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New 4.3L MPI, 180 HP Models

Models Affected

Models Covered	Serial Number
4.3L MPI	2A457710 and above
4.3L MPI ECT	2A457825 and above

Scope

Worldwide

Situation

Mercury MerCruiser has released for sale two new 180 HP, 4.3L MPI models. These engines are available with the Alpha sterndrive and raw water cooling. Options are: 4.3L MPI with a 0 inch riser or a 1.7 inch riser. A 4.3L MPI ECT with a 0 inch riser or a 2 inch riser.



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4.3L MPI ECT, 180 HP Model

NOTE: Performance specifications are obtained and corrected in accordance with SAE J1228/ISO 8665 crankshaft power.

All measurements are taken with the engine at normal operating temperature.

RPM range is measured using an accurate service tachometer with the engine at normal operating temperatures.

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

NOTE: Oil pressure specifications are for reference and may vary.

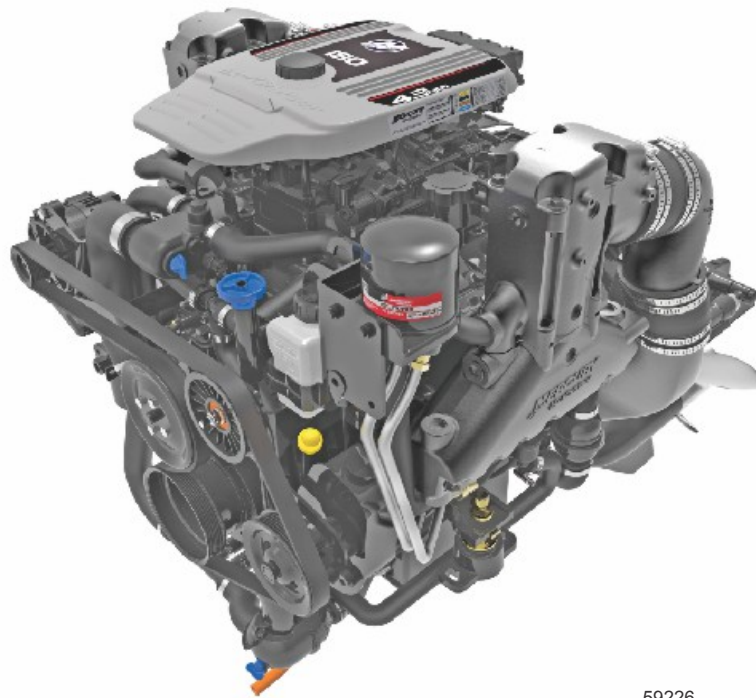
IMPORTANT: Do not mix spark plug types in an engine. All spark plugs should have the same part number.

Propeller shaft power		134 kW (180 hp)
Displacement		4.3L (262 cid)
Alternator amperage	Hot	72 A
	Cold	65 A
RPM	WOT	4400–4800
	Rev limiter	4950
	Idle in neutral	625 (not adjustable)
	Idle in gear	650 (not adjustable)
Minimum oil pressure	At 2000 RPM	124 kPa (18 psi)
	At idle	41 kPa (6 psi)
Thermostat	Seawater cooled	60 °C (140 °F)
Ignition timing		Not adjustable
Firing order		1-6-5-4-3-2
Minimum battery rating	Non-DTS models	750 CCA, 950 MCA, 180 Ah
Spark plug type	Factory installed	AC Platinum (AC 41-101)
	Service	NGK (ITAR4A15)
Spark plug gap		1.5 mm (0.060 in.)
Emission control system		Electronic control (EC), heated oxygen sensor (HO2S), catalyst

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4.3L MPI, 180 HP Model



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NOTE: Performance specifications are obtained and corrected in accordance with SAE J1228/ISO 8665 crankshaft power. All measurements are taken with the engine at normal operating temperature. RPM range is measured using an accurate service tachometer with the engine at normal operating temperatures. Oil pressure must be checked with the engine at normal operating temperature.

NOTE: Oil pressure specifications are for reference and may vary.

IMPORTANT: Do not mix spark plug types in an engine. All spark plugs should have the same part number.

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Propeller shaft power		134 kW (180 hp)
Displacement		4.3L (262 cid)
Alternator amperage	Hot	72 A
	Cold	65 A
RPM	WOT	4400–4800
	Rev limiter	4950
	Idle in neutral	600
Minimum oil pressure	At 2000 RPM	124 kPa (18 psi)
	At idle	41 kPa (6 psi)
Thermostat	Seawater cooled	60 °C (140 °F)
Ignition timing		Not adjustable
Firing order		1-6-5-4-3-2
Minimum battery rating	Non-DTS models	750 CCA, 950 MCA, 180 Ah
Spark plug type	Factory installed	AC Platinum (AC 41-101)
	Service	NGK (ITAR4A15)
Spark plug gap		1.5 mm (0.060 in.)
Emission control system		Electronic engine control (EC)

Service Support Material

Material	Existing 4.3L MPI
Service manuals	Use existing 4.3L MPI
Flat rates	Use existing 4.3L MPI
Special tools	Use existing 4.3L MPI
Maintenance schedule	Owner's manuals and installation manuals updated to acknowledge 180 HP models
Kits	Use existing 4.3L MPI, except no FWC kit
Electronic parts catalog	Updated to acknowledge 180 HP models

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