 0T409000 and above.

812817R97

Remanufactured outboard powerhead, both Carbureted and Electronic Fuel Injection technologies.

Fits the Mercury/Mariner V-150 XR6 (2.5L) outboard (0D082000-0D284287), and the V-175 Carbureted and EFI (2.5L) outboards (0D082000-0G960499).

812817R00

Remanufactured Outboard Powerhead.

Replaces 2000-2001 Mercury or Mariner 175 Horsepower 2.5 Litre V-6 engines with O-ring design heads. EFI fuel system only (s/n 0G960500-0T408999).

883600R04

Remanufactured outboard powerhead, Electronic Fuel Injection technology.

Fits the Mercury/Mariner V-175 EFI (2.5L) outboard (0T409000-0T800999) and fits the V-200 EFI (2.5L) outboard (0T409000 and above).

879809R07

Remanufactured Outboard Powerhead.

Replaces 2001 and newer Mercury or Mariner 175 horsepower 2.5 litre V-6 direct fuel injected OptiMax powerheads. (s/n 0T178500 & Up)

POWERHEAD OUTBOARD

813043R97

Remanufactured outboard powerhead, both Carbureted and Electronic Fuel Injection technologies.

Fits Mercury/Mariner V-200 Carbureted or EFI (2.5L) outboards, 0D082000-0G960499.

813043R00

Remanufactured outboard powerhead, both Carbureted and Electronic Fuel Injection technologies.

Fits the Mercury/Mariner V-200 Carbureted (2.5L) outboard (0G960500 and above), and fits the V-200 EFI (2.5L) outboard (0G960500-0T408999).

3.0 LITER POWERHEAD, MERCURY/MARINER

POWERHEAD OUTBOARD

854198R99

Remanufactured Outboard Powerhead.

Replaces 1998-1999 Mercury or Mariner 200 horsepower 3.0 Litre V-6 OptiMax engines with Direct Fuel Injections systems. (s/n 0G590000-0G960499)

854198R01

Remanufactured outboard powerhead, Direct Fuel Injection technology.

Fits Mercury/Mariner V-200 DFI OptiMax (3.0L) outboard, 0T178500-0T598999.

854198R04

Remanufactured outboard powerhead, Direct Fuel Injection technology.

Fits Mercury/Mariner V-200 DFI OptiMax (3.0L) and the 200 Pro XS outboard, 0T599000 and above.

883892R04

Remanufactured outboard powerhead, Electronic Fuel Injection technology utizing an electric oil pump.

Fits the Mercury/Mariner V-225 EFI (3.0L) outboard, 0T409000-1B417701.

883894R04

Remanufactured outboard powerhead, Electronic Fuel Injection technology utilizing an electric oil pump.

Fits the Mercury/Mariner V-250 EFI (3.0L) outboard, 0T409000 and above.

61-**841017R51**

Remanufactured outboard powerhead, Direct Fuel Injection technology.

Fits the Mercury/Mariner V-250 XS, DFI (3.0L) outboard (0T651945 and above), and also fits the V-250 Pro XS, DFI (3.0L) outboard (1B426561 and above).

854199R99

Remanufactured outboard powerhead, Direct Fuel Injection technology.

Fits the Mercury/Mariner V-225 OptiMax DFI (3.0L) outboard, 0G590000-0G960499.

854199R00

Remanufactured outboard powerhead, Direct Fuel Injection technology utilizing head castings with NO cast number.

Fits the Mercury/Mariner V-225 Optimax DFI (3.0L) outboard, 0G960500-0T090166, no head casting number.

877869R00

Remanufactured outboard powerhead, Direct Fuel Injection technology utilizing heads WITH a casting number.

Fits the Mercury/Mariner V-225 Optimax DFI (3.0L) outboard, 0T09167-0T178499, with a head casting number.

877869R01

Remanufactured outboard powerhead, Direct Fuel Injection technology.

Fits the Mercury/Mariner V-225 Optimax DFI (3.0L) outboard, 0T178500-0T598999.

877869R04

Remanufactured outboard powerhead, Direct Fuel Injection technology.

Fits the Mercury/Mariner V-225 Optimax DFI (3.0L) outboard, 0T599000 and above.

61-**843034R07**

Remanufactured outboard powerhead, Direct Fuel Injection technology.

Fits the Mercury/Mariner V-225 Pro XS, DFI (3.0L) outboard (1B104549 and above), and also fits the V-250 DFI (3.0L) outboard (1B528615 and above).

REMANUFACTURED FOURSTROKE OUTBOARD POWERHEADS

Quicksilver offers a wide variety of 4-Stroke remanufactured powerheads for Mercury and Mariner applications between 75-300 HP. All powerheads are completely disassembled, precision machined, honed, cleaned and assembled by a team of factory technicians. Remanufactured to fully jeweled precision with 100% OEM components using the latest engineering revisions, these products are the only logical choice for a remanufactured powerhead. Quicksilver's remanufactured powerheads come with a 1-year factory limited warranty.

75/90 EFI FOURSTROKE POWERHEADS

POWERHEAD OUTBOARD

61-**8M0054062**

Remanufactured outboard powerhead (FourStroke EFI technology). The powerhead does not include an oil pump.

Fits the L-4 cylinder 75 thru 100 hp. FourStroke EFI outboards.
Serial number 1B366823 - 2B094995.

75/90 EFI SHORTBLOCK POWERHEAD

61-**8M0128564**

Remanufactured outboard powerhead (FourStroke EFI technology).
Fits the 2.1L 4-cylinder 75 thru 90 hp. FourStroke EFI outboards. The cylinder head is not included.

Serial number 2B095049 and above.

115 EFI FOURSTROKE POWERHEADS

POWERHEAD OUTBOARD

61-**8M0054063**

Remanufactured outboard powerhead (FourStroke EFI technology). The powerhead does not include an oil pump.

Fits the L-4 cylinder 115 hp. FourStroke EFI outboards.
Serial number 1B366823 - 2B094995.

115 EFI FOURSTROKE POWERHEAD

61-**8M0128566**

Remanufactured outboard powerhead (FourStroke EFI technology).
Fits the 2.1L 4-cylinder 115 hp. FourStroke EFI outboards.

Serial number 2B095049 and above.

150 EFI FOURSTROKE POWERHEADS

150 EFI FOURSTROKE POWERHEAD

61-**8M0070524**

Remanufactured outboard powerhead (FourStroke EFI technology).

Fits the L-4 cylinder 150 hp. FourStroke EFI outboards.
Serial number 1B905505 and above.

VERADO POWERHEAD

L4 VERADO POWERHEAD

61-**8M0055433**

Remanufactured outboard powerhead. Verado technology.

Fits the 135/150/175/200 L-4 cylinder Verado, Generation I.
Serial number range 1B227000-1B517158.

61-**8M0055436**

Remanufactured outboard powerhead. Verado technology.

Fits the 135/150/175/200 L-4 cylinder Verado, Generation II.
Serial number range 1B517159 and above.

L6 VERADO POWERHEAD

61-**895247R06**

Remanufactured outboard powerhead. Verado technology.
Fits the 200/225/250/275 L-6 cylinder Verado, Generation I.
Serial number range 0T980000-1B517433.

61-**895247R07**

Remanufactured outboard powerhead. Verado technology.
Fits the 200/225/250/275/300 L-6 cylinder Verado, Generation II.
Serial number range 1B517434 - 2B144122.

61-**8M0124365**

Remanufactured outboard powerhead. Verado technology.
Fits 225/250/300 L-6 cylinder Verado. Generation V.
Serial number range 2B144123 and above.

OUTBOARD POWERHEAD CROSS REFERENCE CHART

Outboard Powerhead Cross Reference

Model	Model Notes	Year Range	Serial # Range	New Part Number	Reman Part Number
75 (Carb)	3 cyl. and oil injection	1994	0D283222 and up	809837T97	809837R97(1)
75 DFI	3 cylinder / 1.5L	2005 - 2006	0T980000 - 1B417701	895233A07	895233R05
75 DFI	3 cylinder / 1.5L	2006	1B417702 and up	895233A07	895233R05
75/80 FourStroke	4 cylinder EFI		1B366823 - 2B094994	61-897148A09	61-8M0054062
75/80 FourStroke	4 cylinder EFI (2.1L)	2018	2B095049 and up	61-8M0090765	61-8M0128564
90 (Carb)	3 cyl. and oil injection	1994	0D283222 and up	809837T97	809837R97(1)
90 DFI	3 cylinder / 1.5L	2004	0T801000 and up	891767A07	891767R04
90 FourStroke	4 cylinder EFI		1B366823 - 2B094994	61-897148A09	61-8M0054062
90 FourStroke	4 cylinder EFI (2.1L)	2018	2B095049 and up	61-8M0090765	61-8M0128564
100 (Carb)	4 cyl. and oil injection	1994 - 1996	0D283222 - 0G965520	17791T97 (NLA)	17791R97
100 FourStroke	4 cylinder EFI		1B366823 - 2B094994	61-897148A09	61-8M0054062
100 FourStroke	4 cylinder EFI (2.1L)	2018	2B095049 and up	61-8M0090765	61-8M0128564
115 (Carb)	4 cyl. and oil injection	1994	0D283222 and up	17791T97 (NLA)	17791R97(1)
115 DFI/Pro XS	3 cylinder / 1.5L	2004	0T801000 and up	891767A07	891767R04
115 FourStroke	4 cylinder EFI		1B366823 - 2B094994	61-897148A08	61-8M0054063
115 FourStroke	4 cylinder EFI (2.1L)		2B095049 and up	61-8M0122427	61-8M0128566
125	4 cyl. and oil injection	1994	0D283222 and up	17791T97 (NLA)	17791R97(1)
125 DFI	3 cylinder / 1.5L	2004	0T801000 and up	891767A07	891767R04
V-135 (Carb)	2.0L with oil sensor hole	1990 - 1999	0C239553 - 0G960499	812815T97 (NLA)	N.L.A.
V-135 (Carb)	2.0L no oil sensor hole	2000	0G960500 - 0T178499	878635T00 (NLA)	878365R00
V-135 DFI	2.5L	1998 - 1999	0G590000 - 0G960499	804545T99 (NLA)	N.L.A.
V-135 DFI	2.5L	2000	0G960500 - 0T178499	854008T00 (NLA)	854008R00
V-135 DFI	2.5L	2001	0T178500 and up	879808T07	879808R01
135 Verado	4 cylinder, Gen I		1B227000 - 1B517158	61-896499A07	61-8M0055433
135 Verado	4 cylinder, Gen II		1B517159 and up	61-896499A08	61-8M0055436
V-150 (Carb)	2.0L with oil sensor hole	1990 - 1999	0C239553 - 0G960499	878365T00 (NLA)	N.L.A.

REMANUFACTURED FOURSTROKE OUTBOARD POWERHEADS

Model	Model Notes	Year Range	Serial # Range	New Part Number	Reman Part Number
XR6	2.5L	1992 - 1994	0D082000 - 0D284287	812817A92 (NLA)	812817R97
XR6/Tracker 150	2.5L	1994 - 1999	0D284788 - 0G960499	823434T97 (NLA)	823434R97
XR6	2.5L	2000 - 2006	0G960500 - 1B226999	823434T00 (NLA)	823434R00
V-150 (Carb)	2.5L	1999 - 2000	0G760300 - 0G960499	823434T97 (NLA)	823434R97
V-150 (Carb)	2.5L	2000 - 2006	0G960500 - 1B226999	823434T00 (NLA)	823434R00
V-150 EFI	2.5L	1993 - 1999	0D082000 - 0G960499	823434T97 (NLA)	823434R97
V-150 EFI	2.5L	2000 - 2001	0G960500 - 0T408999	823434T00 (NLA)	823434R00
V-150 EFI	2.5L	2002	0T409000 and up	883511T04	883511R04
V-150 DFI	2.5L	1998 - 1999	0G590000 - 0G886266	804545T99 (NLA)	N.L.A.
V-150 DFI	2.5L	2000	0G886267 - 0T178499	854008T00 (NLA)	854008R00
V-150 DFI	2.5L	2001	0T178500 and up	879808T07	879808R01
150 Verado	4 cylinder, Gen I		1B227000 - 1B517158	61-896499A07	61-8M0055433
150 Verado	4 cylinder, Gen II		1B517159 and up	61-896499A08	61-8M0055436
150 EFI FourStroke	4 cylinder EFI	2012 - 2018	1B905505 and up	91-8M0122811	61-8M0070524
V-175 (Carb)	2.5 L	1992 - 1999	0D082000 - 0G960499	812817T97 (NLA)	812817R97
V-175 EFI	2.5 L	1992 - 1999	0D082000 - 0G960499	812817T97 (NLA)	812817R97
V-175 EFI	2.5 L	2000 - 2001	0G960500 - 0T408999	812817T00 (NLA)	812817R00
V-175 EFI	2.5 L	2001 - 2006	0T409000 - 0T800999	883600T04	883600R04
V-175 DFI	2.5L	2001	0T178500 and up	879809T07	879809R07
175 Verado	4 cylinder, Gen I		1B227000 - 1B517158	61-896499A07	61-8M0055433
175 Verado	4 cylinder, Gen II		1B517159 and up	61-896499A08	61-8M0055436
V-200 (Carb)	2.5L	1991	0C291520 - 0D081999	812827T91 (NLA)	N/A
V-200 (Carb)	2.5L	1992 - 1999	0D082000 - 0G960499	813043T97 (NLA)	813043R97
V-200 (Carb)	2.5L	2000	0G960500 and up	813043T00 (NLA)	813043R00
V-200 EFI	2.5L	1992 - 1999	0D082000 - 0G960499	813043T97 (NLA)	813043R97
V-200 EFI	2.5L	2000 - 2001	0G960500 - 0T408999	813043T00 (NLA)	813043R00
V-200 EFI	2.5L	2002	0T409000 and up	883600T04	883600R04
V-200 EFI	3.0L	2004	0T750164 and up	891823A07	N/A
V-200 DFI	3.0L	1997	0G386496 - 0G589999	809973A97 (NLA)	N/A
V-200 DFI	3.0L	1998 - 1999	0G590000 - 0G960499	854198A99 (NLA)	854198R99
V-200 DFI	3.0L	2000	0G960500 - 0T178499	854198A00 (NLA)	N.L.A.
V-200 DFI	3.0L	2001 - 2002	0T178500 - 0T598999	854198A01 (NLA)	854198R01
V-200 DFI/Pro XS	3.0L	2003	0T599000 and up	854198A07	854198R04
200 Verado	4 cylinder, Gen I		1B227000 - 1B517158	61-896499A07	61-8M0055433
200 Verado	4 cylinder, Gen II		1B517159 and up	61-896499A08	61-8M0055436
200 Verado	6 cylinder, Gen I	2005 - 2007	0T980000 - 1B517433	895247A06 (NLA)	61-895247R06
200 Verado	6 cylinder, Gen II	2008 - 2015	1B517434 - 2B144122	61-895247A07	61-895247R07
V-225 Carb	3.0L w/ 8 tooth spline	1994	0D280813 - 0G129221	823291A94 (NLA)	N.L.A.

Model	Model Notes	Year Range	Serial # Range	New Part Number	Reman Part Number
V-225 Carb	3.0L w/ 13 tooth spline	1995 - 2001	0G129222 - 0T408999	809794A97 (NLA)	N.L.A.
V-225 EFI	3.0L w/mechanical oil pump	1995 - 1999	0G129222 - 0G960499	809794A97 (NLA)	N.L.A.
V-225 EFI	3.0L w/mechanical oil pump	2000 - 2001	0G960500 - 0T408999	804799A00 (NLA)	N.L.A.
V-225 EFI	3.0L w/electric oil pump	2002 - 2006	0T409000 - 1B417701	883892A07	883892R04
V-225 EFI	3.0L w/electric oil pump	2007	1B417702 and up	883892A07	883892R04
V-225 DFI	3.0L	1998 - 1999	0G590000 - 0G960499	854199A99 (NLA)	854199R99
V-225 DFI	3.0L w/no head casting number	2000	0G960500 - 0T090166	854199A00 (NLA)	854199R00
V-225 DFI	3.0L w/head casting number	2000	0T090167 - 0T178499	877869A00 (NLA)	877869R00
V-225 DFI	3.0L	2001 - 2002	0T178500 - 0T598999	877869A01 (NLA)	877869R01
V-225 DFI	3.0L	2002	0T599000 and up	877869A07	877869R04
V-225 Pro XS	3.0L	2005	1B104549 and up	61-843034A07	61-843034R07
225 Verado	6 cylinder, Gen I	2005 - 2007	0T980000 - 1B517433	895247A06 (NLA)	61-895247R06
225 Verado	6 cylinder, Gen II	2008 - 2015	1B517434 - 2B144122	61-895247A07	61-895247R07
225 Verado	6 cylinder, Gen V	2015 - 2018	2B144123 and up	61-896966A07	61-8M0124365
V-250 EFI	3.0L w/mechanical oil pump	1995 - 1999	0G129222 - 0G960499	809794A97 (NLA)	N.L.A.
V-250 EFI	3.0L w/mechanical oil pump	2000 - 2001	0G960500 - 0T408999	804800A00 (NLA)	N.L.A.
V-250 EFI	3.0L w/electric oil pump	2002	0T409000 and up	883894A07	883894R04
V-250 DFI	3.0L	2007	1B528615 and up	61-843034A07	61-843034R07
V-250 XS	3.0L	2003	0T651945 and up	61-841017A52	61-841017R51
V-250 Pro XS	3.0L	2006 - 2018	1B426561 and up	61-841017A52	61-841017R51
250 Verado	6 cylinder, Gen I	2005 - 2007	0T980000 - 1B517433	895247A06 (NLA)	61-895247R06
250 Verado	6 cylinder, Gen II	2008 - 2015	1B517434 - 2B144122	61-895247A07	61-895247R07
250 Verado	6 cylinder, Gen V	2015 - 2018	2B144123 and up	61-896966A07	61-8M0124365
275 Verado	6 cylinder, Gen I	2005 - 2007	0T980000 - 1B517433	895247A06 (NLA)	61-895247R06
275 Verado	6 cylinder, Gen II	2008 - 2015	1B517434 - 2B144122	61-895247A07	61-895247R07
300 PRO MAX	V-6 3.0 Litre / 185.9 cu. In.	2001 - 2005	0T235084 - 0T999587	61-840756A04	N.L.A.
300 Verado	6 cylinder, Gen II	2008 - 2015	1B517434 - 2B144122	61-895247A07	61-895247R07
300 Verado	6 cylinder, Gen V	2015 - 2018	2B144123 and up	61-896966A07	61-8M0124365

(1) May be used for both CDM or Non-CDM ignition applications.

REMANUFACTURED SPORT JET POWERHEADS

Quicksilver offers a wide variety of 2-Stroke remanufactured powerheads for Mercury Sport Jet applications between 175-250 HP. All powerheads are completely disassembled, precision machined, honed, cleaned and assembled by a team of factory technicians. Remanufactured to fully jeweled precision with 100% OEM components using the latest engineering revisions, these products are the only logical choice for a remanufactured Sport Jet. Quicksilver's remanufactured powerheads come with a 1-year factory limited warranty.

Special Note: All Sport Jet powerheads use a 13-spline crankshaft.

MERCURY SPORT JET 175XR2

POWERHEAD SPORT JET

884-**8M0115347**

Remanufactured 175-HP Mercury SportJet Powerhead. (Not Dressed) A new reed block is no longer included. Retain the original reed block assembly for use. Fits a 13 spline application.

Fits 2001- 2004 Mercury 175 XR2 Sport Jet engines.
Serial number 0E369300 and above.

MERCURY SPORT JET 200

POWERHEAD SPORTJET

884-**858961R19**

Remanufactured 200-HP SportJet Powerhead (Not Dressed). Fits a 13 spline application.

Fits 2001 and up Mercury 2.5 Litre SportJet applications.
Serial number 0E384500-0E435741.

MERCURY SPORT JET 240

POWERHEAD SPORTJET

884-**858257R21**

Remanufactured 240-HP SportJet Powerhead (Not Dressed). Fits a 13 spline application.

Fits 2000 - 2001 Mercury 2.5 Litre SportJet Applications.
Serial number 0E373939 - 0E406399.

884-**858961R30**

Remanufactured 240-HP Mercury SportJet Powerhead. (Not Dressed). Fits a 13 spline application.

Fits 2001 and above 2.5 Litre 240-HP SportJet applications.
Serial number 0E406400 and above.

MERCURY SPORT JET 250

POWERHEAD SPORT JET

885-**889437R02**

Remanufactured SportJet Powerhead. (Not Dressed). Fits a 13 spline application.

Fits 2002 and 2003 Mercury 3.0-Litre 250-HP Sport Jet applications.
Serial number 0E407100 and above.

SPORT JET POWERHEAD CROSS REFERENCE CHART

Sport Jet Powerhead Cross Reference

Model	Cyl/CID/Litre	Year Range	Serial # Range	New Part Number	Reman Part Number
90	3 cyl inline / 75.1 cu.in.	1993 - 1994	E095088 - E138324	N.L.A.	N.L.A.
90	3 cyl inline / 75.1 cu.in.	1994 - 1994.5	E138325 - E138599	N.L.A.	N.L.A.
120XR SJ	4 cylinder	1996 - 2000	0E141089 - 0E384499	800-818154A52 (NLA)	N.L.A.
175 XR2 SJ	V-6 2.5 Litre / 153.0 cu.in	1997 - 2000	E203000 - E369299	9764T64/T66 (NLA)	N.L.A.
175 XR2 SJ	V-6 2.5 Litre / 153.0 cu.in	2001 - 2004	E369300 and up	858257T25 (NLA)	884-8M0115347
V-200DFI SJ	2.5L	2001 - 2018	0E384500 - 0E435741	884-858961A19	884-858961R19
V-240EFI SJ	2.5L	2000 - 2001	0E373939 - 0E406399	858257T24 (NLA)	884-858257R21
V-240EFI SJ	2.5L	2001 - 2018	0E406400 and up	884-858961T30	884-858961R30
V-250DFI SJ	V-6 3.0 Litre / 185.9 cu.in.(8)	2002 - 2003	E0407100 and up	885-889437A 2	885-889437R02

(8) Oil Injection

REMANUFACTURED VERADO SUPERCHARGERS

Quicksilver offers all generations of remanufactured superchargers for the 135-300 HP consumer Verado products. Assembled & tested using factory tooling, these superchargers receive the latest machining updates and parts upgrades to provide years of quiet and durable performance. Quicksilver's remanufactured Verado superchargers come with a 1-year factory limited warranty.

VERADO 4-CYLINDER SUPERCHARGER

892807R05

Factory remanufactured.

Fits the 135-200hp. Verado 4-cylinder ouboard beginning with serial number Serial number range 1B227000 and above.

VERADO 6-CYLINDER SUPERCHARGER

898096R03

Factory remanufactured.

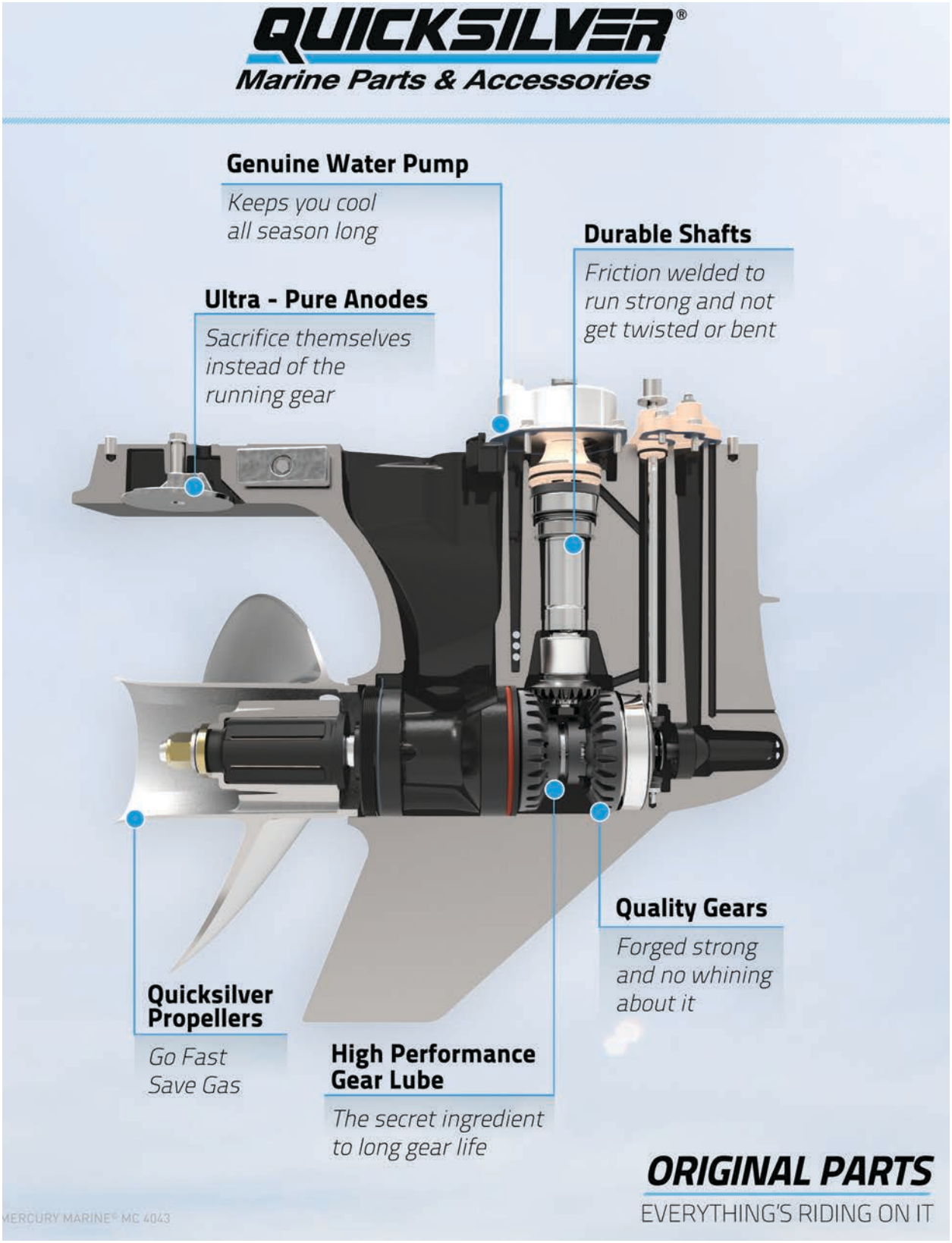
Fits the 200-300hp. Verado 6-cylinder ouboard beginning with serial number Serial number range 0T980000 - 2B144122.

VERADO 6 - CYLINDER SUPERCHARGER

8M0124363

Factory remanufactured.
Fits the 225/250/300hp. Verado 6-cylinder outboard beginning with serial number Serial number range 2B144123 and above.

OUTBOARD GEARCASE



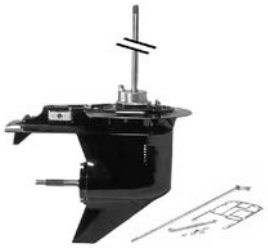
OUTBOARD GEARCASES - NEW

OUTBOARD GEARCASE-NEW

Quicksilver offers 100% genuine OEM gearcases for many Mercury and Mariner applications between 40-300 HP. These are genuine original factory parts. Invest wisely in your time on the water with a Quicksilver gearcase, because everything is riding on it.

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

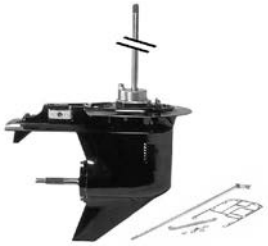
1667- **9011J15**

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

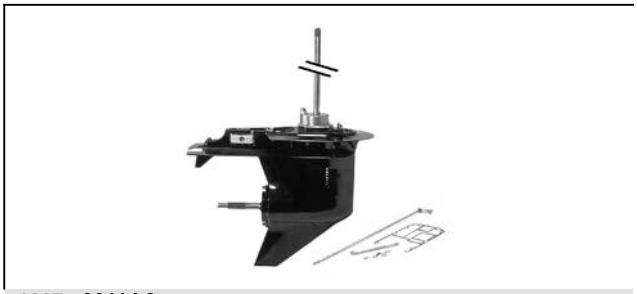
1667- **9011G90**

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)

OUTBOARD GEARCASES - NEW

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, 1.85:1 gear ratio. 20" (L) long shaft length. 13 pinion teeth.

Fits Mercury 135, 150, 175, 200 hp L4 Verado.

1600-**880686T24**

Black, RH, 1.85:1 gear ratio. 25" (XL) extra long shaft length. 13 pinion teeth.

Fits Mercury 135, 150, 175, 200 hp L4 Verado

1600-**880686T25**

Black, LH, 1.85:1 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, 20 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.

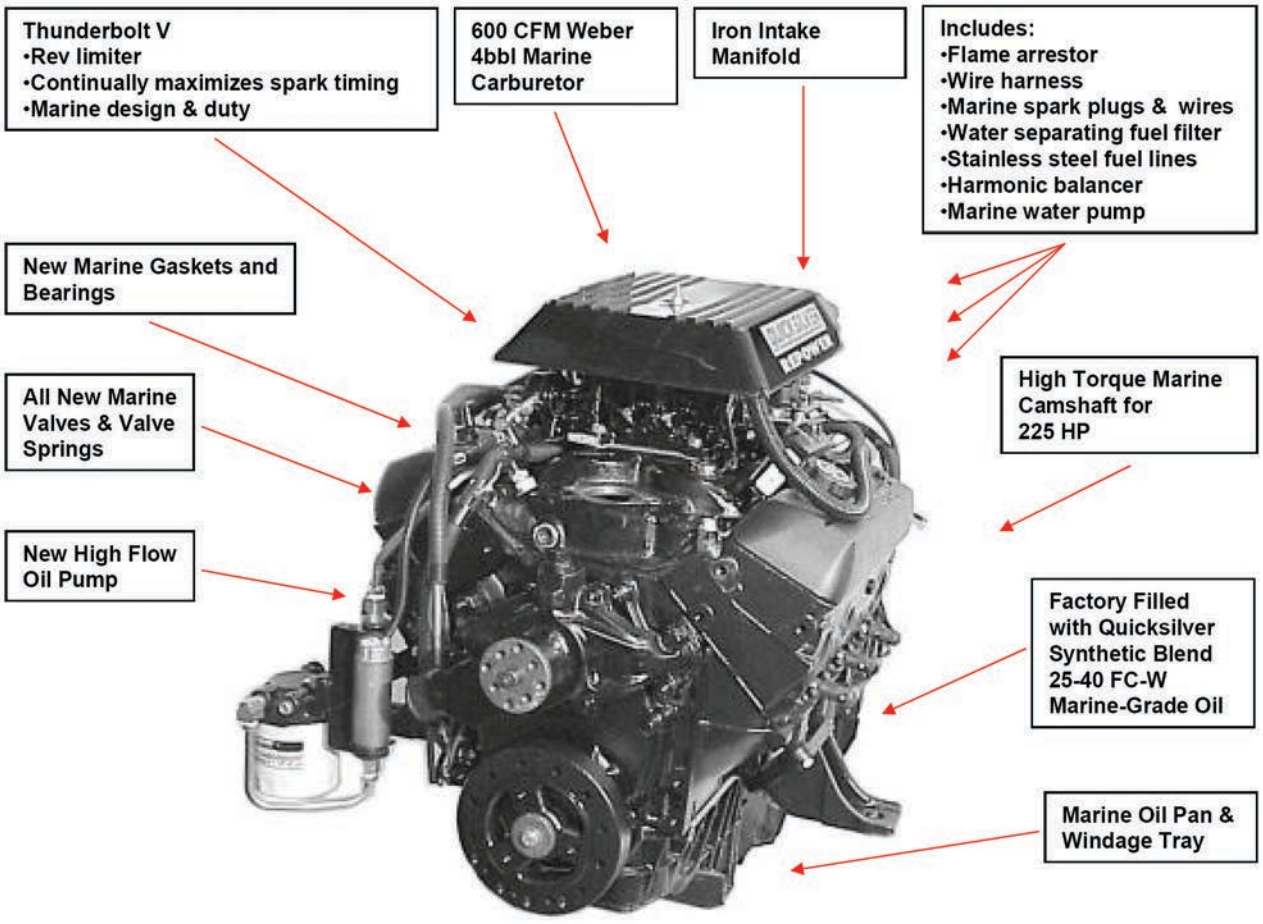
Fits the 6 cylinder Verado with 4.80 inch torpedo diameter.

PLUS SERIES ENGINES - PARTIALLY DRESSED ENGINE FEATURES

MERCURY Remanufacturing

4.3L Gen+ (V6) Partially dressed Engine

- Remanufactured to offer the best repower value
- Ultimate in flexibility
- 225 HP
- 1 Year Limited Factory Warranty
- Fits any brand not just MerCruiser



3.0L/4.3L/350/540 CRATE ENGINES

3.0L CRATE ENGINES

Power	110 & 130 HP
Full Throttle Range	4400-4800 RPM
Displacement	181 CID (3.0L)
Engine Type	All new iron block and heads I-4
Bore & Stroke	4.00" x 3.60" (102mm x 91mm)
Compression Ratio	9.3:1
Rocker Arm Ratio	1.5:1 Stamped Steel
Crankrtrain	Nodular Iron Crankshaft (14" flywheel required)
Fuel Requirement	87 Octane (R+M)/2
Fuel System	2V MerCarb with Automatic Enrichment for Turn Key Starting and Mechanical Fuel Pump
Induction System	Iron Manifold
Charging System	Not Installed
Water Drain System	Not Installed
Exhaust System	Iron Manifold w/4" Outlet
Cooling System	Not Installed
Accessory Drive System	Not Installed
Lubrication System	High Flow Oil Pump
Recommended Engine Oil	SAE 25-40 NMMA Certified FC-W Synthetic Blend
Audio Warning System	Oil Pressure, Coolant Temperature, Drive Lube
Alpha Ratio Ratios	2.00:1/2.40:1 High Altitude
Boat Harness Type	14-pin

PN: 8M0123360 - 3.0L Crate - 110 HP
PN: 8M0123362 - 3.0L Crate - 130 HP

Quicksilver leads the way for repowering classic runabouts with a pair of 100% new crate engines produced using new Quicksilver tooling – not automotive leftovers

- Ideal to repower 2.5L, 3.0L, & 3.0LX sterndrive powered boats using MerCruiser or Volvo drives
- 4" outlet exhaust elbow included, MC shift bracket, & thermostat housing included!
- Turn Key Starting carburetor

www.Quicksilver-products.com

QUICKSILVER Remanufacturing

4.3L Carbureted Crate Engine 225HP

ALUMINUM INTAKE WITH BRONZE WATER PASSAGE & PADS

600 CFM 4BBL CARBURETOR

225 HP Alpha Model

PN: 807736R51

At 225 HP this 4.3L Crate Engine is bold enough to repower 5.0L Alpha V-8 engines while delivering V-6 fuel economy. With torque to spare this engine naturally upgrades 4.3L & 5.0L engines for most runabouts.

- 1-Year limited factory warranty
- Roller rocker arms and roller lifters provide years of reliable & quiet operation
- Exclusive aluminum intake manifold delivers more torque than older iron intake manifolds

Find your local dealer at: www.mercury-marine.eu

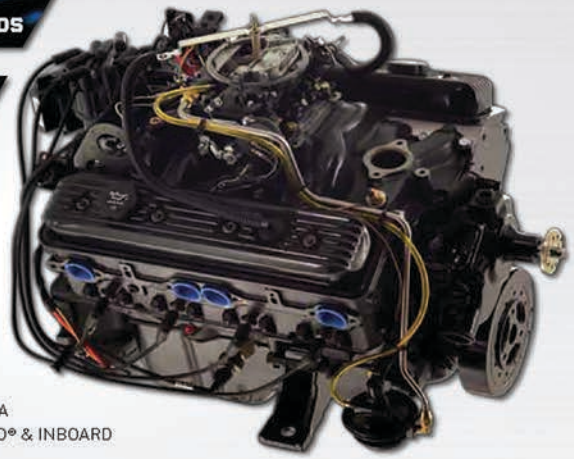
Power	225HP
Full Throttle Range	4400-4800 RPM
Displacement	265 CID (4.3L)
Engine Type	Remanufactured GM Marine V6 with iron block and heads
Bore & Stroke	4.02" x 3.48" (102mm x 88mm)
Compression Ratio	9.4:1
Rocker Arm Ratio	1.5:1 Roller Rocker
Cranktrain	Nodular Iron Crankshaft and Powder Metal Rods
Fuel Requirement	87 Octane (R+M)/2
Fuel System	Weber 600 CFM 4V Electric Choke Carburetor & Electric Fuel Pump
Induction System	Exclusive aluminum 2-plane intake with bronze water passages and pads
Ignition System	Thunderbolt V
Charging System	Not Installed
Water Drain System	Not Installed
Exhaust System	Not Installed
Cooling System	Marine Circulating Water Pump Included
Accessory Drive System	Not Installed
Lubrication System	High Flow Oil Pump
Recommended Engine Oil	SAE 25-40 NMMA Certified FC-W Synthetic Blend
Audio Warning System	Not Installed
Alpha Ratio (Gen I, Gen II)	1.62:1, 1.65:1, 1.81:1, & 1.84:1
Shipping Dimensions (LxWxH)	37"x35"x34" (940mm x 889mm x 864mm)
Shipping Weight (Lbs. / Kg)	510 / 231

QUICKSILVER®

350 CRATE ENGINES 300HP & 325HP

4-BOLT MAINS
SCREW-IN ROCKER STUDS

300 HP
ALPHA MODEL



714-8M0079530 - 300 HP ALPHA
714-8M0079531 - 325 HP BRAVO® & INBOARD

With several internal upgrades and a 10% power bump for the Alpha model, the 350 crate engines stand firm as the most reliable and flexible repower option for many makes and applications.

- 1-Year limited factory warranty
- Internal updates: 4-bolt main, screw-in rocker studs
- Power increase for the Alpha model from 275 HP to 300 HP!
- Repower many makes of sterndrives and inboards including Volvo, Crusader, and Indmar
- Requires addition of seawater pump kit when used with Gen I Alpha drive

www.Quicksilver-products.com

Power	300 & 325 HP
Full Throttle Range	4600-5000 RPM
Displacement	350 CID (5.7L)
Engine Type	All New 4-Bolt Main Iron Block with Dart Iron Heads Using Screw in Rocker Studs and Hardened Seats
Bore & Stroke	4.00" x 3.48" (102mm x 88mm)
Compression Ratio	9.4:1
Rocker Arm Ratio	1.5:1 Stamped Steel
Cranktrain	Nodular Iron Crankshaft and Powder Metal Rods
Fuel Requirement	87 Octane (R+M)/2
Fuel System	Weber 750 CFM 4V Electric Choke Carburetor & Mechanical Fuel Pump
Induction System	Dual-Plane Aluminum Intake with Bronze Crossover and Pads
Ignition System	Thunderbolt V® with Knock Control
Charging System	Not Installed
Water Drain System	Not Installed
Exhaust System	Not Installed
Cooling System	Not Installed
Accessory Drive System	Not Installed
Lubrication System	High Flow Oil Pump
Recommended Engine Oil	SAE 25-40 NMMA Certified FC-W Synthetic Blend
Audio Warning System	Oil Pressure, Coolant Temperature, Drive Lube
Alpha Ratio (Gen I, Gen II)	1.50:1, 1.47:1
Bravo One® Ratios	1.50:1, 1.65:1
Bravo Two® Ratios	2.00:1, 2.20:1, 2.40:1 High Altitude
Bravo Three® Ratios	2.00:1, 2.20:1, 2.40:1 High Altitude
Inboard Ratios	Depends Upon Application
Shipping Dimensions (LxWxH)	42"x 30"x 39"(1054mm x 749 mm x 991 mm)
Shipping Weight (Lbs. / Kg)	598 / 272

QUICKSILVER®

350 CRATE ENGINES 300HP

4-BOLT MAINS
SCREW-IN ROCKER STUDS

300 HP

714-8M0092946 Use for 2002-2004 MerCruiser models rated for 4600-5000 RPM
714-8M0093550 Use for 2005 & newer MerCruiser models rated for 4800-5200 RPM

With several internal upgrades and 1 year of standard limited warranty, the 350 MPI crate engines stand tall as the best overall value to repower your marine engine.

- 1-Year limited factory warranty
- Internal updates: 4-bolt main, screw-in rocker studs
- Repower many makes of sterndrives and inboards including Volvo, Crusader, and Indmar
- The 350 MPI Crate engine offers a great way to power-up from an obsolete 5.0 MPI model

www.Quicksilver-products.com

Power	300HP
Full Throttle Range	4600-5000 RPM & 4800-5200 RPM
Displacement	350 CID (5.7L)
Engine Type	All new 4-bolt main iron block with Mercury iron heads using screw in Rocker Studs and Hardened Seats
Bore & Stroke	4.00" x 3.48" (102mm x 88mm)
Compression Ratio	9.4:1
Rocker Arm Ratio	1.5:1 Stamped Steel
Cranktrain	Nodular Iron Crankshaft and Powder Metal Rods
Fuel Requirement	87 Octane (R+M)/2
Fuel System	MPI system includes Fuel Injectors, Fuel Rail, & Sensors
Induction System	Marine intake with iron base and 2-piece long runner intake with 75mm Throttle Body Unit
Ignition System	High Voltage Switch and Platinum Spark Plugs
Charging System	Not Installed
Water Drain System	Not Installed
Exhaust System	Not Installed
Cooling System	Marine Circulating Water Pump Included
Accessory Drive System	Not Installed
Lubrication System	High Flow Oil Pump
Recommended Engine Oil	SAE 25-40 NMMA Certified FC-W Synthetic Blend
Audio Warning System	Not Installed
Alpha Ratio (Gen I, Gen II)	1.50:1, 1.47:1
Bravo One® Ratios	1.50:1, 1.65:1
Bravo Two® Ratios	2.00:1, 2.20:1, 2.40:1 High Altitude
Bravo Three® Ratios	2.00:1, 2.20:1, 2.40:1 High Altitude
Inboard Ratios	Depends Upon Application
Shipping Dimensions (LxWxH)	42"x 30"x 39" (1054mm x 749 mm x 991 mm)
Shipping Weight (Lbs. / Kg)	598 / 272

QUICKSILVER®

540 BRAVO CRATE ENGINE 450HP

FUEL AND IGNITION SYSTEMS INCLUDED

SEAWATER PUMP AND OIL COOLER INCLUDED

PN: 8M0113304

Quicksilver designed an all new big block that allows monster displacement without the need of a tall-deck block. As a result, this engine delivers diesel-like torque. It's the engine you really always wanted, but couldn't have.

- Ideal to repower 454 HO, 502, & 500 HP MerCruiser Bravo & Mercury High-Perf engines used in performance boats and large cruisers
- Standard deck height allows the use of most solid engine mounts and marine headers
- Equipped with 2.25" Extreme Duty intake valves and high flow iron heads to reliably deliver power & torque

Power	450 HP
Full Throttle Range	4600-5000 RPM
Displacement	540 CID (8.9L)
Engine Type	All new iron block and heads V-8, Standard Deck
Bore & Stroke	4.50" x 4.25" (114mm x 108mm)
Compression Ratio	9.0:1
Rocker Arm Ratio	1.7:1 Full Roller Rocker Arms
Cranktrain	4340 Forged Steel Stroker Crankshaft
Fuel Requirement	87 Octane (R+M)/2
Fuel System	Holley 800 cfm Electric Choke Carburetor, Mechanical Fuel Pump
Induction System	Single-Plane Aluminum Intake with Bronze Crossover & Pads
Charging System	Not Installed
Water Drain System	Not Installed
Exhaust System	Not Installed
Cooling System	Not Installed
Accessory Drive System	Not Installed
Lubrication System	High Flow Oil Pump, Oil Thermostat & Cooler
Recommended Engine Oil	SAE 25W50 FC-W Synthetic Blend Racing Oil
Fresh Water Cooling Kit	Not Available - Bravo Only/ Not for Inboard
Audio Warning System	Oil Pressure, Coolant Temperature, Drive Lube
Bravo One X/XZ/XR Ratios	1.50:1 / 1.36:1 Optional
Bravo Three X/XR Ratios	1.81:1 / 2.00:1 High Altitude
Boat Harness Type	10-pin

www.Quicksilver-products.com

QUICKSILVER CRATE ENGINES

QUICKSILVER has been building the 350 Crate Engines as parts for repairing boat engines since 2008. These never were converted automotive units or remanufactured, but rather built by QUICKSILVER from scratch for marine duty. CRATE ENGINES are major assemblies that include a new longblock as well as the fuel delivery and ignition components required for a high quality major repair. But, they require many more parts to be transferred from the engine being repaired or bought new before a boat can be made to go. CRATE ENGINE major assemblies lack: a cooling system, engine mounts, fuel handling system, exhaust system, couplers, control mounting points, a starter, accessory drive, alternator, seawater pump, power steering, and usually a flywheel. The offerings are now expanding beyond the familiar 350 carbureted and MPI models.

3.0L CRATE ENGINE

3.0L TKS CRATE ENGINE

8M0123360

110 HP @ 4800 RPM. 181 Cubic Inch partially dressed marine engine. Engine Features: Turn Key Start Carburetor with Mechanical Fuel Pump, and Flame Arrestor. Built with 100% new cast iron: Quicksilver early design 3.0L cylinder heads, intake/exhaust manifold, 4" exhaust outlet, thermostat housing, and block. Internals include: large filet radii crankshaft, Tri-metal bearings, 9.3:1 pistons, Black-X composite valves, and 1.5:1 rocker arms. Features include: harmonic balancer, marine distributor, NGK spark plugs, plug wires, sensors, audio warning horn for overheat, low oil pressure, and low drive lube levels. It uses EST Analog Ignition, includes shift bracket for Alpha shift interrupt, and 14-Pin Harness. Compatible with front or side engine mounts. Pilot bore machined into crankshaft to accept Volvo couplers.
3-Years of Limited Factory Warranty. Runs on 87 Octane Fuel.

110 HP 100% New Crate Engine
This all new construction 3.0L crate engine services all makes inboard & sterndrive 2.5L & 3.0L marine engines built between 1963-1989. It will require the installation of a 14" flywheel. A refurbished 14" flywheel 8M0135884 is available separately.

8M0123362

130 HP @ 4800 RPM. 181 Cubic Inch partially dressed marine engine. Engine Features: Turn Key Start Carburetor with Mechanical Fuel Pump, and Flame Arrestor. Built with 100% new cast iron: cylinder heads, intake/exhaust manifold, 4" exhaust outlet, thermostat housing, and block. Internals include: 9.3:1 pistons, and 1.5:1 rocker arms. Features include: harmonic balancer, marine distributor, NGK spark plugs, plug wires, sensors, audio warning horn for overheat, low oil pressure, and low drive lube levels. It uses EST Analog Ignition, includes shift bracket for Alpha shift interrupt, and 14-Pin Harness. Compatible with front or side engine mounts. Pilot bore machined into crankshaft to accept dealer installed Volvo couplers.
3-Years of Limited Factory Warranty. Runs on 87 Octane Fuel

130 HP 100% New Crate Engine
This all new construction 3.0L crate engine services all makes inboard & sterndrive 3.0L marine engines built between 1990-2015. It will require the installation of a 14" flywheel. A refurbished 14" flywheel 8M0135884 is available separately.

4.3L CRATE ENGINE

4.3L 4BBL CRATE ENGINE

8M0124034

225 HP @ 4800 RPM. 262 Cubic Inch partially dressed marine engine. Engine Features: 4bbl 600 cfm marine carburetor, high torque aluminum intake manifold with bronze pads and water crossover, electric fuel pump, and aluminum oil pan. It is 100% new construction, and uses cast iron cylinder heads and block, 9.4:1 pistons, and 1.5:1 roller rocker arms. Audio warning horn for overheat, low oil pressure, and low drive lube levels. It uses Thunderbolt ignition with Alpha shift interrupt and 10-Pin Harness.
3-Years of Limited Factory Warranty. Runs on 87 Octane Fuel.

225 HP 100% New Crate Engine
This all new construction 4.3L crate engine is a universal power upgrade for V6 sterndrive and inboard marine engines regardless of make built between 1996-2015. If metric fasteners are required for installation, order fastener kit # 56-861937A1.
NOTE: Please see MerCruiser Service Bulletin 2007-11 for additional components which may be required when replacing 4.3L engines with s/n 1A063239 and below.

4.3L MPI GEN+ CRATE ENGINE

8M0101212

Features include: New 75mm TBU, 2-piece aluminum intake manifold with iron base, new fuel injector & rail assembly, new sensors, new V6 HVS assembly, nodular iron crankshaft, roller camshaft, iron cylinder heads, stainless steel valves, 9.4:1 hypereutectic pistons, and 1.5:1 roller rocker arms.
Includes: Harmonic balancer, aluminum oil pan, circulating water pump, spark plugs and wires.
1-Year of Limited Factory Warranty. Runs on 87 Octane Fuel.

220 HP New Crate Engine
Replaces 2002-2016 4.3L MPI GEN+ engines.
NOTE: Please see MerCruiser Service Bulletin 2007-11 for additional components which may be required when replacing 4.3L engines with s/n 1A063239 and below.

350 CRATE ENGINE

350 ALPHA CRATE ENGINE

8M0079530

300 HP @ 5000 RPM – Standard / Left-Hand rotation. Brand New 5.7L/350 cubic inch partially dressed marine engine assembly. Features include: New 750 cfm 4bbl carburetor, aluminum intake manifold with bronze water crossover and pads, mechanical fuel pump, nodular iron crankshaft, 4-bolt main iron block, roller camshaft, iron cylinder heads, screw-in rocker studs, stainless steel valves, 9.4:1 hypereutectic pistons, Thunderbolt V ignition with knock control, and 10-pin harness.
Includes: flame arrestor, harmonic balancer, oil pan, wire harness, circulating water pump, spark plugs and wires. 3-Years of Limited Factory Warranty. Runs on 87 Octane Fuel.
NOTE: If used with an Alpha One (Gen I) drive, this engine requires seawater pump kit 46-807151A5 (sold separately) for proper cooling.

300 HP New Crate Engine
This all new construction crate engine is a universal power upgrade for V8 MerCruiser Alpha sterndrive and inboard applications, and adaptable to other brands of sterndrives and inboards regardless of make.

350 GEN+ BRAVO/MIE CRATE ENGINE

8M0079531

325 HP @ 5000 RPM – Standard / Left-Hand rotation. Brand New 5.7L/350 cubic inch partially dressed marine engine assembly. Feature include: New 750 cfm 4bbl carburetor, aluminum intake manifold with bronze water crossover and pads, mechanical fuel pump, nodular iron crankshaft, 4-bolt main iron block, roller camshaft, iron cylinder heads, screw-in rocker studs, stainless steel valves, 9.4:1 hypereutectic pistons, Thunderbolt V ignition with knock control, and 10-pin harness.
Includes: flame arrestor, harmonic balancer, oil pan, wire harness, circulating water pump, spark plugs and wires. 3-Years of Limited Factory Warranty. Runs on 87 Octane Fuel.

325 HP New Crate Engine
This all new construction crate engine is a universal power upgrade for V8 MerCruiser Bravo sterndrive and inboard applications, and adaptable to other brands of sterndrives and inboards regardless of make.

350 MPI BRAVO CRATE ENGINE

350 MPI BRAVO CRATE ENGINE

8M0092946

300 HP @ 5000 RPM – Standard / Left-Hand rotation. Brand New 350 cubic inch partially dressed marine engine assembly. Feature include: New 75mm TBU, 2-piece aluminum intake manifold with iron base, new fuel injector & rail assembly, TPS & TMAP sensors, HVS assembly, nodular iron crankshaft, roller camshaft, Quicksilver iron cylinder heads, screw-in rocker studs, stainless steel valves, 9.4:1 hypereutectic pistons.
Includes: Harmonic balancer, oil pan, circulating water pump, ECM, NGK spark plugs and wires. Crank and knock sensors included with SN 1G413215 & up.
3-Years of Limited Factory Warranty. Runs on 87 Octane Fuel.

300 HP New Crate Engine
Not just a service replacement, this all new construction crate engine can be used as a power upgrade for 2002-2004 non-ECT MerCruiser 5.0L Bravo sterndrives (s/n 0M600000-0W029410) with a single knock sensor & Gen II Cool Fuel.

8M0093550

300 HP @ 5200 RPM – Standard / Left-Hand rotation. Brand New 350 cubic inch partially dressed marine engine assembly. Feature include: 75mm TBU, 2-piece aluminum intake manifold with iron base, new fuel injectors & rail assembly, TPS & TMAP sensors, HVS assembly, nodular iron crankshaft, roller camshaft, Quicksilver iron cylinder heads, screw-in rocker studs, stainless steel valves, 9.4:1 hypereutectic pistons.
Includes: Harmonic balancer, oil pan, circulating water pump, ECM, NGK spark plugs and wires. Crank and knock sensors included with SN 1G413215 & up.
3-Years of Limited Factory Warranty. Runs on 87 Octane Fuel.

300 HP New Crate Engine
Not just a service replacement, this all new construction crate engine can be used as a power upgrade for 2005 & newer non-ECT MerCruiser 5.0L Bravo sterndrives (s/n 0W310000 and up) with dual knock sensors & Gen 3 Cool Fuel.

540 BRAVO CRATE ENGINE

540 BRAVO CRATE ENGINE

8M0113304

450 HP @ 4600-5000 RPM – Standard / Left-Hand rotation. Brand New 540 cubic inch partially dressed marine engine assembly. Features include: New Quicksilver iron engine block, 800 cfm 4bbl Holley carburetor, single plane aluminum intake manifold with bronze water crossover and pads, mechanical fuel pump, 4340 steel crankshaft, forged steel rods, 4-bolt main block, roller camshaft, Dart iron cylinder heads, 2.25" intake valve, 1.7:1 roller rocker arms, screw-in rocker studs, stainless steel valves, 9.0:1 forged pistons, Thunderbolt V ignition with knock control, and 10-pin harness.
Includes: distributor, flame arrestor, harmonic balancer, flywheel, oil pan, fuel pump mounted to sea water pump, wire harness, circulating water pump, NGK spark plugs, engine oil cooler, oil thermostat, fuel filter, dipstick, oil filter, coil, marine spark plug wires, and filled with Mercury Racing 25W50 oil. 1-Year of Limited Factory Warranty.
Runs on 87 Octane Fuel.
Not Included: Engine mounts, water hoses, exhaust manifolds, front dress, cooling system, bellhousing, PS cooler, starter, alternator, coupler, or pulleys.

450 HP New Crate Engine
This all new construction crate engine is a service upgrade for carbureted V8 MerCruiser Bravo & Hi-Performance sterndrive applications.

PLUS SERIES ENGINES

MERCURY Remanufacturing

Plus-Series Engines

- Remanufactured to offer the best repower value
- Many new Marine parts included
- 1 Year Limited Factory Warranty
- 100% Hot tested & pressure checked for quality

CNC machined Remanufactured GM Vortec Marine Block
•Line Bored Cam & Mains
•Max 0.040" CNC Overbore
•CNC Honed
•CNC Deck Machining

All New Stainless Steel Valves & Marine Valve Springs

Custom Flame Cover

383 use 1.6:1 Full Roller Rocker Arms

Marine Duty Cylinder Heads

Hypereutectic Pistons – Stronger than Cast Pistons

Hardened Valve Seats

New Marine Spark Plugs

New Marine Water Pump

Factory Filled with Quicksilver 25-40 FC-W Marine-Grade Oil

Complete Accessory Drive System Included

Exclusive 357 & 383 Camshaft Profiles

Some Blocks Machined for Mechanical Fuel Pump

383 uses 4340 Forged Crank, Others use Nodular Iron

Marine Oil Pan & Windage Tray

New High Flow Oil Pump ---- 383 use 100 psi Oil Pump

Exhaust System Includes Intermediate Pipes – No Y-pipes Included

PLUS-SERIES ENGINES

The PLUS-SERIES line from Mercury Remanufacturing is made up of unique engines that offer value performance for your next repower. Based on our popular MerCruiser products, these are fully remanufactured engines that are fitted with marine-grade performance valve train, pistons, induction system and (in some cases) marine headers to deliver factory reliability at an affordable price.

Each PLUS-SERIES engine is "Hot Tested" by supplying fuel and coolant so technicians can perform a series of live-running tests for quality assurance. All PLUS-SERIES engines are completely remanufactured and include exhaust manifolds, fuel, electrical and ignition systems so they are ready to rig into a boat.

PLUS-SERIES engines from Mercury Remanufacturing come with a One-Year Factory Limited Warranty.

Adapting Plus Series engines to specific applications may require some parts to be transferred from the engines coming out of the boat or purchased separately. Examples include:

- Transfer of flywheel housings, couplers, and other hardware to adapt to various makes of drives and transoms.
- Changing engine couplers to match specific transmissions, or customer preferences.
- Changing engine mounts from front to side, or using solid engine mounts.
- Use of various Quicksilver kits to meet customer preferences or the specified installation requirements found in the Repower Reference Manual included with the engine.

CONSIDERATIONS FOR THE 4.3L GEN+ and 350 GEN+ PARTIALLY DRESSED ENGINE:

- To avoid the expense of a fully-dressed complete engine, the following items (if in good condition) need to be transferred from the original engine over to the replacement engine: exhaust manifolds, risers, starter motor, alternator, pulleys hoses and belts.

- Installing a partially dressed engine into a 1981 or earlier application would not be recommended. Due to the shift bracket that contains a reverse lock mechanism, it would be extremely difficult and expensive to accomplish this upgrade.

3.0L TKS - ENGINE ONLY

3.0L TKS ALPHA – ENGINE ONLY

8M0072497

3.0L TKS Alpha Sterndrive Engine Only. 135 HP @ 4800 RPM. 183 Cubic Inch Fully Dressed Marine Engine. Engine Features: Non-Power Steering. Front Engine Mount. Turn Key Start Carburetor with Mechanical Fuel Pump. It is Built with GM Marine Remanufactured Cast Iron Cylinder Heads and Block, 9.3:1 Pistons, and 1.5:1 Rocker Arms. Audio warning horn for overheat, low oil pressure, and low drive lube levels. Remote oil filter standard. It uses EST Analog Ignition, Single-Point Water Drain Using Blue Hoses, and 14-Pin Harness. Runs on 87 Octane Fuel.

135 HP Remanufactured Sterndrive Engine
Replaces 3.0L Alpha sterndrive engines

QUICKSILVER 3.0L TKS ALPHA PLUS ENGINE

8M0116646

3.0L TKS Alpha Sterndrive Engine Only. 135 HP @ 4800 RPM. 181 Cubic Inch Fully Dressed Marine Engine. Engine Features: Non-Power Steering. Front Engine Mount. Turn Key Start Carburetor with Mechanical Fuel Pump. It is built with 100% new Quicksilver: cast iron block, large fillet radii crankshaft, Tri-metal bearings, 9.3:1 pistons, revised TKS carburetor calibration, 140F degree thermostat, NGK spark plugs, and 1.5:1 rocker arms. Quicksilver cast iron cylinder heads that feature: hardened seats, screw in studs, Black-X valves, & an exclusive Quicksilver combustion chamber allowing 4 deg BTDC base timing. Audio warning horn for overheat, low oil pressure, and low drive lube levels. It uses EST Analog Ignition, Single-Point Water Drain Using Blue Hoses, and 14-Pin Harness. Provision is made in the block for dealer installation of side engine mounts. Pilot bore machined into crankshaft to accept dealer installed Volvo couplers. Shipped with MerCruiser Alpha Coupler.
3-Years of Limited Factory Warranty. Runs on 87 Octane Fuel.

135 HP 100% New Quicksilver Sterndrive Engine
Replaces 3.0L Alpha sterndrive engines
"For Europe, this engine is not allowed for recreational usage, please request your customer service to sign an exemption form"

4.3L GEN+ / PARTIALLY DRESSED ENGINE

4.3L GEN+ ENGINE ONLY

807736R51

225 HP @ 4800 RPM - Standard / Left-Hand Rotation - Remanufactured 4.3L Partially Dressed Marine Engine Assembly. Features Include: New 600 cfm 4bbl Carburetor, Electric Fuel Pump, Nodular Iron Crankshaft, Roller Camshaft, Vortec Cast Iron Cylinder Heads, Stainless Steel Valves, 9.4:1 Hypereutectic Pistons, Full Roller Rocker Arms and Thunderbolt V Ignition. Includes: Flame Arrestor, Harmonic Balancer, Oil Pan, 10-Pin Harness, Water Pump, Spark Plugs and Wires. Runs on 86 Octane Fuel.

This Remanufactured Crate Engine is a universal power upgrade for V6 MerCruiser Alpha Sterndrive Applications and adaptable to other brands of sterndrives regardless of make.

4.3L ALPHA 4V - ENGINE ONLY

4.3L ALPHA 4V GEN+ - ENGINE ONLY

865108R89

4.3L Alpha 4V Sterndrive Engine Only. 225 HP @ 4800 RPM, 4.3L Liter Fully Dressed Marine Engine. Engine Features: Special Flame Graphics, New 600 cfm 4bbl Carburetor, Electric Fuel Pump, 2-piece Wet Joint Exhaust, Nodular Iron Crankshaft, Billet Steel Roller Camshaft, Vortec Cast Iron Cylinder Heads, Stainless Steel Valves, 9.4:1 Hypereutectic Pistons, 1.5:1 Full Roller Rocker Arms, Thunderbolt V Ignition with Knock Control, 10-Pin Harness. Runs on 87 Octane Fuel.

225 HP Remanufactured Sterndrive Engine
Replaces MerCruiser 4.3L & 5.0L sterndrive engines.

350 MPI ALPHA - ENGINE ONLY

350 MPI ALPHA - ENGINE ONLY

8M0064799

350 MPI Alpha Sterndrive Engine Only. 300 HP @ 5000 RPM, 5.7L/350 Cubic Inch Fully Dressed Marine Engine. Engine Features: Special Flame Graphics, Multi-Port Fuel Injection Using Cool Fuel II, Dry Joint Exhaust, Nodular Iron Crankshaft, Roller Camshaft, Vortec Cast Iron Cylinder Heads, Stainless Steel Valves, 9.4:1 Hypereutectic Pistons. It uses ECM 555 with Engine Guardian and is SmartCraft ready, 10-Pin Harness. Runs on 87 Octane Fuel.
NOTE: If used with an Alpha One (GEN I) drive, this engine requires a Seawater pump kit 46-807151A5 (sold separately) for proper cooling.

300 HP Remanufactured Sterndrive Engine.
Replaces 5.0L, 5.0L EFI/MPI, 5.7L, 5.7L EFI/MPI and 350 Mag MPI sterndrive engines.

383 MAG STROKER - ENGINE ONLY

383 MAG STROKER

8M0064800

383 MAG Stroker Bravo Sterndrive Engine Only. 350 HP @ 5200 RPM, 383 Cubic Inch Stroker Fully Dressed Marine Engine. Engine Features: Special Flame Graphics, Multi-Port Fuel Injection using Cool Fuel II, Dry Joint Exhaust, 100 PSI Oil Pump, 4340 Forged Steel Crankshaft, High-Lift Billet Steel Camshaft, Vortec Cast Iron Cylinder Heads, Stainless Steel Valves, 9.0:1 Hypereutectic Pistons and 1.6:1 Roller Rocker Arms. It uses ECM555 with Engine Guardian and is SmartCraft ready, 10-pin Harness. Runs on 87 Octane Fuel.

350 HP Remanufactured Sterndrive Engine
Replaces 350 MAG, 6.2L MPI, 7.4L & 7.4L MPI sterndrive engines.

383 MPI FWC - BRAVO

8M0109404

383 MPI FWC Bravo – Bravo Engine Only. 350 HP @ 5200 RPM. 383 Cubic Inch Motor Fully Dressed Marine Engine. Engine Features: Special Flame Graphics, Multi-Port Fuel Injection using Cool Fuel II, Dry Joint Exhaust, 100 PSI Oil Pump, 4340 Forged Steel Crankshaft, High-Lift Billet Steel Camshaft, Cast Iron Cylinder Heads, Stainless Steel Valves, 9.0:1 Hypereutectic Pistons, 1.6:1 Roller Rocker Arms, Full System Fresh Water Cooling (includes the block, heads, and exhaust manifolds in the closed cooling circuit), ECM555, Engine Guardian, SmartCraft Ready, Mechanical Throttle and Shift, and 10-Pin Harness. Runs on 87 Octane Fuel.

350 HP Remanufactured Sterndrive Engine
Replaces 350 MAG, 377 MAG, 7.4L & 7.4L MPI sterndrive engines including SeaCore and Horizon Bravo models.

496 HO BRAVO - ENGINE ONLY

496 HO BRAVO - ENGINE ONLY

8M0089472

496 H.O. Bravo Sterndrive Engine Only. 425 HP @ 5000 RPM. 496 Cubic Inch Fully Dressed Marine Engine. Engine Features: Multi-Port Fuel Injection using Cool Fuel 3, Closed Cooling, Dry Joint Exhaust, 316 Stainless Steel Exhaust Elbows, PCM 555, Engine Guardian, SmartCraft Ready, Mechanical Throttle and Shift, Serpentine Accessory Drive, Oil Cooler, Forged Steel Crankshaft, 8.1L Iron Heads, Mercury Marine Heavy Duty Iron Block with Splayed 4-bolt Main Bearing Caps, Priority Main Oiling System, 8.6:1 Forged Pistons, Roller Camshaft, Stainless Steel Valves, and 1.7:1 Rocker Arms, 14-Pin Harness. Runs on 87 octane Fuel.

425 HP Remanufactured Sterndrive Engine
Replaces 502 MPI and 496 MPI sterndrive engines

8.1L HORIZON INBOARD - ENGINE ONLY

8.1L HORIZON INBOARD - V-DRIVE ENGINE ONLY

8M0088283

8.1L Horizon - V-Drive Engine Only. 370 HP @ 4600 RPM, 8.1L Fully Dressed Marine Engine. Engine Features: Multi-Port Fuel Injection using Cool Fuel 3, Dry Joint Exhaust with 316 Stainless Steel Exhaust Elbows, +2" Risers Standard, Closed Cooling, Oil Cooler, PCM 555, Engine Guardian, Smart Craft Ready, Mechanical Throttle and Shift, Premium Dual-Stage Driveplate, Inboard High Mount Starter. Aluminum Oil Pan, 14-Pin Harness. Runs on 87 Octane Fuel.

370 HP Remanufactured Inboard Engine
Replaces all makes of big block inboard engines: 7.4L, 454, 8.1L & 502

ACCESSORY KITS FOR PLUS-SERIES ENGINES

ENGINE COVERS

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.

FLAME ARRESTOR

FLAME ARRESTOR - 3 IN. ELEMENT

8M0119614

An alternate flame arrester for use with the 540 MAG Bravo 4V. This flame arrestor lower the overall engine height by 1" to allow engine hatch clearance for some applications.

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)

CRANKSHAFT SPACER

SPACER

23-**8M0088395**

For use when servicing with a new harmonic balancer on Gen+ V6 & V8 engines that are not equipped with a Crankshaft Position Sensor (CPS). New harmonic balancers p/n 863397 are all machined with a shorter snout to accommodate a reluctor wheel used with a CPS. This spacer fits onto the crankshaft before the installation of a new harmonic balancer to fill the region normally occupied by a reluctor wheel. This prevents disassembly of a non-CPS engine to install a reluctor wheel when servicing with a new harmonic balancer.

BLOCK PLUGS - DIPSTICK HOLE

BLOCK PLUG

19-**807861**

Dipstick tube hole plug. This plug has a 9.367 mm (.3688 in.) OD with a hex shaped head.

All MCM V6 long blocks that have the oil dipstick tube going to the oil pan drain on the port side have the dipstick tube hole in the cylinder block plugged with this plug

BLOCK PLUG

19- **93654**

Dipstick tube hole plug. This plug has a 9.621 mm (.3788 in.) OD with a round head.

All MIE V8 5.7L and 6.2L inboard engines with dual dipstick tubes have the dipstick tube hole in the block plugged with this plug

SHIM KIT - REAR MCM ENGINE MOUNT

SHIM KIT

12-**892619A01**

This shim kit is required for newer transoms that no longer utilized a double-wound spring washer and a fiber washer between the rear engine mounts and do not have enough downward adjustment with the front engine mount pads to achieve proper alignment in the boat. This situation may be encountered when installing an engine for repower, complete engine replacement, or flywheel housing replacement.

Used with newer transons that no longer utilized a double-wound spring washer and a fiber washer between the rear engine mounts

ENGINE HEADERS

MARINE EXHAUST HEADER ASSEMBLY - PORT

879288019

Port-Side Custom 316L Ceramic Coated Polished Marine Header Assembly. Production item on 383 Stroker Scorpion Bravo applications shown in photo.

Fits MerCruiser 5.0L, 5.7L, 350, 6.2L, 377, and 383 small block applications.

MARINE EXHAUST HEADER ASSEMBLY - STARBOARD

879288020

Starboard-Side Custom 316L Ceramic Coated Polished Marine Header Assembly. Production item on 383 Stroker Scorpion Bravo applications shown in photo.

Fits MerCruiser 5.0L, 5.7L, 350, 6.2L, 377, and 383 small block applications.

EXHAUST RISER KITS

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

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

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

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

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

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).

EXHAUST ELBOW/RISER KIT - 6 IN.(152 MM)

862354A04

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

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

INTERMEDIATE ELBOW KIT

14865A02

Only required on sterndrive engines that have the exhaust going through the prop.

Fits MCM V-6 with 2 piece exhaust manifolds and 3 in. (76 mm) risers - s/n 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)

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

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.

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.

EXHAUST RISER CHART

Exhaust Riser Kits - Plus-Series Engines

Engine Model	Plus-Series P/N	Riser Height	Riser Kit	Intermediate Elbow Kit
MCM 4.3L Alpha 4V	865108R89	3 in. (76 mm)	93320A13	14865A02(1)
		6 in. (152 mm)	93322A12	N.L.A.(1)
MCM 350 Mag MPI Alpha	863611R11	1.7 in.(43 mm)	865995A01	866003A01(1)
		3 in. (76 mm)	864929A 3	866004A01(1)
		4.7 in.(119 mm)	866208A02	866209A01(1)
		6 in. (152 mm)	864908A 1	866005A01(1)
MCM 357 Alpha	865108R88	3 in. (76 mm)	93320A13	14865A02(1)
		6 in. (152 mm)	93322A12	N.L.A.(1)
MCM 357 Mag Bravo	865108R85	3 in. (76 mm)	93320A13	14865A02(1)
		6 in. (152 mm)	93322A12	N.L.A.(1)
MIE 357 Horizon (Down-angle)	8M0064805	1.7 in.(43 mm)	865996A01(3)	NA
		3 in. (76 mm)	864929A 4(3)	NA
		4.7 in.(119 mm)	866208A03(4)	NA
		6 in. (152 mm)	864908A 2(4)	NA
MIE 357 Horizon (V-drive)	8M0076188	1.7 in.(43 mm)	865996A01(3)	NA
		3 in. (76 mm)	864929A 4(3)	NA
		4.7 in.(119 mm)	866208A03(5)	NA
		6 in. (152 mm)	864908A 2(5)	NA
MCM 383 Mag Bravo 4V	865108R90	1.7 in.(43 mm)	865995A01	866003A01(1)
		3 in. (76 mm)	864929A 3	866004A01(1)
		4.7 in.(119 mm)	866208A02	866209A01(1)
		6 in. (152 mm)	864908A 1	866005A01(1)
MCM 383 MPI Bravo - FWC	8M0109404	1.7 in.(43 mm)	865996A01(3)	866003A01(1)
		3 in. (76 mm)	864929A 4(3)	866004A01(1)
		4.7 in.(119 mm)	866208A03(5)	866209A01(1)
		6 in. (152 mm)	864908A 2(5)	866005A01(1)
MCM 383 Mag Stroker	865108R80	1.7 in.(43 mm)	865995A01	866003A01(1)
		3 in. (76 mm)	864929A 3	866004A01(1)
		4.7 in.(119 mm)	866208A02	866209A01(1)
		6 in. (152 mm)	864908A 1	866005A01(1)
MIE 383 Mag (LH) Std. Rotation	8M0061212	1.7 in.(43 mm)	865995A01(2)	N/A
		3 in. (76 mm)	864929A 3(2)	N/A
		4.7 in.(119 mm)	866208A02(2)	N/A
		6 in. (152 mm)	864908A 1(2)	N/A
MIE 383 Mag (RH) Opp. Rotation	8M0061213	1.7 in.(43 mm)	865995A01(2)	N/A
		3 in. (76 mm)	864929A 3(2)	N/A
		4.7 in.(119 mm)	866208A02(2)	N/A
		6 in. (152 mm)	864908A 1(2)	N/A
MIE 383 Mag Stroker	865108R10	1.7 in.(43 mm)	865995A01	N/A
		3 in. (76 mm)	864929A 3	N/A
		4.7 in.(119 mm)	866208A02(6)	N/A
		6 in. (152 mm)	864908A 1(6)	N/A
496 HO Bravo	8M0089472	4 in. (102 mm)	862354A04	44267A02
		6 in. (152 mm)	98-8M0124068	44267A02
MIE 8.1L Horizon (V-drive)	8M0052317	4 in. (102 mm)	862354A04	N/A
		6 in. (152 mm)	98-8M0124068	N/A
MIE 8.1L Horizon (Down-angle)	8M0052318	4 in. (102 mm)	862354A04	N/A
		6 in. (152 mm)	98-8M0124068	N/A

(1) Intermediate Elbow Kit listed is only required on sterndrive engines that have the exhaust going thru the prop

(2) The Remote Oil Filter Bracket may need to be relocated when installing an Exhaust Riser Kit.

(3) Also requires hose kit 32-865029A1 be ordered separately

(4) Also requires hose kit 32-865039A1 be ordered separately

(5) Also requires hose kit 32-865041A1 be ordered separately

(6) Also requires hose kit 32-865035A1 be ordered separately

REMOTE OIL KIT

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.

HOT WATER HEATER FITTING KITS

HOT WATER FITTING KIT

22-806836A 3

Fits 1992-2016 MCM 3.0L/LX (s/n 0D616823 thru 2A506300)

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-**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)

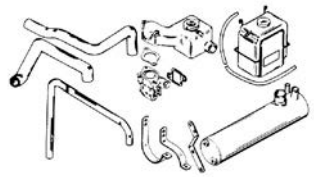
HOT WATER FITTING KIT

22-**806837A 1**

Fits MCM 496 Mag & MIE 8.1S engines.

CLOSED COOLING KITS

CLOSED COOLING KIT

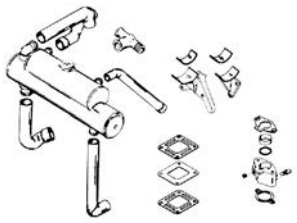


61086A11

Side mounted kit.
This kit fits front mount engines only.

Fits MCM 120, 140, 2.5L & 3.0L/LX (1983-2016)

CLOSED COOLING KIT



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.

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.

ECM (ELECTRONIC CONTROL MODULE)

865839T03

Fits 2002-2004 MCM 350 Mag MPI Alpha with closed cooling (s/n 0M600000-0W309999).

865008T04

Fits 2002-2004 MCM MX 6.2 MPI Bravo with closed cooling (s/n 0M600000-0W029410). Also used on 383 Mag Stroker Plus-Series engine when adding closed cooling.

SERPENTINE BELT KIT

807901A 5

Fits MCM 4.3L Bravo; 5.0L & 5.7L Alpha/Bravo. See application chart for specific engine models.

SEAWATER PUMP KIT

46-**807151A 5**

Fits MCM V-8 (305 & 350 cid) Alpha engines. See application chart.

SEAWATER PUMP KIT

46-**8M0118065**

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.

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).

CLOSED COOLING CHART

Closed Cooling Kits - Plus-Series Engines

Engine Model	Plus-Series P/N	Closed Cooling Kit	Belt Kit	Seawater Pump Kit	ECM
MCM 3.0L TKS	8M0072497	61086A11	N/A	N/A	N/A
MCM 4.3L Alpha 4V	865108R89	(3)	N/A	N/A	N/A
MCM 357 Alpha	865108R88	860427A 5	807901A 5	46-807151A 5 (2)	N/A
MCM 357 Mag Bravo	865108R85	860427A 5	807901A 5	N/A	N/A
MCM 350 Mag MPI Alpha	863611R11	864920A02	N/A	46-8M0118065 (2)	865839T03(1)
MCM 383 Mag Bravo	865108R90	860427A 5(4)	N/A	N/A	N/A
MCM 383 Mag Stroker - Bravo	865108R80	864920A02	N/A	N/A	865008T04(1)
MCM 383 Mag Stroker - MIE	865108R10	864920A02	N/A	N/A	N/A
MIE 383 Mag (LH) Std. Rotation	8M0061212	860427A 5	N/A	N/A	N/A
MIE 383 Mag (RH) Opp. Rotation	8M0061213	860427A 5	N/A	N/A	N/A

(1) The ECM listed is required to be replaced only on engines below S/N 1G404353. Engines with S/N 1G404354 and up do NOT require replacement of the ECM.

(2) Thru hull water pickup is not included with seawater pump kits. Obtain locally.

(3) Not Available

(4) May need to relocate enigne oil cooler

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

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.

WATER SEPARATING FUEL FILTERS

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.

Quicksilver Branded

PLUS SERIES INBOARD TO V-DRIVE CONVERSION CHARTS

383 4V w/Std. Raw Water Cooling

Model/ Description	Part Number	Quantity
383 4V w/Std. Raw Water Cooling		
Remote Oil Line	32-806178 3	1
Remote Oil Line	32-806261 3	1
Water Hose	32-864705	1
Water Hose	32-863813	1
Elbow Gasket - Restrictor	27-864850A02	2

383 4V w/Closed Cooling

Model/ Description	Part Number	Quantity
383 4V w/Closed Cooling		
Closed Cooling Kit	860427A 5	1
Remote Oil Line	32-806178 4	1
Remote Oil Line	32-806261 3	1
Elbow Gasket - Full flow	27-864547A02	2

383 MPI w/Std. Raw Water Cooling

Model/ Description	Part Number	Quantity
383 MPI w/Std. Raw Water Cooling		
Front Bracket	863646 1	1
Remote Oil Line	32-865056	1
Remote Oil Line	32-865055	1
Remote Filter Bracket	865057T	1
Water Hose	32-864568	1
Water Hose	32-864569	1
Elbow Gasket - Restrictor	27-864850A02	1

383 MPI w/Closed Cooling

Model/ Description	Part Number	Quantity
383 MPI w/Closed Cooling		
Closed Cooling Kit	864920A02	1
Front Bracket	864558 2	1
Remote Oil Line	32-865056	1
Remote Oil Line	32-865055	1
Remote Filter Bracket	865057T	1

MODULE KIT

ICM MODULE

840130A 4

Fits MCM 500 Gen+ & 500 Bulldog w/ Thunderbolt V ignition.
Can also be used as an alternate ICM for use with the 540 MAG Bravo 4V. This ICM raises the engine speed limit to 5150 RPM to allow a propping range of 4600-5000 RPM.

TRANSOM HARNESS

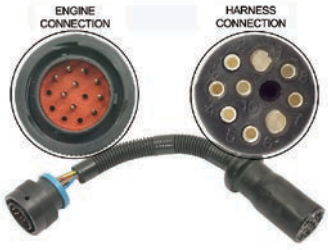
TRANSOM HARNESS

84-**865677T02**

Connects engine to transom

14-10 PIN HARNESS ADAPTOR

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 - NON DTS 10 PIN TO 14 PIN

84-**892444T02**

Adapter that allows you to connect engines that have the older 10 pin engine harness to the newer 14 pin helm harness

MCM/MIE engines that have the 10 pin engine harness.

SMARTCRAFT RIGGING

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-**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.

SMARTCRAFT JUNCTION BOX

878492K14

4-Way SmartCraft Junction Box with (2) weather caps.

Provides connection/distribution point for multiple components on CAN Bus system.

3-PIN TANK HARNESS

84-**864218**

Fits older MCM/MIE mechanical engines that are equipped with a 3-pin tank harness connector.

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.

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

POWER TRIM PUMP AND HARNESSES

TRIM PUMP ASSEMBLY

865380A25

Oildyne low pressure/high flow

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 STEERING KITS

POWER STEERING KIT

861659A04

Uses the Verado style Power Steering Module & Helm in conjuction with the MCM CHS cylinder.

Fits Alpha and Bravo transoms for engines without power steering pumps.

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)

P/S CYLINDER ASSEMBLY

8M0063382

Power Steering Cylinder Assembly. DHB steering system.

Fits 1994 and newer Alpha One Gen II & Bravo models

TRANSOM ADAPTER / STERNDRIVE

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.

MERCURY MERCRUISER PROPELLER APPLICATION CHARTS

Mercury MerCruiser Alpha & Bravo One

Alpha and Bravo One Sterndrives - All Horsepowers
15 Tooth Spline
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 1/4" hub assembly. 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 1/4	21	Alum	3	N/A	48-832832A45	Black Max
14 1/2	19	Alum	3	N/A	48-832830A45	Black Max
15 1/2	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 1/2	15	Alum	3	N/A	48- 78116A45	Black Max
15 1/2	15	Alum	3	N/A	48- 78116CP1	Black Max XC(3)
16	14	Alum	3	N/A	48- 16438A45	Black Max
16	14	Alum	3	N/A	48- 16438CP1	Black Max XC(3)
16	13	Alum	3	N/A	48- 78114A45	Black Max
16	13	Alum	3	N/A	48- 78114CP1	Black Max XC(3)
16	12	Alum	3	N/A	48- 16436A45	Black Max
16	12	Alum	3	N/A	48- 16436CP1	Black Max XC(3)
16	11	Alum	3		48- 78112A45	Black Max
16	11	Alum	3	N/A	78112CP1	Black Max XC(3)
13.5	22	SS	3	N/A	48-899202A46	Enertia(1)
13.6	21	SS	3	48-899003A46	48-899002A46	Enertia(1)
13.8	20	SS	3	N/A	48-899000A46	Enertia(1)
14.0	19	SS	3	48-898999A46	48-898998A46	Enertia(1)
14.2	18	SS	3	N/A	48-898996A46	Enertia(1)
14.5	17	SS	3	48-898995A46	48-898994A46	Enertia(1)
14.7	16	SS	3	N/A	48-898992A46	Enertia(1)
15.0	15	SS	3	48-898991A46	48-898990A46	Enertia(1)
15.3	14	SS	3	48-8M0079504	48-898988A46	Enertia(1)
15.6	13	SS	3	48-8M0070076	48-8M0070074	Enertia(1)
16.0	11	SS	3	48-8M0070077	48-8M0070079	Enertia(1)
13 3/4	21	SS	3	N/A	48- 16318A46	Vengeance
14	19	SS	3	48- 16317A46	48- 16316A46	Vengeance
14 1/2	17	SS	3	48- 16315A46	48- 16314A46	Vengeance
14 1/2	15	SS	3	N/A	48- 16312A46	Vengeance
13 1/4	23	SS	5	N/A	48-815762A46	HighFive(1)
13 1/4	21	SS	5	N/A	48-815760A46	HighFive(1)
13 1/4	19	SS	5	N/A	48-815758A46	HighFive(1)
13 1/2	17	SS	5	N/A	48-821154A46	HighFive(1)
15 1/4	36	SS	4	48-832123A55	48-832124A55	Bravo I(2)
15 1/4	34	SS	4	48-832121A55	48-832122A55	Bravo I(2)
15 1/4	32	SS	4	48-831919A55	48-831920A55	Bravo I(2)
15 1/4	30	SS	4	48-831917A55	48-831918A55	Bravo I(2)
15 1/4	28	SS	4	48-831915A55	48-831916A55	Bravo I(2)
15 1/4	26	SS	4	48-831913A45	48-831914A45	Bravo I(2)

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
15 1/4	24	SS	4	48-831911A45	48-831912A45	Bravo I(2)
15 1/4	22	SS	4	48-831909A45	48-831910A45	Bravo I(2)
16	17	SS	3	48-8M0040399	48-8M0040398	Enertia ECO(1)
16	18	SS	3	48-8M0040397	48-8M0040396	Enertia ECO(1)
16	19	SS	3	48-8M0040401	48-8M0040400	Enertia ECO(1)
16	20	SS	3	48-8M0040407	48-8M0040406	Enertia ECO(1)
16	21	SS	3	48-8M0040403	48-8M0040402	Enertia ECO(1)
16	22	SS	3	48-8M0040409	48-8M0040408	Enertia ECO(1)
16	23	SS	3	48-8M0040405	48-8M0040404	Enertia ECO(1)
14 3/8	27	SS	3	48- 18281A46	48- 18280A46	Mirage Plus(1)
14 1/2	25	SS	3	48- 13707A46	48- 13706A46	Mirage Plus(1)
14 5/8	23	SS	3	48- 13705A46	48- 13704A46	Mirage Plus(1)
14 3/4	21	SS	3	48- 13703A46	48- 13702A46	Mirage Plus(1)
15 1/4	19	SS	3	48- 13701A46	48- 13700A46	Mirage Plus(1)
15 3/8	18	SS	3	48-889619A46	48-889620A46	Mirage Plus(1)
15 1/2	17	SS	3	48- 90159A46	48- 18278A46	Mirage Plus(1)
15 3/4	15	SS	3	48- 19841A46	48- 19838A46	Mirage Plus(1)
16	13	SS	3	N/A	48-826072A46	Mirage Plus(1)
14 5/8	25	SS	4	48-857033A46	48-857032A46	Revolution 4(1)(2)
14 5/8	23	SS	4	48-857031A46	48-857030A46	Revolution 4(1)(2)
14 5/8	20	SS	4	48-8M0070051	48-8M0070052	Revolution 4(1)(2)
14 5/8	21	SS	4	48-857029A46	48-857028A46	Revolution 4(1)(2)
14 5/8	19	SS	4	48-857027A46	48-857026A46	Revolution 4(1)(2)
14 5/8	18	SS	4	48-8M0137907	48-8M0137906	Revolution 4(1)(2)
14 5/8	17	SS	4	48-857025A46	48-857024A46	Revolution 4(1)(2)
14 5/8	15	SS	4	48-8M0064449	48-857022A46	Revolution 4(1)(2)
15 5/8	34	SS	5	48-889973A65	48-889972A65	Maximus (1)(2)
15 5/8	32	SS	5	48-889971A65	48-889970A65	Maximus(1)(2)
15 5/8	30	SS	5	48-889969A65	48-889968A65	Maximus(1)(2)
15 5/8	28	SS	5	48-889967A65	48-889966A65	Maximus(1)(2)
15 5/8	26	SS	5	48-889965A65	48-889964A65	Maximus(1)(2)
15 5/8	24	SS	5	48-889975A65	48-889974A65	Maximus(1)(2)

(1) Performance Vent System

(2) Recommended for Bravo One Drives only

(3) Provides Superior Holding and Performance for Pontoon Boats

Mercury MerCruiser Bravo Two

All engines
Bravo Two Propeller Hardware (not included with propeller):
Forward Cupped Washer 12-55072
Tab Washer 14-34817
Flo-Torq I Round Rubber Hub 43636T
Aft Cupped Washer 12-54738
Prop Nut 11-54034
Forward Thrust Washer 55074T
Aft Washer 12-55073A 2

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
17 1/4	25	Alum	3	48-8M0078093	48-8M0078092	Bravo Two
17 1/2	23	Alum	3	48- 18619A40	48- 18618A40	Bravo Two
17 3/4	21	Alum	3	48- 18617A40	48- 18616A40	Bravo Two
18 1/4	19	Alum	3	48- 18615A40	48- 18614A40	Bravo Two
18 3/4	17	Alum	3	48-8M0078091	48-8M0078090	Bravo Two
19 1/4	15	Alum	3	48-8M0078089	48-8M0078088	Bravo Two
19 1/2	13	Alum	3	48-8M0078087	48-8M0078086	Bravo Two
20	11	Alum	3	48-8M0078085	48-8M0078084	Bravo Two
17 1/4	25	SS	3	48- 18621A 6	48- 18620A 6	Bravo Two

Diameter	Pitch	Material	Blades	LH Rotation	RH Rotation	Model
17 1/2	23	SS	3	48- 18619A 6	48- 18618A 6	Bravo Two
19 1/2	22 1/2	SS	3	N/A	48-897550A06(1)	Bravo Two
17 3/4	21	SS	3	48- 18617A 6	48- 18616A 6	Bravo Two
18 1/4	19	SS	3	48- 18615A 6	48- 18614A 6	Bravo Two
18 3/4	17	SS	3	48- 18613A 6	48- 18612A 6	Bravo Two
19 1/4	15	SS	3	48- 18611A 6	48- 18610A 6	Bravo Two
19 1/2	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 MerCruiser Bravo Three

4 blade front 3 blade rear propellers
New for 2013 Bravo Three Diesel Propellers
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.
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

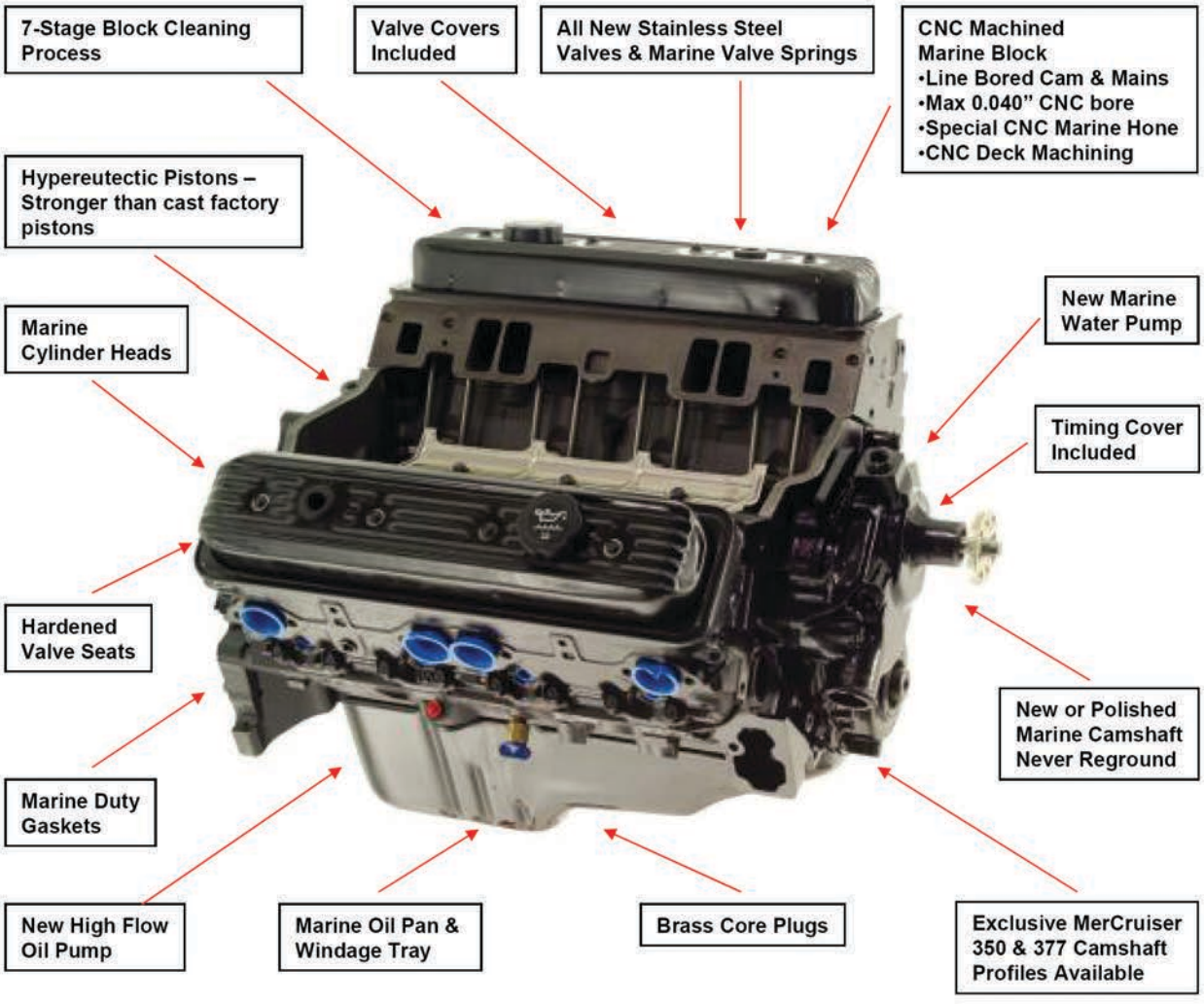
Pitch	Material	Finish	Blades (Front & Rear)	LH Rotation Front Prop	RH Rotation Rear Prop	Model
28	SS	Matte	4 & 3	48-8M8022460	48-8M8022470	Bravo Three
26	SS	Matte	4 & 3	48-8M8022440	48-8M8022450	Bravo Three
24	SS	Matte	4 & 3	48-8M8022420	48-8M8022430	Bravo Three
22.5	SS	Matte	4 & 3	48-8M8022400	48-8M8022410	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	Hi-Luster	4 & 3	48-8M8022469	48-8M8022479	Bravo Three
26	SS	Hi-Luster	4 & 3	48-8M8022449	48-8M8022459	Bravo Three
24	SS	Hi-Luster	4 & 3	48-8M8022429	48-8M8022439	Bravo Three
22.5	SS	Hi-Luster	4 & 3	48-8M8022409	48-8M8022419	Bravo Three
21	SS	Hi-Luster	4 & 3	48-8M8022389	48-8M8022399	Bravo Three
20	SS	Hi-Luster	4 & 3	48-8M8022369	48-8M8022379	Bravo Three
19	SS	Hi-Luster	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

PRO-SERIES LONGBLOCK FEATURES

MERCURY Remanufacturing

Pro-Series Longblocks

- Remanufactured to factory specifications
- More included content = Lower overall job cost
- 1 Year Limited Factory Warranty
- Automotive engines lack essential Marine Parts for Marine Duty
- 100% Hot tested & pressure checked for reliability



PRO-SERIES LONGBLOCK ASSEMBLY

3.0 LITER / 4 CYLINDER LONGBLOCK ASSEMBLY

LONGBLOCK ASSEMBLY

8M0062850

Remanufactured Pro-Series Longblock
GM 4 Cyl., 3.0 Liter 181 cid I/L 4
(Left-Hand Rotation)

Replaces 1990-1994 3.0L and 1990-1995 3.0LX sterndrive engines. (SN# 0C856559-0F603999)

4.3 LITER V-6 LONGBLOCK ASSEMBLY

LONGBLOCK ASSEMBLY

14149R50

Remanufactured Pro-Series Longblock
GM 4.3 Liter Non-Gen.+ 262 V/6
(Left-Hand Standard Rotation)

Replaces 1986-1992 4.3L non balance-shaft sterndrive marine engines with mechanical fuel pump.

806347R50

Remanufactured PRO Series Longblock
GM 4.3 Liter Non-Gen.+ 262 V/6
(Left-Hand Standard Rotation) with remanufactured cylinder heads.

Replaces 1993-1996 4.3L balance-shaft marine engines.

LONGBLOCK ASSEMBLY

807736R50

Remanufactured Pro Series Longblock
GM 4.3 Liter Gen.+ 262 V/6
(Left-Hand Standard Rotation)with brand new cylinder head assemblies.

Replaces 1996 -1999 GM 4.3L balance-shaft marine engines with electric fuel pumps. If metric fasteners are required for installation, order fastener kit # 56-861937A 1.

8M0063328

Remanufactured PRO-Series Longblock
GM 6 Cyl., 4.3 Liter Gen+ 262 V6
(Left-Hand Standard Rotation) with remanufactured Vortec cylinder heads.

Replaces 2000-2007 GM 4.3L balance-shaft marine engines with electric fuel pumps or carburetors, roller rocker-arms.

4.3L GEN+ ENGINE ONLY

807736R51

225 HP @ 4800 RPM - Standard / Left-Hand Rotation - Remanufactured 4.3L Partially Dressed Marine Engine Assembly. Features Include: New 600 cfm 4bbl Carburetor, Electric Fuel Pump, Nodular Iron Crankshaft, Roller Camshaft, Vortec Cast Iron Cylinder Heads, Stainless Steel Valves, 9.4:1 Hypereutectic Pistons, Full Roller Rocker Arms and Thunderbolt V Ignition. Includes: Flame Arrestor, Harmonic Balancer, Oil Pan, 10-Pin Harness, Water Pump, Spark Plugs and Wires. Runs on 86 Octane Fuel.

This Remanufactured Crate Engine is a universal power upgrade for V6 MerCruiser Alpha Sterndrive Applications and adaptable to other brands of sterndrives regardless of make.

5.0 LITER V-8 LONGBLOCK ASSEMBLY

LONGBLOCK ASSEMBLY

805636R50

Remanufactured PRO Series Longblock
GM 5.0 Liter Non-Gen.+ 305 V/8
(Left-Hand Standard Rotation)

Replaces 1987-1995 5.0L flat-tappet sterndrive marine engines.

5.7 LITER V-8 LONGBLOCK ASSEMBLY

LONGBLOCK ASSEMBLY

883944R50

Remanufactured - PRO Series Longblock
GM 5.7 Liter Non-Gen.+ 350 V/8
(Left-Hand / Standard Rotation) with brand new cylinder heads.

Replaces 1987-1995 Sterndrive or Inboard 5.7L flat-tappet marine engines.

807447R50

Remanufactured - PRO Series Longblock
GM 5.7 Liter Non-Gen.+ 350 V/8
(Left-Hand / Standard Rotation) with brand new cylinder heads.

Replaces 1991-1997 Sterndrive or Inboard 5.7L roller-lifter marine engines.

LONG BLOCK ASSEMBLY

807449R50

Remanufactured - PRO Series Longblock

GM 5.7 Liter Gen.+ 350 V/8
(Left-Hand Standard Rotation) with remanufactured cylinder heads.

Replaces 1996 and newer 5.7L Carbureted or Throttle Body Injected EFI sterndrive or inboard engines. This block is designed to replace those engines NOT requiring a CPS (crank positioning sensor) or reluctor.

LONGBLOCK ASSEMBLY

8M0052529

Remanufactured PRO-Series Longblock
GM 8 Cyl., 5.7 Liter Vortec 350 V8
(Left-Hand Standard Rotation) with remanufactured Vortec cylinder heads. This longblock is packaged in a one-way container. No core or container charges apply.

This engines replaces 1999 and newer Volvo 5.7GXi, GSi, & OXi MPI models only using 1.6:1 roller rocker arms. This block has provisions for a CPS (Crank Position Sensor). There are no provisions for a mechanical fuel pump.

807447R03

Remanufactured PRO-Series Longblock
GM 8 Cyl., 5.7 Liter Gen+ 350 V8
(Left-Hand Standard Rotation) with remanufactured Vortec cylinder heads.

This is used to service 357 Mag Bravo Plus-Series engine 865108R85 or 350 Gen + Crate engine 807447A12. This block is NOT equipped for applications using a CPS (Crank Position Sensor). This block has provisions for a mechanical fuel pump and uses a special camshaft profile unique to these applications.

860186R 5

Remanufactured PRO-Series Longblock
GM 8 Cyl., 5.7 Liter Gen+ 350 V8
(Left-Hand Standard Rotation) with remanufactured Vortec cylinder heads.

Replaces 1996 (only) 5.7L EFI Gen+ and 350 Mag MPI Multi-Port Fuel Injected marine engines with a mechanical fuel pump. Additioanlly, this engine services the 357 Alpha Plus-Series engine 865108R88 and 350 Gen+ Crate Engine 807447A14. This block has NO provisions for a CPS (Crank Position Sensor). This block has provisions for a mechanical fuel pump.

8M0124238

Remanufactured PRO-Series Longblock
GM 8 Cyl., 5.7 Liter Gen+ 350 V8
(Left-Hand Standard Rotation) with remanufactured Vortec cylinder heads.

Replaces 2002-2004 MerCruiser 350 MPI Multi-Port Fuel Injected sterndrive & inboard marine engines. This block has provisions for a CPS (Crank Position Sensor). There are no provisions for a mechanical fuel pump. This engine is interchangeable the 8M0057442.

8M0124033

Remanufactured Pro-Series Longblock
GM 8 Cyl., 5.7 Liter Gen+ 350 V-8
(Left-Hand Standard Rotation) with remanufactured Vortec cylinder heads.

Replaces 2005-2015 MerCruiser 350 MAG MPI Multi-Port Fuel Injected sterndrive & inboard marine engines. This block has provisions for a CPS (Crank Position Sensor). There are no provisions for a mechanical fuel pump. It uses a proprietary MerCruiser roller camshaft profile used during the years listed for MerCruiser applications using dual knock sensors. (SN# 0W310000 and up)

6.2 LITER V-8 LONGBLOCK ASSEMBLY

LONGBLOCK ASSEMBLY

8M0095941

Remanufactured PRO-Series Longblock
GM 8 Cyl., 6.2 Liter Gen+ 377 V8
(Left-Hand Standard Rotation) with remanufactured Vortec cylinder heads.

Replaces 2002-2009 MerCruiser 6.2L MPI Multi-Port Fuel Injected sterndrive and inboard marine engines without ECT. This block has provisions for a CPS (Crank Position Sensor). There are no provisions for a mechanical fuel pump. It uses a proprietary 6.2L MerCruiser roller camshaft profile used during the years listed (SN# 0M300000-1A353300)

LONGBLOCK ASSEMBLY

865108R01

Remanufactured PRO-Series Longblock
GM 8 Cyl., 6.3 Liter Gen+ 383 V8
(Left-Hand Standard Rotation) with remanufactured Vortec cylinder heads.

This engines is used to service 2005 thru 2007 Mercury Remanufacturing 383 Mag Stroker Multi-Port Fuel Injected marine engines, 865108R10, 865108R11 & 865108R80. This block has provisions for a CPS (Crank Position Sensor). There are NO provisions for a mechanical fuel pump. It uses a proprietary 383 roller camshaft profile, 1.6:1 roller rocker arms and 100 PSI oil pump.

7.4 LITER V-8 LONGBLOCK ASSEMBLY

LONGBLOCK ASSEMBLY

806351R50

Remanufactured PRO Series Longblock
GM 7.4 Liter V/8 GEN-V Block
(Left-Hand Standard Rotation)

Replaces 1992-1996 GM 7.4L sterndrive and inboard marine engines with oval ports and flat-tappets.

LONGBLOCK ASSEMBLY

883281R50

Remanufactured PRO Series Longblock
GM 7.4 Liter MPI V/8 L-29 Block
(Left-Hand Standard Rotation)

Replaces 1998 and newer GM 7.4L MPI L-29 Standard sterndrive and inboard marine engines with oval ports and roller-lifters.

8.1 LITER 496 V-8 LONGBLOCK ASSEMBLY

LONGBLOCK ASSEMBLY

8M0086000

Remanufactured PRO-Series Longblock
MerCruiser 8 Cyl. 8.1L 496 V8
(Left-Hand Standard Rotation) with new Mercury cylinder heads and new Mercury block. This is used to service MerCruiser 496 Mag and 8.1L Horizon base engines rated at 370 & 375 HP. This heavy duty iron block with splayed main bearing caps is for applications using a CPS (Crank Position Sensor) for model years 2001 & up. Unique to this 8.1L service engine is a priority main lubrication system for use with MerCruiser applications only. Use of this service block for makes other than MerCruiser & Mercury Remanufacturing is not recommended, nor supported.

8M0086001

Remanufactured PRO-Series Longblock
MerCruiser 8 Cyl. 8.1L 496 High Output V8
(Left-Hand Standard Rotation) with new Mercury GM cylinder heads and new Mercury block. This is used to service MerCruiser 496 Mag H.O. and 8.1L H.O. engines rated at 420 & 425 HP. This heavy duty iron block with splayed main bearing caps is for applications using a CPS (Crank Position Sensor) for model years 2001 & up. Unique to this 8.1L service engine is a priority main lubrication system for use with MerCruiser applications only. Use of this service block for makes other than MerCruiser & Mercury Remanufacturing is not recommended, nor supported.

REMAN CYLINDER HEADS - MERCRUISER

Mercury Remanufacturing starts with the best available "marine" cylinder head cores. Each cylinder head is completely disassembled and then precision machined for proper gasket sealing and concentric stem-to-guide clearances.

With a 1-Year Factory Limited Warranty, Cylinder Heads from Mercury Remanufacturing can be installed with complete confidence.

V-6 CYLINDER HEADS

CYLINDER HEAD ASSEMBLY

938-**884740R**

Fully Assembled Remanufactured Cylinder Head.
Assembly includes a freshly machined cylinder head, new stainless steel valves, guides, keepers, and springs. Ready for installation.

NOTE: Will require replacing the original rocker arms with Rocker Arm & Ball Kit p/n 824335T

Fits MCM 4.3L engines (1985-1993)

CYLINDER HEAD ASSEMBLY

938-**883296R 1**

Fully Assembled Remanufactured Cylinder Head.
Assembly includes a freshly machined cylinder head, new stainless steel valves, guides, keepers, and springs. Ready for installation.

Fits MCM 4.3L Gen II engines w/ balanced shaft(1993-1996)

CYLINDER HEAD ASSEMBLY

938-**827178R 1**

Fully Assembled Remanufactured Cylinder Head.
Assembly includes a freshly machined cylinder head, new stainless steel valves, guides, keepers, and springs. Ready for installation.
(Special Note: Do not order this head assembly if the engines original cylinder heads included roller-rocker arms.)

Fits(1996-1999) MCM 4.3L Gen+ engines with non-roller rocker arms.

V-8 SMALL-BLOCK CYLINDER HEADS

CYLINDER HEAD ASSEMBLY

938-**883490R 1**

Fully Assembled Remanufactured Cylinder Head
(Brand new head casting)

Fits MCM/MIE (1987-1996) 5.7L (non-Gen +) engines.

V-8 BIG-BLOCK CYLINDER HEADS

CYLINDER HEAD ASSEMBLY

938-**883492R 1**

Fully Assembled Remanufactured Cylinder Head

Fits (1992-1998) MCM/MIE 7.4L Gen. V & VI engines w/ oval port.

938-**884742R**

Fully Assembled Remanufactured Cylinder Head

Fits (1998-2001) MCM/MIE 7.4L - L29 engines with D-port exhaust.

.040 IN. (1 MM) OVERSIZE PISTON W/RINGS CHART

.040 in(1 mm) Oversize Pistons w/Rings Cross Reference

Engine Model	Plus-Series P/N	Int'l Plus Series P/N	Pistonsw/ rings .040"(1mm) O.S.
3.0L TKS Alpha - Plus Series	8M0072497	8M0072497	700-8M0111066
4.3L Gen + Alpha 4V - Plus Series	865108R89	8M0064803	700-8M0111058
4.3L Gen+ 4V Crate - Plus Series	807736R11	807736R51	700-8M0111058
4.3L Longblock 86-92	14149R 5	14149R50	700-8M0111058
4.3L Longblock 93-96	803647R 5	803647R50	700-8M0111058
4.3L Gen+ Longblock 96-99	807736R 5	807736R50	700-8M0111058
4.3L Gen+ Carb/TBI Longblock 00-07	862757R01	8M0063328	700-8M0111058
4.3L Gen+ MPI Longblock 02-07	864256R05	8M0063328	700-8M0111058
4.3L Gen+ Longblock 07-16	879150R31	879150R31	700-8M0111058
5.0L Longblock	805636R 5	805636R50	700-8M0111064
5.0L Gen+ Longblock	8M0057443	8M0057443	700-8M0111065
350 Alpha Crate - Plus Series	8M0079530	8M0079530	700-8M0111058
350 Gen+ Crate - Plus Series	8M0079531	8M0079531	700-8M0111058
350 Mag MPI Alpha - Plus Series	863661R 5	8M0064799	700-8M0111057
350 Mag MPI Crate - Plus Series 02-04	8M0092946	8M0092946	700-8M0111058
350 Mag MPI Crate - Plus Series 05-15	8M0093550	8M0093550	700-8M0111058
357 Alpha 4V - Plus Series	865108R88	8M0064802	700-8M0111058
357 Bravo 4V - Plus Series	865108R85	8M0064801	700-8M0111058
MIE 357 Horizon (Inline) Bobtail - Plus Series	8M0064805	8M0064805	700-8M0111057
MIE 357 Horizon (V-drive) Bobtail - Plus Series	8M0076188	8M0076188	700-8M0111057
357 Bravo Longblock	807447R03	807447R03	700-8M0111058
5.7L Longblock 87-95	883944R 5	883944R50	700-8M0111058
5.7L Longblock (roller lifter) 91-97	807447R 5	807447R50	700-8M0111058
5.7L Longblock (roller lifter) 91-97, Non-rtn container	807447R60	807447R50	700-8M0111058
5.7L Gen+ Longblock 96 EFI (for use w/mech fuel pump)	860186R 5	860186R 5	700-8M0111058
5.7L Gen+ Longblock 96-15	807449R 5	807449R50	700-8M0111057
5.7L Gen+ MPI Longblock 02-04	863661R 5	N/A	700-8M0111057
5.7L Gen+ MPI Longblock 05-15 (dual knock sensors)	866138R03	N/A	700-8M0111057
5.7L Longblock Volvo GXi, GSi & OSi 99-15	8M0052529	8M0052529	700-8M0111057
6.2L Longblock 99-01	862760R01	862760R01	700-8M0111056
6.2L Longblock 06-09	8M0061211	8M0095941	700-8M0111056
383 Mag Bravo 4V - Plus Series	865108R90	8M0064804	700-8M0111056
383 Mag Stroker Bravo MPI- Plus Series	865108R80	8M0064800	700-8M0111056
383 MPI Bravo FWC - Plus Series	8M0109404	8M0109404	700-8M0111056
MIE 383 Mag 4V (LH) - Plus Series	8M0061212	8M0061212	700-8M0111056
MIE 383 Mag 4V (RH) - Plus Series	8M0061213	8M0061213	700-8M0111056
MIE 383 Mag Stroker MPI - Plus Series	865108R10	865108R10	700-8M0111056
385 Perf Tune - Plus Series	8M0064807	8M0064807	700-8M0111067
383 Mag 4V Longblock, MCM & MIE (LH)	807447R02	807447R02	700-8M0111056
383 Mag Stroker Bravo MPI Longblock	865108R01	865108R01	700-8M0111056
383 Stroker Scorpion Longblock	879147R55	879147R55	700-8M0111056
MIE 383 Mag 4V (RH)	8M0062371	8M0062371	700-8M0111056
7.4L Gen V Longblock 92-96	806351R 5	806351R50	700-8M0111059
7.4L (L29) Longblock 98-02	883281R 5	883281R50	700-8M0111059
496 HO - Plus Series	8M0089472	8M0089472	700-8M0111799(1)(3)
496 HO - Plus Series	8M0089472	8M0089472	700-8M0111800(1)(4)
MIE 8.1L Horizon (Down-angle) Bobtail - Plus Series	8M0088282	8M0088282	700-8M0111799(1)(3)
MIE 8.1L Horizon (Down-angle) Bobtail - Plus Series	8M0088282	8M0088282	700-8M0111800(1)(4)
MIE 8.1L Horizon (V-Drive) Bobtail - Plus Series	8M0088283	8M0088283	700-8M0111799(1)(3)
MIE 8.1L Horizon (V-Drive) Bobtail - Plus Series	8M0088283	8M0088283	700-8M0111800(1)(4)
8.1L Longblock (01-up)	8M0086000	8M0086000	700-8M0111799(1)(3)
8.1L Longblock (01-up)	8m0086000	8M0086000	700-8M0111800(1)(4)
8.1L HO Longblock (01-up)	8M0086001	8M0086001	700-8M0111799(1)(3)
8.1L HO Longblock (01-up)	8M0086001	8M0086001	700-8M0111800(1)(4)
502 Longblock (93-01)	8M0093551	8M0062846	700-8M0111134(2)

(1) Actual O.S. is .060 in (1.52 mm)

(2) Actual O.S. is .064 in (1.62 mm)

(3) Floating Piston

(4) Non-Floating Piston

OVERSIZE BEARINGS AND VALVES CHART

Oversize Bearings & Vavles Cross Reference

Engine Model	P/N	Crankshaft Bearings - .030 (.76 mm) O.S.	Connecting Rod Bearings - .030 (.76 mm) O.S.	Intake Valve - O.S.	Exhaust Valve - O.S.
3.0L Longblock	805052R 5	23-8M0123479	23-8M0123485	8M0123495(1)	8M0123505(1)
4.3L Longblock 86-92	14149R 5	23-8M0123480	23-8M0123486	8M0123495(1)	8M0136920(1)
4.3L Longblock 93-96	806347R 5	23-8M0123480	23-8M0123486	8M0123495(1)	8M0136920(1)
4.3L Gen+ Longblock 96-99	807736R 5	23-8M0123480	23-8M0123486	8M0123492(1)	8M0123501(1)
4.3L Gen+ Carb/TBI Longblock 00-07	862757R01	23-8M0123480	23-8M0123486	8M0123492(1)	8M0123501(1)
4.3L Gen+ MPI Longblock 02-07	864256R05	23-8M0123480	23-8M0123486	8M0123492(1)	8M0123501(1)
4.3L Gen+ MPI Longblock 02-07	8M0057441	23-8M0123480	23-8M0123486	8M0123492(1)	8M0123501(1)
4.3L Gen+ Longblock 07-16	879150R31	23-8M0123480	23-8M0123486	8M0123492(1)	8M0123501(1)
5.0L Longblock 87-95	805636R 5	23-8M0123480	23-8M0123485	8M0123491(1)	8M0123499(1)
5.0L Gen+ Longblock	863660R05	23-8M0123480	23-8M0123485	8M0136919(1)	8M0123500(1)
5.0L Gen+ Longblock	8M0057443	23-8M0123480	23-8M0123485	8M0136919(1)	8M0123500(1)
5.7L Longblock 87-95	883944R 5	23-8M0123480	23-8M0123485	8M0123492(1)	8M0123500(1)
5.7L Longblock (roller lifter) 91-97	807447R 5	23-8M0123480	23-8M0123485	8M0123492(1)	8M0123500(1)
5.7L Longblock (roller lifter) 91-97, Non-rtn container	807447R60	23-8M0123480	23-8M0123485	8M0123492(1)	8M0123500(1)
357 Bravo Longblock	807447R03	23-8M0123480	23-8M0123485	8M0123492(1)	8M0123500(1)
5.7L Gen+ Longblock 96 EFI (for use w/mech fuel pump)	860186R 5	23-8M0123480	23-8M0123485	8M0123492(1)	8M0123500(1)
5.7L Gen+ Longblock 96-15	807449R 5	23-8M0123480	23-8M0123485	8M0123492(1)	8M0123500(1)
5.7L Gen+ MPI Longblock 02-04	863661R 5	23-8M0123480	23-8M0123485	8M0123492(1)	8M0123500(1)
5.7L Gen+ MPI Longblock 05-15 (dual knock sensors)	866138R03	23-8M0123480	23-8M0123485	8M0123492(1)	8M0123500(1)
5.7L Longblock Volvo GXi, GSi & OSi 99-15	8M0052529	23-8M0123480	23-8M0123485	8M0123492(1)	8M0123500(1)
6.2L Longblock 99-01	862760R01	23-8M0123481	23-8M0123488	8M0123492(1)	8M0123500(1)
6.2L Longblock 06-09	8M0061211	23-818465(4)	23- 85701(4)	802555(4)	824317 1(4)
383 Mag 4V Longblock, MCM & MIE (LH)	807447R02	23-8M0123482(2)	23-8M0123487	8M0123492(1)	8M0123500(1)
MIE 383 Mag 4V (RH)	8M0062371	23-8M0123482(2)	23-8M0123487	8M0123492(1)	8M0123500(1)
383 Mag Stroker Bravo MPI Longblock	865108R01	31-849396(4)	849391T(4)	809992(4)	824317 1(4)
7.4L Gen V Longblock 92-96	806351R 5	23-8M0123483	23-8M0123490	8M0123498(1)	8M0123506(1)
7.4L (L29) Longblock 98-02	883281R 5	23-8M0123483	23-8M0123490	8M0123498(1)	8M0123506(1)
8.1L Longblock (01-up)	8M0086000	23-8M0123484	23-8M0123489	8M0123494(3)	8M0123503(3)
8.1L HO Longblock (01-up)	8M0086001	23-8M0123484	23-8M0123489	8M0123494(3)	8M0123503(3)
502 Longblock (93-01)	8M0093551	23-818473001(4)	23- 85726001(4)	821024T(4)	816962(4)
502 Longblock (93-01)	8M0113061	23-818473001(4)	23- 85726001(4)	821024T(4)	816962(4)
540 Stroker Longblock	8M0101598	23-818473001(4)	23- 85726001(4)	N/A	N/A

(1) .015 in (.38 mm) O.S.

(2) .020 in (.51 mm) O.S.

(3) .030 in (.76 mm) O.S.

(4) Standard size

QUICKSILVER VALUE SERIES LONGBLOCKS

Like the popular Quicksilver Crate Engines, the 100% new Quicksilver Value Series longblocks are not converted automobile units nor remanufactured. Quicksilver Value Series longblocks are built from scratch for Marine applications, and some are compatible for Industrial duty! Quicksilver tooled and assembles these 100% new engines to keep legacy products fully supported with superior products that are now built better than ever! Improvements to the original products include:

1 Year Limited Warranty
Black-X Valve Technology
- 21N Intake valve parent material
- 24N Exhaust valve parent material
- Plasma nitride prevents valve sticking & increases toughness
- Chrome-Cobalt alloy seats resist corrosion from alcohol fuels
- Valve life improved 42%

Hardened valve seat installed in the cylinder heads
- Hardened Intake & Exhaust seat inserts
- Premium alloy seat material

Heavy duty head and block castings
- Resist corrosion and cracking
- Higher loading capacity
- Ability to use solid engine mounts

Premium components
- 100% brass core plugs
- High volume oil pump
- Marine valve springs resist fatigue
- Super polished crankshafts using superior material and design features

100% Advanced SIM Testing
- Water and oil passages pressure tested 100%
- Phased rotational testing with hot oil validates all oil passages, bearings, and assembly
- Advanced compression testing verifies cylinder sealing and valve lash integrity
- Oil flush at completion of test removes break-in debris
- Shipped without oil to prevent spillage while in transit

No core & no container deposits
Free Freight
Parts that will need to be transferred or purchased separately
- Balancer
- Flywheel
- Spark Plugs
- Distributor
- Water pump
- Manifold gasket set
- Quicksilver Synthetic Blend 25W-40 4-Stroke Oil

LONGBLOCK ASSEMBLY

Image not Available.

8M0128770

Quicksilver Value Series Longblock
4 Cylinder 3.0 Liter, 181 Inline-4
(Left-Hand Standard Rotation) 100% New Content
Replaces 1990 & up 3.0L Marine and non-port fuel injected Industrial LMX engines. MerCruiser applications include: 1990-1997 3.0L LX engines (S/N 0C856599-0K999999), also 1998 & Up 3.0L carb & MPI MerCruiser engines (0L010042 & up). Compatible with 1999 & newer Volvo marine engines.
Engine Features: Cast iron block, large fillet radii crankshaft, Tri-metal bearings, 9.3:1 pistons, & 1.5:1 rocker arms. Includes provision for crankshaft pilot bearing compatible with 1999 & newer Volvo engine couplers. Quicksilver cast iron cylinder heads include: hardened seats, screw in studs, Black-X valves, & exclusive Quicksilver combustion chamber design resists knock. No provision for port-mounted fuel injectors.
3-Years of Limited Factory Warranty.

135 HP 100% New Quicksilver Marine & Industrial Engine

8M0137122

Quicksilver Value Series Longblock
8 Cylinder 8.1 Liter, 496 V-8
(Left-Hand Standard Rotation) 100% New Content
Replaces 2001 & up 496 Mag & 8.1L Horizon MerCruiser, Mercury Remanufacturing, & Quicksilver base engines. Use of this service block for other makes is not recommended, nor supported. A complete repower with a Quicksilver Plus Series engine is recommended for other makes.
Engine Features: Heavy Duty Iron Block with Splayed 4-bolt Main Bearing Caps, Priority Main Oiling System, 8.6:1 Hypereutectic Pistons, Roller Camshaft, 1.7:1 Rocker Arms, Forged Steel Crankshaft, and billet oil adapter. Quicksilver Iron Cylinder Heads feature Black-X Valve Technology, hardened seats, and shot peened marine valve springs.
3-Years of Limited Factory Warranty.

370 & 375 HP 100% New Quicksilver Marine Engine

8M0137121

Quicksilver Value Series Longblock
8 Cylinder 8.1 Liter, 496 High Output V-8
(Left-Hand Standard Rotation) 100% New Content
Replaces 2001 & up 496 Mag H.O. & 8.1L H.O. MerCruiser, Mercury Remanufacturing, & Quicksilver High Output engines. Use of this service block for other makes is not recommended, nor supported. A complete repower with a Quicksilver Plus Series engine is recommended for other makes.
Engine Features: Heavy Duty Iron Block with Splayed 4-bolt Main Bearing Caps, Priority Main Oiling System, 8.6:1 Hypereutectic Pistons, Roller Camshaft, 1.7:1 Rocker Arms, Forged Steel Crankshaft, and billet oil adapter. Quicksilver Iron Cylinder Heads feature Black-X Valve Technology, hardened seats, and shot peened marine valve springs.
3-Years of Limited Factory Warranty.

420 & 425 HP 100% New Quicksilver Marine Engine

MERCRUISER *NEW* GASOLINE LONGBLOCKS

These new MerCruiser longblocks have a standard P&A 1 year limited warranty.

LONGBLOCK ASSEMBLY

864626A02

Brand *NEW* Longblock
GM 4 cyl., 3.0 Liter 181 cid I/L 4
Replaces 2008-2016 MCM 3.0L MPI engines.

LONGBLOCK ASSEMBLY

8M0114790

Brand *NEW* Longblock
Mercury 6 Cyl., 4.5 Liter 275 V6
Replaces 2014 and newer 4.5L engines (s/n 2A441953 and up)

LONGBLOCK ASSEMBLY

8M0101211

Brand *NEW* Longblock
GM 6 Cyl., 4.3 Liter Gen+ 262 V6 includes TKS intake manifold
Replaces 2002-2015 4.3L TKS Gen+ engines.
NOTE: Please see MerCruiser Service Bulletin 2007-11 for additional components which may be required when replacing 4.3L engines with s/n 1A063239 and below.

LONGBLOCK ASSEMBLY

8M0088396

Brand *NEW* Longblock
GM 8 Cyl., 5.0 Liter Gen+ 305 V8
Replaces 1998-2015 5.0L Carbureted, Throttle Body Injected EFI and Multi-Port Injected MPI engines.

4.3L MPI GEN+ CRATE ENGINE

8M0101212

Features include: New 75mm TBU, 2-piece aluminum intake manifold with iron base, new fuel injector & rail assembly, new sensors, new V6 HVS assembly, nodular iron crankshaft, roller camshaft, iron cylinder heads, stainless steel valves, 9.4:1 hypereutectic pistons, and 1.5:1 roller rocker arms.
Includes: Harmonic balancer, aluminum oil pan, circulating water pump, spark plugs and wires.
1-Year of Limited Factory Warranty. Runs on 87 Octane Fuel.
220 HP New Crate Engine
Replaces 2002-2016 4.3L MPI GEN+ engines.
NOTE: Please see MerCruiser Service Bulletin 2007-11 for additional components which may be required when replacing 4.3L engines with s/n 1A063239 and below.

LONGBLOCK ASSEMBLY

800-**866138A05**

Brand *NEW* Longblock
GM 8 Cyl., 5.7 Liter Gen+ 350 V-8
Replaces 2008-2015 Scorpion 350 EC Tow Sports engines (s/n 0W698433 and up)

LONG BLOCK ASSEMBLY

879288A06

Brand *NEW* Longblock
GM 8 Cyl.,6.2 Liter Gen+ 377 V8

Replaces 2009-2015 MCM 6.2L Gen+ MPI engines (s/n 1A345480-2A455858 and up); also 2009-2015 MIE 6.2L Gen+ MPI engines (s/n 1A091826-2A455246)

LONGBLOCK ASSEMBLY

8M0125139

Brand *NEW* Longblock
Mercury 8 Cyl., 6.2 Liter 377 V8

Replaces 2016 and newer 6.2L engines (s/n 2A456613 and up)

LONGBLOCK ASSEMBLY

8M0074038

Brand *NEW* Longblock
GM 8 Cyl., 8.2 Liter 502 V8 GEN-VI Block

Replaces 2010 & newer MCM/MIE 8.2L engines

LONGBLOCK ASSEMBLY - RACING SERIES

841178A05

Brand *NEW* Longblock
GM 8 Cyl., 8.2 Liter 502 V8 GEN-VI Block

Replaces 2006 & newer MCM Racing 525 EFI engines (s/n 0M953620 and up), 565 EFI, 600 SCi, 662 SCi & 700 SCi

MERCRUISER "NEW" DIESEL LONGBLOCKS

LONGBLOCK ASSEMBLY

879172001

Brand *NEW* Longblock
VM Inline-4 Cylinder, 2.0L
115/130/150/170

Services 2007 & Newer QSD-2.0L 115/130/150/170, Tier 2 engines (s/n 88200000 & up)
Services 2014 & Newer Mercury 2.0L 115/130/150/170, Tier 3 Engines (s/n 70000000 & up)

879288036

Brand *NEW* Longblock
VM Inline-4 Cylinder, 2.8L 165

Services 1997-2004 MerCruiser/CMD 2.8L 165 Engines

896332253

Brand *NEW* Longblock
VM Inline-4 Cylinder, 2.8L 170/200

Services 2004 & Newer CMD 2.8L 170/200 Engines (s/n 88005200 & up)

879150102

Brand *NEW* Longblock
VM Inline-4 Cylinder, 2.8L 170/210/220/230

Services 2007 & Newer QSD-2.8L 170/210/220/230, Tier 2 Engines (s/n 88300000 & up)

879831

Brand *NEW* Longblock
VM Inline-6 Cylinder, 4.2L IDI 220

Services 1990-2003 MerCruiser 4.2L 220 IDI Engines (s/n 0C849461 & up)

898272020

Brand *NEW* Longblock
VM Inline-6 Cylinder, 4.2L Mechanical Injection 200/230

Services 1997-2009 MerCruiser/CMD 4.2L 200/230 Engines

879150153

Brand *NEW* Longblock
VM Inline-6 Cylinder, 4.2L Digital Injection 250/270/300/320

Services 1997-2009 MerCruiser/CMD 250/270/300/320 Engines

879150103

Brand *NEW* Longblock
VM Inline-6 Cylinder, 4.2L 270/320/350

Services 2007 & Newer Mercury/QSD-4.2L 270/320/350, Tier 2 Engines (s/n 88400000 & up)

8M0066850

Brand *NEW* Longblock
VW Inline-4 Cylinder, 1.9L 40/50/60/75

Services Mercury 1.9L TDI 40/50/60/75, Tier 2 Engines

8M0066740

Brand *NEW* Longblock
VW V-8 Cylinder, 4.2L

Services Mercury 4.2L TDI, Tier 2 Engines

SHORTBLOCK ASSEMBLY

8M0112307

Brand "NEW" Partial Engine w/o Cyl heads
Fiat Inline-6 Cylinder, 6.7L

Services 2016 & Newer MerCruiser 135 & 150 NA Engines

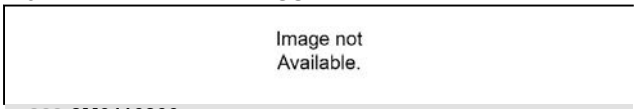
8M0112308

Brand "NEW" Partial Engine w/o Cyl heads
Fiat Inline-6 Cylinder, 6.7L

Services 2016 & Newer MerCruiser 180/230/260/280 TCA and 200 TC Engines

MERCRUISER *NEW* CYLINDER HEADS

4.5L CYLINDER HEAD ASSEMBLY



900-**8M0116266**

Brand *NEW* complete cylinder head. Includes valves, springs caps, seals, etc.
Fits Mercury 4.5L MPI

engines

6.2L CYLINDER HEAD ASSEMBLY

900-**8M0107023**

Brand *NEW* complete cylinder head. Includes valves, springs caps, seals, etc.
Fits Mercury 6.2L MPI engines (s/n 2A456613 and above)

8.2L CYLINDER HEAD ASSEMBLY

900-**8M0046344**

Brand *NEW* complete cylinder head. Includes valves, springs caps, seals, etc.
Fits Mercury 8.2L MPI engines (s/n 1A350340 and above)

NEW QUICKSILVER CYLINDER HEADS

Iron Cylinder Heads

Quicksilver, the global standard for durable marine parts, now offers iron cylinder heads with exclusive Black-X Composite Valve Technology.

QUICKSILVER®

NEW QUICKSILVER CYLINDER HEADS APPLICATION CHART

3.0L
Cylinder Head Assembly
938-8M0115135

2.5L/3.0L
Cylinder Head Assembly
938-8M0115134

4.3L
Cylinder Head Assembly
938-8M0115136

5.7L/6.2L
Cylinder Head Assembly
938-8M0115137

357
Cylinder Head Assembly
938-8M0115138

383
Cylinder Head Assembly
938-8M0115139

385
Cylinder Head Assembly
938-8M0115140

454/502
Cylinder Head Assembly
938-8M0115141

540
Cylinder Head Assembly
938-8M0115142

540
Cylinder Head Assembly
938-8M0115143

8.1L
Cylinder Head Assembly
900-8M0090760 (R)
900-8M0091709 (L)

CYL HEAD PN	APPLICATION	YEAR	VALVE
938-8M0115134	2.5L	1963-1989	BLACK X COMPOSITE
938-8M0115134	3.0L	1968-1994	BLACK X COMPOSITE
938-8M0115135	3.0LX	1990-1997	BLACK X COMPOSITE
938-8M0115135	3.0L	1998+	BLACK X COMPOSITE
938-8M0115136	4.3L	2000-2015	BLACK X COMPOSITE
938-8M0115137	5.7L & 383 MPI	1996+	BLACK X COMPOSITE
938-8M0115137	6.2L	1999-2009	BLACK X COMPOSITE
938-8M0115138	357 MAG 4V	2008+	BLACK X COMPOSITE
938-8M0115139	383 MAG 4V	2010+	BLACK X COMPOSITE
938-8M0115140	385 PT	2016+	PERFORMANCE TUNE
938-8M0115141	454/502 HO GEN V & VI	1992-2000	BLACK X COMPOSITE
900-8M0090760	8.1L STBD/RIGHT	2000+	BLACK X COMPOSITE
900-8M0091709	8.1L PORT/LEFT	2000+	BLACK X COMPOSITE
938-8M0115142	540 MAG 2.19" INTAKE	2014+	MANLEY SEVERE DUTY
938-8M0115143	500/500EFI/540 2.25"	1992+	MANLEY SEVERE DUTY

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NEW QUICKSILVER CYLINDER HEADS

Quicksilver now offers a wide variety of new cast iron cylinder head assemblies built for maximum durability in extreme applications. These extreme applications include: marine, circle track racing, RV, truck, and industrial applications.

All feature hardened seats on the intake and exhaust ports. Exclusive to Quicksilver are Black-X Composite valves that are stainless steel valves with seats treated with a cobalt-chromium alloy and black plasma nitriding. This composition provides extreme durability when using gasoline and compatibility with alcohol and alternative fuels.

NEW QUICKSILVER INLINE 4-CYLINDER HEADS

2.5L/3.0L CYLINDER HEAD ASSEMBLY

938-**8M0115134**

All new Quicksilver cast iron cylinder head, hardened valve seats press fit into the cylinder head with stainless steel valves featuring seats treated with a cobalt-chromium alloy for extreme durability. This cylinder head features screw-in rocker studs. Early design large intake ports require the use of gasket 27-96429.

1963-1989 MCM 2.5L & GM 2.5L
1968-1989 MCM 3.0L & GM 3.0L
2.5L GM automotive & Postal engine

3.0L CYLINDER HEAD ASSEMBLY

938-**8M0115135**

All new Quicksilver cast iron cylinder head, hardened valve seats press fit into the cylinder head with stainless steel valves featuring seats treated with a cobalt-chromium alloy for extreme durability. This cylinder head features screw-in rocker studs. Smaller ports are updated to the latest design to deliver more power. No provision for in port fuel injector for non-MerCruiser applications.

1990-2016 MCM 3.0L, 3.0LX, & 3.0L MPI
3.0L Industrial

NEW QUICKSILVER V6-CYLINDER HEADS

4.3L CYLINDER HEAD ASSEMBLY

938-**8M0115136**

All new Quicksilver cast iron cylinder head, hardened valve seats press fit into the cylinder head with stainless steel valves featuring seats treated with a cobalt-chromium alloy for extreme durability. This cylinder head is for applications using roller rocker arms.

2000-2015 MCM 4.3L & 4.3L MPI
4.3L 4V Crate Engines
4.3L 4V Plus Series
2000-2015 4300 LU3 automotive, truck & industrial

NEW QUICKSILVER SMALL BLOCK V8-CYLINDER HEADS

5.7L/6.2L CYLINDER HEAD ASSEMBLY

938-**8M0115137**

All new Quicksilver cast iron cylinder head, hardened valve seats press fit into the cylinder head with stainless steel valves featuring seats treated with a cobalt-chromium alloy for extreme durability. This fits 5.7L & 6.2L engines with an 8-bolt intake manifold. This cylinder head features screw-in rocker studs.

1996-2016 MCM/MIE 5.7L using Gen+ heads
2000-2008 MCM/MIE 6.2L using Gen+ heads
350 Alpha Quicksilver Crate Engines - Carb & MPI
357 Horizon MIE Plus Series Engines
357 Alpha & 383 MPI Plus Series engines
1996-2002 5.7L L31 Gen 1e RV, automotive & truck
1996-2016 5.7L L31 Gen 1e industrial

357 CYLINDER HEAD ASSEMBLY

938-**8M0115138**

All new Quicksilver cast iron cylinder head, hardened valve seats press fit into the cylinder head with stainless steel valves featuring seats treated with a cobalt-chromium alloy for extreme durability. This fits 357 engines featuring upgraded ports for higher airflow. These are for engines with an 8-bolt intake manifold pattern. This cylinder head features screw-in rocker studs.

350 Bravo Quicksilver Crate Engines - Carb & MPI
350 MIE Quicksilver Crate Engine
357 Bravo Plus Series engine
350 MPI Tow Sport Plus Series engine
357-CT Circle Track engine

383 CYLINDER HEAD ASSEMBLY

938-**8M0115139**

All new Quicksilver cast iron cylinder head, hardened valve seats press fit into the cylinder head with stainless steel valves featuring seats treated with a cobalt-chromium alloy for extreme durability. Heavy duty springs for engine speeds up to 5800 RPM. This fits 383 carbureted engines featuring upgraded ports for higher airflow. These are for engines with an 8-bolt intake manifold pattern. This cylinder head features screw-in rocker studs.

383 4V MCM/MIE Plus Series engine
383-CT Circle Track engine

NEW QUICKSILVER CYLINDER HEADS

385 CYLINDER HEAD ASSEMBLY

938-**8M0115140**

All new Quicksilver cast iron cylinder head, hardened valve seats press fit into the cylinder head with 24 N stainless steel intake valves featuring seats treated with a cobalt-chromium alloy for extreme durability and nickel super-alloy exhaust valves for high temperature durability. Heavy duty springs for engine speeds up to 5800 RPM. This fits 385 PT engines featuring upgraded ports for higher airflow. These are for engines with an 8-bolt intake manifold pattern. This cylinder head features screw-in rocker studs.

385 Performance Tuned Plus Series engine
5.7L L31 Pressure charged automotive & truck engines

EXHAUST VALVE

8M0123500

.015 O.S. Black-X composite exhaust valve

GM small block

NEW QUICKSILVER BIG BLOCK V-8 CYLINDER HEADS

454/502 CYLINDER HEAD ASSEMBLY

938-**8M0115141**

All new Quicksilver cast iron cylinder head, hardened valve seats press fit into the cylinder head with stainless steel valves featuring seats treated with a cobalt-chromium alloy for extreme durability. This cylinder head fits the 454/502 HO Gen V & VI engines featuring rectangular ports for higher horsepower applications using 2.19" diameter intake valves.

1992-2000 MCM 454 / 502 HO & MIE 454 Horizon

8.1L CYLINDER HEAD ASSEMBLY - STARBOARD/ RIGHT/AUTO PASSENGER SIDE

900-**8M0090760**

All new Quicksilver cast iron cylinder head, hardened valve seats press fit into the cylinder head with stainless steel valves featuring seats treated with a cobalt-chromium alloy for extreme durability. This cylinder head features original design ports for marine, automotive, RV, and most industrial applications.

2000-2009 MCM 496 & 496 HO
2000-2009 MIE 8.1S Horizon & 8.1S HO
496 HO MPI Plus Series
8.1L Horizon Plus Series
8.1L (L18) RV, truck & industrial applications

8.1L CYLINDER HEAD ASSEMBLY - PORT/LEFT/AUTO DRIVERS SIDE

900-**8M0091709**

All new Quicksilver cast iron cylinder head, hardened valve seats press fit into the cylinder head with stainless steel valves featuring seats treated with a cobalt-chromium alloy for extreme durability. This cylinder head features original design ports for marine, automotive, RV, and most industrial applications.

2000-2009 MCM 496 & 496 HO
2000-2009 MIE 8.1S Horizon & 8.1S HO
496 HO MPI Plus Series
8.1L Horizon Plus Series
8.1L (L18) RV, truck & industrial applications

540 CYLINDER HEAD ASSEMBLY

938-**8M0115142**

All new Quicksilver cast iron cylinder head, hardened valve seats press fit into the cylinder head using Manley Extreme Duty stainless steel valves for high temperature durability. This cylinder head fits the 540 Mag Bravo 4V engines featuring rectangular ports for high torque applications using 2.19" diameter intake valves.

540 Mag Bravo 4V Plus Series engine

938-**8M0115143**

All new Quicksilver cast iron cylinder head, hardened valve seats press fit into the cylinder head using Manley Extreme Duty stainless steel valves for high temperature durability. This cylinder head features rectangular ports for MerCruiser High Performance applications using 2.25" diameter intake valves.

HP 500 & 500 EFI
540 Mag Crate Engine

LONGBLOCK CROSS REFERENCE CHARTS

Plus-Series Engines Longblock Cross Reference

Engine Model	Plus-Series P/N	Reman Pro-Series P/N
MCM 4.3L Alpha 4V	8M0064803	8M0063328
MCM 4.3L Gen+	807736R51	8M0063328
MCM 350 Alpha Crate	8M0079530	860186R 5
MCM 350 Gen+ Crate	8M0079531	807447R03
MCM 350 Mag MPI Alpha	8M0064799	NA

Engine Model	Plus-Series P/N	Reman Pro-Series P/N
MCM 383 Mag Stroker	8M0064800	8M0095941
MCM 383 MPI - FWC	8M0109404	8M0095941
MCM 496 HO	8M0089472	8M0086001
MIE 8.1L Horizon (V-Drive)	8M0088283	8M0086000
MIE 8.1L Horizon (Down-angle)	8M0088282	8M0086000

Long Block Cross Reference with GM block code

All long blocks include:
Engine block, crankshaft, connecting rods, pistons, rings, engine bearings, oil pump, marine gaskets, marine camshaft, lifters, timing components, brass core plugs, complete head assemblies, timing cover, oil pan, valve covers, marine water pump and a one year Quicksilver limited warranty.
New long blocks also include flywheels and harmonic balancers. New longblocks may include intake manifolds. See reference chart below.
Remanufactured long blocks DO NOT include intake manifolds, flywheels, harmonic balancers or gasket sets required for assembly.

Model	Cyl/CID/Litre	Year Range	GM Block Code	Notes	New Longblock	Reman Pro-Series P/N	Cylinder Head
120	2.5L 153 CID I/L 4	1974 - 1986	NB	2 pc RM seal	87956A 1(2)	N.L.A.	938-8M0115134(15)
2.5L	2.5L 153 CID I/L 4	1987 - 1989	NB	2 pc RM seal	87956A 1(2)	N.L.A.	938-8M0115134(15)
140	3.0L 181 CID I/L 4	1974 - 1986	RA	2 pc RM seal	87959A 1(2)	N.L.A.(2)	938-8M0115134(15)
3.0L	3.0L 181 CID I/L 4	1987 - 1989	RA	2 pc RM seal	87959A 1(2)	N.L.A.(2)	938-8M0115134(15)
3.0L	3.0L 181 CID I/L 4	1990 - 1991	RM	start 1 pc RM seal, 2.5L head	805047A 1(1)	N.L.A.	N.L.A.
3.0L	3.0L 181 CID I/L 4	1992 - 1994	RJ	2.5L head	805047A 1(1)	N.L.A.	N.L.A.
3.0L	3.0L 181 CID I/L 4	1998	RX	3.0L head, start of stamped rocker cvr	864626A01	N.L.A.	938-8M0115135(15)
3.0L	3.0L 181 CID I/L 4	1999 - 2010	RP	start of 14 in. flywheel & staggered starter mount	864626A01	N.L.A.	938-8M0115135(15)
3.0L	3.0L 181 CID I/L 4	2011	RQ		864626A01	N.L.A.	938-8M0115135(15)
3.0L	3.0L 181 CID I/L 4	2012	BL8		864626A01	N.L.A.	938-8M0115135(15)
3.0L	3.0L 181 CID I/L 4	2013 - 2016	CHB		864626A01	N.L.A.	938-8M0115135(15)
3.0L MPI	3.0L 181 CID I/L 4	2008 - 2010	RP		864626A02	N/A	938-8M0115135(15)
3.0L MPI	3.0L 181 CID I/L 4	2011	RQ		864626A02	N/A	938-8M0115135(15)
3.0L MPI	3.0L 181 CID I/L 4	2012	BL8		864626A02	N/A	938-8M0115135(15)
3.0L MPI	3.0L 181 CID I/L 4	2013 - 2016	CHB		864626A02	N/A	938-8M0115135(15)
3.0LX	3.0L 181 CID I/L 4	1990 - 1991	RN	start 1 pc RM seal, 3.0L head	864626A01	8M0062850	938-8M0115135(15)
3.0LX	3.0L 181 CID I/L 4	1992 - 1997	RK	3.0L head	864626A01	8M0062850	938-8M0115135(15)
185 (4 bbl.)	3.8L 229 CID V-6	1983 - 1984	JK		9848	N.L.A.	N.L.A.
175	4.3L 262 CID V-6	1987	KP	start of roller lifter	14149A 1	14149R50(1)	938-884740R(16)(17)
185 (2 bbl.)	4.3L 262 CID V-6	1985	KD		12178A 1	14149R50(1)	938-884740R(16)(17)
185 (2 bbl.)	4.3L 262 CID V-6	1985	KW	start of 14 in. flywheel	14149A 1	14149R50(1)	938-884740R(16)(17)
185 (2 bbl.)	4.3L 262 CID V-6	1986	KW	start of 1 pc RM seal	14149A 1	14149R50(1)	938-884740R(16)(17)
205	4.3L 262 CID V-6	1985	KJ		12179A 1	14149R50(1)	938-884740R(16)(17)
205	4.3L 262 CID V-6	1985	KR	start of 14 in. flywheel	14149A 1	14149R50(1)	938-884740R(16)(17)
205	4.3L 262 CID V-6	1986	KR	start of 1 pc RM seal	14149A 1	14149R50(1)	938-884740R(16)(17)
205	4.3L 262 CID V-6	1987	KR	start of roller lifter	14149A 1	14149R50(1)	938-884740R(16)(17)
262 Mag EFI (Gen+)	4.3L 262 CID V-6	1996 - 1997	LK	start of Gen +, GM 4bbl intake	864256A 1(13)	807736R50	938-827178R 1(16)
4.3L (2bbl.)	4.3L 262 CID V-6	1988 - 1992	KP		14149A 1	14149R50	938-884740R(16)(17)
4.3L (Gen II) (2 bbl.)	4.3L 262 CID V-6	1992 - 1993	KP	start of electric fuel pump	805613A 1	N.L.A.(5)	938-884740R(16)(17)
4.3L (Gen II) (2 bbl.)	4.3L 262 CID V-6	1993 - 1994	LJ	start of balance shaft	806346A 1	806347R50(6)	938-883296R 1(16)
4.3L (Gen II) (2 bbl.)	4.3L 262 CID V-6	1995 - 1996	LJ	start of plastic timing cover	806346A 1	806347R50(6)	938-883296R 1(16)
4.3L (Gen +) (2 bbl.)	4.3L 262 CID V-6	1998 - 1999	LJ	start of metric fasteners	864256A 1(13)	807736R50	938-827178R 1(16)
4.3L (Gen +) (2 bbl.)	4.3L 262 CID V-6	2000 - 2001	LJ	start of roller rocker arms	864256A 1(13)	8M0063328(12)	938-8M0115136(15)
4.3L (Gen +) (2 bbl.)	4.3L 262 CID V-6	2002 - 2007	LB		864256A 1(13)	8M0063328(12)	938-8M0115136(15)
4.3L (Gen +) (2 bbl.)	4.3L 262 CID V-6	2007 - 2009	LB		8M0101211	NA	938-8M0115136(15)

Model	Cyl/CID/Litre	Year Range	GM Block Code	Notes	New Longblock	Reman Pro-Series P/N	Cylinder Head
4.3L (Gen +) (2 bbl.)	4.3L 262 CID V-6	2010	ADX		8M0101211	NA	938-8M0115136(15)
4.3L (Gen +) (2 bbl.)	4.3L 262 CID V-6	2011	AD4		8M0101211	NA	938-8M0115136(15)
4.3L (Gen +) (2 bbl.)	4.3L 262 CID V-6	2012	AZR		8M0101211	NA	938-8M0115136(15)
4.3L (Gen +) (2 bbl.)	4.3L 262 CID V-6	2013	B28		8M0101211	NA	938-8M0115136(15)
4.3L (Gen +) (2 bbl.)	4.3L 262 CID V-6	2014 - 2016	CGA		8M0101211	NA	938-8M0115136(15)
4.3L EFI (Gen+) (4 bbl.)	4.3L 262 CID V-6	1998 - 1999	LK	start of metric fasteners	864256A 1(13)	807736R50	938-827178R 1(16)
4.3L EFI (Gen+) (4 bbl.)	4.3L 262 CID V-6	2000 - 2001	LK	start of roller rocker arms	864256A 1(13)	8M0063328(12)	938-8M0115136(15)
4.3L MPI	4.3L 262 CID V-6	2002	LJ		864256A 2(13)	8M0063328	938-8M0115136(15)
4.3L MPI	4.3L 262 CID V-6	2002 - 2007	LJ		864256A 2(13)	8M0063328	938-8M0115136(15)
4.3L MPI	4.3L 262 CID V-6	2007 - 2009	LJ		8M0101212	NA	938-8M0115136(15)
4.3L MPI	4.3L 262 CID V-6	2010	ADT		8M0101212	NA	938-8M0115136(15)
4.3L MPI	4.3L 262 CID V-6	2011	AD0		8M0101212	NA	938-8M0115136(15)
4.3L MPI	4.3L 262 CID V-6	2012	AZT		8M0101212	NA	938-8M0115136(15)
4.3L MPI	4.3L 262 CID V-6	2013	B27		8M0101212	NA	938-8M0115136(15)
4.3L MPI	4.3L 262 CID V-6	2014 - 2016	CG8		8M0101212	NA	938-8M0115136(15)
4.3LH (Gen+) (4 bbl.)	4.3L 262 CID V-6	1998 - 1999	LK	start of metric fasteners	864256A 1(13)	807736R50	938-827178R 1(16)
4.3LH (Gen+) (4 bbl.)	4.3L 262 CID V-6	2000 - 2001	LK	start of roller rocker arms	864256A 1(13)	8M0063328(12)	938-8M0115136(15)
4.3LX (4 bbl.)	4.3L 262 CID V-6	1988 - 1992	KR		14149A 1(1)	14149R50(1)	938-884740R(16)(17)
4.3LX (Gen II) (4 bbl.)	4.3L 262 CID V-6	1992 - 1993	KR	start of electric fuel pump	805614A 1(5)	N.L.A.(5)	938-884740R(16)(17)
4.3LX (Gen II) (4 bbl.)	4.3L 262 CID V-6	1993 - 1994	LK	start of balance shaft	806347A 1(6)	806347R50(6)	938-883296R 1(16)
4.3LX (Gen II) (4 bbl.)	4.3L 262 CID V-6	1995 - 1996	LK	start of plastic timing cover	806347A 1(6)	806347R50(6)	938-883296R 1(16)
4.3LX (Gen+) (2 bbl.)	4.3L 262 CID V-6	1996 - 1997	LJ	start of Gen +, GM 2bbl intake	864256A 1(13)	807736R50	938-827178R 1(16)
4.3LXH (Gen+) (4 bbl.)	4.3L 262 CID V-6	1996 - 1997	LK	start of Gen +, GM 4bbl intake	864256A 1(13)	807736R50	938-827178R 1(16)
198 MIE (LH)	5.0L 305 CID V-8	1977	MR		78787A 3	N.L.A.	N.L.A.
198 MIE (RH)	5.0L 305 CID V-8	1977	MS		78832A 3	N.L.A.	N.L.A.
200	5.0L 305 CID V-8	1985	MN		87968A 1 (2)	N.L.A.(2)	N.L.A.
200	5.0L 305 CID V-8	1985	MY	start of 14 in. flywheel	87968A 1 (2)	N.L.A.(2)	N.L.A.
200	5.0L 305 CID V-8	1986	PY	start of 1 pc RM seal	13412A 1	N.L.A.	N.L.A.
200	5.0L 305 CID V-8	1987	PC	start of new cylinder heads	805636A 1 (1)	805636R50(1)	N.L.A.
228	5.0L 305 CID V-8	1977 - 1980	MJ		87968A 1	N.L.A.	N.L.A.
228	5.0L 305 CID V-8	1981	PD		87968A 1	N.L.A.	N.L.A.
228	5.0L 305 CID V-8	1982 - 1984	MJ		87968A 1	N.L.A.	N.L.A.
228 MIE (LH)	5.0L 305 CID V-8	1977 - 1980	MA		87977A 1	N.L.A.	N.L.A.
228 MIE (RH)	5.0L 305 CID V-8	1977 - 1980	MB		87980A 1	N.L.A.	N.L.A.
230 MIE (LH)	5.0L 305 CID V-8	1981 - 1985	MA		87977A 1	N.L.A.	N.L.A.
230 MIE (RH)	5.0L 305 CID V-8	1981 - 1985	MB		87980A 1	N.L.A.	N.L.A.
230 MIE (LH)	5.0L 305 CID V-8	1986	PA	start of 1 pc RM seal	14153A 1	805636R50	N.L.A.
230 MIE (RH)	5.0L 305 CID V-8	1986	PB	start of 1 pc RM seal	14154A 1	N.L.A.	N.L.A.
230 MIE (LH)	5.0L 305 CID V-8	1987	PF	start of new cylinder heads	14153A 1	805636R50	N.L.A.
230 MIE (RH)	5.0L 305 CID V-8	1987	PH	start of new cylinder heads	14154A 1	N.L.A.	N.L.A.
230	5.0L 305 CID V-8	1985 - 1986	MJ		87968A 1 (2)	N.L.A.(2)	N.L.A.
230	5.0L 305 CID V-8	1986	MZ	start of 14 in. flywheel	13412A 1	N.L.A.	N.L.A.
230	5.0L 305 CID V-8	1986	PZ	start of 1 pc RM seal	13412A 1	N.L.A.	N.L.A.
230	5.0L 305 CID V-8	1987	PD	start of new cylinder heads	805636A 1(1)	805636R50(1)	N.L.A.
5.0L	5.0L 305 CID V-8	1988 - 1990	PC		805636A 1	805636R50	N.L.A.
5.0L	5.0L 305 CID V-8	1990 - 1995	ZC		805636A 1	805636R50	N.L.A.
5.0L (Gen+)	5.0L 305 CID V-8	1998 - 2001	ZA	start of Gen +, MCM 2bbl intake	8M0088396	N.L.A.	938-8M0087884(18)
5.0L (Gen+)	5.0L 305 CID V-8	2002 - 2010	ZB		8M0088396	N.L.A.	938-8M0087884(18)
5.0L (Gen+)	5.0L 305 CID V-8	2011	BX8		8M0088396	N.L.A.	938-8M0087884(18)
5.0L (Gen+)	5.0L 305 CID V-8	2014	CHJ		8M0088396	N.L.A.	938-8M0087884(18)
5.0L EFI (Gen+)	5.0L 305 CID V-8	1998 - 2001	ZA		8M0088396	N.L.A.	938-8M0087884(18)
5.0L MIE (LH)	5.0L 305 CID V-8	1998 - 1988	PF		14153A 1	805636R50	N.L.A.
5.0L MIE (RH)	5.0L 305 CID V-8	1988	PH		14154A 1	N/A	N.L.A.

Model	Cyl/CID/Litre	Year Range	GM Block Code	Notes	New Longblock	Reman Pro-Series P/N	Cylinder Head
5.0L MPI	5.0L 305 CID V-8	2002 - 2010	ZB		8M0088396	N/A	938-8M0087884(18)
5.0L MPI	5.0L 305 CID V-8	2011	BX8		8M0088396	N/A	938-8M0087884(18)
5.0L MPI	5.0L 305 CID V-8	2012 - 2014	CHJ		8M0088396	N/A	938-8M0087884(18)
5.0LX	5.0L 305 CID V-8	1988 - 1990	PD		805636A 1	805636R50	N.L.A.
5.0LX	5.0L 305 CID V-8	1990 - 1995	ZD		805636A 1	805636R50	N.L.A.
898	5.0L 305 CID V-8	1977 - 1980	MN		87965A 1	N/A	N.L.A.
898	5.0L 305 CID V-8	1981	MX		87965A 1	N/A	N.L.A.
898	5.0L 305 CID V-8	1982 - 1984	MN		87965A 1	N/A	N.L.A.
250	5.7L 350 CID V-8	1977	WT		87971A 1	N.L.A.	N.L.A.
255	5.7L 350 CID V-8	1975 - 1976	WH		87971A 1	N.L.A.	N.L.A.
255 MIE (LH)	5.7L 350 CID V-8	1975	WH		87983A 3	N.L.A.	N.L.A.
255 MIE (RH)	5.7L 350 CID V-8	1975	WJ		87986A 1	N/A	N.L.A.
255 MIE (LH)	5.7L 350 CID V-8	1976 - 1980	WN		87983A 3	N.L.A.	N.L.A.
255 MIE (RH)	5.7L 350 CID V-8	1976 - 1980	WR		87986A 1	N/A	N.L.A.
260	5.7L 350 CID V-8	1978 - 1980	WT		87971A 1(2)	N.L.A.	N.L.A.
260	5.7L 350 CID V-8	1981	WS		87971A 1(2)	N.L.A.	N.L.A.
260	5.7L 350 CID V-8	1982 - 1985	WT		87971A 1(2)	N.L.A.	N.L.A.
260	5.7L 350 CID V-8	1985	WB	start of 14 in. flywheel	87971A 1(2)	N.L.A.	N.L.A.
260	5.7L 350 CID V-8	1986	AB	start of 1 pc RM seal	13415A 1(1)	N/A	N.L.A.
260	5.7L 350 CID V-8	1987	AB	start of new cylinder heads	14152A 1(1)	883944R50(1)	938-883490R 1(16)
260 MIE (LH)	5.7L 350 CID V-8	1981 - 1985	WN		87983A 3	N.L.A.(2)	N.L.A.
260 MIE (RH)	5.7L 350 CID V-8	1981 - 1985	WR		87986A 1	N/A	N.L.A.
260 MIE (LH)	5.7L 350 CID V-8	1986	AN	start of 1 pc RM seal	14155A 1	883944R50(1)	N.L.A.
260 MIE (RH)	5.7L 350 CID V-8	1986	AR	start of 1 pc RM seal	14156A 1	N.L.A.(1)	N.L.A.
260 MIE (LH)	5.7L 350 CID V-8	1987	AN	start of new cylinder heads	14155A 1	883944R50(1)	938-883490R 1(16)
260 MIE (RH)	5.7L 350 CID V-8	1987	AR	start of new cylinder heads	14156A 1	N.L.A.(1)	938-883490R 1(16)
350 Mag Alpha	5.7L 350 CID V-8	1986	AB	start of 1 pc RM seal	13415A 1	N/A	N.L.A.
350 Mag Alpha	5.7L 350 CID V-8	1987 - 1990	AS	start of new cylinder heads	14152A 1(7)	883944R50(1)	938-883490R 1(16)
350 Mag Alpha	5.7L 350 CID V-8	1990 - 1991	MS	flat tappets	14152A 1(7)	883944R50(1)	938-883490R 1(16)
350 Mag Alpha	5.7L 350 CID V-8	1991 - 1993	CD	roller lifters	821151A 1(8)	807447R50(8)	938-883490R 1(16)
350 Mag Alpha	5.7L 350 CID V-8	1993 - 1997	MD	start of plastic timing cover	807447A 1	807447R50	938-883490R 1(16)
350 Mag Alpha EFI (Gen+)	5.7L 350 CID V-8	1996	MD	start of Gen +	860186A 2	860186R50	938-8M0115137(15)
350 Mag Alpha EFI (Gen+)	5.7L 350 CID V-8	1997	MH		8M0088397	807449R50	938-883490R 1(16)
350 Mag Bravo EFI	5.7L 350 CID V-8	1995	MD		806801A 1	807447R50	938-883490R 1(16)
350 Mag Bravo MPI (Gen+)	5.7L 350 CID V-8	1996	MD	start of Gen+	860186A 2	860186R50	938-8M0115137(15)
350 Mag Bravo MPI (Gen+)	5.7L 350 CID V-8	1997	MH		8M0088397	807449R50	938-8M0115137(15)
350 Mag EFI Ski	5.7L 350 CID V-8	1994 - 1996	MD		821151A 1	807447R50	938-883490R 1(16)
350 Mag EFI Ski (Gen+)	5.7L 350 CID V-8	1996 - 1997	MH	start of Gen+	8M0088397	807449R50	938-8M0115137(15)
350 Mag MPI (Gen+)	5.7L 350 CID V-8	1998 - 2001	MH		8M0088397	807449R50	938-8M0115137(15)
350 Mag MPI (Gen+)	5.7L 350 CID V-8	2002 - 2004	MN		8M0088397	NA	938-8M0115137(15)
350 Mag MPI (Gen+)	5.7L 350 CID V-8	2005 - 2010	MC		800-866138A03	NA	938-8M0115137(15)
350 Mag MPI (Gen+)	5.7L 350 CID V-8	2011	BX2		800-866138A03	NA	938-8M0115137(15)
350 Mag MPI (Gen+)	5.7L 350 CID V-8	2012 - 2015	CHS		800-866138A03	NA	938-8M0115137(15)
350 Mag MPI Horizon (Gen+)	5.7L 350 CID V-8	2002 - 2004	MN		8M0088397	NA	938-8M0115137(15)
350 Mag MPI Horizon (Gen+)	5.7L 350 CID V-8	2005 - 2007	MC		800-866138A03	NA	938-8M0115137(15)
350 Mag MPI Horizon MIE (Gen+)	5.7L 350 CID V-8	1999 - 2001	MK		8M0088397	807449R50	938-8M0115137(15)
350 Mag MPI Horizon MIE (Gen+)	5.7L 350 CID V-8	2002 - 2004	ML		8M0088397	NA	938-8M0115137(15)
350 Mag MPI Horizon MIE (Gen+)	5.7L 350 CID V-8	2005 - 2007	ML		800-866138A03	NA	938-8M0115137(15)
350 Mag MPI MIE (Gen+)	5.7L 350 CID V-8	1998 - 2001	MK		8M0088397	807449R50	938-8M0115137(15)
350 Mag MPI MIE (Gen+)	5.7L 350 CID V-8	2002 - 2004	ML		8M0088397	NA	938-8M0115137(15)
350 Mag MPI MIE (Gen+)	5.7L 350 CID V-8	2005 - 2007	ML		800-866138A03	NA	938-8M0115137(15)
350 Mag MPI Ski	5.7L 350 CID V-8	1995 - 1996	MH		806801A 1	807447R50	938-883490R 1(16)
350 Mag MPI Ski (Gen+)	5.7L 350 CID V-8	1998 - 2001	MH		8M0088397	807449R50	938-8M0115137(15)

LONGBLOCK CROSS REFERENCE CHARTS

Model	Cyl/CID/Litre	Year Range	GM Block Code	Notes	New Longblock	Reman Pro-Series P/N	Cylinder Head
350 Mag MPI Ski (Gen+)	5.7L 350 CID V-8	2002 - 2004	MN		8M0088397	NA	938-8M0115137(15)
350 Mag Ski	5.7L 350 CID V-8	1991 - 1993	CD	roller lifters	821151A 1	807447R50	938-883490R 1(16)
350 Mag Ski	5.7L 350 CID V-8	1993 - 1997	MD	start of plastic timing cover	807447A 1	807447R50	938-883490R 1(16)
5.7L - Alpha	5.7L 350 CID V-8	1988 - 1990	AB		14152A 1	883944R50	938-883490R 1(16)
5.7L - Alpha	5.7L 350 CID V-8	1990 - 1995	MB		14152A 1	883944R50	938-883490R 1(16)
5.7L - Alpha	5.7L 350 CID V-8	1996 - 1997	MJ	flat tappets	14152A 1	883944R50	938-883490R 1(16)
5.7L - Alpha	5.7L 350 CID V-8	1997	MJ	start of roller lifters	860183A 1	807447R50(8)	938-883490R 1(16)
5.7L - Bravo	5.7L 350 CID V-8	1989 - 1990	AS		14152A 1(7)	883944R50(7)	938-883490R 1(16)
5.7L - Bravo	5.7L 350 CID V-8	1990 - 1991	MS		14152A 1(7)	883944R50(7)	938-883490R 1(16)
5.7L - Bravo	5.7L 350 CID V-8	1991 - 1993	CD	start of roller lifter	821151A 1(8)	807447R50(8)	938-883490R 1(16)
5.7L - Bravo	5.7L 350 CID V-8	1993 - 1995	MD		821151A 1(8)	807447R50(8)	938-883490R 1(16)
5.7L - Bravo	5.7L 350 CID V-8	1996 - 1997	MJ	flat tappets	807315A 1(7)	883944R50(7)	938-883490R 1(16)
5.7L - Bravo	5.7L 350 CID V-8	1997	MJ	roller lifers	860183A 1	807447R50(8)	938-883490R 1(16)
5.7L (Gen+)	5.7L 350 CID V-8	1998 - 2002	MH		8M0088397	807449R50	938-8M0115137(15)
5.7L (Gen+)	5.7L 350 CID V-8	2002 - 2010	MN		8M0088397	807449R50	938-8M0115137(15)
5.7L (Gen+)	5.7L 350 CID V-8	2011	BX6		8M0088397	807449R50	938-8M0115137(15)
5.7L (Gen+)	5.7L 350 CID V-8	2012	CHR		8M0088397	807449R50	938-8M0115137(15)
5.7L EFI (TBI)	5.7L 350 CID V-8	1995	MB		821151A 1(8)	807447R50(8)	938-883490R 1(16)
5.7L EFI (TBI)	5.7L 350 CID V-8	1996	MJ	flat tappets	807315A 1(7)	883944R50(7)	938-883490R 1(16)
5.7L EFI (Gen+)	5.7L 350 CID V-8	1998 - 2001	MH		8M0088397	807449R50	938-8M0115137(15)
5.7L EFI MIE (Gen+)	5.7L 350 CID V-8	1997	MK		8M0088397	807449R50	938-8M0115137(15)
5.7L MIE (LH)	5.7L 350 CID V-8	1988 - 1990	AN		14155A 1	883944R50	938-883490R 1(16)
5.7L MIE (RH)	5.7L 350 CID V-8	1988 - 1990	AR		14156A 1	N.L.A.	938-883490R 1(16)
5.7L MIE (LH)	5.7L 350 CID V-8	1991 - 1995	MN		14155A 1(7)	883944R50(7)	938-883490R 1(16)
5.7L MIE (RH)	5.7L 350 CID V-8	1991 - 1995	MR		14156A 1	N.L.A.	938-883490R 1(16)
5.7L MIE (LH)	5.7L 350 CID V-8	1996 - 1997	MM	start of roller lifters	807448A 1(8)	807447R50(8)	938-883490R 1(16)
5.7L MIE (Gen+)	5.7L 350 CID V-8	1998 - 2002	MK		8M0088397	807449R50	938-8M0115137(15)
5.7L MIE (Gen+)	5.7L 350 CID V-8	2003 - 2010	ML		8M0088397	807449R50	938-8M0115137(15)
5.7L MIE (Gen+)	5.7L 350 CID V-8	2011	BX5		8M0088397	807449R50	938-8M0115137(15)
5.7L MIE (Gen+)	5.7L 350 CID V-8	2012 - 2015	CHP		8M0088397	807449R50	938-8M0115137(15)
5.7L MPI Horizon MIE	5.7L 350 CID V-8	2008 - 2010	ML		800-866138A03	NA	938-8M0115137(15)
5.7L MPI Horizon MIE	5.7L 350 CID V-8	2011	BX5X		800-866138A03	NA	938-8M0115137(15)
5.7L MPI Horizon MIE	5.7L 350 CID V-8	2012 - 2015	CHPX		800-866138A03	NA	938-8M0115137(15)
5.7L MPI MIE	5.7L 350 CID V-8	2008 - 2010	ML		800-866138A03	NA	938-8M0115137(15)
5.7L MPI MIE	5.7L 350 CID V-8	2011	BX5X		800-866138A03	NA	938-8M0115137(15)
5.7L MPI MIE	5.7L 350 CID V-8	2012 - 2015	CHPX		800-866138A03	NA	938-8M0115137(15)
5.7L MPI Ski	5.7L 350 CID V-8	2008 - 2010	MC		800-866138A03	NA	938-8M0115137(15)
5.7L MPI Ski	5.7L 350 CID V-8	2011	BX2		800-866138A03	NA	938-8M0115137(15)
5.7L MPI Ski	5.7L 350 CID V-8	2012 - 2015	CHS		800-866138A03	NA	938-8M0115137(15)
5.7L Ski (LH)	5.7L 350 CID V-8	1985	WB		13415A 1(11)	N/A	N.L.A.
5.7L Ski (RH)	5.7L 350 CID V-8	1985	WR		87986A 1(11)	N/A	N.L.A.
5.7L Ski (LH)	5.7L 350 CID V-8	1986 - 1990	AB	start of 1 pc RM seal	14152A 1	883944R50	938-883490R 1(16)
5.7L Ski (RH)	5.7L 350 CID V-8	1986 - 1990	AR	start of 1 pc RM seal	14156A 1	N.L.A.	938-883490R 1(16)
5.7L Ski (LH)	5.7L 350 CID V-8	1990 - 1995	MB		14152A 1	883944R50	938-883490R 1(16)
5.7L Ski (RH)	5.7L 350 CID V-8	1990 - 1993	MR		14156A 1	N.L.A.	938-883490R 1(16)
5.7L Ski (RH)	5.7L 350 CID V-8	1993 - 1995	NR		14156A 1	N.L.A.	938-883490R 1(16)
5.7L Ski	5.7L 350 CID V-8	1996 - 1997	MJ	flat tappets	807315A 1(7)	883944R50(7)	938-883490R 1(16)
5.7L Ski (2 bbl)	5.7L 350 CID V-8	1998 - 2002	MH		8M0088397	807449R50	938-8M0115137(15)
5.7L Ski (2 bbl)	5.7L 350 CID V-8	2002 - 2010	MN		8M0088397	807449R50	938-8M0115137(15)
5.7L Ski (2 bbl)	5.7L 350 CID V-8	2011	BX6		8M0088397	807449R50	938-8M0115137(15)
5.7L Ski (2 bbl)	5.7L 350 CID V-8	2012	CHR		8M0088397	807449R50	938-8M0115137(15)
5.7L Ski (4 bbl)	5.7L 350 CID V-8	2007 - 2010	MC		800-866138A03	NA	938-8M0115137(15)
5.7L Ski (4 bbl)	5.7L 350 CID V-8	2011	BX2		800-866138A03	NA	938-8M0115137(15)
5.7L Ski (4 bbl)	5.7L 350 CID V-8	2012 - 2015	CHS		800-866138A03	NA	938-8M0115137(15)

Model	Cyl/CID/Litre	Year Range	GM Block Code	Notes	New Longblock	Reman Pro-Series P/N	Cylinder Head
5.7LX	5.7L 350 CID V-8	1996 - 1997	MD		807447A 1	807447R50	938-883490R 1(16)
5.7LX Bravo EFI (Gen+)	5.7L 350 CID V-8	1996	MH		860186A 2	860186R50	938-8M0115137(15)
5.7LX Bravo EFI (Gen+)	5.7L 350 CID V-8	1997	MH		8M0088397	807449R50	938-8M0115137(15)
5.7LX EFI (TBI)	5.7L 350 CID V-8	1996 - 1997	MD		807447A 1	807447R50	938-883490R 1(16)
Black Scorpion Ski	5.7L 350 CID V-8	1996 - 2001	MH		8M0088397	807449R50	938-8M0115137(15)
Black Scorpion Ski	5.7L 350 CID V-8	2002 - 2007	MN		8M0088397	NA	938-8M0115137(15)
Scorpion 350	5.7L 350 CID V-8	2008 - 2010	MC		8M0088397	NA	938-8M0115137(15)
Scorpion 350	5.7L 350 CID V-8	2011	BX2		8M0088397	NA	938-8M0115137(15)
Scorpion 350	5.7L 350 CID V-8	2012 - 2015	CHS		8M0088397	NA	938-8M0115137(15)
Scorpion 350 EC	5.7L 350 CID V-8	2008 - 2011	BX6S		800-866138A05	N/A	938-8M0115137(15)
Scorpion 350 EC	5.7L 350 CID V-8	2012 - 2015	CHRS		800-866138A05	N/A	938-8M0115137(15)
377 Mag	6.2L 377 CID V-8	2008 - 2009	MNB		865108A02	8M0095941	938-8M0115137(15)
377 Mag	6.2L 377 CID V-8	2009 - 2010	MNC		879288A06	N/A	900-8M0061735(18)
377 Mag	6.2L 377 CID V-8	2011	BX6C		879288A06	N/A	900-8M0061735(18)
377 Mag	6.2L 377 CID V-8	2012 - 2015	CHRC		879288A06	N/A	900-8M0061735(18)
MX 6.2L MPI	6.2L 377 CID V-8	2000 - 2001	MNA		865108A01	N.L.A.	938-8M0115137(15)
MX 6.2L MPI	6.2L 377 CID V-8	2002 - 2007	MNB		865108A02	8M0095941	938-8M0115137(15)
MX 6.2L MPI Horizon	6.2L 377 CID V-8	2002 - 2007	MNB		865108A02	8M0095941	938-8M0115137(15)
MX 6.2L MPI Horizon MIE	6.2L 377 CID V-8	2002 - 2009	MLB		865108A02	8M0095941	938-8M0115137(15)
MX 6.2L MPI Horizon MIE	6.2L 377 CID V-8	2009 - 2010	MLC		879288A06	N/A	900-8M0061735(18)
MX 6.2L MPI Horizon MIE	6.2L 377 CID V-8	2011	BX5C		879288A06	N/A	900-8M0061735(18)
MX 6.2L MPI Horizon MIE	6.2L 377 CID V-8	2012 - 2015	CHPC		879288A06	N/A	900-8M0061735(18)
MX 6.2L MPI MIE	6.2L 377 CID V-8	1999 - 2001	MLA		865108A01	N.L.A.	938-8M0115137(15)
MX 6.2L MPI MIE	6.2L 377 CID V-8	2002 - 2009	MLB		865108A02	8M0095941	938-8M0115137(15)
MX 6.2L MPI MIE	6.2L 377 CID V-8	2009 - 2010	MLC		879288A06	N/A	900-8M0061735(18)
MX 6.2L MPI MIE	6.2L 377 CID V-8	2011	BX5C		879288A06	N/A	900-8M0061735(18)
MX 6.2L MPI MIE	6.2L 377 CID V-8	2012 - 2015	CHPC		879288A06	N/A	900-8M0061735(18)
MX 6.2L MPI Ski	6.2L 377 CID V-8	2002 - 2009	MNB		865108A02	8M0095941	938-8M0115137(15)
MX 6.2L MPI Ski	6.2L 377 CID V-8	2009 - 2010	MNC		879288A06	N/A	900-8M0061735(18)
MX 6.2L MPI Ski	6.2L 377 CID V-8	2011	BX6C		879288A06	N/A	900-8M0061735(18)
MX 6.2L MPI Ski	6.2L 377 CID V-8	2012 - 2015	CHRC		879288A06	N/A	900-8M0061735(18)
MX 6.2L Black Scorpion Ski	6.2L 377 CID V-8	2001	MNA		865108A01	N.L.A.	938-8M0115137(15)
MX 6.2L Black Scorpion Ski	6.2L 377 CID V-8	2001 - 2007	MNB		865108A02	8M0095941	938-8M0115137(15)
Scorpion 377	6.2L 377 CID V-8	2008 - 2009	MNB		865108A02	8M0095941	938-8M0115137(15)
Scorpion 377	6.2L 377 CID V-8	2009 - 2010	MNB		879288A06	N/A	900-8M0061735(18)
Scorpion 377	6.2L 377 CID V-8	2011	BX6C		879288A06	N/A	900-8M0061735(18)
Scorpion 377	6.2L 377 CID V-8	2012 - 2015	CHRC		879288A06	N/A	900-8M0061735(18)
Scorpion 377 HO EC	6.2L 377 CID V-8	2009 - 2010	MNC		800-866138A06	N/A	900-879288A53(15)
Scorpion 377 HO EC	6.2L 377 CID V-8	2011	BX6H		800-866138A06	N/A	900-879288A53(15)
Scorpion 377 HO EC	6.2L 377 CID V-8	2012 - 2015	CHRH		800-866138A06	N/A	900-879288A53(15)
330	7.4L 454 CID V-8	1977 - 1981	XS		18706A 1	N.L.A.	N.L.A.
330	7.4L 454 CID V-8	1982 - 1987	XY		87989A 1	N.L.A.	N.L.A.
330 MIE (LH)	7.4L 454 CID V-8	1977 - 1979	XN		87989A 1	N.L.A.	N.L.A.
330 MIE (RH)	7.4L 454 CID V-8	1977 - 1979	XR		87992A 1	N.L.A.	N.L.A.
330 MIE (LH)	7.4L 454 CID V-8	1980	XY		87989A 1	N.L.A.	N.L.A.
330 MIE (RH)	7.4L 454 CID V-8	1980	XZ		87992A 1	N.L.A.	N.L.A.
340 MIE (LH)	7.4L 454 CID V-8	1981 - 1984	XY		87989A 1	N.L.A.	N.L.A.
340 MIE (RH)	7.4L 454 CID V-8	1981 - 1984	XZ		87992A 1	N.L.A.	N.L.A.
340 MIE (LH)	7.4L 454 CID V-8	1985	XYY		87989A 1	N.L.A.	N.L.A.
340 MIE (RH)	7.4L 454 CID V-8	1985	XZZ		87992A 1	N.L.A.	N.L.A.
340 MIE (LH)	7.4L 454 CID V-8	1985 - 1987	XY		87989A 1	N.L.A.	N.L.A.
340 MIE (RH)	7.4L 454 CID V-8	1985 - 1987	XZ		87992A 1	N.L.A.	N.L.A.

LONGBLOCK CROSS REFERENCE CHARTS

Model	Cyl/CID/Litre	Year Range	GM Block Code	Notes	New Longblock	Reman Pro-Series P/N	Cylinder Head
454 Mag Alpha	7.4L 454 CID V-8	1986 - 1988	XS		18706A 1	N.L.A.	N.L.A.
454 Mag Bravo	7.4L 454 CID V-8	1988 - 1992	XA		44575A 1	N.L.A.	N.L.A.
454 Mag Bravo (Gen V)	7.4L 454 CID V-8	1992 - 1994	XA		806352A 1	N.L.A.	938-8M0115141(15)
454 Mag Bravo (Gen V)	7.4L 454 CID V-8	1995	XAA		806352A 1	N.L.A.	938-8M0115141(15)
454 Mag Bravo (Gen V)	7.4L 454 CID V-8	1996	XA		806352A 1	N.L.A.	938-8M0115141(15)
454 Mag Bravo (Gen VI)	7.4L 454 CID V-8	1996 - 1997	XA	start of roller lifters	807744A3	N.L.A.	938-8M0115141(15)
454 Mag EFI (Gen V)	7.4L 454 CID V-8	1994 - 1996	UA		806352A 1	N.L.A.	938-8M0115141(15)
454 Mag EFI Ski (Gen V)	7.4L 454 CID V-8	1995 - 1996	UA		806352A 1	N.L.A.	938-8M0115141(15)
454 Mag MPI (Gen VI)	7.4L 454 CID V-8	1996 - 2001	UA	start of roller lifters	807744A3	N.L.A.	938-8M0115141(15)
454 Mag MPI Horizon MIE	7.4L 454 CID V-8	1998 - 2001	UA		807744A3	N.L.A.	938-8M0115141(15)
454 Mag Ski (MPI) (GenVI)	7.4L 454 CID V-8	1996 - 1997	UA	start of roller lifters	807744A3	N.L.A.	938-8M0115141(15)
7.4L Bravo	7.4L 454 CID V-8	1988 - 1991	XW		18706A 1	N.L.A.	N.L.A.
7.4L Bravo I & II (Gen V)	7.4L 454 CID V-8	1992 - 1996	XW		806351A 1	806351R50	938-883492R 1(16)
7.4L Bravo III (Gen V)	7.4L 454 CID V-8	1993	UW	cast piston, GM Hi-rise intake	806359A 1	806351R50	938-883492R 1(16)
7.4L Bravo III (Gen V)	7.4L 454 CID V-8	1993 - 1994	UB	forged piston	806359A 1	806351R50	938-883492R 1(16)
7.4L Bravo III (Gen V)	7.4L 454 CID V-8	1994 - 1996	XX	new design cast pistons	806359A 1	806351R50	938-883492R 1(16)
7.4L Bravo (Gen VI)	7.4L 454 CID V-8	1996 - 1997	XW	start of roller lifters	807739A 1	N.L.A.	938-883492R 1(16)
7.4L EFI MIE (Gen VI) (LH)	7.4L 454 CID V-8	1996 - 1997	UK	start of roller lifters	807739A 1	N.L.A.	938-883492R 1(16)
7.4L MIE (LH)	7.4L 454 CID V-8	1988 - 1992	XY		87989A 1	N.L.A.	N.L.A.
7.4L MIE (RH)	7.4L 454 CID V-8	1988 - 1992	XZ		87992A 1	N.L.A.	N.L.A.
7.4L MIE (Gen V)	7.4L 454 CID V-8	1992 - 1996	XY		806351A 1	806351R50	938-883492R 1(16)
7.4L MIE (Gen VI)	7.4L 454 CID V-8	1996 - 1997	XZ		807739A 1	N.L.A.	938-883492R 1(16)
7.4L MPI (Gen VI)	7.4L 454 CID V-8	1998 - 2001	XW	L29 block	861097A 2	883281R50	938-884742R(16)
7.4L MPI MIE (Gen V)	7.4L 454 CID V-8	1995 - 1996	UD		806351A 1	806351R50	938-883492R 1(16)
7.4L MIE MPI (Gen VI)	7.4L 454 CID V-8	1996 - 1997	UD	start of roller lifters	807739A 1	N.L.A.	938-883492R 1(16)
7.4L MIE MPI (Gen VI)	7.4L 454 CID V-8	1998 - 2001	XY	L29 block	861097A 2	883281R50	938-884742R(16)
7.4LX Bravo EFI (Gen VI)	7.4L 454 CID V-8	1996 - 1997	UJ	start of roller lifters	807739A 1	N.L.A.	938-883492R 1(16)
7.4LX Bravo MPI (Gen V)	7.4L 454 CID V-8	1996	UC		807161A 1	806351R50	938-883492R 1(16)
7.4LX Bravo MPI (Gen V)	7.4L 454 CID V-8	1996 - 1997	UC	start of roller lifters	807739A 1	N.L.A.	938-883492R 1(16)
496 Mag	8.1L 496 CID V-8	2001 - 2003	XW		865752A01	8M0086000	900-8M0091709(16)
496 Mag	8.1L 496 CID V-8	2004	WW		865752A01	8M0086000	900-8M0091709(16)
496 Mag	8.1L 496 CID V-8	2004	ZW	start of floating piston	865752A01	8M0086000	900-8M0091709(16)
496 Mag	8.1L 496 CID V-8	2005 - 2009	XW		865752A01	8M0086000	900-8M0091709(16)
496 Mag	8.1L 496 CID V-8	2010	A6D		865752A01	8M0086000	900-8M0091709(16)
496 Mag HO	8.1L 496 CID V-8	2001 - 2003	XA	steel crank	N.L.A.	8M0086001	900-8M0091709(16)
496 Mag HO	8.1L 496 CID V-8	2004	WA	cast crank	N.L.A.	8M0086001	900-8M0091709(16)
496 Mag HO	8.1L 496 CID V-8	2004	ZA	start of floating piston	N.L.A.	8M0086001	900-8M0091709(16)
496 Mag HO	8.1L 496 CID V-8	2005 - 2009	XA		N.L.A.	8M0086001	900-8M0091709(16)
496 Mag HO	8.1L 496 CID V-8	2010	A6B		N.L.A.	8M0086001	900-8M0091709(16)
8.1S MIE	8.1L 496 CID V-8	2001 - 2003	XY		865752A01	8M0086000	900-8M0091709(16)
8.1S MIE	8.1L 496 CID V-8	2004	WY		865752A01	8M0086000	900-8M0091709(16)
8.1S MIE	8.1L 496 CID V-8	2004	ZY	start of floating piston	865752A01	8M0086000	900-8M0091709(16)
8.1S MIE	8.1L 496 CID V-8	2005 - 2009	XY		865752A01	8M0086000	900-8M0091709(16)
8.1S MIE	8.1L 496 CID V-8	2010	A6F		865752A01	8M0086000	900-8M0091709(16)
8.1S HO MIE	8.1L 496 CID V-8	2001 - 2003	XF	steel crank	N.L.A.	8M0086001	900-8M0091709(16)
8.1S HO MIE	8.1L 496 CID V-8	2004	WF	cast crank	N.L.A.	8M0086001	900-8M0091709(16)
8.1S HO MIE	8.1L 496 CID V-8	2004	ZF	start of floating piston	N.L.A.	8M0086001	900-8M0091709(16)
8.1S HO MIE	8.1L 496 CID V-8	2005 - 2009	XF		N.L.A.	8M0086001	900-8M0091709(16)
8.1S HO MIE	8.1L 496 CID V-8	2010	A6C		N.L.A.	8M0086001	900-8M0091709(16)
500	8.2L 502 CID V-8	1992 - 1997	HJ		848170A 8	N.L.A.	938-8M0115143(15)
500 EFI	8.2L 502 CID V-8	1999 - 2001	HJ		844500A 8	N.L.A.	938-8M0115143(15)
500 EFI	8.2L 502 CID V-8	2002 - 2009	'-	assembled completely by Racing	844500A 8	N.L.A.	938-8M0115143(15)

Model	Cyl/CID/Litre	Year Range	GM Block Code	Notes	New Longblock	Reman Pro-Series P/N	Cylinder Head
502 Mag Bravo	8.2L 502 CID V-8	1990 - 1992	FJ		816287A 1	N.L.A.	N.L.A.
502 Mag Bravo (Gen V)	8.2L 502 CID V-8	1992 - 1993	FJ		807745A05	8M0062846	938-8M0115141(15)
502 Mag EFI (Gen V)	8.2L 502 CID V-8	1993 - 1995	HJ		807745A05	8M0062846	938-8M0115141(15)
502 Mag MPI (Gen VI)	8.2L 502 CID V-8	1996 - 2001	HJ	start of roller lifters	807745A05	8M0062846	938-8M0115141(15)
525 EFI	8.2L 502 CID V-8	2003 - 2005	'-	assembled completely by Racing	841178A 1	N.L.A.	N/A
525 EFI	8.2L 502 CID V-8	2006 - 2018	'-	assembled completely by Racing	841178A05	N.L.A.	N/A
575 SCi	8.2L 502 CID V-8	2001	HJ		844575A7	N.L.A.	N/A
575 SCi	8.2L 502 CID V-8	2002 - 2005	'-	assembled completely by Racing	844575A7	N.L.A.	N/A
600 SCi	8.2L 502 CID V-8	2005 - 2018	'-		844200A08	N.L.A.	N/A
8.2L Mag EC	8.2L 502 CID V-8	2010 - 2018	'-	assembled completely by Mecury	8M0074038	N/A	900-8M0046344(15)
8.2L MIE EC	8.2L 502 CID V-8	2010 - 2018	'-	assembled completely by Mercury	8M0074038	N/A	900-8M0046344(15)
8.2L MIE	8.2L 502 CID V-8	1990 - 1992	FH		815875A 1	N/A	N.L.A.
8.2L MIE (Gen V)	8.2L 502 CID V-8	1993 - 1996	FH		807745A05	8M0062846	938-8M0115141(15)
8.2L MIE (Gen V)	8.2L 502 CID V-8	1996	HH		807745A05	N.L.A.	938-8M0115141(15)
8.2L MIE MPI (Gen VI) (LH)	8.2L 502 CID V-8	1996 - 2001	HH	start of roller lifters	807745A05	N.L.A.	938-8M0115141(15)

(1) 1 pc. Rear main seal

(2) 2 pc. Rear main seal

(5) Gen II w/o balance shaft

(6) Gen II w/balance shaft

(7) Flat Tappet & camshaft

(8) Roller Lifter & camshaft

(11) See MCM S.B. 86-22

(12) w/o crank position sensor

(13) See MerCruiser Service Bulletin 2007-11

(14) Order 805052R5

(15) Brand new fully assembled cylinder heads

(16) Reman fully assembled cylinder heads

(17) Will require replacing the original rocker arms with Rocer Arm & Ball kit p/n 824335T

(18) Brand new bare cylinder heads

Longblock Cross Reference

All longblocks include:
Engine block, crankshaft, connecting rods, pistons, rings, engine bearings, oil pump, marine gaskets, marine camshaft, lifters, timing components, brass core plugs, complete head assemblies, timing cover, oil pan, valve covers, marine water pump and a one year Quicksilver limited warranty.
New longblocks also include flywheels and harmonic balancers. New longblocks may include intake manifolds. See reference chart below.
Remanufactured longblocks DO NOT include intake manifolds, flywheels, harmonic balancers or gasket sets required for assembly.

Model	Cyl/CID/Litre	Year Range	Serial # Range	New Part Number	New P/N Status	Reman Pro-Series P/N
110	2.5L 153 CID I/L 4	1963 - 1966	1537370 - 2044033	87956A 1	N.L.A.	N.L.A.
120	2.5L 153 CID I/L 4	1964 - 1986	1666601 - 0B531853	87956A 1	N.L.A.	N.L.A.
2.5L	2.5L 153 CID I/L 4	1987 - 1989	0B531854 - 0C853255	87956A 1	N.L.A.	N.L.A.
140	3.0L 181 CID I/L 4	1968 - 1986	2508261 - 0B450800	87959A 1(2)	N.L.A.	N.L.A.(2)
3.0L	3.0L 181 CID I/L 4	1989	0B450801 - 0C856558	87959A 1(2)	N.L.A.	N.L.A.(2)
3.0L	3.0L 181 CID I/L 4	1990 - 1994	0C856451 - 0F603999	805047A 1	N.L.A.	N.L.A.(14)
3.0L	3.0L 181 CID I/L 4	1998 - 2018	0L010042 and up	864626A01	Active	N/A
3.0L MPI	3.0L 181 CID I/L 4	2008 - 2018	1A072812 and up	864626A02	Active	N.L.A.
3.0LX	3.0L 181 CID I/L 4	1990 - 1995	0C856559 - 0F603999	864626A01	Active	8M0062850
3.0LX	3.0L 181 CID I/L 4	1996 - 1997	0F604000 - 0K999999	864626A01	Active	N/A
165	3.7L 224 CID I/L 4	1987	0B434941 - 0B774251	72775A16	N.L.A.	N.L.A.
170	3.7L 224 CID I/L 4	1985 - 1986	6916779 - 0B434940	72775A16	N.L.A.	N.L.A.
180	3.7L 224 CID I/L 4	1987 - 1986	0B436391 - 0B775248	72775A16	N.L.A.	N.L.A.
190	3.7L 224 CID I/L 4	1985 - 1986	6916779 - 0B436390	72775A16	N.L.A.	N.L.A.
3.7L	3.7L 224 CID I/L 4	1988 - 1989	0B774252 - 0C762299	72775A16	N.L.A.	N.L.A.

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Model	Cyl/CID/Litre	Year Range	Serial # Range	New Part Number	New P/N Status	Reman Pro-Series P/N
3.7LX	3.7L 224 CID I/L 4	1988 - 1989	0B775249 - 0C762299	72775A16	N.L.A.	N.L.A.
470	3.7L 224 CID I/L 4	1976 - 1984	4208730 - 6916778	72775A16	N.L.A.	N.L.A.
485	3.7L 224 CID I/L 4	1980 - 1982	5685394 - 6218036	72775A16	N.L.A.	N.L.A.
488	3.7L 224 CID I/L 4	1983 - 1984	6170297 - 6916778	72775A16	N.L.A.	N.L.A.
185 (4 bbl.)	3.8L 229 CID V-6	1983 - 1984	6330183 - 6919655	9848	N.L.A.	N.L.A.
175	4.3L 262 CID V-6	1987	0B527955 - 0B773242	14149A 1	N.L.A.	14149R50(1)
185 (2 bbl.)	4.3L 262 CID V-6	1985 - 1986	0A331455 - 0B527954	12178A 1	N.L.A.	14149R50(1)
205	4.3L 262 CID V-6	1985 - 1986	0A331455 - 0B527954	12179A 1	N.L.A.	14149R50(1)
205	4.3L 262 CID V-6	1987	0B527955 - 0B775129	14149A 1	N.L.A.	14149R50(1)
262 Mag EFI (Gen+)	4.3L 262 CID V-6	1996 - 1997	0F803800 - 0K99999	864256A 1(13)	N.L.A.	807736R50
4.3L (2bbl.)	4.3L 262 CID V-6	1988 - 1992	0B773243 - 0D714106	14149A 1	N.L.A.	14149R50
4.3L (Gen II) (2 bbl.)	4.3L 262 CID V-6	1992 - 1993	0D714107 - 0F000877	805613A 1	N.L.A.	N.L.A.(5)
4.3L (Gen II) (2 bbl.)	4.3L 262 CID V-6	1993 - 1996	0F000878 - 0F802999	806346A 1	N.L.A.	806347R50(6)
4.3L (Gen +) (2 bbl.)	4.3L 262 CID V-6	1998 - 1999	0L010044 - 0L603999	864256A 1(13)	N.L.A.	807736R50
4.3L (Gen +) (2 bbl.)	4.3L 262 CID V-6	2000 - 2001	0L604000 - 0M324697	864256A 1(13)	N.L.A.	8M0063328
4.3L (Gen +) (2 bbl.)	4.3L 262 CID V-6	2002 - 2007	0M324698 - 1A063239	8M0101211(13)	Active	8M0063328
4.3L (Gen +) (2 bbl.)	4.3L 262 CID V-6	2007 - 2018	1A063240 and up	8M0101211	Active	N/A
4.3L EFI (Gen+) (4 bbl.)	4.3L 262 CID V-6	1998 - 1999	0L012009 - 0L603999	864256A 1(13)	N.L.A.	807736R50
4.3L EFI (Gen+) (4 bbl.)	4.3L 262 CID V-6	2000 - 2001	0L604000 - 0M299999	864256A 1(13)	N.L.A.	8M0063328
4.3L MPI	4.3L 262 CID V-6	2002	0M300000 - 0M324697	864256A 2(13)	N.L.A.	8M0063328
4.3L MPI	4.3L 262 CID V-6	2002 - 2007	0M324698 - 1A063239	8M0101212(13)	Active	8M0063328
4.3L MPI	4.3L 262 CID V-6	2007 - 2018	1A063240 and up	8M0101212	Active	N/A
4.3LH (Gen+) (4 bbl.)	4.3L 262 CID V-6	1998 - 1999	0L010044 - 0L603999	864256A 1(13)	N.L.A.	807736R50
4.3LH (Gen+) (4 bbl.)	4.3L 262 CID V-6	2000 - 2002	0L604000 - 0M614999	864256A 1(13)	N.L.A.	8M0063328
4.3LX (4 bbl.)	4.3L 262 CID V-6	1988 - 1992	0B775130 - 0D714106	14149A 1(1)	N.L.A.	14149R50(1)
4.3LX (Gen II) (4 bbl.)	4.3L 262 CID V-6	1992 - 1993	0D714370 - 0F001219	805614A 1(5)	N.L.A.	N.L.A.(5)
4.3LX (Gen II) (4 bbl.)	4.3L 262 CID V-6	1993 - 1996	0F001220 - 0F802999	806347A 1(6)	N.L.A.	806347R50(6)
4.3LX (Gen+) (2 bbl.)	4.3L 262 CID V-6	1996 - 1997	0F803000 - 0K999999	864256A 1(13)	N.L.A.	807736R50
4.3LXH (Gen+) (4 bbl.)	4.3L 262 CID V-6	1996 - 1997	0F803114 - 0K999999	864256A 1(13)	N.L.A.	807736R50
198 MIE (LH)	5.0L 305 CID V-8	1977	4776402 - 4931099	78787A 3	N.L.A.	N.L.A.
198 MIE (RH)	5.0L 305 CID V-8	1977	4776402 - 4931099	78832A 3	N.L.A.	N.L.A.
200	5.0L 305 CID V-8	1985	6899058 - 0A482026	87968A 1 (2)	N.L.A.	N.L.A.(2)
200	5.0L 305 CID V-8	1986	0A482027 - 0B525981	13412A 1	N.L.A.	N.L.A.
200	5.0L 305 CID V-8	1987	0B525982 - 0B774444	805636A 1 (1)	N.L.A.	805636R50(1)
228	5.0L 305 CID V-8	1977 - 1984	4765100 - 6899268	87968A 1	N.L.A.	N.L.A.
228 MIE (LH)	5.0L 305 CID V-8	1977 - 1980	4765100 - 5907057	87977A 1	N.L.A.	N.L.A.
228 MIE (RH)	5.0L 305 CID V-8	1977 - 1980	4765100 - 5907057	87980A 1	N.L.A.	N.L.A.
230 MIE (LH)	5.0L 305 CID V-8	1981 - 1987	5907058 - 0B522505	87977A 1	N.L.A.	N.L.A.
230 MIE (RH)	5.0L 305 CID V-8	1981 - 1987	5907058 - 0B522505	87980A 1	N.L.A.	N.L.A.
230 MIE (LH)	5.0L 305 CID V-8	1987	0B522506 - 0B788151	14153A 1	N.L.A.	805636R50
230 MIE (RH)	5.0L 305 CID V-8	1987	0B522506 - 0B788151	14154A 1	N.L.A.	N.L.A.
230	5.0L 305 CID V-8	1985 - 1986	6899268 - 0A482026	87968A 1 (2)	N.L.A.	N.L.A.(2)
230	5.0L 305 CID V-8	1986	0A482027 - 0B525981	13412A 1	N.L.A.	N.L.A.
230	5.0L 305 CID V-8	1987	0B525982 - 0B773739	805636A 1(1)	N.L.A.	805636R50(1)
5.0L	5.0L 305 CID V-8	1988 - 1995	0B774445 - 0F600999	805636A 1	N.L.A.	805636R50
5.0L (Gen+)	5.0L 305 CID V-8	1998 - 2018	0L015751 and up	8M0088396	Active	N.L.A.
5.0L EFI (Gen+)	5.0L 305 CID V-8	1998 - 2001	0L012052 - 0M299999	8M0088396	Active	N.L.A.
5.0L MIE (LH)	5.0L 305 CID V-8	1998	0B788152 - 0C396832	14153A 1	N.L.A.	805636R50
5.0L MIE (RH)	5.0L 305 CID V-8	1988	0B788152 - 0C396832	14154A 1	N.L.A.	N/A
5.0L MPI	5.0L 305 CID V-8	2002 - 2018	0M300000 and up	8M0088396	Active	N/A
5.0LX	5.0L 305 CID V-8	1988 - 1995	0B773740 - 0F600999	805636A 1	N.L.A.	805636R50
898	5.0L 305 CID V-8	1977 - 1984	4762210 - 6899057	87965A 1	N.L.A.	N/A

Model	Cyl/CID/Litre	Year Range	Serial # Range	New Part Number	New P/N Status	Reman Pro-Series P/N
250	5.7L 350 CID V-8	1977	4768000 - 4908849	87971A 1	N.L.A.	N.L.A.
255	5.7L 350 CID V-8	1975 - 1976	4175500 - 4767999	87971A 1	N.L.A.	N.L.A.
255 MIE (LH)	5.7L 350 CID V-8	1975 - 1980	4175500 - 5907057	87983A 3	N.L.A.	N.L.A.
255 MIE (RH)	5.7L 350 CID V-8	1975 - 1980	4175000 - 5907057	87986A 1	N.L.A.	N/A
260	5.7L 350 CID V-8	1978 - 1986	4908850 - 0A474502	87971A 1(2)	N.L.A.	N.L.A.(2)
260	5.7L 350 CID V-8	1986	0A474503 - 0B525981	13415A 1	N.L.A.	N/A
260	5.7L 350 CID V-8	1987	0B525982 - 0B773304	14152A 1(1)	N.L.A.	883944R50(1)
260 MIE (LH)	5.7L 350 CID V-8	1981 - 1987	5907058 - 0B522505	87983A 3	N.L.A.	N.L.A.(2)
260 MIE (RH)	5.7L 350 CID V-8	1981 - 1987	5097058 - 0B522505	87986A 1	N.L.A.	N/A
260 MIE (LH)	5.7L 350 CID V-8	1987	0B522506 - 0B788151	14155A 1	N.L.A.	883944R50(1)
260 MIE (RH)	5.7L 350 CID V-8	1987	0B522506 - 0B788151	14156A 1	N.L.A.	N.L.A.(1)
350 Mag Alpha	5.7L 350 CID V-8	1986 - 1987	0A635178 - 0B525981	13415A 1	N.L.A.	N/A
350 Mag Alpha	5.7L 350 CID V-8	1987 - 1992	0B525982 - 0D617327	14152A 1(7)	N.L.A.	883944R50(1)
350 Mag Alpha	5.7L 350 CID V-8	1992 - 1995	0D617328 - 0F600999	821151A 1(8)	N.L.A.	807447R50(8)
350 Mag Alpha	5.7L 350 CID V-8	1996 - 1997	0F601000 - 0K999999	807447A 1	N.L.A.	807447R50
350 Mag Alpha EFI (Gen+)	5.7L 350 CID V-8	1996	0F800300 - 0K001508	860186A 2	N.L.A.	860186R50
350 Mag Alpha EFI (Gen+)	5.7L 350 CID V-8	1997	0K001509 - 0K999999	8M0088397	Active	807449R50
350 Mag Bravo EFI	5.7L 350 CID V-8	1995	0F415189 - 0F600199	806801A 1	N.L.A.	807447R50
350 Mag Bravo MPI (Gen+)	5.7L 350 CID V-8	1996	0F602000 - 0K001500	860186A 2	N.L.A.	860186R50
350 Mag Bravo MPI (Gen+)	5.7L 350 CID V-8	1997	0K001501 - 0K999999	8M0088397	Active	807449R50
350 Mag EFI Ski	5.7L 350 CID V-8	1994 - 1996	0F215561 - 0F820706	821151A 1	N.L.A.	807447R50
350 Mag EFI Ski (Gen+)	5.7L 350 CID V-8	1996 - 1997	0F820707 - 0K999999	8M0088397	Active	807449R50
350 Mag MPI (Gen+)	5.7L 350 CID V-8	1998 - 2001	0L010019 - 0M299999	8M0088397	Active	807449R50
350 Mag MPI (Gen+)	5.7L 350 CID V-8	2002 - 2004	0M300000 - 0W309999	8M0088397	Active	N/A
350 Mag MPI (Gen+)	5.7L 350 CID V-8	2005 - 2018	0W310000 and up	800-866138A03	Active	N/A
350 Mag MPI Horizon (Gen+)	5.7L 350 CID V-8	2002 - 2004	0M300000 - 0W309999	8M0088397	Active	N/A
350 Mag MPI Horizon (Gen+)	5.7L 350 CID V-8	2005 - 2007	0W310000 - 1A299999	800-866138A03	Active	N/A
350 Mag MPI Horizon MIE (Gen+)	5.7L 350 CID V-8	1999 - 2001	0L304700 - 0M299999	8M0088397	Active	807449R50
350 Mag MPI Horizon MIE (Gen+)	5.7L 350 CID V-8	2002 - 2004	0M300000 - 0W389999	8M0088397	Active	N/A
350 Mag MPI Horizon MIE (Gen+)	5.7L 350 CID V-8	2005 - 2007	0W390000 - 1A089999	800-866138A03	Active	N/A
350 Mag MPI MIE (Gen+)	5.7L 350 CID V-8	1998 - 2001	0L002008 - 0M299999	8M0088397	Active	807449R50
350 Mag MPI MIE (Gen+)	5.7L 350 CID V-8	2002 - 2004	0M300000 - 0W389999	8M0088397	Active	N/A
350 Mag MPI MIE (Gen+)	5.7L 350 CID V-8	2005 - 2007	0W390000 - 1A089999	800-866138A03	Active	N/A
350 Mag MPI Ski	5.7L 350 CID V-8	1995 - 1996	0F350583 - 0F799999	806801A 1	N.L.A.	807447R50
350 Mag MPI Ski (Gen+)	5.7L 350 CID V-8	1998 - 2001	0L002600 - 0M299999	8M0088397	Active	807449R50
350 Mag MPI Ski (Gen+)	5.7L 350 CID V-8	2002 - 2004	0M300000 - 0W309999	8M0088397	Active	N/A
350 Mag Ski	5.7L 350 CID V-8	1991 - 1995	0D505450 - 0F621699	821151A 1	N.L.A.	807447R50
350 Mag Ski	5.7L 350 CID V-8	1996 - 1997	0F621700 - 0K999999	807447A 1	N.L.A.	807447R50
5.7L - Alpha	5.7L 350 CID V-8	1988 - 1996	0B773305 - 0K001526	14152A 1	N.L.A.	883944R50
5.7L - Alpha	5.7L 350 CID V-8	1997	0K001527 - 0K999999	860183A 1(8)	N.L.A.	807447R50
5.7L - Bravo	5.7L 350 CID V-8	1989 - 1991	0C407810 - 0D617327	14152A 1(7)	N.L.A.	883944R50(7)
5.7L - Bravo	5.7L 350 CID V-8	1992 - 1995	0D617328 - 0F600999	821151A 1(8)	N.L.A.	807447R50(8)
5.7L - Bravo	5.7L 350 CID V-8	1996	0F601000 - 0K001526	807315A 1(7)	N.L.A.	883944R50(7)
5.7L - Bravo	5.7L 350 CID V-8	1997	0K001527 - 0K999999	860183A 1(8)	N.L.A.	807447R50(8)
5.7L (Gen+)	5.7L 350 CID V-8	1998 - 2018	0L010037 and up	8M0088397	Active	807449R50
5.7L EFI (TBI)	5.7L 350 CID V-8	1995	0F225560 - 0F752399	821151A 1(8)	N.L.A.	807447R50(8)
5.7L EFI (TBI)	5.7L 350 CID V-8	1996	0F752400 - 0K001505	807315A 1(7)	N.L.A.	883944R50(7)
5.7L EFI (TBI)	5.7L 350 CID V-8	1997	0K001506 - 0K999999	860183A 1(8)	N.L.A.	807447R50(8)
5.7L EFI (Gen+)	5.7L 350 CID V-8	1998 - 2001	0L010035 - 0M299999	8M0088397	Active	807449R50
5.7L EFI MIE (Gen+)	5.7L 350 CID V-8	1997	0K040300 - 0K999999	8M0088397	Active	N/A
5.7L MIE (LH)	5.7L 350 CID V-8	1988 - 1995	0B788152 - 0F622099	14155A 1	N.L.A.	883944R50
5.7L MIE (RH)	5.7L 350 CID V-8	1988 - 1995	0B788152 - 0F746099	14156A 1	N.L.A.	N.L.A.
5.7L MIE (LH)	5.7L 350 CID V-8	1995	0F622151 - 0F746099	14155A 1(7)	N.L.A.	883944R50(7)

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Model	Cyl/CID/Litre	Year Range	Serial # Range	New Part Number	New P/N Status	Reman Pro-Series P/N
5.7L MIE (LH)	5.7L 350 CID V-8	1996	0F622100 - 0F622150	807448A 1(8)	N.L.A.	807447R50(8)
5.7L MIE (LH)	5.7L 350 CID V-8	1996 - 1997	0F746100 - 0K999999	807448A 1(8)	N.L.A.	807447R50(8)
5.7L MIE (Gen+)	5.7L 350 CID V-8	1998 - 2018	0L002003 and up	8M0088397	Active	807449R50
5.7L MPI Horizon MIE	5.7L 350 CID V-8	2008 - 2018	1A090000 and up	800-866138A03	Active	N/A
5.7L MPI MIE	5.7L 350 CID V-8	2008 - 2018	1A090000 and up	800-866138A03	Active	N/A
5.7L MPI Ski	5.7L 350 CID V-8	2008 - 2018	1A090000 and up		Active	N/A
5.7L Ski (LH)	5.7L 350 CID V-8	1985 - 1987	0A338553 - 0B514626	13415A 1(11)	N.L.A.	N/A
5.7L Ski (RH)	5.7L 350 CID V-8	1985 - 1987	0A338553 - 0B514626	87986A 1(11)	N.L.A.	N/A
5.7L Ski (LH)	5.7L 350 CID V-8	1987 - 1995	0B514627 - 0F775199	14152A 1	N.L.A.	883944R50
5.7L Ski (RH)	5.7L 350 CID V-8	1987 - 1995	0B514627 - 0F775199	14156A 1	N.L.A.	N.L.A.
5.7L Ski	5.7L 350 CID V-8	1996 - 1997	0F775200 - 0K040003	807315A 1(7)	N.L.A.	883944R50(7)
5.7L Ski	5.7L 350 CID V-8	1997	0K040004 - 0K999999	860183A 1(8)	N.L.A.	807447R50(8)
5.7L Ski (2 bbl)	5.7L 350 CID V-8	1998 - 2018	0L002005 and up	8M0088397	Active	807449R50
5.7L Ski (4 bbl)	5.7L 350 CID V-8	2007 - 2018	0W694844 and up	800-866138A03	Active	N/A
5.7LX	5.7L 350 CID V-8	1996 - 1997	0F601000 - 0K999999	807447A 1	N.L.A.	807447R50
5.7LX Bravo EFI (Gen+)	5.7L 350 CID V-8	1996	0F800300 - 0K001508	860186A 2	N.L.A.	860186R50
5.7LX Bravo EFI (Gen+)	5.7L 350 CID V-8	1997	0K001509 - 0K999999	8M0088397	Active	807449R50
5.7LX EFI (TBI)	5.7L 350 CID V-8	1996 - 1997	0F752400 - 0K999999	807447A 1	N.L.A.	807447R50
Black Scorpion Ski	5.7L 350 CID V-8	1996 - 2001	0F800000 - 0M136999	8M0088397	Active	807449R50
Black Scorpion Ski	5.7L 350 CID V-8	2003 - 2007	0M391600 - 0W698432	8M0088397	Active	N/A
Scorpion 350	5.7L 350 CID V-8	2008 - 2018	0W698433 and up	8M0088397	Active	N/A
Scorpion 350 EC	5.7L 350 CID V-8	2008 - 2018	0W698433 and up	800-866138A05	Active	N/A
377 Mag	6.2L 377 CID V-8	2008 - 2009	1A300000 - 1A345479	865108A02	N.L.A.	8M0095941
377 Mag	6.2L 377 CID V-8	2009	1A345480 - 1A345492	879288A06	Active	N/A
377 Mag	6.2L 377 CID V-8	2009	1A345493 - 1A345765	865108A02	N.L.A.	8M0095941
377 Mag	6.2L 377 CID V-8	2009	1A345766 - 1A345767	879288A06	Active	N/A
377 Mag	6.2L 377 CID V-8	2009	1A345768 - 1A346789	865108A02	N.L.A.	8M0095941
377 Mag	6.2L 377 CID V-8	2009 - 2018	1A346790 and up	879288A06	Active	N/A
383 Mag Stroker	6.2L 377 CID V-8	1996 - 2018	All and up	N/A		865108R01
MX 6.2L MPI	6.2L 377 CID V-8	2000 - 2001	0L680003 - 0M299999	865108A01	N.L.A.	N.L.A.
MX 6.2L MPI	6.2L 377 CID V-8	2002 - 2007	0M300000 - 1A299999	865108A02	N.L.A.	8M0095941
MX 6.2L MPI Horizon	6.2L 377 CID V-8	2002 - 2007	0M300000 - 1A299999	865108A02	N.L.A.	8M0095941
MX 6.2L MPI Horizon MIE	6.2L 377 CID V-8	2002 - 2009	0M300000 - 1A091825	865108A02	N.L.A.	8M0095941
MX 6.2L MPI Horizon MIE	6.2L 377 CID V-8	2009 - 2018	1A091826 and up	879288A06	Active	N/A
MX 6.2L MPI MIE	6.2L 377 CID V-8	1999 - 2001	0L670000 - 0M299999	865108A01	N.L.A.	N.L.A.
MX 6.2L MPI MIE	6.2L 377 CID V-8	2002 - 2018	0M300000 and up	865108A02	N.L.A.	8M0095941
MX 6.2L MPI Ski	6.2L 377 CID V-8	2002 - 2009	0M317000 - 1A091825	865108A02	N.L.A.	8M0095941
MX 6.2L MPI Ski	6.2L 377 CID V-8	2009 - 2018	1A091826 and up	879288A06	Active	N/A
MX 6.2L Black Scorpion Ski	6.2L 377 CID V-8	2001	0L670015 - 0L679130	865108A01	N.L.A.	N.L.A.
MX 6.2L Black Scorpion Ski	6.2L 377 CID V-8	2001 - 2007	0L679131 - 0W698432	865108A02	N.L.A.	8M0095941
Scorpion 377	6.2L 377 CID V-8	2008 - 2009	0W698433 - 1A091825	865108A02	N.L.A.	8M0095941
Scorpion 377	6.2L 377 CID V-8	2009 - 2018	1A091826 and up	879288A06	Active	N/A
Scorpion 377 HO EC	6.2L 377 CID V-8	2009 - 2018	1A091488 - 1A092170	800-866138A06	Active	N/A
330	7.4L 454 CID V-8	1977 - 1981	4623115 - 6083144	18706A 1	N.L.A.	N/A
330	7.4L 454 CID V-8	1982 - 1987	6083145 - 0B816540	87989A 1	N.L.A.	N/A
330 MIE (LH)	7.4L 454 CID V-8	1977 - 1980	4623100 - 5889913	87989A 1	N.L.A.	N/A
330 MIE (RH)	7.4L 454 CID V-8	1977 - 1980	4623100 - 5889913	87992A 1	N.L.A.	N/A
340 MIE (LH)	7.4L 454 CID V-8	1981 - 1987	5889914 - 0B788365	87989A 1	N.L.A.	N/A
340 MIE (RH)	7.4L 454 CID V-8	1981 - 1987	5889914 - 0B788365	87992A 1	N.L.A.	N/A
454 Mag Alpha	7.4L 454 CID V-8	1986 - 1988	0A631894 - 0B785148	18706A 1	N.L.A.	N/A
454 Mag Bravo	7.4L 454 CID V-8	1988 - 1992	0B721206 - 0D805068	44575A 1	N.L.A.	N.L.A.
454 Mag Bravo (Gen V)	7.4L 454 CID V-8	1992 - 1996	0D805069 - 0F801699	806352A 1	N.L.A.	N.L.A.

Model	Cyl/CID/Litre	Year Range	Serial # Range	New Part Number	New P/N Status	Reman Pro-Series P/N
454 Mag Bravo (Gen VI)	7.4L 454 CID V-8	1996 - 1997	0F801700 - 0K999999	807744A3	N.L.A.	N.L.A.
454 Mag EFI (Gen V)	7.4L 454 CID V-8	1994 - 1996	0F115700 - 0F802349	806352A 1	N.L.A.	N.L.A.
454 Mag EFI Ski (Gen V)	7.4L 454 CID V-8	1995 - 1996	0F215800 - 0F820099	806352A 1	N.L.A.	N.L.A.
454 Mag MPI (Gen VI)	7.4L 454 CID V-8	1996 - 2001	0F802350 - 0M024999	807744A3	N.L.A.	N.L.A.
454 Mag MPI Horizon MIE	7.4L 454 CID V-8	1998 - 2001	0L002200 - 0L674000	807744A3	N.L.A.	N.L.A.
454 Mag Ski (MPI) (GenVI)	7.4L 454 CID V-8	1996 - 1997	0F820100 - 0K999999	807744A3	N.L.A.	N.L.A.
7.4L Bravo	7.4L 454 CID V-8	1988 - 1991	0B771113 - 0D603117	18706A 1	N.L.A.	N/A
7.4L Bravo I & II (Gen V)	7.4L 454 CID V-8	1992 - 1996	0D603118 - 0F800699	806351A 1	N.L.A.	806351R50
7.4L Bravo III (Gen V)	7.4L 454 CID V-8	1993 - 1996	0D603118 - 0F800699	806359A 1	N.L.A.	806351R50
7.4L Bravo (Gen VI)	7.4L 454 CID V-8	1996 - 1997	0F800700 - 0K999999	807739A 1	N.L.A.	N.L.A.
7.4L EFI MIE (Gen VI) (LH)	7.4L 454 CID V-8	1996 - 1997	0F874815 - 0K999999	807739A 1	N.L.A.	N.L.A.
7.4L MIE (LH)	7.4L 454 CID V-8	1988 - 1992	0B788366 - 0D715493	87989A 1	N.L.A.	N/A
7.4L MIE (RH)	7.4L 454 CID V-8	1988 - 1992	0B788366 - 0D715493	87992A 1	N.L.A.	N/A
7.4L MIE (Gen V)	7.4L 454 CID V-8	1992 - 1996	0D715494 - 0F820141	806351A 1	N.L.A.	806351R50
7.4L MIE (Gen VI)	7.4L 454 CID V-8	1996 - 1997	0F820142 - 0K999999	807739A 1	N.L.A.	N.L.A.
7.4L MPI (Gen VI)	7.4L 454 CID V-8	1998 - 2001	0L010033 - 0M024330	861097A 2	N.L.A.	883281R50
7.4L MPI MIE (Gen V)	7.4L 454 CID V-8	1995 - 1996	0F563052 - 0F802103	806351A 1	N.L.A.	806351R50
7.4L MIE MPI (Gen VI)	7.4L 454 CID V-8	1996 - 1997	0F802104 - 0K999999	807739A 1	N.L.A.	N.L.A.
7.4L MIE MPI (Gen VI)	7.4L 454 CID V-8	1998 - 2001	0L002006 - 0M025999	861097A 2	N.L.A.	883281R50
7.4LX Bravo EFI (Gen VI)	7.4L 454 CID V-8	1996 - 1997	0F820000 - 0K999999	807739A 1	N.L.A.	N.L.A.
7.4LX Bravo MPI (Gen V)	7.4L 454 CID V-8	1996	0F602101 - 0F801999	807161A 1	N.L.A.	806351R50
7.4LX Bravo MPI (Gen V)	7.4L 454 CID V-8	1996 - 1997	0F802000 - 0K999999	807739A 1	N.L.A.	N.L.A.
496 Mag & 8.1S	8.1L 496 CID V-8	2001 - 2018	0M025000 and up	865752A01	N.L.A.	8M0086000
496 Mag HO & 8.1S HO	8.1L 496 CID V-8	2001 - 2018	0M025000 and up	N.L.A.	Active	8M0086001
500	8.2L 502 CID V-8	1992 - 1997	0F213293 - 0L001772	848170A 8	N.L.A.	N/A
500 EFI	8.2L 502 CID V-8	1999 - 2005	0L001477 - 0M907127	844500A 8	Active	N/A
502 Mag Bravo	8.2L 502 CID V-8	1990 - 1992	0C878221 - 0D824588	816287A 1	N.L.A.	N.L.A.
502 Mag Bravo (Gen V)	8.2L 502 CID V-8	1992 - 1993	0D842589 - 0F114528	807745A05	N.L.A.	8M0062846
502 Mag EFI (Gen V)	8.2L 502 CID V-8	1993 - 1995	0D840650 - 0F802599	807745A05	N.L.A.	8M0062846
502 Mag MPI (Gen VI)	8.2L 502 CID V-8	1996 - 2001	0F802600 - 0M024999	807745A05	N.L.A.	8M0062846
525 EFI	8.2L 502 CID V-8	2003 - 2005	0M900146 - 0M953619	841178A 1	Active	N/A
525 EFI	8.2L 502 CID V-8	2006 - 2018	0M953620 and up	841178A05	Active	N/A
575 SCi	8.2L 502 CID V-8	2001 - 2005	0L306696 - 0M950526	844575A7	N.L.A.	N/A
600 SCi	8.2L 502 CID V-8	2005 - 2018	0M952908 and up	844200A08	Actice	N/A
8.2L Mag EC	8.2L 502 CID V-8	2010 - 2018	1A350340 and up	8M0074038	Active	N/A
8.2L MIE EC	8.2L 502 CID V-8	2010 - 2018	1A350802 and up	8M0074038	Active	N/A
8.2L MIE	8.2L 502 CID V-8	1990 - 1992	0C878221 - 0D857199	815875A 1	N.L.A.	N/A
8.2L MIE (Gen V)	8.2L 502 CID V-8	1993 - 1996	0D857200 - 0F819619	807745A05	N.L.A.	8M0062846
8.2L MIE MPI (Gen VI) (LH)	8.2L 502 CID V-8	1996 - 2001	0F819620 - 0L674200	807745A05	N.L.A.	8M0062846

(1) 1 pc. Rear main seal

(2) 2 pc. Rear main seal

(5) Gen II w/o balance shaft

(6) Gen II w/balance shaft

(7) Flat Tappet & camshaft

(8) Roller Lifter & camshaft

(11) See MCM S.B. 86-22

(12) w/o crank position sensor

(13) See MerCruiser Service Bulletin 2007-11

(14) Order 8M0062850

(15) This longblock can be used to backfit 1992-1995 Gen-V engines, but will require replacing the harmonic balancer with a newer version harmonic balancer p/n 845625T2 or scribing the timing marks on the original harmonic balancer.

Volvo/OMC Longblock Cross Reference

Model	Model Notes	Longblock	Starter	Exhaust Manifold Gasket	Thermostat Gasket	Intake Gasket	Fuel Pump Gasket
	COBRA/JV, Volvo 1993						
432APLJVB		806347R50	50-863007A 1	27- 99757	8M2021920	27-824326	
432APLJVN		806347R50	50-863007A 1	27- 99757	8M2021920	27-824326	
432APRJVB		806347R50	50-863007A 1	27- 99757	8M2021920	27-824326	
432APRJVN		806347R50	50-863007A 1	27- 99757	8M2021920	27-824326	
434APLJVB		806347R50	50-863007A 1	27- 99757	8M2021920	27-824326	
434APLJVN		806347R50	50-863007A 1	27- 99757	8M2021920	27-824326	
434APRJVB		806347R50	50-863007A 1	27- 99757	8M2021920	27-824326	
434APRJVN		806347R50	50-863007A 1	27- 99757	8M2021920	27-824326	
	COBRA/JV, Volvo 1994 MD						
432ACMMDA		806347R50	50-863007A 1	27- 99757	8M2021920	27-824326	
432ACPMDA		806347R50	50-863007A 1	27- 99757	8M2021920	27-824326	
432AGMMDA		806347R50	50-863007A 1	27- 99757	8M2021920	27-824326	
432AGPMDA		806347R50	50-863007A 1	27- 99757	8M2021920	27-824326	
	COBRA/JV, Volvo 1995 HU						
43APHUB		806347R50	50-863007A 1	27- 99757	8M2021920	27-824326	
	COBRA/JV, Volvo 1996 NC						
432APNCA		806347R50(1)	50-863007A 1	27- 99757	8M2021920	27-824326(2)	
432BPNCS		806347R50(1)	50-863007A 1	27- 99757	8M2021920	27-824326(2)	
434APNCA		806347R50(1)	50-863007A 1	27- 99757	8M2021920	27-824326(2)	
434BPNCS		806347R50(1)	50-863007A 1	27- 99757	8M2021920	27-824326(2)	
43FAPNCA		806347R50(1)	50-863007A 1	27- 99757	8M2021920	27-824326(2)	
43FBPNCS		806347R50(1)	50-863007A 1	27- 99757	8M2021920	27-824326(2)	
	COBRA/JV, Volvo 1997 LK						
432BPLKD		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
434BPLKD		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
43FBPLKD		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
	COBRA/JV, Volvo 1998 BY						
432BPBYC		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
434BPBYC		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
43FBPBYC		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
	Volvo 3.0L, 1999 & newer						
3.0GLM-A		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
3.0GLM-B		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
3.0GLM-C		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
3.0GLP-A		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
3.0GLP-B		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
3.0GLP-C		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
3.0GLP-D		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
3.0GLP-E		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
3.0GLP-J		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
3.0GSM-A		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
3.0GSM-B		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
3.0GSM-C		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
3.0GSP-A		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
3.0GSP-B		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
3.0GSP-C		N.L.A.	50-863007A 1	27-815528	27-814680 1	27-815528	27- 34213
	Volvo 4.3L, 1999 & newer						
430A		14149R50	N.L.A.	27- 99757	8M2021920	27- 11977	27- 34213
430B		14149R50	N.L.A.	27- 99757	8M2021920	27- 11977	27- 34213
431A		14149R50	N.L.A.	27- 99757	8M2021920	27- 11977	27- 34213
431B		14149R50	N.L.A.	27- 99757	8M2021920	27- 11977	27- 34213
432A		14149R50	N.L.A.	27- 99757	8M2021920	27- 11977	27- 34213

Model	Model Notes	Longblock	Starter	Exhaust Manifold Gasket	Thermostat Gasket	Intake Gasket	Fuel Pump Gasket
434A		14149R50	N.L.A.	27- 99757	8M2021920	27- 11977	27- 34213
4.3GIJWTR		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GIPBYCCE		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GIPEFS		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GIPHUSCE		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GIPLKDCE		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GIPLKECE		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GIPNCACA		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GIPNCBCE		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GIPWTC		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GIPWTR		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GKOHUB		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GL-A		N/A	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GL-B		N/A	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GL-C		N/A	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GL-D		N/A	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GL-E		N/A	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GL-EF		N/A	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GL-G		N/A	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GL-J		8M0101211	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GLMMDA		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GLPBYC		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GLPEFS		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GLPLKD		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GLPLKE		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GLPMDA		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GLPNCA		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GLPNCB		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GLPNCS		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GLPWTC		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GLPWTR		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSJBYA		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSJLKD		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSJWTR		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSPBYC		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSPHUB		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSPHUS		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSPLKD		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSPLKE		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSPMDA		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSPNCA		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSPNCB		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSPNCM		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSPNCS		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSPWTC		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GSPWTR		807736R50	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GXI-A		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GXI-B		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GXI-BF		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GXI-C		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GXI-CF		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GXI-D		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GXI-DF		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GXI-E		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GXI-F		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	

Model	Model Notes	Longblock	Starter	Exhaust Manifold Gasket	Thermostat Gasket	Intake Gasket	Fuel Pump Gasket
4.3GXI-G		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3GXI-J		8M0101211	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGI-JF		8M0101211	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGSI-E		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGSI-EF		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGSI-F		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGSI-FF		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGSI-G		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGSI-GF		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGSI-J		8M0101211	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGSI-JF		8M0101211	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGXI-E		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGXI-EF		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGXI-F		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGXI-FF		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGXI-G		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGXI-GF		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OGXI-J		8M0101211	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OSI-B		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OSI-BF		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OSI-C		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OSI-CF		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OSI-D		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
4.3OSI-DF		8M0063328	50-863007A 1	27- 99757	8M2021920	27-824326002	
	Volvo 5.0L, 1999 & newer						
5.0GL-A		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GL-B		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GL-C		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GL-D		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GL-E		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GL-F		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GL-FF		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GL-H		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GL-HF		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GXI-A		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GXI-B		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GXI-BF		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GXI-C		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GXI-CF		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GXI-D		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GXI-DF		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GXI-E		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GXI-EF		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GXI-F		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GXI-FF		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GXI-G		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GXI-GF		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0GXI-J		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0OSI-B		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0OSI-BF		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0OSI-C		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0OSI-CF		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0OSI-D		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0OSI-DF		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0OSI-E		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	

Model	Model Notes	Longblock	Starter	Exhaust Manifold Gasket	Thermostat Gasket	Intake Gasket	Fuel Pump Gasket
5.0OSI-EF		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0OSI-F		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0OSI-FF		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0OSI-G		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.0OSI-GF		8M0088396	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
	Volvo 5.7L, 1999 & newer						
5.7 OSI - A		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7 OSI - AF		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7 OSI - B		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7 OSI - BF		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7 OSI - C		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7 OSI - CF		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7 OSI - D		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7 OSI - DF		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7 OSI - E		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7 OSI - EF		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7 OSI - G		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7 OSI - GF		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GI - A		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GI - B		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GI - BF		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GI - C		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GI - CF		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GI - D		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GI - DF		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GI - E		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GI - EF		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GI - F		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GI - FF		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GI - G		8M0088397	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GI - GF		800-866138A03	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GI-300-J		800-866138A03	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GiI - A		8M0088397	N.L.A.	27- 33395	27- 53045 1	27-807473A 1	
5.7GiI - B		8M0088397	N.L.A.	27- 33395	27- 53045 1	27-807473A 1	
5.7GiI - C		8M0088397	N.L.A.	27- 33395	27- 53045 1	27-807473A 1	
5.7GiI - D		8M0088397	N.L.A.	27- 33395	27- 53045 1	27-807473A 1	
5.7GiI - E		8M0088397	N.L.A.	27- 33395	27- 53045 1	27-807473A 1	
5.7GiI - F		8M0088397	N.L.A.	27- 33395	27- 53045 1	27-807473A 1	
5.7GiI - G		8M0088397	N.L.A.	27- 33395	27- 53045 1	27-807473A 1	
5.7GL-A		807449R50	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GL-B		807449R50	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GL-C		807449R50	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GL-D		807449R50	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GL-E		807449R50	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7GSiI - ANY		8M0052529	N.L.A.	27- 33395	27- 53045 1	27-807473A 1	
5.7GXi - ANY		8M0052529	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
5.7OXi - ANY		8M0052529	50-863007A 1	27- 33395	27- 53045 1	27-807473A 1	
	Volvo 8.1L, 1999 & newer						
8.1G-BF		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GI-A		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GI-B		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GI-C		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GI-CF		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GI-D		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GI-DF		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	

LONGBLOCK CROSS REFERENCE CHARTS

Model	Model Notes	Longblock	Starter	Exhaust Manifold Gasket	Thermostat Gasket	Intake Gasket	Fuel Pump Gasket
8.1GI-E		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GI-EF		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GI-F		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GI-FF		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GI-G		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GI-GF		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GI-H		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GI-HF		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GiI-A		8M0086000	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GiI-B		8M0086000	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GiI-C		8M0086000	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GiI-D		8M0086000	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GiI-E		8M0086000	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GiI-F		8M0086000	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GiI-G		8M0086000	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GiI-H		8M0086000	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GSI-A		8M0086000	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GSiI-A		8M0086000	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GXi-A		8M0086001	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GXi-AF		8M0086001	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GXi-B		8M0086001	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GXi-BF		8M0086001	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GXi-C		8M0086001	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GXi-CF		8M0086001	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GXi-D		8M0086001	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GXi-DF		8M0086001	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GXi-E		8M0086001	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GXi-EF		8M0086001	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GXi-F		8M0086001	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GXi-FF		8M0086001	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GXi-G		8M0086001	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GXi-GF		8M0086001	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1GXiI-A		8M0086001	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GXiI-B		8M0086001	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GXiI-C		8M0086001	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GXiI-D		8M0086001	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GXiI-E		8M0086001	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GXiI-F		8M0086001	N.L.A.	27- 46820	27-881620001	27-895235	
8.1GXiI-G		8M0086001	N.L.A.	27- 46820	27-881620001	27-895235	
8.1OSI-A		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1OSI-AF		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1OSI-B		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1OSI-BF		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1OSI-C		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1OSI-CF		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1OSI-D		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	
8.1OSI-DF		8M0086000	50-863007A 1	27- 46820	27-881620001	27-895235	

(1) Inspect original engine in boat to verify ordering the correct replacement block. The 806347R50 listed is a non-Gen+ engine and can be identified by the 12 bolts securing the intake manifold. If the intake manifold on the original engine is secured by 8 bolts, then order 807736R50 Gen+ longblock instead.

(2) Inspect original engine in boat to verify ordering the correct intake manifold gasket. The 27-824326 listed is for use on non-Gen+ engines which can be identified by the 12 bolts securing the intake manifold. If the intake manifold on the original engine is secured by 8 bolts, then order 27-824326002 Gen+ intake manifold gasket instead.

INTAKE AND EXHAUST GASKET CROSS REFERENCE CHART

Intake and Exhaust Gasket Cross Reference

Engine Applications	Description		
MerCruiser 3.0 Liter 4 - Cylinder		Intake Gasket #	Exhaust Gasket #
N/A	GM 4 cyl., 3.0L - 181 cid 1990-1994 L-series	27- 96429	N/A
8M0062850	GM 4 cyl., 3.0 L - 181 cid 1990-1995 LX-series	27-815528	N/A
N/A	GM 4 cyl., 3.0L - 181 cid 1996 & newer LX-series	27-815528	N/A
MerCruiser 3.7 Liter 4 - Cylinder		Intake Gasket #	Exhaust Gasket #
N.L.A.	Mercury 4 cyl., 3.7L - 224 cid 1976-1989	27- 70905	27- 68715
MerCruiser 4.3 Liter V-6		Intake Gasket #	Exhaust Gasket #
14149R50	GM V-6, 4.3L - 262 cid 1986-1992	27- 11977	27- 99757
806347R50	GM V-6, 4.3L - 262 cid 1993-1996	27-824326	27- 99757
807736R50	GM V-6, 4.3L - 262 cid (Gen +) 1996-99	27-824326002	27- 99757
N/A	GM V-6, 4.3L - 262 cid (Gen +) (w/o CPS) 2000-up	27-824326002	27- 99757
8M0063328	GM V-6, 4.3L - 262 cid (Gen +) (with CPS) 2002-up	27-824326002	27- 99757
MerCruiser 5.0 Liter V-8		Intake Gasket #	Exhaust Gasket #
805636R50	GM V-8, 5.0L - 305 cid 1987-1995	27- 17145	27- 33395
N.L.A.	GM V-8, 5.0L - 305 cid (Gen +) 1998 & newer	27- 17145	27- 33395
N/A	GM V-8, 5.0L - 305 cid (Gen +) 2002 & newer	807473A 1	33395
MerCruiser 5.7 Liter V-8		Intake Gasket #	Exhaust Gasket #
14156R50	GM V-8, 5.7L - 350 cid (RH) 1987-1995	27- 17145	27- 33395
N.L.A.	GM V-8, 5.7L - 350 cid (LH) (2-pc RM seal) 1987-95	27- 17145	27- 33395
807447R50	GM V-8, 5.7L - 350 cid 1992-95	27- 17145	27- 33395
807449R50	GM V-8, 5.7-L 350 cid (Gen +) (with CPS) 1996-up	27-807473A 1	27- 33395
N.L.A.	GM V-8, 5.7-L 350 cid (Gen +) 1996	27-807473A 1	27- 33395
N/A	GM V-8, 5.7-L 350 cid (Gen +) 2002-2004	27-807473A 1	27- 33395
883944R50	GM V-8, 5.7L - 350 cid 1987-95	27- 17145	27- 33395
MerCruiser 6.2 Liter V-8		Intake Gasket #	Exhaust Gasket #
N.L.A.	GM V-8, 6.2-L 377 cid (Gen+) 2000-01 w/o CPS	27-807473A 1	27- 33395
N/A	GM V-8, 6.2-L 377 cid (Gen+) 2002-up with CPS	27-807473A 1	27- 33395

Engine Applications	Description		
MerCruiser 7.4 Liter V-8		Intake Gasket #	Exhaust Gasket #
N.L.A.	GM V-8, 454 cid (Mark IV) 1977-1992	27-8M0050224	27- 46820
806351R50	GM V-8, 454 cid (Gen V) 1992-1996	27-8M0050225	27- 46820
N.L.A.	GM V-8, 454 cid (Gen V) MAG 1992-1996	27-8M0073380	27- 46820
N.L.A.	GM V-8, 454 cid (Gen VI) 1996-1997	27-8M0050225	27- 46820
N.L.A.	GM V-8, 454 cid (Gen VI) MAG 1996 and newer	27-8M0073380	27- 46820
N.L.A.	GM V-8, 454 cid (Mark IV) (RH - Opp. Rot.) 1977-92	27-8M0050224	27- 46820
883281R50	GM V-8, 454 cid (L29) 1998 and newer	27-803184	27- 46820
MerCruiser 8.1 Liter V-8		Intake Gasket #	Exhaust Gasket #
8M0086000	GM V-8, 8.1-L 496 cid 2001and newer	27-881633T01	27- 46820
8M0086001	GM V-8, 8.1-L 496 cid H.O.(High-Output) 2001-up	27-881633T01	27- 46820
MerCruiser 8.2 Liter V-8		Intake Gasket #	Exhaust Gasket #
8M0062846	GM V-8, 502 cid (Gen V) carb 1992-1996	27-8M0073380	27- 46820
8M0062846	GM V-8, 502 cid (Gen V) MPI 1992-1996	27-805403A 1	27- 46820
8M0062846	GM V-8, 502 cid (Gen VI) 1996 and newer	27-805403A 1	27- 46820

DARE TO COMPARE

PARTS

QUICKSILVER® Remanufacturing

DARE TO COMPARE?

When evaluating the features and benefits of any product it is human nature to put price at the top of the consideration list. Here, at ***Quicksilver Remanufacturing*** we do too. However, it is our obligation to provide a product that will withstand the rigors of marine use and live-up to the expectations of the customer. With that being said, we are willing to share the very essence of the value we put into each and every engine.

THE PARTS

When searching for a replacement engine, marine dealers sometimes turn to their local machine shop to rebuild a marine engine. Most of these local shops are accustomed to building automotive type engines that utilize components that are lower in price but not suitable for the demands of a marine environment. This results in an engine that may be lower in price but not built to the same quality standards as a Mercury Marine remanufactured engine.

The table below shows the retail prices obtained from a US competitive auto parts chain. Here we compare the high-quality marine parts utilized by *Quicksilver Remanufacturing* and the same parts that would normally be used to rebuild an automotive engine. A 2005 5.7L V-8 was used for this example.

COMPONENT	MARINE	PRICE	AUTOMOTIVE	PRICE
PISTONS	Hypereutectic Teflon Coated Skirt	$145.83 Each $1,166.67 Set	Cast - Std. OEM Truck	$19.99 Each $159.92 Set
TIMING SET	Premium Double Roller	$101.83 Set	Single Roller OEM	$16.99 Set
VALVES	Stainless Oversize Stem	$59.26 Each $948.24 Set	Standard OEM ***SEE NOTE - 1**	$7.69 Each $123.04
VALVE SPRINGS	Heavy Duty	$150.80 Set	Standard OEM ***SEE NOTE - 2**	$43.04 Set
ROD BEARINGS	Premium Grade High Load	$8.75 Each $70.00 Set	Standard Automotive	$4.62 Each $36.99 Set
MAIN BEARINGS	Premium Grade High Load	$85.83 Set	Standard Automotive	$46.99 Set
RING SET	Premium Grade Ductile Iron	$99.99 Set	Standard Cast Automotive	$24.99
OIL PUMP	NEW High Volume	$329.17	Standard OEM * **SEE NOTE - 3**	$26.99
HEAD GASKET SET	Marine Quality Stainless rings	$93.17	Standard OEM Automotive	$59.98
WATER PUMP	Marine Water Pump	$149.33	Standard Automotive * **SEE NOTE - 4**	$46.99
TOTAL RETAIL PRICE	Equivalent to the parts used to build a **Quicksilver Remanufactured Engine.**	**$3,095.04**	Parts cost to build a comparable Automotive/Truck engine.	**$651.92**

NOTES AND PROCESS

NOTES

1. Most machine shops & rebuilders grind the valves, they don't replace them. At *Quicksilver Remanufacturing,* we replace all the valves - 100%.
2. Most machine shops & rebuilders don't replace the valve springs. Automotive valve springs are not suitable for constant high RPM operation. Again, we replace every valve spring and lock.
3. Some machine shops don't replace the oil pump. Here, all oil pumps are replaced with brand new "high-volume" pumps to make sure the engine receives the best possible interior lubrication.
4. Most machine shops & rebuilders do not include a 100% new marine water pump in their price.

Interesting Observation:

In the remanufacturing process, additional parts are used to assemble the total engine. As the previous parts comparison shows, if a local machine/repair shop were to use the same quality parts as *Quicksilver Remanufacturing*, the cost of their engines would be **$2,443.12 higher** than the average rebuild price at full retail price. The nature of a marine engine is continuous WOT operation in corrosive environments not seen in any other application including automotive racing. As a result, the materials and designs required for internal engine parts differ significantly between marine and automotive engines. Automotive parts used in marine applications can quickly result in catastrophic engine failure.

You get what you pay for.

THE PROCESS

Remanufacturing an engine to Mercury Marine's standards requires a significant investment in specialized equipment, documented process systems, and properly trained employees to consistently bore, hone, machine, clean, assemble, paint, and live-run every engine to provide the quality expected of an original equipment manufacturer. Local machine shops rarely have the necessary equipment or process systems in place to remanufacture a marine engine to this level of quality. These important differences are often overlooked or unknown when comparing engine prices.

Teardown – Cleaning – Inspection:

- Each core engine is completely disassembled, then baked in an oven to burn off the oil, grease and corrosion.
- Next, the castings go through a "hot" high pressure wash to clean the material to a like-new condition. Older methods of shot or bead blasting are no longer utilized as part of the cleaning process, primarily to reduce the possibility of metal debris adhering to the block.
- Then, every component is inspected for cracks and erosion. Cracked or damaged crankshafts, blocks or heads are scrapped, not welded or repaired!
- Each engine goes through a total of four washing procedures throughout the engine-building process.

Machining Blocks:

- Each block is honed to OEM specifications
- The deck is machined to ensure a flat sealing surface
- Crankshaft mains are line-honed
- Cam bores are also line-honed to eliminate bearing distortion. This important step is often avoided by other engine remanufacturers due to equipment cost and process time

Cylinder Heads:

- The head surface is machined to ensure a flat sealing surface
- Hardened exhaust seats are replaced as required and all seats are three-angle ground
- Valve guides are machined to accept an oversize valve stem. This is a critical process to eliminate stem-to-guide leakage. In an attempt to reduce cost, most competitors and machine shops knurl the valve guides which by Mercury's standards is an unacceptable process Knurled guides wear quickly and lead to oil consumption and poor performance

COMPONENTS AND ASSEMBLY

Crankshafts:

- All crankshafts are ground to a maximum of .020 undersize
- Crankshafts are never welded to repair damage, they are scrapped

Connecting Rods:

- All rods are checked for straightness and twist
- All pin and bearing bores are honed

COMPONENTS

- Components are stored on plastic covered racks and containers protected from airborne contamination
- All purchased components are inspected for contamination and washed prior to assembly--- this cleaning process rarely found at any competitor or machine shop
- All machined components also receive a final wash prior to assembly

ASSEMBLY

The Environment

- The engine assembly area is located in a separate room away from the machining room
- This separation and filtered air circulation reduces the possibility of airborne contamination during the assembly process

Brass Freeze Plugs

- New brass freeze plugs are installed in the block with a special hydraulic press so that the plugs seat perfectly in the block

Crankshaft Installation

- The main bearing caps are torqued with a programmed air tool that tightens all bolts on each cap at the same
- This is a critical process since it applies equal torque to both sides of the bearing at the same time
- Both rod bearing studs are also tightened at the same time, to the maximum torque specified
- The air tool also applies a paint dot to each bolt so it identifies that the part was correctly installed

Inspection

- During the assembly process blocks are randomly selected to inspect for particulate contamination
- The block and components are washed and the rinse solution is inspected for contaminant particle count
- Complete batches of engines may be rejected if the particle count is beyond acceptable limits
- Blocks, heads and crankshafts are randomly selected for measurement
    - The components are place on a computer controlled fixture and automatically measured to ensure that each part meets the OEM specification
    - A coordinate measuring machine (CMM) accurately measures every dimension and then compares it to the OEM specification

Final Assembly

- All stages of the final assembly are closely monitored so each engine meets the strict quality standards
- Each station is equipped with a complete set of documents describing each operation
- The platforms that carry each engine during assembly are washed after each engine is completed
- Automated tools are recalibrated regularly and tested to provide accurate installation

HOT-TEST VS. SPIN-TEST

Final Testing

- Every Mercury Marine remanufactured engine is **HOT TESTED** prior to shipment
- Each engine is fully assembled with a fuel and electrical system
- This process is costly and time consuming, but ensures that each engine actually operates properly
- The engine is placed in a test stand and run up to operating temperature, allowing the gaskets and fasteners to properly seat
- Oil pressure and flow is checked and documented
- Each cylinder is compression tested
- The cooling system is pressurized to operating pressure
- Special lighting and a dye is used to check for coolant leaks
- For future reference computer records are maintained for each engine

The value of a HOT-TEST vs. SPIN-TEST!

The majority of engine rebuilders utilize a spin-test to evaluate the quality of their engines. A spin-test simply rotates a cold engine (by the crankshaft) at or near idle speed to check oil pressure and look for gasket leaks. The process is fast and simple, but it lacks several other important aspects of determining engine quality. By running the engine "live," we are certain that the coolant is flowing properly through the block and oil is getting up to the bearings, rocker-arms, and camshaft. Experience has taught us that gaskets will not show evidence of leaking until the engine is up to full operating temperature. A spin-test will not raise the oil temperature high enough to truly determine if the gaskets and seals are doing the job. The majority of local machine shops are not equipped to perform either test.

Like high performance race-engine builders, we perform a hot-test on each and every remanufactured engine to assure the installer and the boat owner that the replacement engine they have selected will be a dependable performer. Very few remanufacturing operations have the ability to actually Hot-Test a longblock engine assembly, but we do!!

At ***QUICKSILVER REMANUFACTURING*** we are proud to provide the best!

ENGINE IDENTIFICATION SHEET

4.3L ENGINE IDENTIFICATION

MERCURY Remanufacturing

"Identification Tips" for MerCruiser 4.3L Longblocks

1986 – 1992 14149R5

Non-balance shaft, with a mechanical fuel pump, a roller camshaft, and one piece rear seal.

A. Easily identified by metal 10 bolt short front cover similar to 5.7L.
B. Some non-balance shaft engines were produced without a manual fuel pump. This engine will fit either application with a fuel pump cover if manual fuel pump is not needed.
C. All 12 intake manifold bolts are at 90 degree angle to cylinder head machined surface.

1993– 1995 806347R5

Balance shaft, no mechanical fuel pump, roller camshaft one piece rear seal.

A. Easily identified by tall metal 10 bolt front cover different from 5.7L.
B. All 12 intake manifold bolts are at 90 degree angle to cylinder head machined surface.

1996– 1998 807736R5

Balance shaft, no mechanical fuel pump, roller camshaft, one piece rear seal, "Vortec" cylinder heads with rocker ball & stud valve train.

A. "Vortec" heads are easily identified. Only 2 bolts per corner on intake manifold. (8-total).
B. The older crankshafts rear-flange are **0.123" longer**, and have a small pilot bushing hole on the back side.
C. Plastic 6 bolt front cover.

1999– 2002 864256R05 (MPI) or 862757R01 (Carb/TBI)

Balance shaft, no mechanical fuel pump, roller camshaft, one piece rear seal, "Vortec" cylinder heads with roller rocker arm valve train.

A. "Vortec" heads are easily identified. Only 2 bolts per corner of intake manifold. (8-total).
B. The cylinder head actually went to the "roller rocker arm" in 2000. Mercury Remanufacturing has elected to change coverage to coincide with the 1998/1999 crankshaft change as the customer would have to change flywheels to coincide with the crankshaft used. The 1999 customers will actually get a product improvement with the roller rocker arms and will not have to make any changes to their current parts.
C. The crankshaft has a **0.123" shorter** rear flange and larger pilot bushing than previous versions.
D. Plastic 6 bolt front cover.

5.0 / 5.7L ENGINE IDENTIFICATION

MERCURY Remanufacturing

"Identification Tips" for MerCruiser 5.0L & 5.7L Longblocks

Over the years there have been several changes to the GM 5.0-Liter and 5.7-Liter engine blocks. Often making it difficult to positively identify which version a technician is working on, and the appropriate parts required too complete any necessary repairs. Hopefully, this will help to take some of the mystery out of the identification process.

1986 & Earlier

A. All 12 of the intake manifold bolts are installed at a 90-degree angle to the block.
B. The valve cover bolts are installed at the perimeter of the head.
C. Crankshafts utilize a 2-piece rear-main seal.
D. These blocks are machined to operate a mechanical fuel pump.

Note: In 1986 there was a limited production run with a one-piece rear-main seal, perimeter valve-cover bolts, and 90-degree bolt pattern for the intake manifold.

1987 thru 1995

A. 8 of the 12 intake manifold bolts are installed at a 90-degree angle to the block. The other 4 bolts are installed at a 72-degree angle.
B. The valve cover bolts are installed in the center of the head.
C. Crankshafts utilize a 1-piece rear-main seal.
D. These blocks are machined to operate a mechanical fuel pump.

Note: During 1996 and 1997 the 350-Magnum (carb) and a limited production of the 5.7-Liter EFI throttle body utilized this (non-Gen+) designed roller-cam engine.

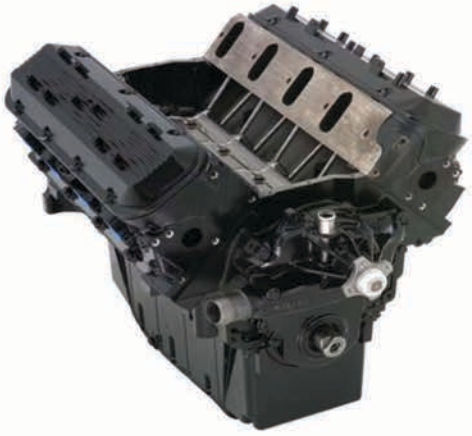
1996 & Newer (Gen+)

A. All 8 intake manifold bolts are installed vertically. (Straight-up and down)
See MerCruiser Service Bulletin # 97-1 for proper torque procedures and specification.
B. The valve cover bolts are installed in the center of the head.
C. Crankshafts utilize a 1-piece rear-main seal.
D. Timing covers are plastic.
E. Engines are fit with electric fuel pumps.

Note 1: During 1996 and 1997 the 350-Magnum (carb) and a limited production of the 5.7- Liter EFI throttle body utilized the 1987 thru 1995 engine block as stated above.

BIG BLOCK ENGINE IDENTIFICATION

Identification tips for MerCruiser Big Block Engines.



1991 and earlier Mark IV 454/7.4L

Two piece rear main seal on crankshaft, ¾ in pipe plug in the front and rear of each cylinder head, stamped steel 10 bolt front cover. Stamped Steel valve covers, flat tappet camshaft

1991-1996 Gen V 454/7.4L & 502/8.2L

One piece rear main seal, 10 bolt stamped steel front cover, flat tappet camshaft, cast aluminum valve covers.

1996-2002 Gen VI 454/7.4L & 502/8.2L

One piece rear main seal, 6 bolt cast aluminum front cover, roller camshaft, cast aluminum valve covers

2002-2008 496/8.1L

One piece rear main seal, cast aluminum valve covers with coil bracket mounts, crankshaft position sensor at rear of crankcase, roller camshaft, cast aluminum oil pan.

OIL PRIMING INSTRUCTIONS

Oil System Priming for Remanufactured Engines and Longblocks

All MerCruiser remanufactured 4-cycle engines and longblocks are temporarily fit with electrical, cooling, and fuel systems to perform a series of "Hot-Test" validations for quality control purposes. After the tests, the engine oil drains back into the pan and loses its lubrication value for the bearings, valve-train, and cylinder walls. As shipped, the remanufactured engine or longblock is therefore presumed to be dry.

IMPORTANT: This oil priming procedure is required for all remanufactured engines (including longblocks) prior to initial engine start-up to reduce the potential for premature bearing failures. Evidence of non-compliance could result in the denial of a warranty claim.

There are two methods to prime an engine prior to ignition. Although one is preferred, either may be used.

1. Prime using an engine oil priming tool (available at automotive parts stores; obtain locally). This is the preferred method.
2. Prime using a remote starter switch.

Remote Starter Switch	91- 52024A 1

Using an Engine Oil Priming Tool

1. Fill the engine crankcase to the proper level with the recommended synthetic blend engine oil.

Qty.	Description	Part Number
AR	Synthetic Blend MerCruiser Engine Oil, FC-W Certified, SAE 25W40	8M0086226

2. Remove the complete distributor assembly, being certain to mark it for proper reinstallation. Refer to the applicable MerCruiser Service Manual for details.
3. Install the oil priming tool into the distributor bore and onto the oil pump shaft.
4. Rotate the oil pump with an electric drill until oil pressure registers on an oil pressure gauge. Oil pressure will typically register within two minutes of running the drill.
5. Remove the priming tool and reinstall the distributor according to instructions provided in the applicable MerCruiser Service Manual.

Using a Remote Starter Switch

1. Fill the engine crankcase to the proper level with the recommended synthetic blend engine oil.

Qty.	Description	Part Number
AR	Synthetic Blend MerCruiser Engine Oil, FC-W Certified, SAE 25W40	8M0086226

2. Remove all spark plugs.

   NOTE: Tag spark plug wires with temporary labels, as necessary to ensure that they are reconnected correctly.
3. Disconnect the coil wire from the distributor and connect it to a good ground.
   IMPORTANT: Ensure that the ignition key is in the OFF position.
4. Connect the remote starter switch to the large, 12 V terminal (typically a red battery cable) and the small terminal (yellow/red cable) on the starter motor.
   IMPORTANT: It is possible to perform this procedure using the boat's key switch instead of a remote starter switch. Should you choose this option, make certain that you disconnect the purple wire from the coil before turning the key. Protect the purple wire's connector with electrical tape to avoid accidentally grounding the wire.
5. Prime the oil pump and passages:
   a. Crank the engine for approximately 15-18 seconds.
   b. Let the starter motor cool down for one minute before cycling again.
   c. Repeat this process until oil pressure registers on an oil pressure gauge. Oil pressure will typically register within six or seven cycles of cranking and cooling the starter motor.
6. Remove the remote starter switch (or reconnect the purple wire to the ignition coil, if using the boat's key switch).
7. Install the spark plugs and plug wires.

   NOTE: Ensure that all plug wires are connected to the proper cylinders and that they are correctly routed. Remove any temporary labels.
8. Supply the seawater pump with cooling water.
9. Start the engine to verify oil pressure.

ENGINE BREAK-IN PROCEDURES

MERCURY Remanufacturing

"Break-In" Procedures for 4-cycle MerCruiser Engines

IMPORTANT: The first 20-hours of operation will have a dramatic affect relative to overall engine performance and expected engine life. Proper break-in practices reduce the potential for excessive oil consumption. It also helps to achieve better engine performance levels for a longer period of time.

FIRST 20-HOURS:

1. Do **NOT** operate the engine below 1500 rpm for extended periods of time. Shift into gear as soon as possible after starting the engine. Advance the throttle above 1500 rpm **if conditions permit safe operation.**
2. Do **NOT** operate at one continuous speed for extended periods of time. Vary the throttle position every ten to fifteen minutes.
3. Do **NOT** exceed ¾ throttle during the first 10 hours of operation. During the next 10 hours you may occasionally operate at full throttle for no more than 5-minutes as a time.
4. Do **NOT** operate at full throttle until the engine reaches normal operating temperatures.
5. Avoid full throttle acceleration from an IDLE speed.

AFTER FIRST 20-HOURS:

To help extend the engine life for a remanufactured MerCruiser engine, consider the following recommendations.

1. Install and maintain the correct propeller for the application. Make sure the prop allows the engine to operate at (or near) the top of its specified Wide-Open-Throttle rpm range. Refer to the Owner's Manual, or consult with your marine dealer to determine the correct prop for the application.
2. Refrain from extended periods of Wide-Open-Throttle. We recommend cruising at ¾ throttle or below for longer term operation.
3. Change the oil and filter regularly. Refer to the Specifications and Maintenance section of the MerCruiser Owners Guide for recommendations.

CORROSION - LOOK AND COMPARE

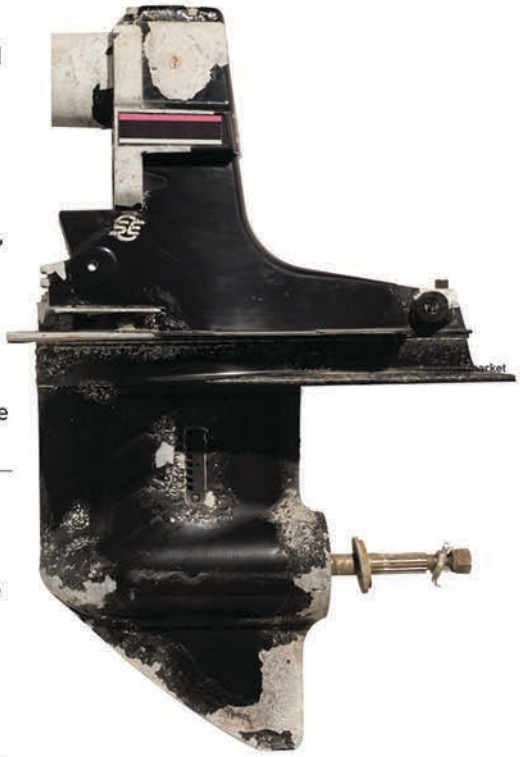
QUICKSILVER®
Marine Parts & Accessories

Invest in your fun.
Buy authentic Mercury MerCruiser Sterndrives

While aftermarket Sterndrives can cost less and fit like the originals, a recent lab test demonstrates the value of buying authentic Mercury MerCruiser Sterndrives.

Every day for one year, each drive was immersed in a swirling tide of saltwater in Mercury's Florida test facility pool, and then pulled out to air dry. After 52 weeks of exposure to the elements, the aftermarket drive exhibited markedly more paint flaking and corrosion. The corrosion is especially noticeable near the vulnerable engine mounting bracket.

Mercury's corrosion-resistant, low-copper aluminum alloy and superior paint protect the MerCruiser Alpha drive against paint flaking and disintegration, resulting in a still-shiny, protected drive at the end of 52 weeks of air and saltwater exposure.



Invest in your fun and buy Mercury Marine-made MerCruiser Sterndrives.

You get what you pay for.

MERCURY Remanufacturing

MERCRUISER STERNDRIVES - NEW

For more than 50 years the word "MerCruiser" has stood for sterndrive performance. Choose from more than 20 unique drive systems such as our Alpha One, the most popular sterndrive in the world, or our brawny Bravo Series drives. MerCruiser has the perfect drive system for you and your boat.

ALPHA DRIVES

ALPHA ONE – The Most Popular Sterndrive in the World. Single or twin applications up to 65 mph for gas engines up to 300 hp, Gen I and Gen II are available.

BRAVO DRIVES

BRAVO ONE – Great Performance Starts with Heart. Single, twin, triple applications over 100 mph for gas sterndrives up to 600 hp.

BRAVO TWO—Handle the Biggest Boats with Authority. Twin applications up to 55 mph for gas engines up to 450 hp.

BRAVO THREE-Efficient. Maneuverable. Unbeatable. Single or twin applications up to 65 mph for engines up to 525 hp.

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)

BRAVO ONE STERNDRIVE

Image not Available.

5-**5E31900UP**
Bravo One XR
1.35 ratio with dual water pickup
(s/n 0W240000 and up)

BRAVO ONE STERNDRIVE

5-**5E31200TP**
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.

BRAVO TWO STERNDRIVE

5-**5331600LP**
Bravo Two
2.00 ratio
(s/n 0W249999 and below)

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-**5441400LP**
Bravo Three
1.81 ratio
(s/n 0W249999 and below)

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-**5441300TP**
Bravo Three
1.65 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-**5H41300TZ**
Bravo Three XR, dual water pickup
1.65 ratio
(s/n 0W240000 and up)

BRAVO THREE STERNDRIVE

Image not Available.

5-**5H41400UP**
Bravo Three XR, dual water pickup
1.81 ratio
(s/n 0W240000 and up)

BRAVO THREE STERNDRIVE

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

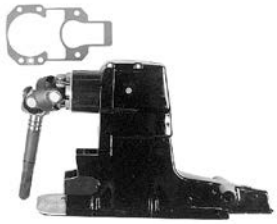
1547- **9412A20**
1.50 ratio
Fits MC-I, R, MR & Alpha One

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)

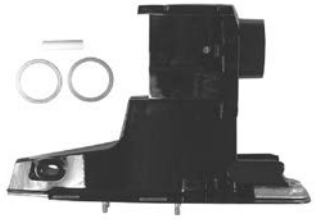
1500-**866459J04**
SeaCore
Fits Bravo III XR (2.00)

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

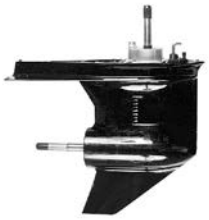
1623-**815822A53**
1.47, 1.62, 1.81 & 1.94 ratio
Standard Rotation (RH)
Fits Alpha One Gen II

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

VAZER GEAR HOUSING - COMPLETE



1623-**815822V03**
Fits Vazer

BRAVO ONE GEAR HOUSING - COMPLETE

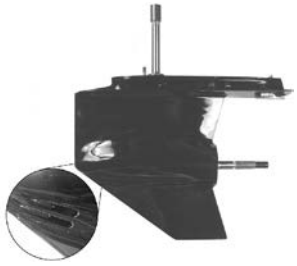
1656- **8866A63**
With dual water pickup
1.36, 1.50 & 1.65 ratio
Fits Bravo I (s/n 0D649909 & up) & I X drives

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 ONE GEAR HOUSING - COMPLETE



1656- **8866A80**
With heavy duty propshaft and low water pickup
Fits Bravo I XR (1.26)

1656- **8866A61**
With heavy duty propshaft and low 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- **8866G07**

1.36 & 1.50 ratio

Fits Bravo III (s/n 0D784124 and up) & III X

1656-**8M0046733**

1.36 & 1.50 ratio, dual water pickup

Fits Bravo III X (s/n 0W240000 & up)

1656- **8866G08**

1.65 ratio

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 X/XR (s/n 0W240000 & up)

1656- **8866G09**

1.81, 2.00 & 2.20 ratio

Fits Bravo III (s/n 0D784124 and up) & III X. Also fits Bravo III XR - 2.00 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- **8866G10**

2.43 ratio

Fits Bravo III (s/n 0D784124 and up) & III X

1656-**8M0046682**

2.43 ratio, dual water pickup

Fits Bravo III X (s/n 0W0240000 & up)

1656- **8866G06**

1.81 ratio

Fits Bravo III XR (s/n 0W240000 and up)

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)

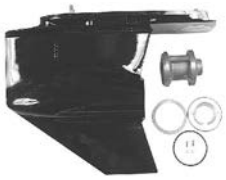
Fits Alpha One Gen II (s/n 0D469859-0F679999)

1623-**815822A36**

Standard or Counter Rotation

Fits Alpha One Gen II (s/n 0F680000 and up)

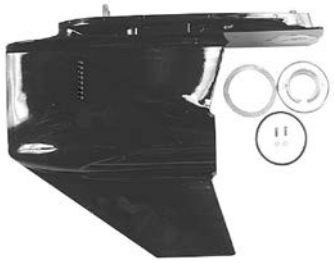
BRAVO ONE GEAR HOUSING



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

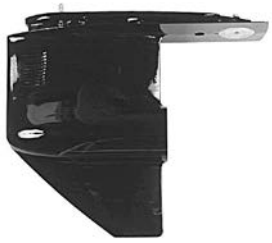
BRAVO ONE GEAR HOUSING

1656- **8866A54**

With low water pickup

Fits Bravo I Performance & XR/XZ

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

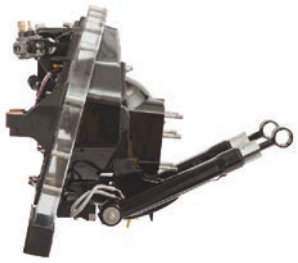
MERCRUISER TRANSOMS - NEW

The transom assembly is the least discussed component but inarguably, one of the most important. This holds true for every MerCruiser sterndrive application. Most people's repower focus is on the engine and sterndrive. However, the transom delivers the cooling water, manages the exhaust, serves as the primary engine mount, controls the steering, manages the trim system, delivers MerCathode corrosion protection, and serves as the conduit for speed and trim control. The transom also serves the important function of sealing seawater outside the boat.

When you consider the importance and value of this critical component, make sure to also consider the condition of your present transom assembly. Taking care of a transom during a repower may save from lost time on the water later.

TRANSOM ASSEMBLY - ALPHA

TRANSOM ASSEMBLY



6-**6010000CP**
1990 & older Alpha One

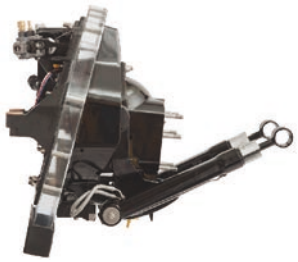
6010000DP
1991-1993 Alpha One Gen II

6-**6111002LP**
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

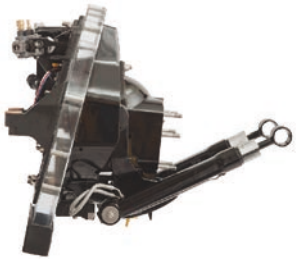
TRANSOM ASSEMBLY

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

TRANSOM ASSEMBLY

Image not Available.

6-**6A45002TP**
Bravo, SmartCraft - SeaCore Axius Gen I

INBOARD TRANSMISSION - NEW

These 100% new transmission assemblies are the best inboard transmission value on the market. Everything is ready to go to install for a complete repower using a bobtail Plus Series engine. The assemblies come boxed complete with the following already assembled with a fresh coat of paint:

- Cooler & lines
- Engine mounts
- Shift anchors
- Mounting hardware
- Fluid filled & tested

ZF/HURTH 45C DIRECT ACROSS

TRANSMISSION ASSEMBLY

Image not Available.

8M0139548

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.

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

896346701

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.

896346702

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.

896346703

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.

ZF/HURTH 630 V-DRIVE TRANSMISSION

TRANSMISSION ASSEMBLY

896346707

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 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.

896346709

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 DOWN ANGLE

TRANSMISSION ASSEMBLY

896346736

Completely dressed, brand new Down-Angle Inboard Transmission. Includes oil cooler, hoses and mounting harware.

Replaces Borg Warner 5000A Series Transmission with 1.50:1 Gear Ratio.

BORG WARNER / VELVET DRIVE DIRECT-ACROSS

TRANSMISSION ASSEMBLY

896346729

Completely dressed. Brand new 71C Coaxial inboard transmission with 4 forward gear clutches. Includes oil cooler, hoses, and mounting hardware. 4" output flange. Recommended for light boat applications (<5000#) with engines up to 320 HP.

Replaces Borg Warner 71C Series Direct Drive Transmission with 1.00 Gear Ratio on light boats using 5.7L & 6.2L small block engines.

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.

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.

896346731

Completely dressed. Brand new Coaxial inboard transmission with 4 forward gear clutches. Includes oil cooler, hoses, and mounting hardware. 5" output flange. Recommended for heavy boat applications (5000-20,000#) with engines up to 450 HP.

Replaces Borg Warner 72C Series Direct Drive Transmission with 1.00 Gear Ratio using 6.2L or big block engines.

896346732

Completely dressed. Brand new Coaxial inboard transmission with 4 forward gear clutches. Includes oil cooler, hoses, and mounting hardware. 5" output flange. Recommended for heavy boat applications (5000-20,000#) with engines up to 450 HP.

Replaces Borg Warner 72C Series Direct Drive Transmission with 1.50 Gear Ratio using 6.2L or big block engines.

INBOARD TRANSMISSIONS - REMAN

Mercury Remanufacturing provides a high-quality selection of ZF/Hurth and Borg Warner Transmissions. Every Transmission is completely disassembled, inspected, carefully cleaned and reassembled utilizing 100% OEM components. With a One-Year Factory Limited Warranty, Inboard Transmissions from Mercury Remanufacturing can be installed with complete confidence.

ZF / HURTH 630A DOWN ANGLE TRANSMISSIONS - REMAN

TRANSMISSION ASSEMBLY

863744R03

Remanufactured Down-Angle Inboard Transmission
Standard (right-hand) Rotation
Replaces ZF / Hurth HSW630A1 Transmissions with 2.00:1 Gear Ratio.

863744R04

Remanufactured Down-Angle Inboard Transmission
Standard (right-hand) Rotation
Replaces ZF / Hurth HSW630A1 Transmissions with 2.50:1 Gear Ratio.

863744R05

Remanufactured Down-Angle Inboard Transmission
Standard (right-hand) Rotation
Replaces ZF / Hurth HSW630A1 with 2.70:1 Gear Ratio.

ZF / HURTH 630 V-DRIVE TRANSMISSIONS -REMAN

TRANSMISSION ASSEMBLY

863745R03

Remanufactured V-Drive Inboards Transmission
Standard (right-hand) Rotation
Replaces ZF / Hurth HSW630V1 Transmissions with 2.00:1 Gear Ratio.

863745R04

Remanufactured V-Drive Inboard Transmission
Standard (right-hand) Rotation
Replaces ZF / Hurth HSW630V1 Transmissions with 2.50:1 Gear Ratio.

BORG WARNER / VELVET DRIVE DOWN-ANGLE - REMAN

REMANUFACTURED VELVET DRIVE TRANSMISSION

805495R60

Remanufactured Borg Warner
Down-Angle Transmission
5000A Series, 2.80:1 Gear Ratio

CROSS REFERENCE CHARTS

ENGINE LONGBLOCK CROSS REFERENCE CHARTS

MerCruiser 3.0L / 181 Longblock

New Quicksilver P/N	Reman Pro-Series
87956A 1	N/A
87959A 1	N/A
805047A 1	N.L.A.
815510A 1	8M0062850
805052A 1	8M0062850
855401A 1	N/A
861633A 1	N/A
862065A 1	N/A
862755A 1	N/A
862755A 2	N/A
863814A 1	N/A
864626A01	N/A
864626A02	N/A

MerCruiser 3.7L / 470 Longblock

New Quicksilver P/N	Reman Pro-Series
72775A 3	N.L.A.
72775A10	N.L.A.
72775A14	N.L.A.
72775A16	N.L.A.

MerCruiser 4.3L / 262 Longblock

New Quicksilver P/N	Reman Pro-Series
9556	14149R50
9690	14149R50
12178A 1	14149R50
12179A 1	14149R50
13409A 1	14149R50
13410A 1	14149R50
14148A 1	14149R50
14149A 1	14149R50
807735A 1	807736R50
861730A 1	807736R50
862756A 1	807736R50
862757A 1	N/A
864256A 1	8M0063328
806346A 1	806347R50
806347A 1	806347R50
879150A31	N/A

MerCruiser 5.0L / 305 Longblock

New Quicksilver P/N	Reman Pro-Series
14153A 1	805636R50
805636A 1	805636R50
861447A 1	N.L.A.
862068A 1	N.L.A.
862758A 1	N.L.A.
863660A 1	N.L.A.
863660A 2	N/A
864651A01	N.L.A.

MerCruiser 5.7L / 350 Longblock

New Quicksilver P/N	Reman Pro-Series
70867A 4	N.L.A.
73131A 3	N.L.A.
76211A 4	N.L.A.
78757A 3	N.L.A.
85400A 1	N.L.A.
87971A 1	N.L.A.
13415A 1	N.L.A.
14152A 1	883944R50
14155A 1	883944R50
14156A 1	N.L.A.
860186A 2	N.L.A.
864652A01	807449R50
821151A 1	807447R50
807447A 1	807447R50
806801A 1	807447R50
807449A 1	807449R 5
862070A 2	807449R50
862760A 2	807449R50
863661A 1	807449R50
807315A 1	883944R50
860183A 1	807447R50
807448A 1	807447R50
863661A 2	N/A
864652A01	807449R50
866138A03	N/A
866138A05	N/A

MerCruiser 6.2L / 377 Longblock

New Quicksilver P/N	Reman Pro-Series
862760A 5	N.L.A.
862760A 4	N.L.A.
865108A01	N.L.A.
863851A 3	N/A
865108A02	N/A
879288A06	N/A

MerCruiser 7.4L / 454 Longblock

New Quicksilver P/N	Reman Pro-Series
78764A 4	N.L.A.
85403A 1	N.L.A.
87974A 1	N.L.A.
15891A 1	N.L.A.
18706A 1	N.L.A.
76279A 3	N.L.A.
78526A 3	N.L.A.
85420A 1	N.L.A.
87989A 1	N.L.A.
76280A 3	N.L.A.
78527A 3	N.L.A.
85423A 1	N.L.A.
87992A 1	N.L.A.
818243A 1	N.L.A.
806352A 1	N.L.A.
806360A 1	N.L.A.
807744A 1	N.L.A.
807744A 3	N.L.A.
818242R 1	806351R50
806351A 1	806351R50
807162A 1	N.L.A.
807739A 1	N.L.A.
861097A 1	883281R50
861097A 2	883281R50
807161A 1	806351R50
805540A 1	806351R50
806359A 1	806351R50

MerCruiser 8.1L / 496 Longblock

New Quicksilver P/N	Reman Pro-Series
862762A 1	8M0086000
863815A 1	8M0086000
863815A02	8M0086000
865273A01	8M0086000
865519A01	8M0086000
865752A01	8M0086000
862764A 1	8M0086001
863817A 1	8M0086001
863817A02	8M0086001
865275A01	8M0086001
865521A01	8M0086001
865754A01	8M0086001

MerCruiser 8.2L / 502 Longblock

New Quicksilver P/N	Reman Pro-Series
805539A 1	8M0062846
806353A 1	8M0062846
806361A 1	8M0062846
807745A 1	8M0062846
807745A 3	8M0062846
807745A05	8M0062846
841178A 1	N.L.A.
841178A05	N.L.A.
844200A08	N.L.A.
844500A 8	N.L.A.
844575A 7	N.L.A.
848170R09	N.L.A.
8M0045344	N/A

DRIVESHAFT HOUSING CROSS REFERENCE CHARTS

MerCruiser Driveshaft Housings

New P/N	Reman P/N
5523A 2	N.L.A.
8265A15	N.L.A.
9412A20	N.L.A.
9412A22	N.L.A.
861063A10	N.L.A.
815930A15	N.L.A.
815930A 5	N.L.A.
861063A 8	N.L.A.
815930A14	N.L.A.
815930A 4	N.L.A.
861063A 6	N.L.A.
815930A13	N.L.A.
815930A 3	N.L.A.
863836A50	1589-863836R50
8868G93	1589-863836R50
8868G63	1589-863836R50
863836A51	1589-863836R51
8868G19	1589-863836R51
8868G11	1589-863836R51
863836A52	1589-863836R52
8868H88	1589-863836R52
8868G17	1589-863836R52
863836A67	1589-863836R67
863836A54	1589-863836R67
8868H82	1589-863836R67
863836A56	N.L.A.
8868H80	N.L.A.

MERCRUISER GEAR HOUSING CROSS REFERENCE CHART

MerCruiser Gear Housing Assembly

New P/N	Reman P/N
4110A 4	N.L.A.
4110A 6	N.L.A.
815822A 5	N.L.A.
815822A 7	N.L.A.
815822A32	N.L.A.
815822A33	N.L.A.
815822A43	N.L.A.

New P/N	Reman P/N
815822A47	N.L.A.
815822A53	N.L.A.
8294A16	1641- 8294R16
8866A15	1656- 8866R63
8866A20	1656- 8866R04
8866A35	1656- 8866R04
8866A63	1656- 8866R63
8866A67	1656- 8866R04
8866G04	1656- 8866R04
8951A23	N.L.A.
8951A26	N.L.A.
8951A33	N.L.A.
8951A43	N.L.A.

INBOARD TRANSMISSION CROSS REFERENCE CHARTS

MerCruiser Inboard Transmissions

New P/N	Reman P/N
ZF-Hurth Down Angle Transmissions	
18900A 1	N.L.A.
18901A 1	863744R03
18902A 1	863744R04
862220A 1	863744R05
863744T 3	863744R04
863744T 4	863744R04
863744T 5	863744R05
ZF-Hurth V-Drive Transmissions	
814437A 1	N.L.A.
814438A 1	863745R03
814439A 1	863745R04
863745T 2	N.L.A.
863745T 3	863745R03
863745T 4	863745R04
Borg-Velvet / Direct Across Transmission	
47805	N.L.A.
47806	N.L.A.
47810	N.L.A.
47811	N.L.A.
47805A 7	N.L.A.
47806A 7	N.L.A.
47810A19	N.L.A.
47811A 7	N.L.A.
Borg-Velvet / Down Angle Transmission	
805495A 4	N.L.A.
805495A 5	N.L.A.
805495A 6	N.L.A.
805495A 7	805495R60
Borg-Velvet / V-Drive Transmission	
807481A 5	N.L.A.
807481A 6	N.L.A.
807481A 7	N.L.A.

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48 - 13702A46 43
48 - 13703A46 43
48 - 13704A46 43
48 - 13705A46 43
48 - 13706A46 43
48 - 13707A46 43
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48 - 16314A46 42
48 - 16315A46 42
48 - 16316A46 42
48 - 16317A46 42
48 - 16318A46 42
48 - 16436A45 42
48 - 16436CP1 42
48 - 16438A45 42
48 - 16438CP1 42
48 - 16440A45 42
27 - 17145 77
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48 - 18281A46 43
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48 - 18608A 6 44
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48 - 18620A 6 43
48 - 18621A 6 43
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48 - 19841A46 43
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5 -5237200TP 89
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5 -5J37300TP 89

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