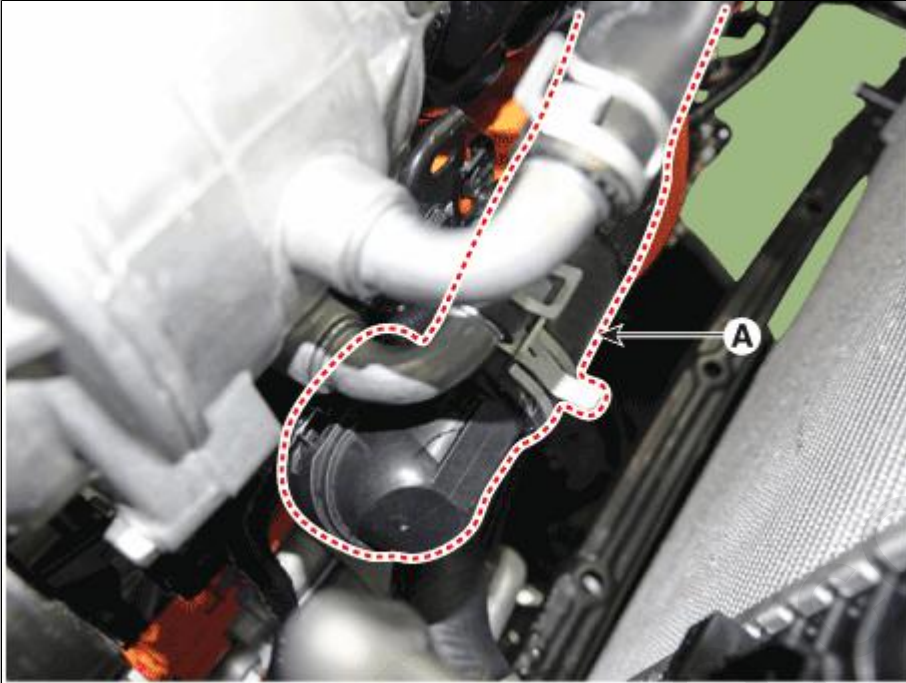


Removal and Installation

NOTICE

Disassembly of the thermostat would have an adverse effect, causing a lowering of cooling efficiency.

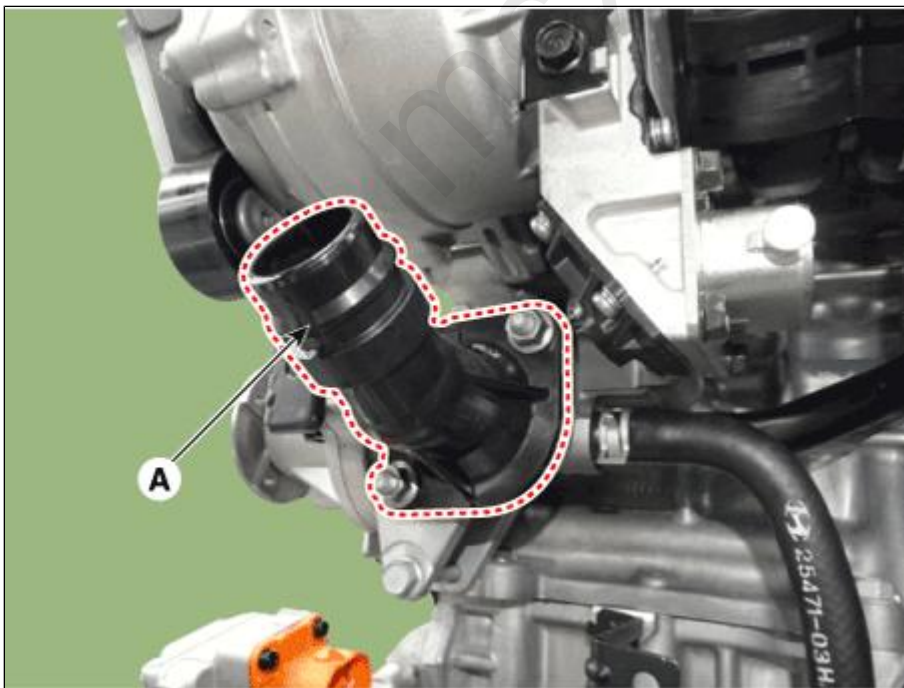
1. Drain the engine coolant so its level is below thermostat.
(Refer to Cooling System - "Coolant")
2. Disconnect the radiator lower hose (A).



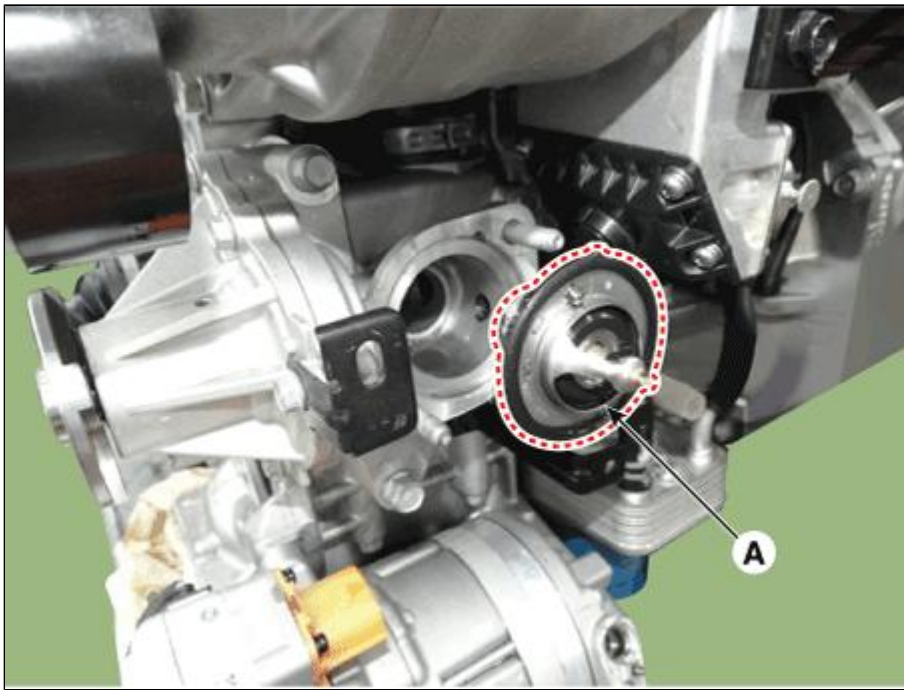
3. Remove the water inlet fitting (A).

Tightening torque :

18.6 - 23.5 N.m (1.9 - 2.4 kgf.m, 13.7 - 17.4 lb-ft)



4. Remove the thermostat (A).



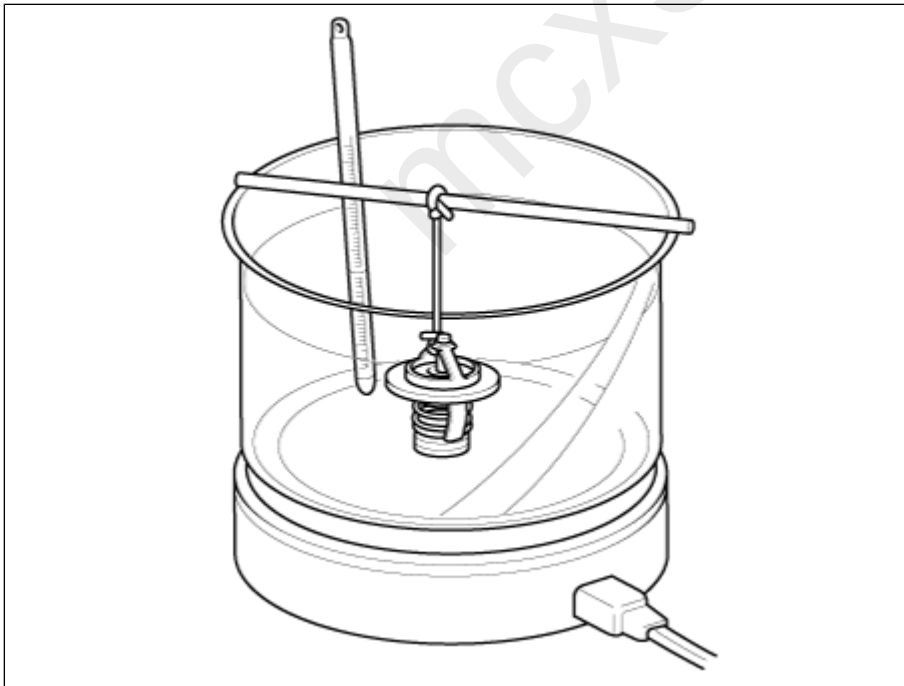
NOTICE

Install the thermostat with the jiggle valve upward.

5. Install in the reverse order of removal.
6. Fill the radiator with coolant and check for leaks.
(Refer to Cooling System - "Coolant")
7. Start engine and check for leaks.
8. Recheck the coolant level.

Inspection

1. Immerse the thermostat in water and gradually heat the water.



2. Check the valve opening temperature.

Valve opening temperature : $88 \pm 1.5^{\circ}\text{C}$ ($190.4 \pm 2.7^{\circ}\text{F}$)

Full opening temperature : 100°C (212°F)

If the valve opening temperature is not as specified, replace the WTC.

3. Check the valve lift.

Valve lift : 8 mm (0.3 in) or more at 100°C (212°F)

If the valve lift is not as specified, replace the WTC.

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