

Thermostat Housing — 5.4L (4V)

Removal and Installation

1. Drain the engine cooling system. For additional information, refer to [Cooling System Draining, Filling and Bleeding](#) in this section.
2. Remove the degas bottle. For additional information, refer to [Degas Bottle](#) in this section.
3. Disconnect the Engine Coolant Temperature (ECT) sensor electrical connector.
4. Disconnect the 2 thermostat housing-to-intake manifold hoses and position them aside.
5. Disconnect the thermostat housing-to-lower radiator hose assembly and position it aside.
6. Disconnect the thermostat housing-to-oil filter adapter hose and position it aside.
7. Disconnect the thermostat housing-to-radiator hose and position it aside.
8. Remove the 2 nuts and the thermostat housing.
 - To install, tighten to 25 Nm (18 lb-ft).
9. **NOTE:** During installation, make sure all the hoses are fully seated against the stops.

To install, reverse the removal procedure.

10. Fill and bleed the cooling system. For additional information, refer to [Cooling System Draining, Filling and Bleeding](#) in this section.
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