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MCM 3.0 Liter Thermostat Housing Bolt Torque Specification/ Addition of Loctite 271 Threadlocker

Models Affected

Models Covered	Serial Number Or Year
3.0 TKS—All Models	2A194277 and above
3.0 MPI—All Models	

Scope

Worldwide

Situation

The torque specification for the thermostat housing bolts on MerCruiser 3.0 liter TKS and MPI models has increased to 47 Nm (35 lb-ft) starting at serial number 2A194277. In addition to this torque change, Loctite 271 Threadlocker is applied to the threads of the thermostat housing bolts. This change will be reflected in the next revision of the service manual.

Dealer Parts Inventory


For boats and engines in inventory with the serial number 2A194276 and below, no change to the torque of the thermostat housing bolts is necessary.

Correction

If the thermostat housing bolts have become loose and water or coolant is leaking on serial number 2A194276 and below, remove and replace the thermostat housing gasket. Apply Loctite 271 Threadlocker to the threads of the bolts, install and tighten the bolts to the specified torque.

Description	Nm	lb-in.	lb-ft
Thermostat housing bolt (2)	47	–	35

Parts Required

Tube Ref No.	Description	Where Used	Part No.
 7	Loctite 271 Threadlocker	Threads of thermostat housing bolts	92-809819

Description	Product	Part number
Thermostat housing gasket	3.0 TKS closed cooling and standard cooling/3.0 MPI closed cooling	814680-1
Thermostat housing gasket	3.0 MPI standard cooling	8M2004290

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