



THE REPOWER OF CHOICE

REPOWER GUIDE

A RESOURCE AID BROUGHT TO YOU BY MERCURY MERCUISER



NOTES:

FEATURES AND BENEFITS OF A MERCUISER ENGINE

Reliability

- Industry-Exclusive Dry-Joint Exhaust System
- Ceramic-Coated Exhaust Elbows
- Marine-Grade Motorola 555 ECM or PCM on fuel-injected engines
- Best-in-class closed-cooling on Horizon® models with three-year factory warranty
- Factory backed extended warranty available for a total of six years coverage
- Standard three year corrosion warranty

Performance

- Turn-Key Starting
- Antifeedback Power Steering
- Low Restriction Flame Arrestor for added horsepower and torque

Easy Ownership

- Easy Oil Drain System
- Easy Water Drain System
- All engines run on 87-Octane Fuel
- 300-hour maintenance intervals

Technology

- Digital Throttle & Shift (Optional on V-8 MPI engines)
- Smartcraft Digital Technology (MPI Engines)
- Engine Guardian/or Alarm System

FEATURES AND BENEFITS OF A MERCUISER DRIVE

- Power Trim XD - Maintains Boat Control in an Emergency
- Flo-Torq® II - Propeller hub saves drive after striking an object
- No Maintenance Permalube® U-Joints and Hinge Pins
- Drive Lube Monitor on all Sterndrives
- Greasable Gimbal Bearing and Drive Coupler - don't have to remove drive
- Armored Trim Lines - protected from debris
- Integrated Speedometer Tube - fewer drill holes and claptrap
- Trim Limit Switch - sets drive for best performance
- Through Prop Exhaust - best power and least noise
- Corrosion Fighting Built-in:
- Three - Year Corrosion Warranty
- MerCathode® – standard on Bravo, optional on Alpha
- XK-360 Low Copper Aluminum Alloy
- Tri-Paint System- Irridite, EDP, Powder Paint
- Ultra-Pure Aluminum Anodes and Magnesium Anode Kit

ADDITIONAL REQUIREMENTS TO DISCUSS WITH YOUR DEALER.

Any or all of these may need to be updated as you change your power: propeller, wiring harness, gauges (analog or SmartCraft), rigging (helm and remote controls), battery, exhaust hoses, fuel lines, water lines.

STERNDRIVES	SmartCraft	Horsepower	RPM Range	Displacement Liter/CID	Cylinders	Fuel System	Digital Throttle & Shift Option	Closed- Cooling	Water Drain System* (See description on opposite page.)		Drive Options	Total Weight (lb/kg)
									Alpha	Bravo/Inboard		
496 MAG High Output (HO)	Yes	425 hp (317 kW)	4600-5000	8.1/496	V-8	MPI	Yes	Standard	N/A	Standard	Bravo One X, XR Bravo Two X, XR Bravo Three X, XR	1199/544 1214/551 1224/556
496 MAG	Yes	375 hp (280 kW)	4400-4800	8.1/496	V-8	MPI	Yes	Standard	N/A	Standard	Bravo One X, XR Bravo Two X, XR Bravo Three X, XR	1199/544 1216/553 1225/557
▼ MX 6.2 MPI Horizon	Yes	320 hp (239 kW)	4800-5200	6.2/377	V-8	MPI	Yes	Standard	N/A	Standard	Bravo One Bravo Two Bravo Three	1044/475 1016/482 1070/486
MX 6.2 MPI	Yes	320 hp (239 kW)	4800-5200	6.2/377	V-8	MPI	Yes	Kit	N/A	Optional	Bravo One Bravo Two Bravo Three	993/451 1010/459 1019/463
▼ 350 MAG MPI Horizon	Yes	300 hp (224 kW)	4800-5200	5.7/350	V-8	MPI	Yes	Standard	N/A	Standard	Bravo One Bravo Two Bravo Three	1044/475 1061/482 1070/486
350 MAG MPI	Yes	300 hp (224 kW)	4800-5200	5.7/350	V-8	MPI	Yes	Kit	Standard	Optional	Alpha Bravo One Bravo Two Bravo Three	952/433 993/451 1010/459 1019/463
5.0 MPI	Yes	260 hp (194 kW)	4600-5000	5.0/305	V-8	MPI	Yes	Optional or Kit	Standard	Optional	Alpha Bravo One Bravo Two Bravo Three	952/433 993/451 1010/459 1019/463
5.7L	No	250 hp (186 kW)	4400-4800	5.7/350	V-8	TKS Carb	No	Kit	N/A	N/A	Alpha Bravo One Bravo Two Bravo Three	946/430 987/449 1004/456 1013/460
5.0L	No	220 hp (164 kW)	4400-4800	5.0/305	V-8	TKS Carb	No	Kit	N/A	N/A	Alpha Bravo One Bravo Two Bravo Three	946/430 987/449 1004/456 1013/460
4.3 MPI	Yes	220 hp (164 kW)	4400-4800	4.3/262	V-6	MPI	No	Optional or Kit	Standard	Optional	Alpha Bravo Two Bravo Three	865/393 912/414 921/419
4.3L	No	190 hp (142 kW)	4400-4800	4.3/262	V-6	TKS Carb	No	Optional or Kit	N/A	N/A	Alpha Bravo Two Bravo Three	848/385 893/405 902/410
3.0L	No	135 hp (101 kW)	4400-4800	3.0/181	Inline-4	TKS Carb	No	Optional or Kit	Standard	N/A	Alpha	635/288

INBOARDS	SmartCraft	Horsepower	RPM Range	Displacement Liter/CID	Cylinders	Fuel System	Digital Throttle & Shift Option	Closed- Cooling	Water Drain System* (See description below.)		Drive Options	Total Weight (lb/kg)
									Alpha	Bravo/Inboard		
8.1S High Output (HO)	Yes	420 hp (313 kW)	4400-4800	8.1/496	V-8	MPI	Yes	Standard	N/A	Standard	N/A	1130/513
▼ 8.1S Horizon	Yes	370 hp (276 kW)	4200-4600	8.1/496	V-8	MPI	Yes	Standard	N/A	Standard	N/A	1130/513
▼ MX 6.2 MPI Horizon	Yes	320 hp (239 kW)	4600-5000	6.2/377	V-8	MPI	Yes	Standard	N/A	Standard	N/A	948/431
MX 6.2 MPI	Yes	320 hp (239 kW)	4600-5000	6.2/377	V-8	MPI	Yes	Optional	N/A	Optional	N/A	860/390
▼ 350 MAG MPI Horizon	Yes	300 hp (224 kW)	4600-5000	5.7/350	V-8	MPI	Yes	Standard	N/A	Standard	N/A	940/427
350 MAG MPI	Yes	300 hp (224 kW)	4600-5000	5.7/350	V-8	MPI	Yes	Optional	N/A	Optional	N/A	860/390
5.7L	No	260 hp (194 kW)	4200-4600	5.7/350	V-8	MPI	No	Kit	N/A	N/A	N/A	888/400
TOW SPORTS INBOARDS												
▼ MX 6.2 Black Scorpion	Yes	340 hp (254 kW)	4800-5200	6.2/377	V-8	MPI	No	N/A	N/A	Optional	N/A	821/373
Black Scorpion	Yes	330 hp (246 kW)	4800-5200	5.7/350	V-8	MPI	No	N/A	N/A	Optional	N/A	821/373
350 MAG MPI	Yes	315 hp (235 kW)	4600-5000	5.7/350	V-8	MPI	No	N/A	N/A	Optional	N/A	813/369
5.7L	No	270 hp (201 kW)	4400-4800	5.7/350	V-8	TKS Carb	No	N/A	N/A	N/A	N/A	833/379
RACING STERNDRIVES												
HP1075 SCi	Yes	1075 hp (802 kW)	5600-6000	9.1/557	V-8	Sequential Fuel Injection	No	N/A	N/A	N/A	Dry-Sump Six	1720/782
HP850 SCi	Yes	850 hp (634 kW)	5500-5800	9.1/557	V-8	Sequential Fuel Injection	No	N/A	N/A	N/A	Dry-Sump Six	1720/782
HP600 SCi	Yes	600 hp (447 kW)	4800-5200	8.2/502	V-8	Sequential Fuel Injection	No	Standard	N/A	N/A	Bravo One XR Bravo One XR Sport Master Dry-Sump Six	1267/575
HP525 EFI	Yes	525 hp (410 kW)	4800-5200	8.2/502	V-8	Sequential Fuel Injection	No	Standard	N/A	N/A	Bravo One XR Bravo One XR Sport Master Bravo Three XR, Dry-Sump Six	1201/545

▼ Horizon models and the MX 6.2 Black Scorpion tow sports inboard are covered by a three-year limited warranty.

**For engine registrations outside the United States and Canada, local market warranty length will apply and in no case will this be less than two years for Horizon models and the MX 6.2 Black Scorpion tow sports inboard in certified and noncertified boat brands.

General Notes

- Approximate engine and drive weights. Individual units may vary slightly.
- Option availability determined by boat manufacturer within its boat model offerings.
- Performance obtained and corrected in accordance with SAE J1228 crankshaft power.
- All models and specifications are subject to change without notice or without incurring obligations to modify previously manufactured products.

*MerCruiser offers a variety of easy water drain systems depending upon application, design and in some cases by boat model. The Alpha drain systems typically involve turning a handle or removing quick-connect hoses to drain. The Bravo/Inboard water drain systems are also found on most closed-cooled models and are activated by pressurized air. Some OEM customers request these systems be removed.

PICK YOUR ENGINE / DRIVE

Now that you have selected the Engine Power Package of your choice, feel free to visit our website at mercurymarine.com for even more information and then call one of the 4,000 plus local MerCruiser authorized dealers for a price quote.

Please have the following information ready to aid your dealer:

- Boat year, manufacturer and length
- Engine manufacturer, model and serial number
- Salt or freshwater boat usage

Thank you, and please let us know if we can be of assistance.

FREQUENTLY ASKED QUESTIONS

Q: Can I use my existing sterndrive with a new MerCruiser engine?

A: The answer is sometimes yes and sometimes no; your dealer can discuss the compatibility of your drive and the need of a transom adaptor and possible fiberglass work.

Q: Do I need to replace my rigging, controls, harnesses and gauges when I repower?

A: Many times the feel and the way you perceive the performance can be directly related to the rigging and gauge systems in your vessel. Please take the time to review your entire system with your dealer, who will be happy to explain the need or benefit of changing these important components.

Q: What can I expect if I am replacing a competitor's engine power package with a MerCruiser?

A: The need to change mounting hardware, engine brackets, a transom adaptor and/or glasswork is always possible. As this is not always the case, please consult your dealer.

Q: Who do I contact for an estimate on my repower?

A: Please visit mercurymarine.com or call 800-MERCURY to find an authorized dealer near you.

Q: I found an engine on the internet, should I buy it there?

A: There is nothing wrong with trying to find the best value for your needs, however remember; "if it is too good to be true, then it probably isn't true." Do your homework, refer to the section "What is Included in a New MerCruiser Engine Package" and verify you are getting what you think you are.

NOTES: