

WARRANTY INFORMATION

 SERVICE INFORMATION

Engine Specifications

Model: MX 6.2 MPI Sterndrive

Engine

Propshaft Power	320 hp (239 kW)
Displacement	377 cid (6.2L)
Engine Type / Rotation	V8 Gen+ / LH
Bore x Stroke	4.00 in. x 3.75 in. (101.6 mm x 95.3 mm)
Compression Ratio	9.0:1
Compression Pressure	Minimum 100 psi (690 kPa)
Oil Pressure @ 2000 RPM	Minimum 30 psi (207 kPa)
Oil Pressure @ Idle RPM	Minimum 4 psi (28 kPa)
Valve Adjustment / Lifter	$\frac{3}{4}$ - 1 Turn Down From '0' Lash / Roller
Thermostat	160° F (71° C)

Ignition

Type of Ignition System	Mercury Marine Distributor
Firing Order	1-8-4-3-6-5-7-2
Spark Plug Type	Original: AC-MR43LTS Others: NGK BPR6EFS, Champion RS12YC
Spark Plug Gap	.045 in. (1.1 mm)
Initial Ignition Timing	8° BTDC in Service Mode

Electrical

Alternator	70 Amps
Battery Required	Minimum 550 cca or 700 mca (120 Ah), 12V Negative (-) Ground

Fuel

Type of Fuel System	Multi-Port Fuel Injection with Electric Fuel Pump
Fuel Required	Minimum 87 Octane [R+M/2] / (90 RON)
Fuel Pressure	30 psi (207 kPa)

RPM

Idle RPM	600 RPM in Neutral Gear
Full Throttle RPM	4800-5200 RPM

Carburetor

Preliminary Idle Mixture	N/A
Float Level	N/A
Float Drop	N/A
Choke Unloader/Pull-Off	N/A
Choke Setting	N/A

Fluid Capacities

Oil Change with Filter	Approx. 5-1/2 US Quarts (5.25L)
Closed Cooling System	20 US Quarts (19.0L)
Sterndrive Gear Lube	Same as before
MIE Transmission	N/A

Torque Specifications

Exhaust Manifold or Elbow	33 lb-ft (45 Nm)
Intake Manifold	133 lb-in. (15 Nm)
Cylinder Head	Same as 350 MAG MPI, See Service Manual #24
Flywheel	75 lb-ft (100 Nm)
Flywheel Coupler/Drive Plate	35 lb-ft (48 Nm)
Connecting Rod Nut	36 lb-ft (49 Nm)

Engine Specifications

Model: MX 6.2 MPI Inboard

Engine

Propshaft Power	320 hp (239 kW)
Displacement	377 cid (6.2L)
Engine Type / Rotation	V8 Gen+ / LH
Bore x Stroke	4.00 in. x 3.75 in. (101.6 mm x 95.3 mm)
Compression Ratio	9.0:1
Compression Pressure	Minimum 100 psi (690 kPa)
Oil Pressure @ 2000 RPM	Minimum 30 psi (207 kPa)
Oil Pressure @ Idle RPM	Minimum 4 psi (28 kPa)
Valve Adjustment / Lifter	$\frac{3}{4}$ - 1 Turn Down From '0' Lash / Roller
Thermostat	160° F (71° C)

Ignition

Type of Ignition System	Mercury Marine Distributor
Firing Order	1-8-4-3-6-5-7-2
Spark Plug Type	Original: AC-MR43LTS Others: NGK BPR6EFS, Champion RS12YC
Spark Plug Gap	.045 in. (1.1 mm)
Initial Ignition Timing	8° BTDC in Service Mode

Electrical

Alternator	70 Amps
Battery Required	Minimum 550 cca or 700 mca (120 Ah), 12V Negative (-) Ground

Fuel

Type of Fuel System	Multi-Port Fuel Injection with Electric Fuel Pump
Fuel Required	Minimum 87 Octane [R+M/2] / (90 RON)
Fuel Pressure	30 psi (207 kPa)

RPM

Idle RPM	600 RPM in Neutral Gear
Full Throttle RPM	4600-5000 RPM

Carburetor

Preliminary Idle Mixture	N/A
Float Level	N/A
Float Drop	N/A
Choke Unloader/Pull-Off	N/A
Choke Setting	N/A

Fluid Capacities

Oil Change with Filter	Approx. 5-1/2 US Quarts (5.25L)
Closed Cooling System	20 US Quarts (19.0L)
Sterndrive Gear Lube	N/A
MIE Transmission	By Transmission Model

Torque Specifications

Exhaust Manifold or Elbow	33 lb-ft (45 Nm)
Intake Manifold	133 lb-in. (15 Nm)
Cylinder Head	Same as 350 MAG MPI, See Service Manual #24
Flywheel	75 lb-ft (100 Nm)
Flywheel Coupler/Drive Plate	35 lb-ft (48 Nm)
Connecting Rod Nut	36 lb-ft (49 Nm)

Engine Specifications

Model: MX 6.2 Black Scorpion Ski Inboard

Engine

Propshaft Power	340 hp (254 kW)
Displacement	377 cid (6.2L)
Engine Type / Rotation	V8 Gen+ / LH
Bore x Stroke	4.00 in. x 3.75 in. (101.6 mm x 95.3 mm)
Compression Ratio	9.0:1
Compression Pressure	Minimum 100 psi (690 kPa)
Oil Pressure @ 2000 RPM	Minimum 30 psi (207 kPa)
Oil Pressure @ Idle RPM	Minimum 4 psi (28 kPa)
Valve Adjustment / Lifter	$\frac{3}{4}$ - 1 Turn Down From '0' Lash / Roller
Thermostat	160° F (71° C)

Ignition

Type of Ignition System	GM EST Distributor
Firing Order	1-8-4-3-6-5-7-2
Spark Plug Type	Original: NGK BPR5EFVX Platinum
Spark Plug Gap	.035 in. (0.9 mm)
Initial Ignition Timing	8° BTDC in Service Mode

Electrical

Alternator	70 Amps
Battery Required	Minimum 550 cca or 700 mca (120 Ah), 12V Negative (-) Ground

Fuel

Type of Fuel System	Multi-Port Fuel Injection with Electric Fuel Pump
Fuel Required	Minimum 87 Octane [R+M/2] / (90 RON)
Fuel Pressure	30 psi (207 kPa)

RPM

Idle RPM	600 RPM in Neutral Gear
Full Throttle RPM	4800-5200 RPM

Carburetor

Preliminary Idle Mixture	N/A
Float Level	N/A
Float Drop	N/A
Choke Unloader/Pull-Off	N/A
Choke Setting	N/A

Fluid Capacities

Oil Change with Filter	Approx. 5-1/2 US Quarts (5.25L)
Closed Cooling System	N/A
Sterndrive Gear Lube	N/A
MIE Transmission	By Transmission Model

Torque Specifications

Exhaust Manifold or Elbow	33 lb-ft (45 Nm)
Intake Manifold	133 lb-in. (15 Nm)
Cylinder Head	Same as 350 MAG MPI, See Service Manual #24
Flywheel	75 lb-ft (100 Nm)
Flywheel Coupler/Drive Plate	35 lb-ft (48 Nm)
Connecting Rod Nut	36 lb-ft (49 Nm)