

Engine And Tune-Up Specifications

MCM (Sterndrive) Models

Models	5.0 L MPI	350 MAG MPI Horizon	350 MAG MPI	MX 6.2 MPI	MX 6.2 MPI Horizon
Propshaft Horsepower	260 ¹	300 ¹		320 ¹	
Propshaft Kilowatts	194	224 ¹		238 ¹	
Number of Cylinders	V8				
Displacement	5.0 l (305 cid)	5.7 l (350 cid)		6.2 l (377 cid)	
Bore/Stroke in. (mm)	3.74 x 3.48 (95 x 88.4)	4.0 x 3.48 (101.6 x 88.4)		4.0 x 3.75 (101.6 x 95.25)	
Compression Ratio	9.4:1	9.3:1		9.0:1	
Compression Pressure	Minimum 100 psi (670 kPa) ⁴				
Specified WOT rpm Range ²	4600-5000			4800-5200	
Idle rpm in NEUTRAL ²	600 rpm ³				
Oil Pressure @ 2000 rpm ⁵	Minimum 124 kPa (18 psi)				
Oil Pressure @ Idle ⁵	Minimum 55 kPa (4 psi)				
Fuel Pressure (1800 rpm)	296 kPa (43 psi)				
Thermostat	71 degrees C (160 degrees F)				
Firing Order	1-8-4-3-6-5-7-2				
Electrical System	12-Volt Negative (–) Ground				
Alternator Rating - Hot Operating Amps	65 Amps				
Alternator Rating - Cold Operating Amps	72 Amps				
Minimum Recommended Battery Rating	550 cca / 825 mca / 150 Ah				
Spark Plug Type	AC Platinum (AC 41-932)				
Spark Plug Gap	0.060 in.				

¹ Power rated in accordance with NMMA (National Marine Manufacturers' Association) rating procedures.

² Measured using an accurate service tachometer, with the engine at normal operating temperature.

³ Idle speed on EFI models is not adjustable.

⁴ Minimum recorded compression in any one cylinder should not be less than 70 percent of the highest recorded cylinder.

⁵ Oil pressure must be checked with the engine at normal operating temperature.