

1. Drain the engine cooling system until the coolant level is below the thermostat.
2. Detach the lower radiator hose, the return hose and the degas bottle hose from the thermostat housing.
3. Remove the two mounting bolts, then remove the thermostat housing.
4. Remove the O-ring and thermostat from the housing. Discard the O-ring.

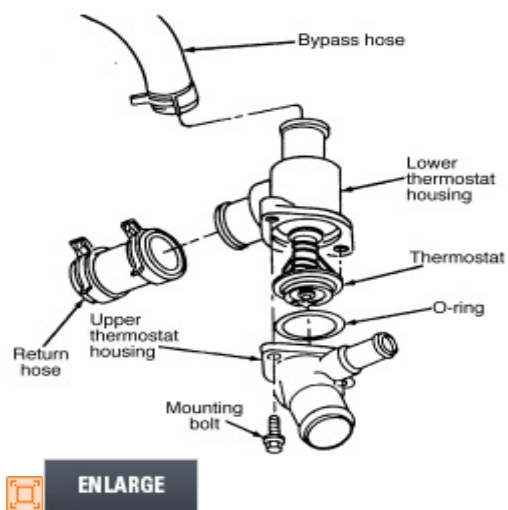


Fig. Exploded view of the thermostat and housing-4.6L engines

To install:

NOTE

To prevent installing the thermostat with an incorrect orientation, the housing contains a positioning slot. Install the thermostat so that the bridge part protrudes into the housing, not into the intake manifold.

1. Position the thermostat and a new O-ring on the housing, then install the housing.
2. Install the two mounting bolts, and alternately tighten them to:
 - a. 4.6L SOHC engines 15-22 ft. lbs. (20-30 Nm).
 - b. 4.6L DOHC engines 89 inch lbs. (10 Nm).
3. Connect the lower radiator hose, the return hose and the degas bottle hose to the housing.
4. Fill the cooling system, then start the engine and check for leaks.
5. If necessary, top off the cooling system overflow reservoir.

1. Drain the engine cooling system.
2. Remove the air cleaner outlet pipe.
3. Remove the 2 thermostat housing bolts and separate the lower and upper thermostat housings.
 - a. Discard the thermostat O-ring seal and remove the thermostat.

To install:

NOTE

Lubricate the O-ring seal with clean engine coolant.

1. Install a new thermostat with the smaller plate facing upward and the O-ring seal.
2. Position the lower and upper thermostat housings together and install the 2 bolts. Tighten to 89 inch lbs. (10 Nm).
3. Install the air cleaner outlet pipe.
4. Fill and bleed the cooling system.