

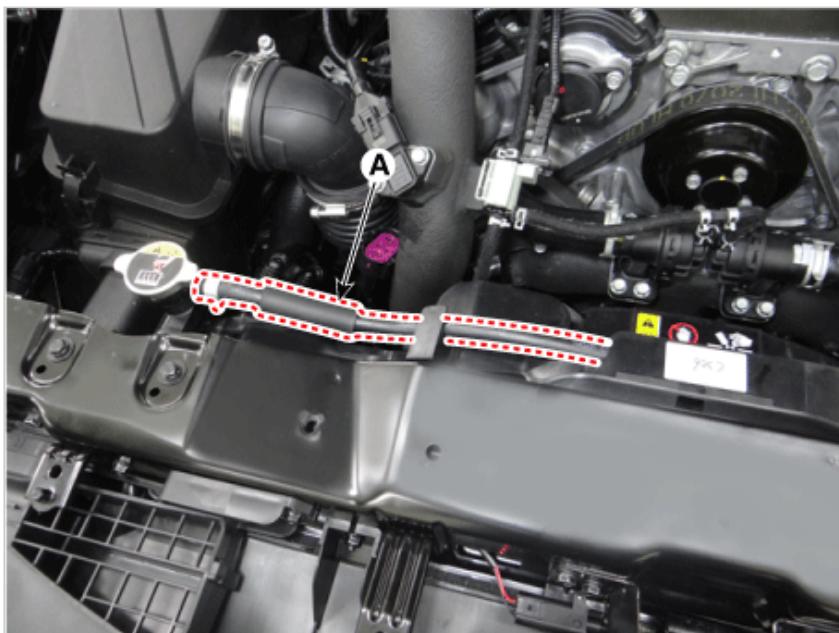


## Removal and Installation

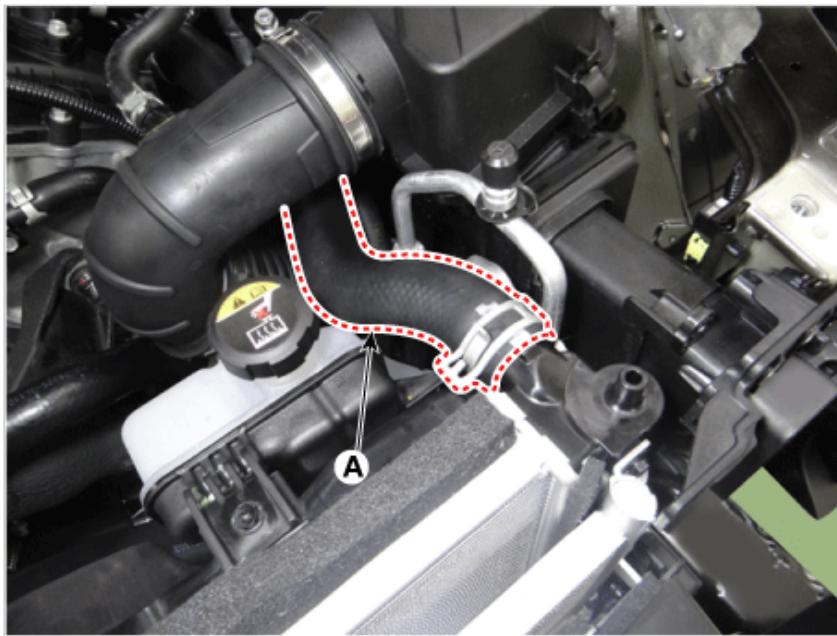
1. Disconnect the negative battery terminal.
2. Remove the engine room front under cover.  
**(Refer to Engine and Transmission Assembly - "Engine Room Under Cover")**
3. Drain the engine coolant.  
**(Refer to Cooling System - "Coolant")**
4. Remove the front bumper assembly.  
**(Refer to body (Interior and Exterior) - "Front Bumper Assembly")**
5. Disconnect the cooling fan connector (A).



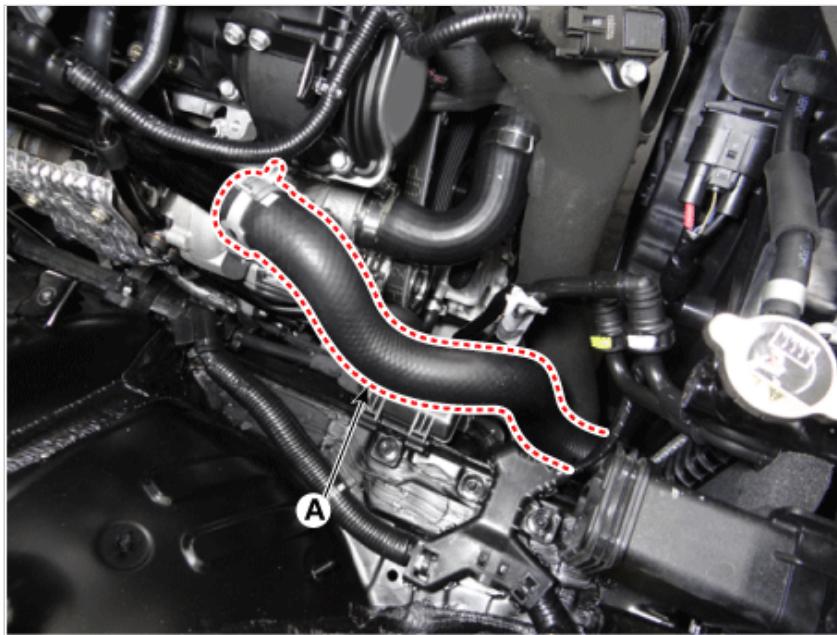
6. Disconnect the reservoir hose (A).



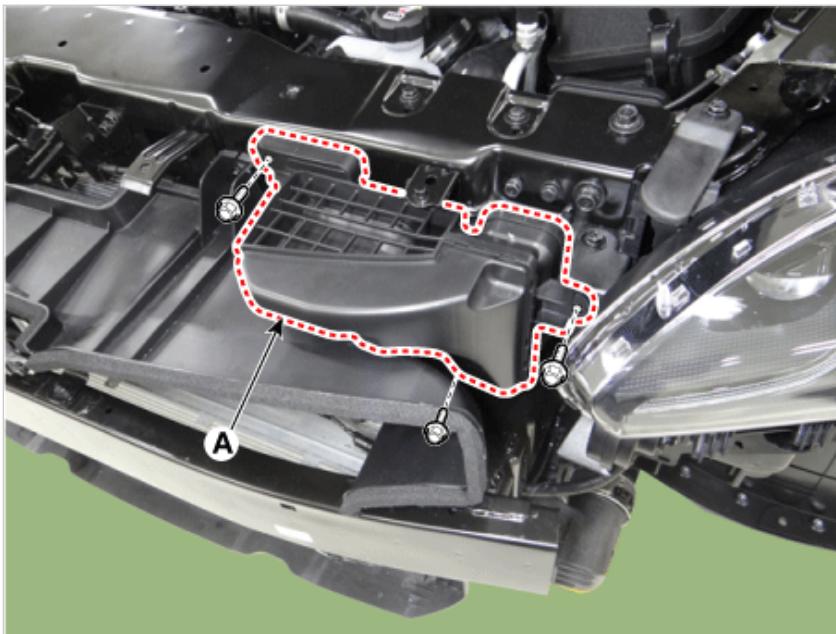
7. Disconnect the radiator upper hose (A).



8. Remove the RH air cleaner assembly.  
**(Refer to Intake and Exhaust System - "Air Cleaner")**
9. Disconnect the radiator lower hose (A).



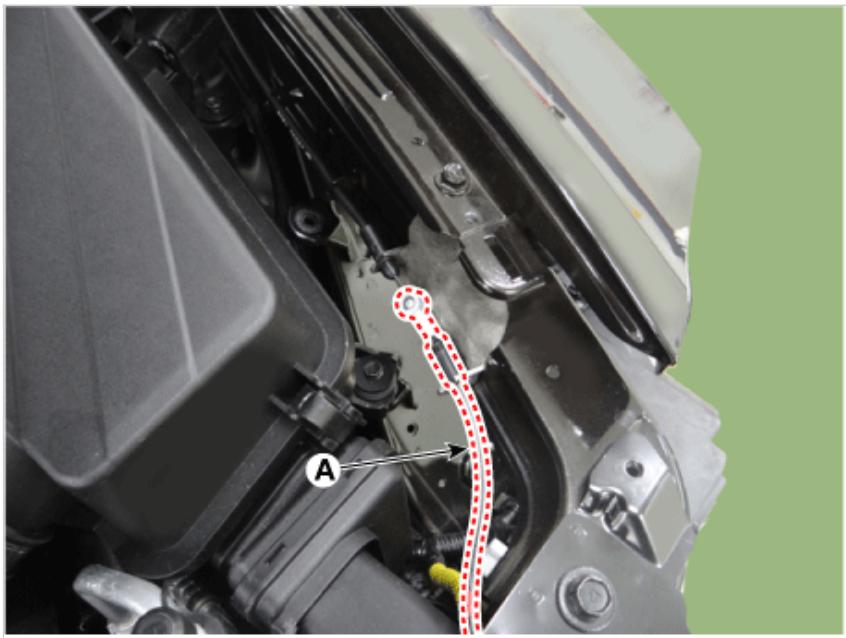
10. Remove the air duct (A).
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- Tightening torque :**  
3.9 - 5.9 N·m (0.4 - 0.6 kgf·m, 2.9 - 4.3 lb·ft, 34.7 - 52.1 lb·in)
- 
- [LH]



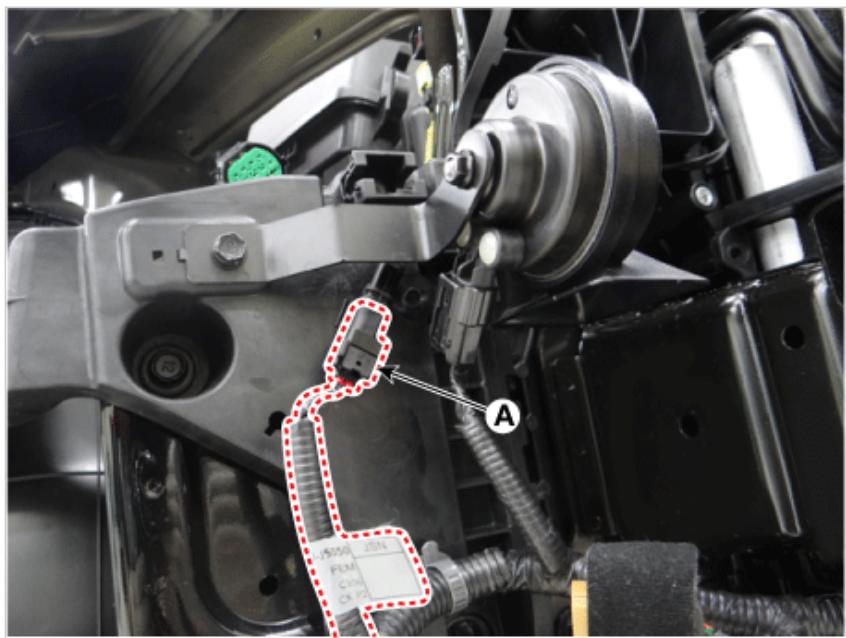
[RH]



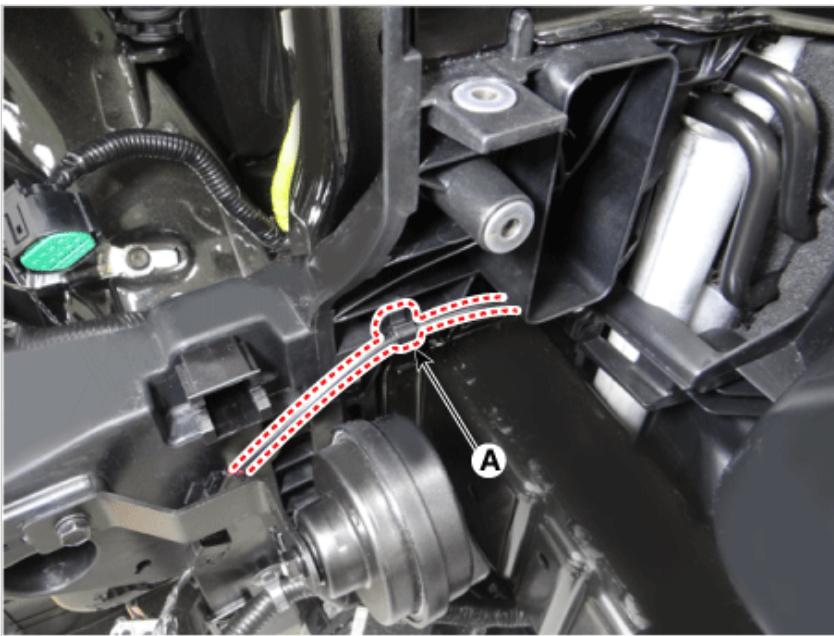
11. Disconnect the hood latch release handle cable (A).



12. Disconnect the hood switch connector (A).



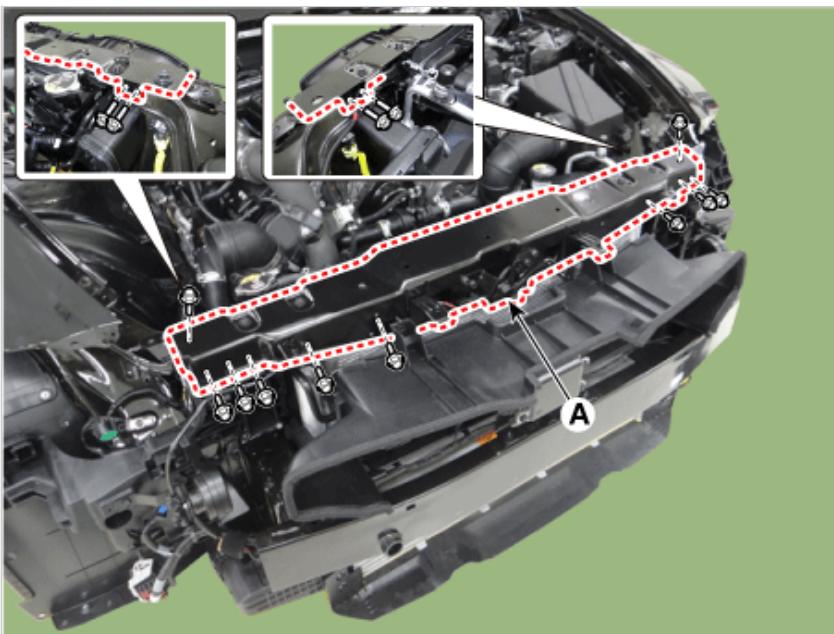
13. Disconnect the hood switch wiring (A).



14. Remove the radiator support upper member (A).

**Tightening torque :**

16.7 - 25.5 N·m (1.7 - 2.6 kgf·m, 12.3 - 18.8 lb·ft)

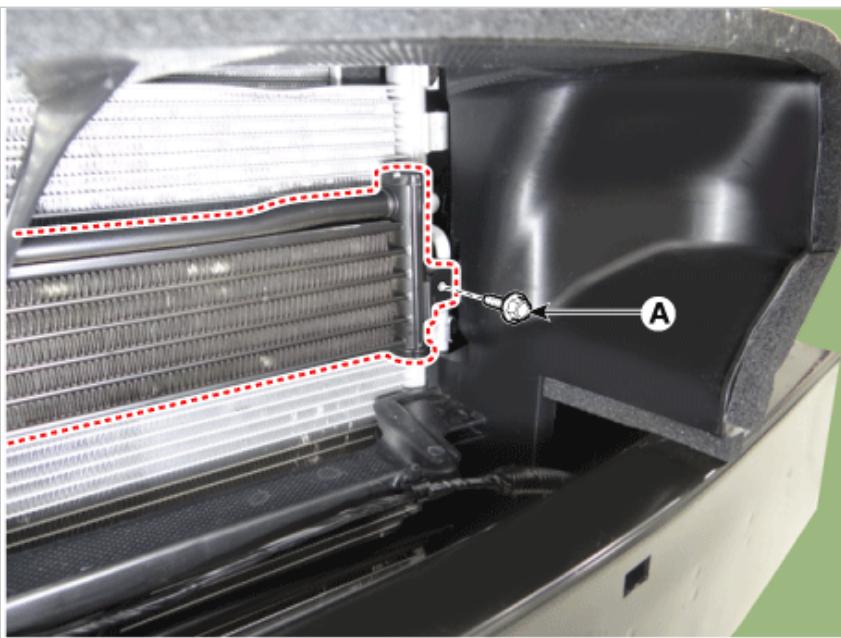


15. Remove the transmission oil cooler mounting bolts (A).

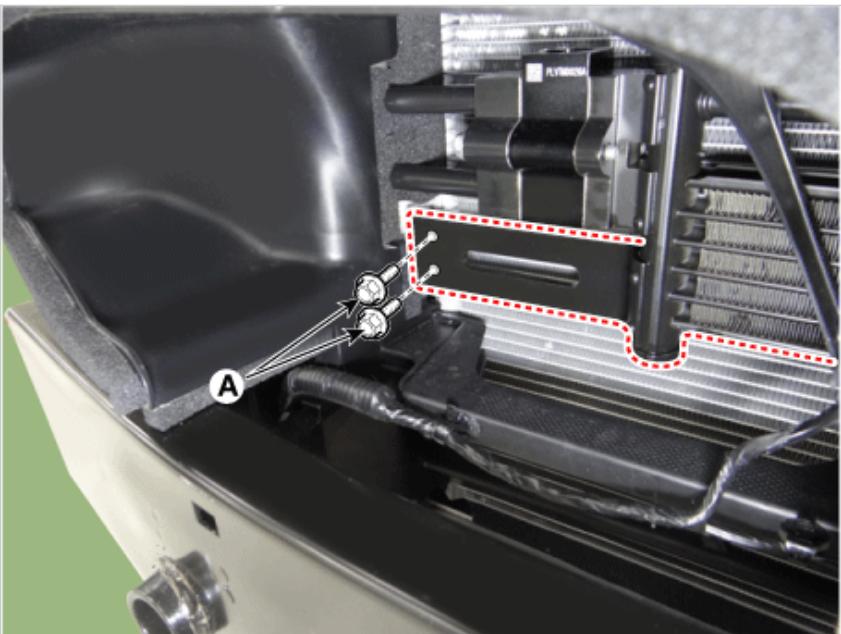
**Tightening torque :**

4.9 - 7.8 ·m (0.5 - 0.8 kgf·m, 3.6 - 5.8 lb·ft, 43.4 - 69.4 lb·in)

[LH]



[RH]

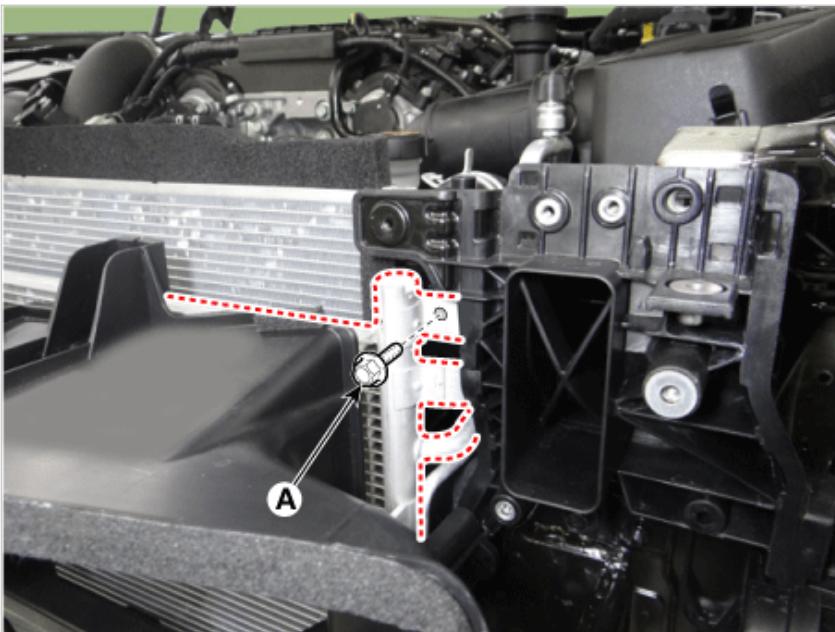


16. Remove the A/C condenser mounting bolts (A).

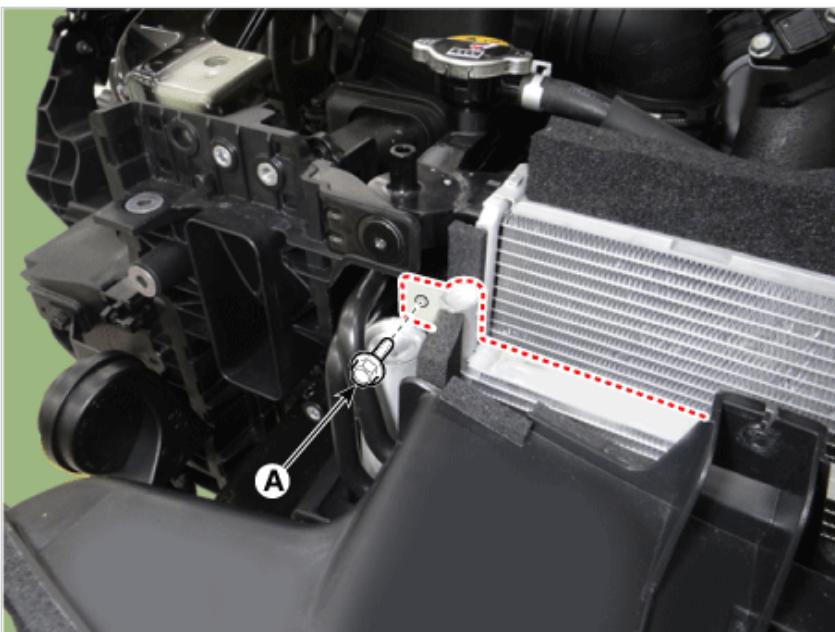
**Tightening torque :**

4.9 - 7.8 N·m (0.5 - 0.8 kgf·m, 3.6 - 5.8 lb·ft, 43.4 - 69.4 lb·in)

[LH]



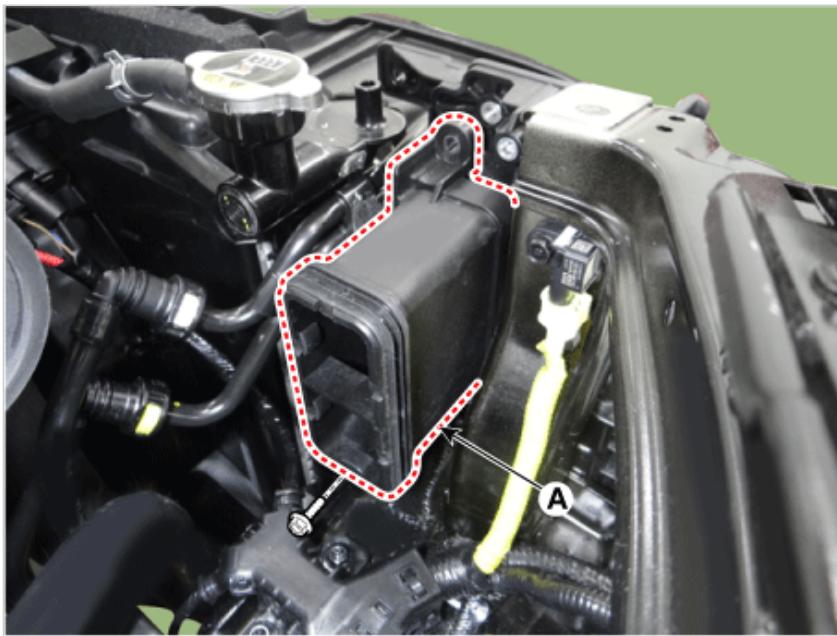
[RH]



17. Remove the RH air cleaner adapter (A).

**Tightening torque :**

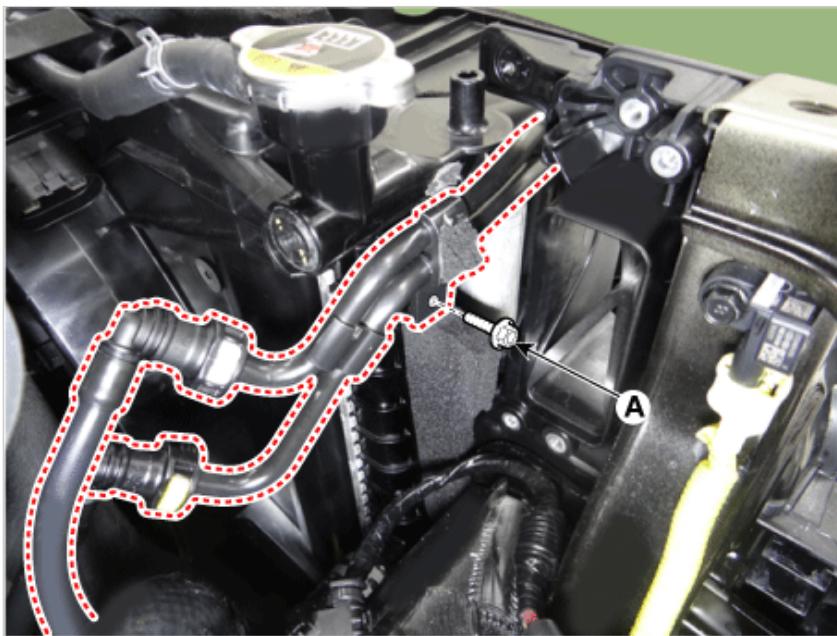
7.8 - 9.8 N·m (0.8 - 1.0 kgf·m, 5.8 - 7.2 lb·ft)



18. Remove the transmission oil cooler pipe mounting bolt (A).

**Tightening torque :**

4.9 - 7.8 N·m (0.5 - 0.8 kgf·m, 3.6 - 5.8 lb·ft, 43.4 - 69.4 lb·in)



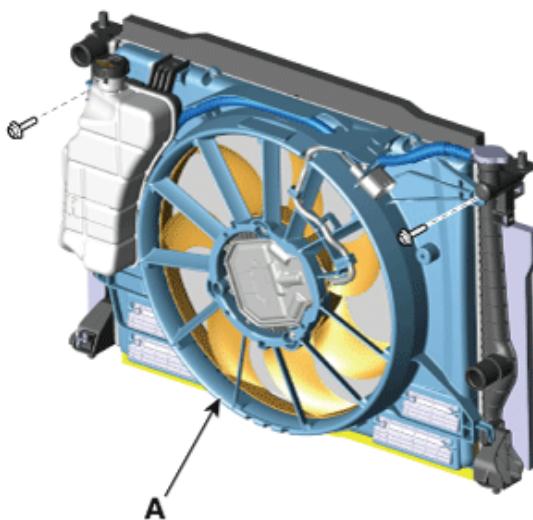
19. Remove the radiator assembly (A).



20. Remove the cooling fan assembly (A).

**Tightening torque :**

4.9 - 7.8 N·m (0.5 - 0.8 kgf·m, 3.6 - 5.8 lb·ft, 43.4 - 69.4 lb·in)



21. Install in the reverse order of removal.

22. Fill with engine coolant.

(Refer to Cooling System - "Coolant")

23. Start engine and check for leaks.

24. Recheck engine coolant level.

## Inspection

### Radiator Cap Testing

1. Remove the radiator cap, wet its seal with engine coolant, and then install it on a pressure tester.



2. Apply a pressure of 79.43-122.58 kpa (0.81-1.25 kg/cm<sup>2</sup>, 11.52-17.78 psi).
3. Check for a drop in pressure.
4. If the pressure drops, replace the cap.

## Radiator Leakage Test

1. Wait for the engine to cool. Carefully remove the radiator cap and fill the radiator with engine coolant. Then, install it on the pressure tester.
2. Apply a pressure tester to the radiator and apply a pressure of 79.43-122.58 kpa (0.81-1.25 kg/cm<sup>2</sup>, 11.52-17.78 psi).



3. Inspect for engine coolant leaks and a drop in pressure.
4. Remove the tester and reinstall the radiator cap.

### NOTICE

Check for engine oil in the coolant and/or coolant in the engine oil.