Replacement

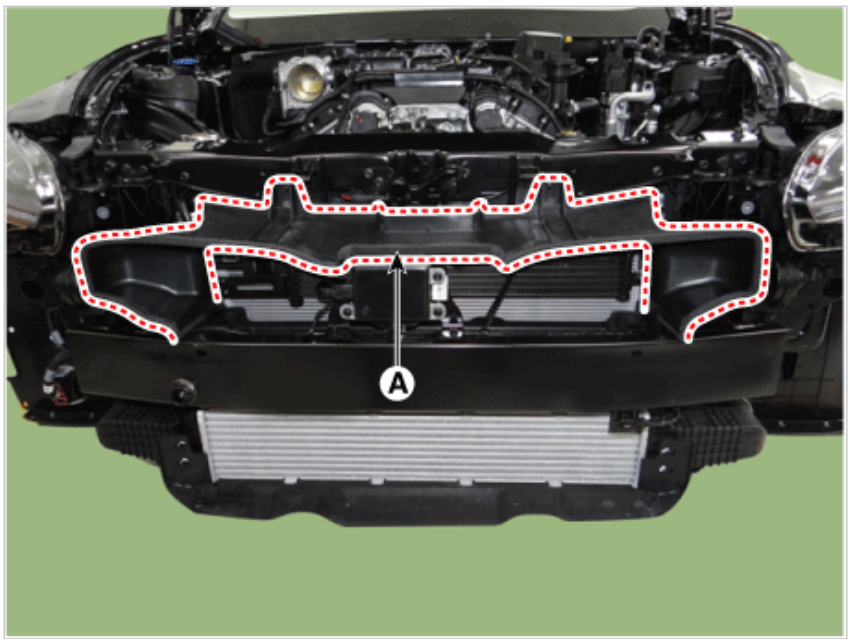
Oil cooler

1. Remove the front bumper.
   (Refer to Body - "Front Bumper Aseembly")
2. Remove the air intake shield (A).

Tightening torque :
3.9 - 5.9 N·m (0.4 - 0.6 kgf·m, 2.9 - 4.3 lb·ft)

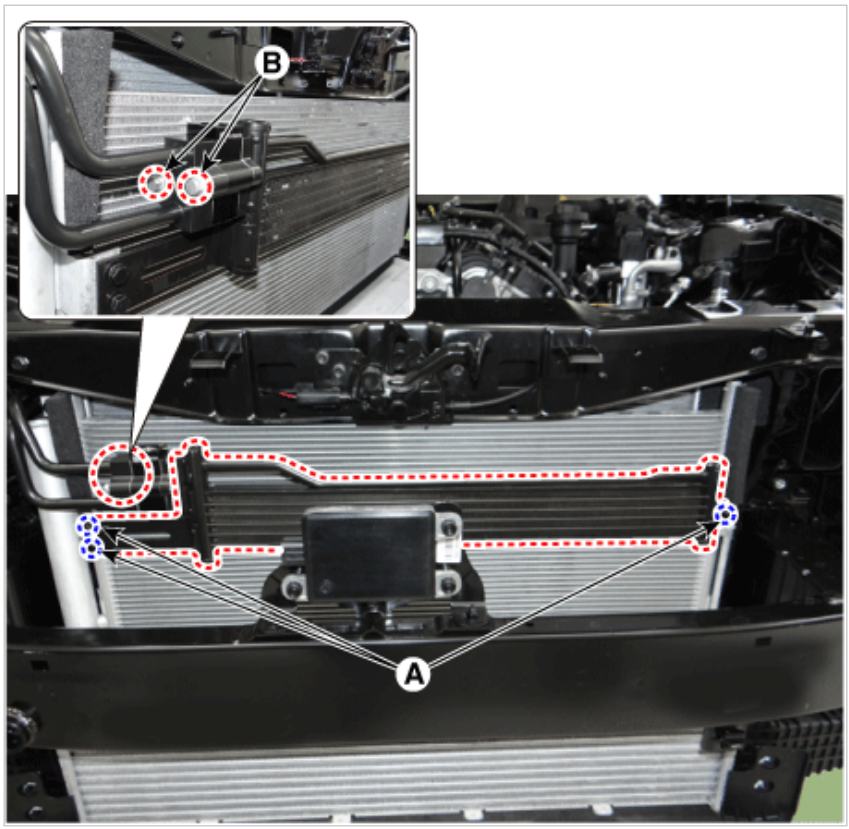
3. Remove the air guard (A) by loosening the bolts after separating the wiring fixing clip.

Tightening torque :
4.9 - 7.8 N·m (0.5 - 0.8 kgf·m, 3.6 - 5.8 lb·ft)



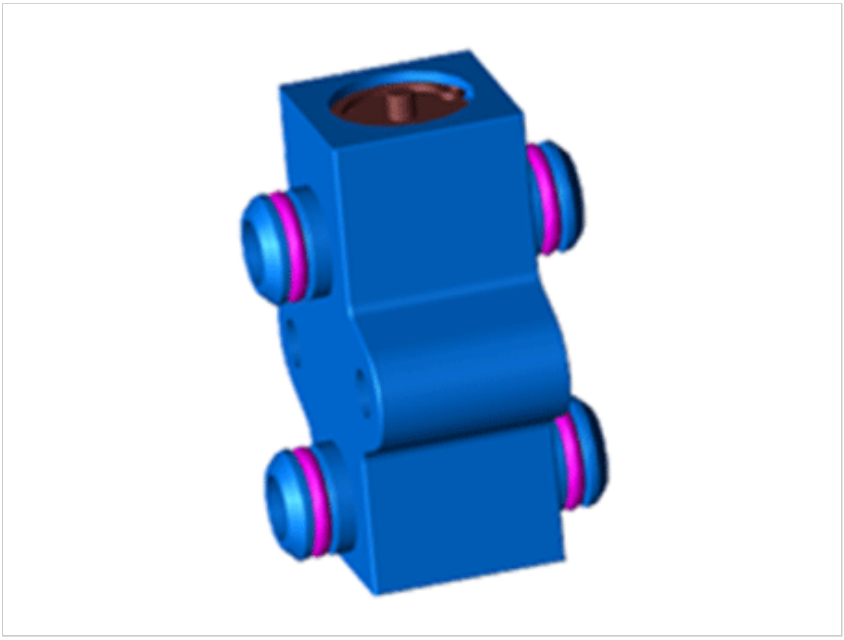
4. Remove the oil cooler after loosening the bolts (A, B)

Tightening torque :
(A) 4.8 - 7.8 N·m (0.5 - 0.8 kgf·m, 3.6 - 5.8 lb·ft)
(B) 9.8 - 14.7 N·m (1.0 - 1.5 kgf·m, 7.2 - 10.8 lb·ft)



NOTICE

When installing, the existing oil cooler valve O-ring must be replaced with a new one.



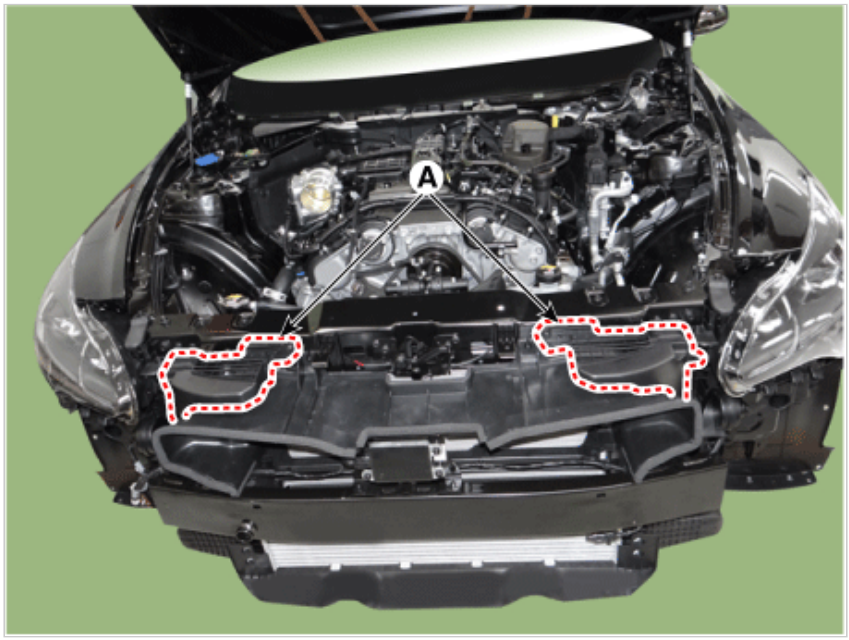
5. Install in the reverse order of removal.
6. Refill the automatic transmission with fluid.
   (Refer to Hydraulic System - "Fluid")

Oil cooler valve

1. Remove the front bumper.
   (Refer to Body - "Front Bumper Aseembly")
2. Remove the air intake shield (A).

Tightening torque :

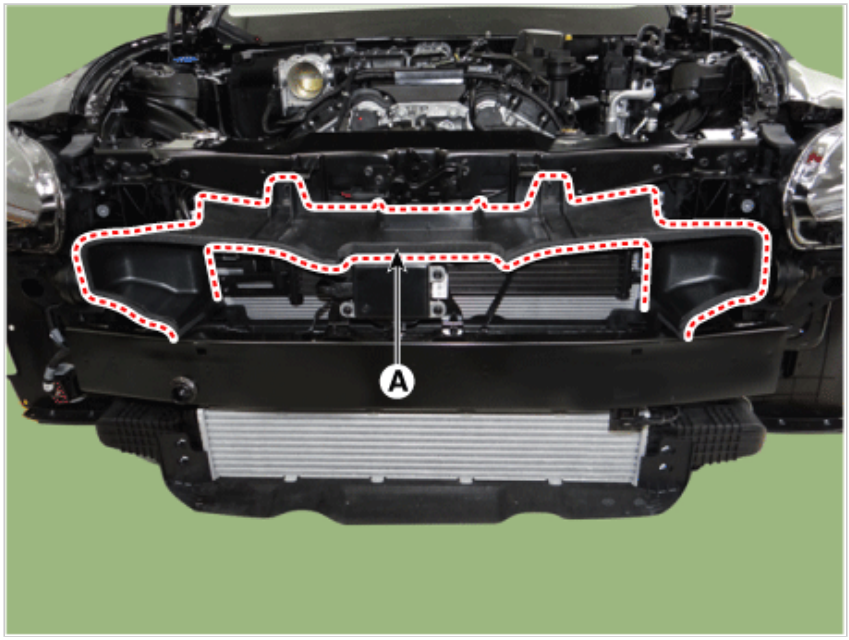
3.9 - 5.9 N·m (0.4 - 0.6 kgf·m, 2.9 - 4.3 lb·ft)



3. Remove the air guard (A) by loosening the bolts after separating the wiring fixing clip.

Tightening torque :

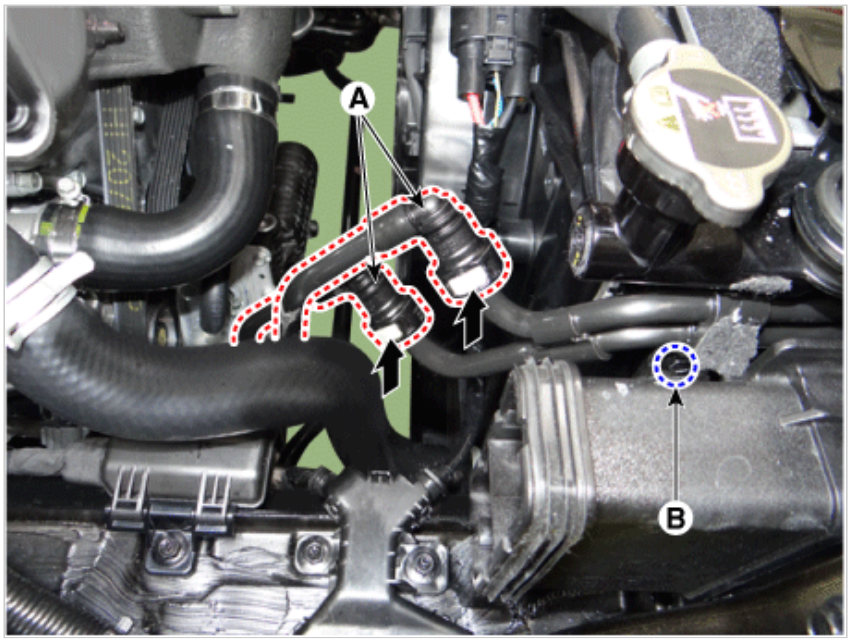
4.9 - 7.8 N·m (0.5 - 0.8 kgf·m, 3.6 - 5.8 lb·ft)



4. Separat the oil cooler tube (A)and loosen the bolt (B).

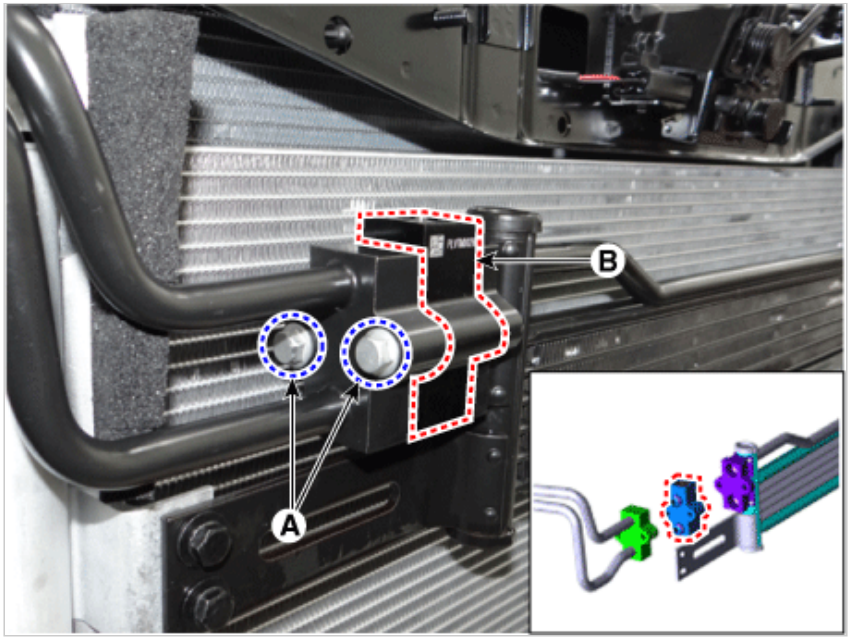
Tightening torque :

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



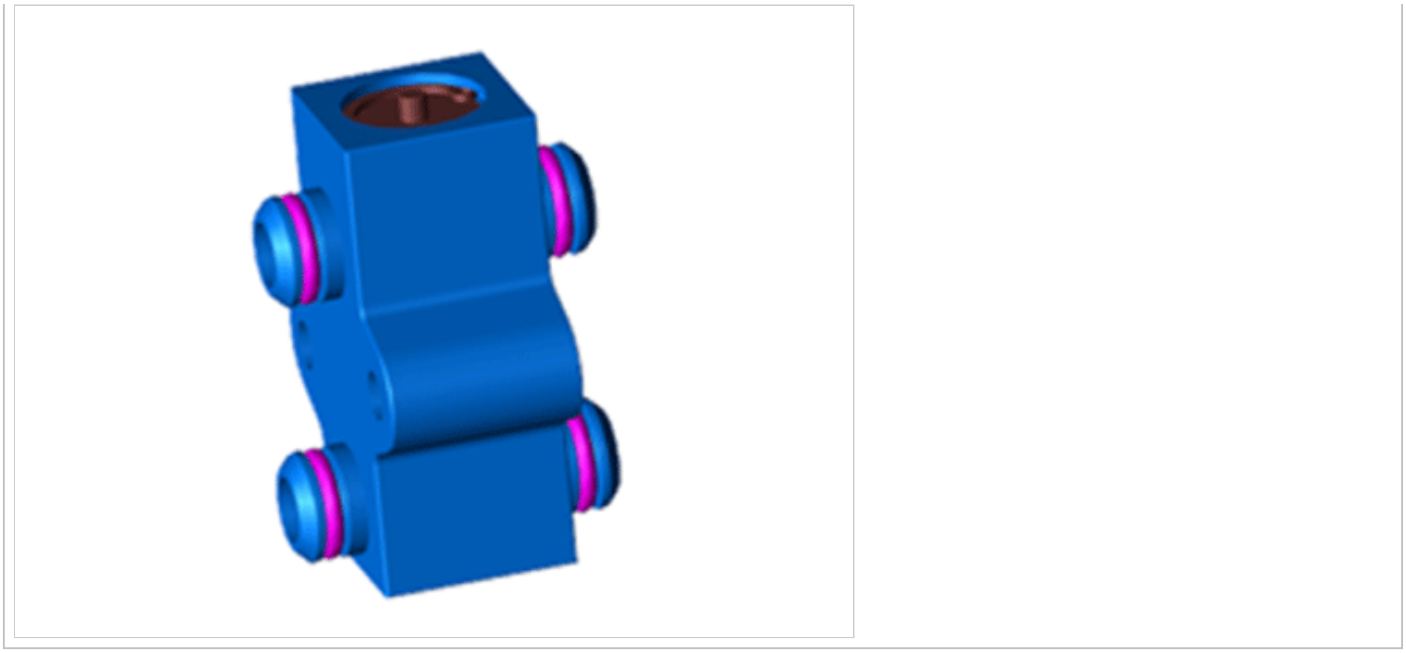
5. Remove the oil cooler valve (B) after loosening the bolts (A).

Tightening torque :
9.8 - 14.7 N·m (1.0 - 1.5 kgf·m, 7.2 - 10.8 lb·ft)



NOTICE

When installing, the existing oil cooler valve O-ring must be replaced with a new one.

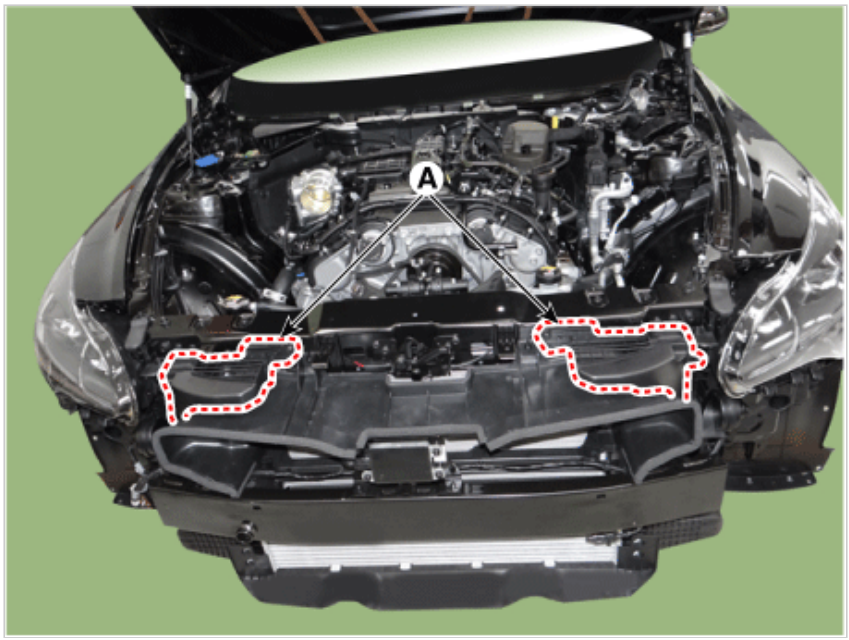


6. Install in the reverse order of removal.
7. Refill the automatic transmission with fluid.
   (Refer to Hydraulic System - "Fluid")

Oil cooler pipe

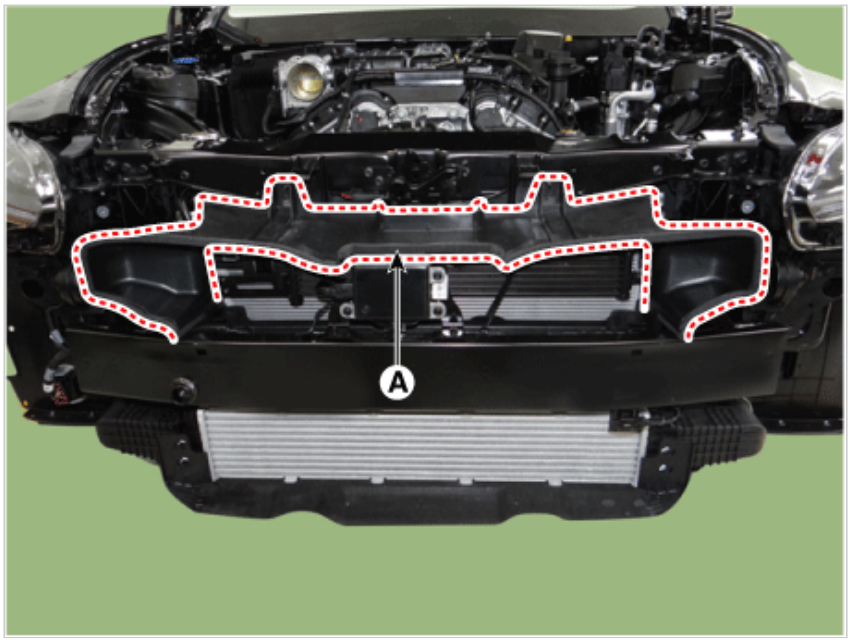
1. Remove the front bumper.
   (Refer to Body - "Front Bumper Aseembly")
2. Remove the air intake shield (A).

   Tightening torque :
   3.9 - 5.9 N·m (0.4 - 0.6 kgf·m, 2.9 - 4.3 lb·ft)



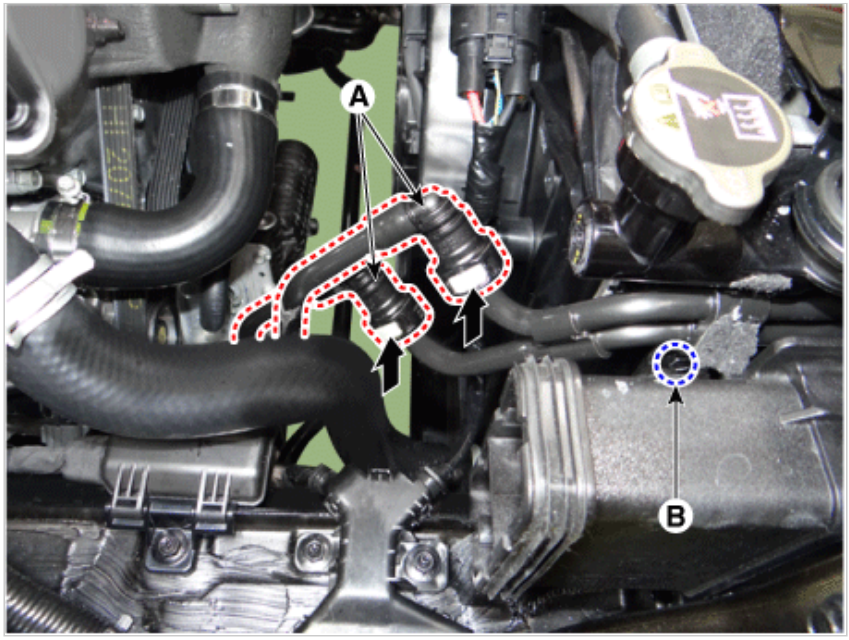
3. Remove the air guard (A) by loosening the bolts after separating the wiring fixing clip.

   Tightening torque :
   4.9 - 7.8 N·m (0.5 - 0.8 kgf·m, 3.6 - 5.8 lb·ft)



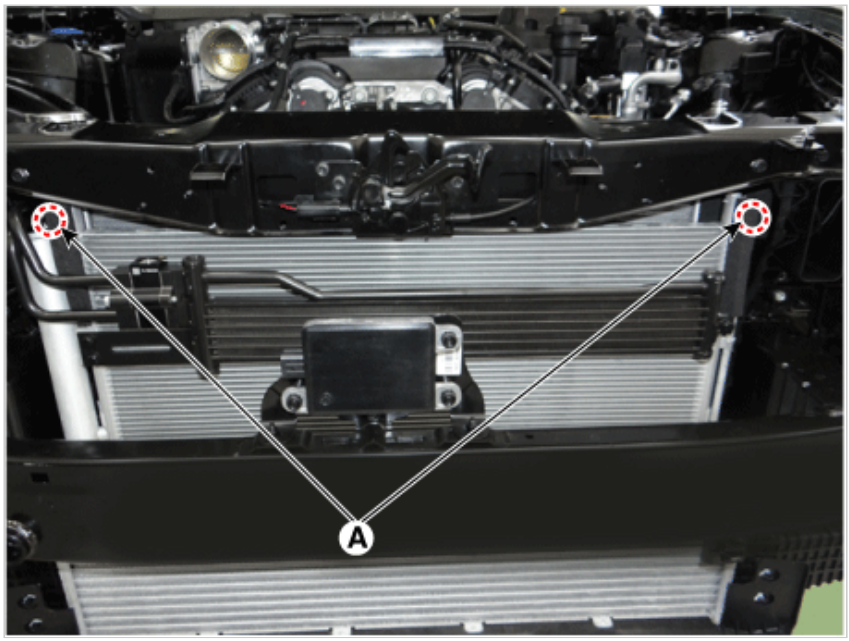
4. Separat the oil cooler tube (A)and loosen the bolt (B).

Tightening torque :
4.9 - 7.8 N·m (0.5 - 0.8 kgf·m, 3.6 - 5.8 lb·ft)



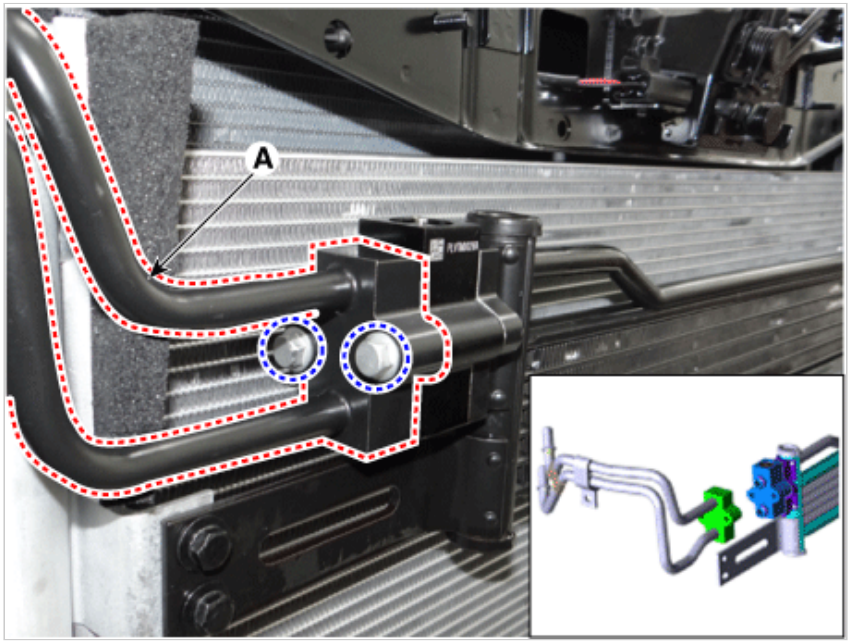
5. Loosen the condenser mounting bolt (A).

Tightening torque :
4.9 - 7.8 N·m (0.5 - 0.8 kg··m, 3.6 - 5.8 lb·ft)



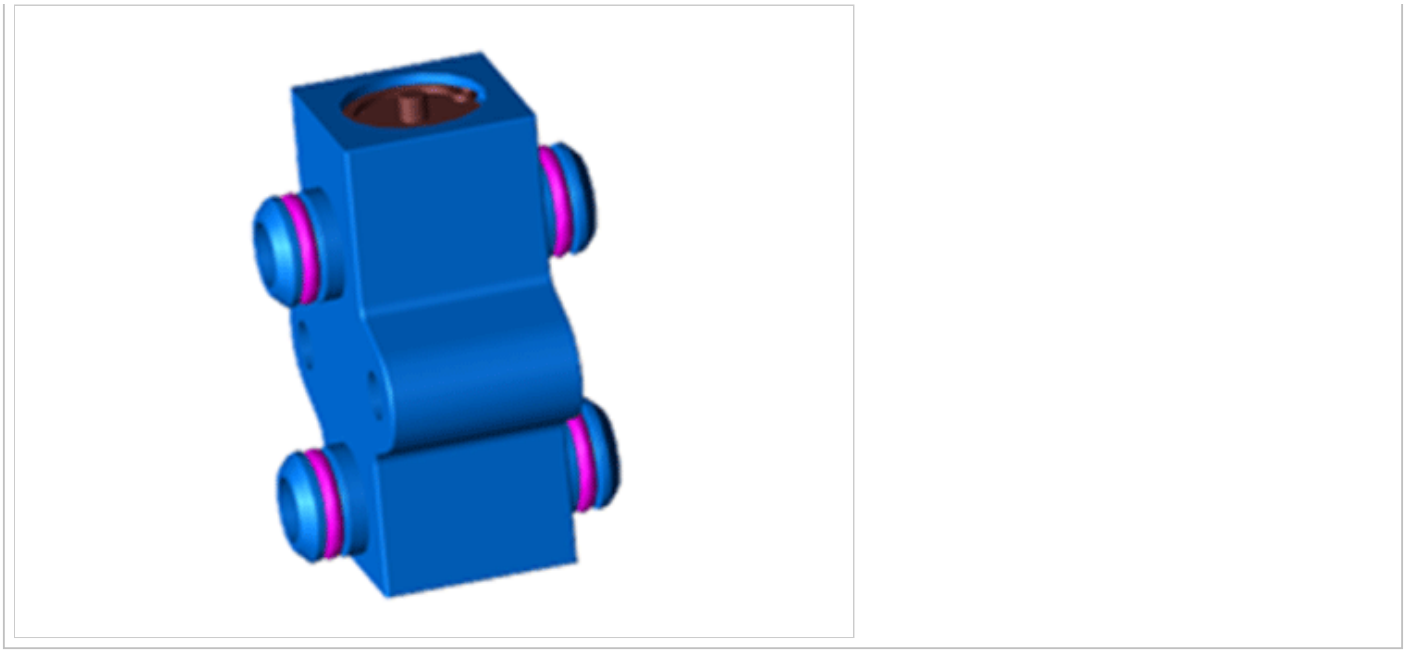
6. Remove the oil cooler pipe (A) after loosening the bolts.

Tightening torque :
9.8 - 14.7 N·m (1.0 - 1.5 kgf·m, 7.2 - 10.8 lb·ft)



NOTICE

When installing, the existing oil cooler valve O-ring must be replaced with a new one.

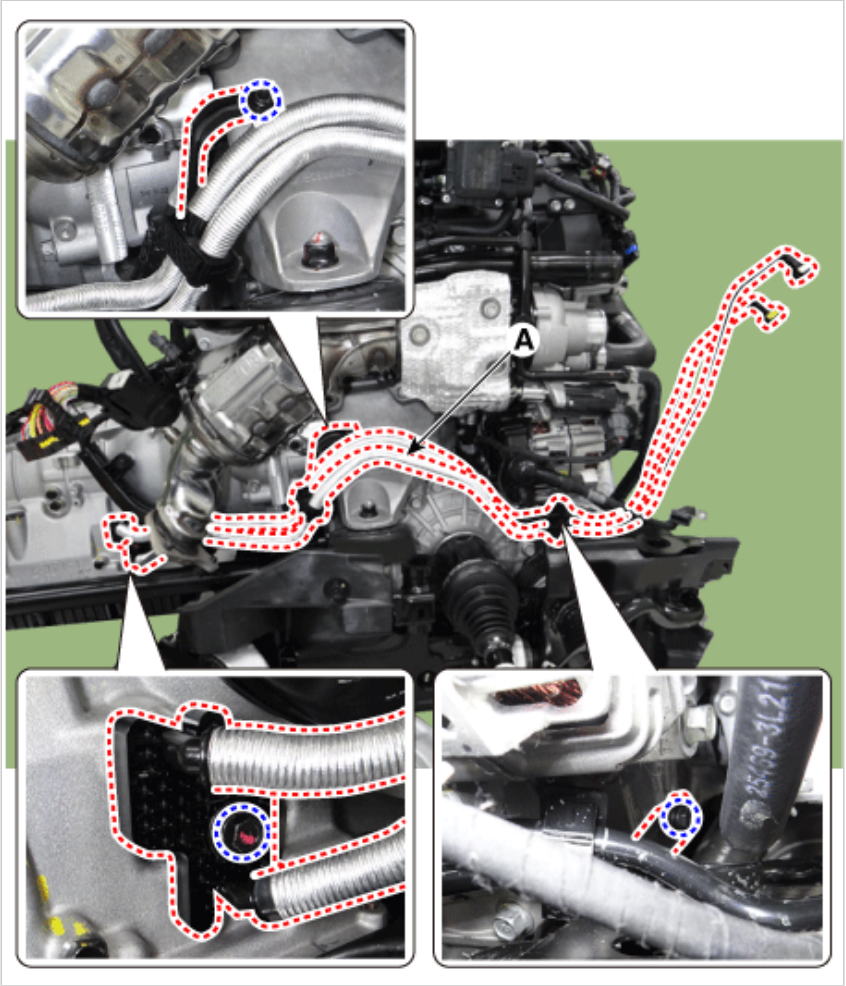


7. Install in the reverse order of removal.
8. Refill the automatic transmission with fluid.
   (Refer to Hydraulic System - "Fluid")

Oil cooler tube

1. Remove the sub frame.
   (Refer to Suspension System - "Sub Frame")
2. Removethe oil cooler tube (A).

Tightening torque
Oil cooler tube mounting bolt : 19.6 - 29.4 N·m (2.0 - 3.0 kgf·m, 14.5 - 21.7 lb·ft)
Bracket mounting bolts : 7.8 - 11.8 N·m (0.8 - 1.2 kgf·m, 5.8 - 8.7 lb·ft)



NOTICE

- When installing, the existing oil cooler tube O-ring must be replaced with a new one.

3. Install in the reverse order of removal.
4. Refill the automatic transmission with fluid.
   (Refer to Hydraulic System - "Fluid")