



MERCURY
PERFORMANCE OUTBOARDS

service bulletin

No. 94-6

225 (2.5L) Hi-Performance Outboard Specifications

MODEL	225 (2.5L) HP
Weight	350 lbs. (159 kg)
Propshaft Horsepower (Kilowatts)	225 hp (168)
Displacement	153 CID (2530 cc)
Bore Type	Cast Iron
Bore	3.5 in. (89 mm)
Stroke	2.65 in. (67 mm)
Idle RPM in Gear (Neutral)	650 ± 50
Full Throttle RPM Range	6200-6500
Maximum Spark Advance	25° BTDC
Idle Pick-up Timing	0° to 9° ATDC
Firing Order	1-2-3-4-5-6
Ignition	Capacitor Discharge
Spark Plugs	NGK BU8H (<i>Note: BUZ8H plug can be used if RFI is encountered with other equipment in boat</i>)
Compression Ratio	6.4:1
Compression Pressure	130 psi (896 kPa)
Fuel Recommendation	89 Min. Posted Octane (R + M) ÷ 2 or 98 RON - Unleaded
Oil Recommendation	Quicksilver NMMA Certified TC-W3 Two Cycle Oil
Gasoline/Oil Ratio	50:1 During Break-in
Oil Injection	Standard
Fuel Pressure - @ Idle - @ WOT	2 psi 8 psi
Fuel Line Pressure @ Injectors	36-39 psi (248-269 kPa)
Induction System	Digital (EFI) Electronic Fuel Injection
Reeds	7 Pedal
Charging System Output	40 amp (564 watt) W/Dual Voltage Regulators
Starter Draw	Under Load = 175 Amperes No Load = 40 Amperes
Battery Rating	Min. Reserve Cap. Rating of 100 Minutes and Cold Cranking Amperage of 350 Amperes
Water Pressure @ RPM	12 PSI Min. @ 5500 RPM
Gear Ratio	1.87:1
Recommended Gear Lube & Capacity	Quicksilver Hi-Perf. Gear Oil (92-816026A4) 22.5 fl. oz. (666 ml)
Transom Height	20 in. (508 mm)