



Removal and Installation

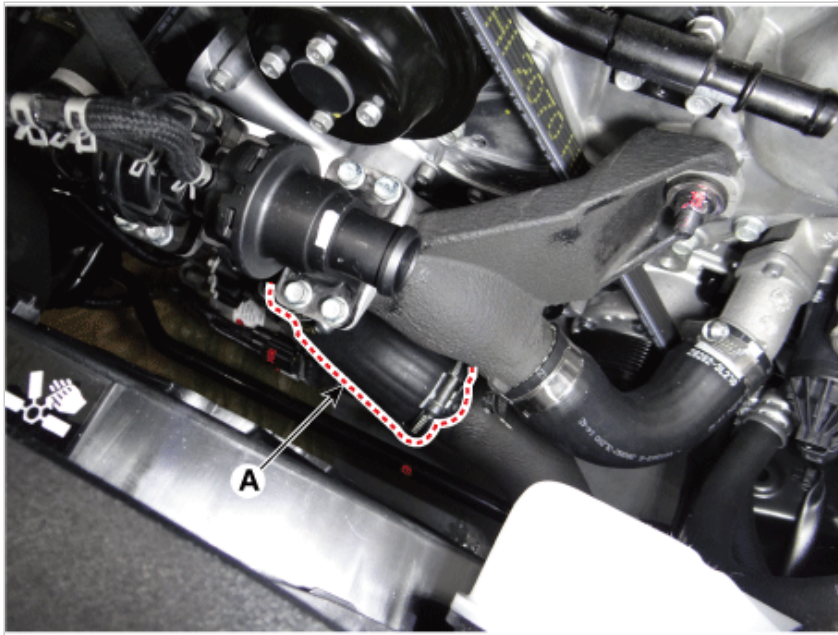
Intercooler Inlet Hose & Pipe

1. Remove the engine room front under cover.
(Refer to Engine and Transmission Assembly - "Engine Room Under Cover")
2. Disconnect the intercooler inlet hose (A) from the intercooler inlet joint.

Tightening torque :

4.9 - 6.9 N·m (0.5 - 0.7 kgf·m, 3.6 - 5.1 lb·ft, 43.4 - 60.8 lb·in)

(If equipped with a cap, tighten it until the cap is removed.)

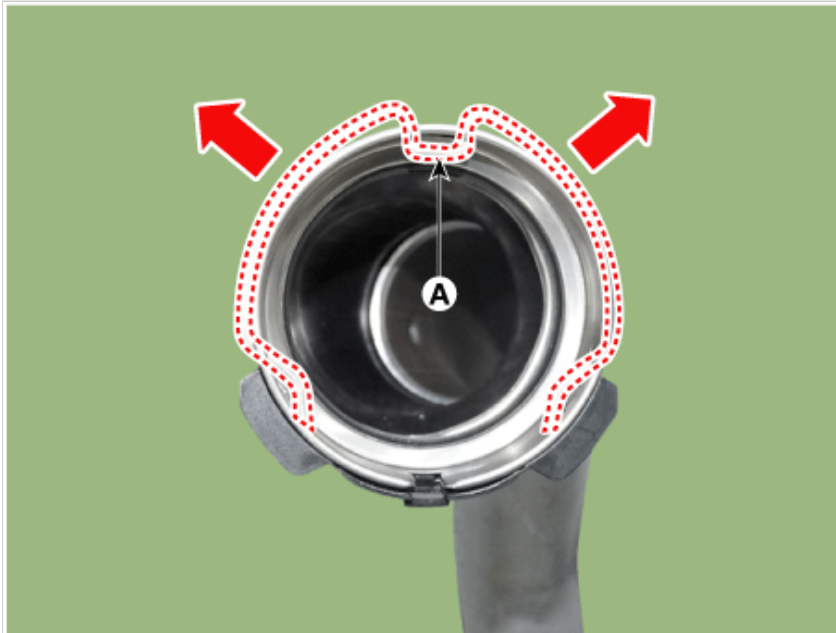


3. Remove the intercooler inlet hose & pipe (A).

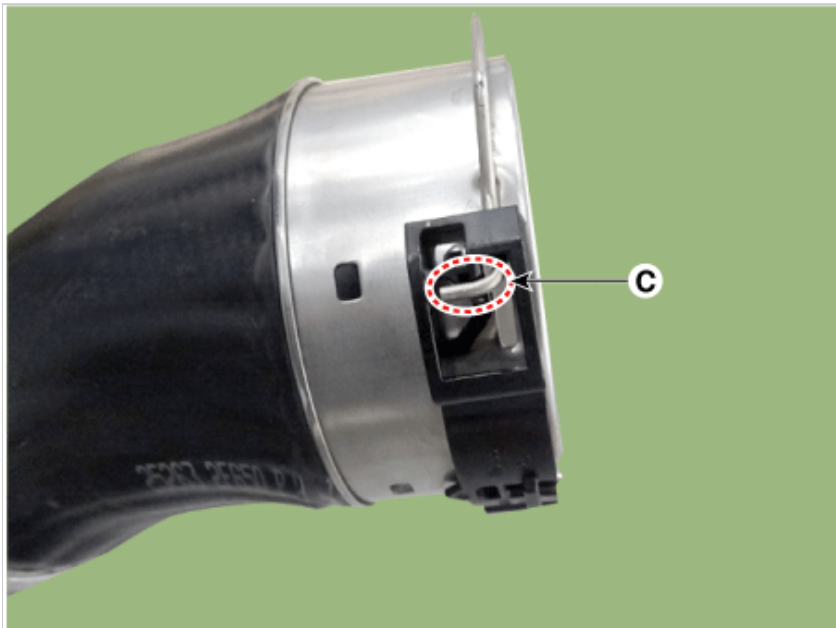
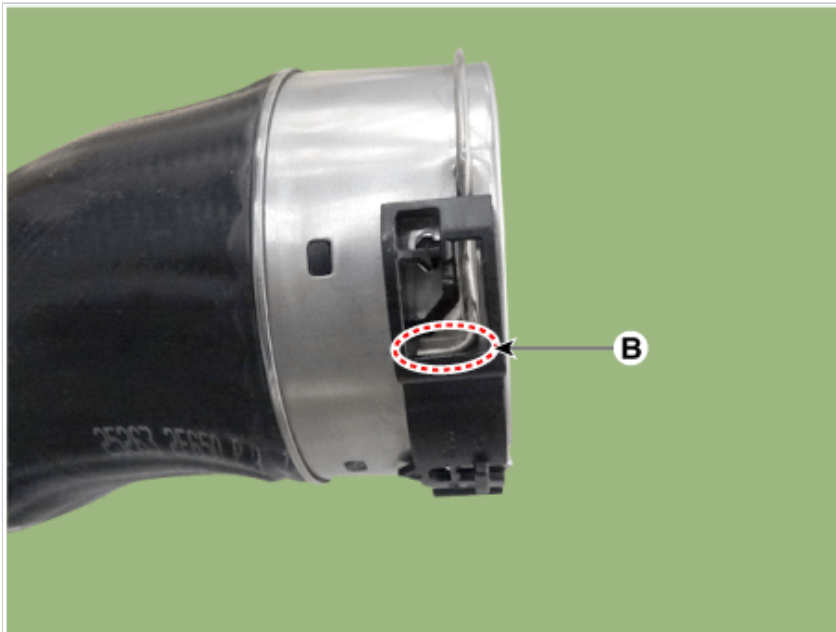


Information

- 1) When disconnect the intercooler inlet hose, pull out the quick connector clamp (A) in the direction of the arrow as shown below.



2) Move the quick connector clamp from position (B) to position (C) as shown below and pull out the quick connector hose.



4. Install in the reverse order of removal.

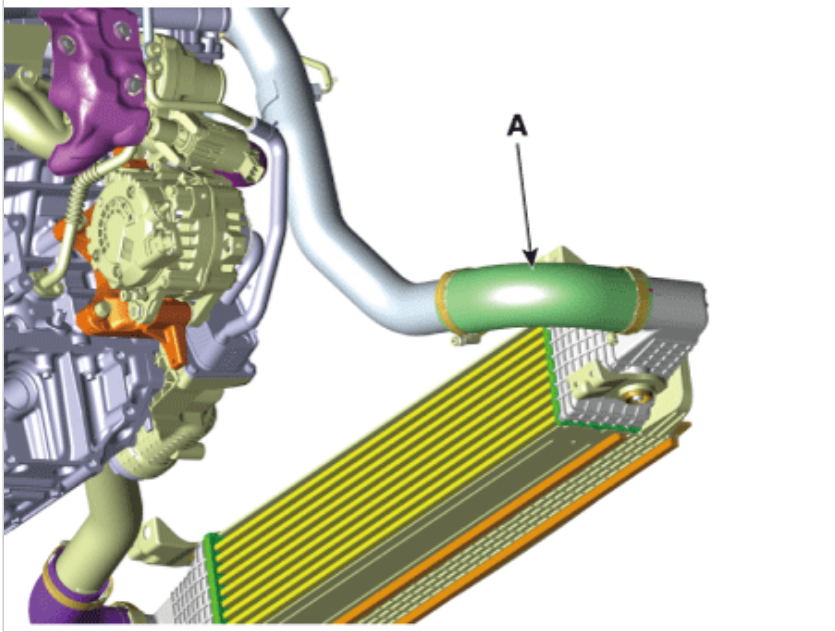
Intercooler Outlet Hose & Pipe

1. Remove the engine room front under cover.
(Refer to Engine and Transmission Assembly - "Engine Room Under Cover")
2. Disconnect the intercooler outlet hose (A) from the intercooler.

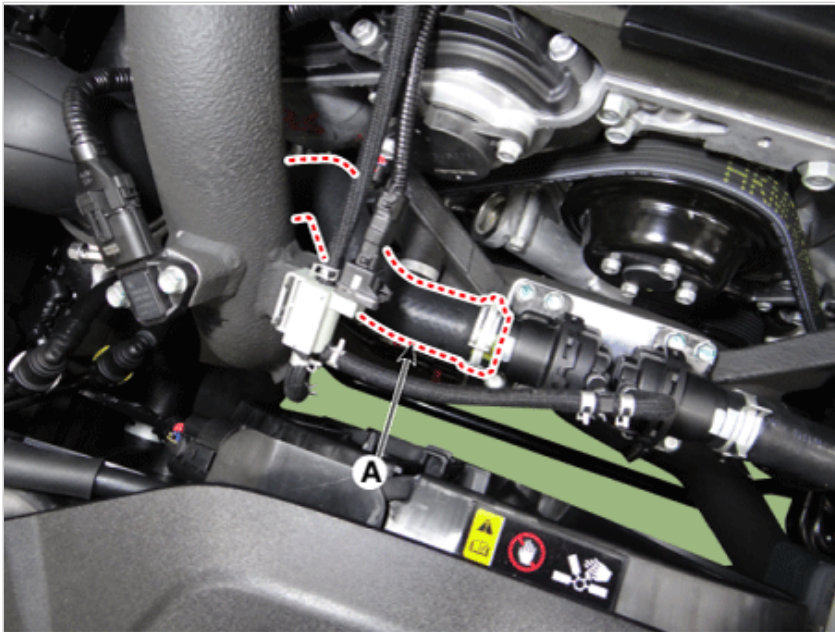
Tightening torque :

4.9 - 6.9 N·m (0.5 - 0.7 kgf·m, 3.6 - 5.1 lb·ft, 43.4 - 60.8 lb·in)

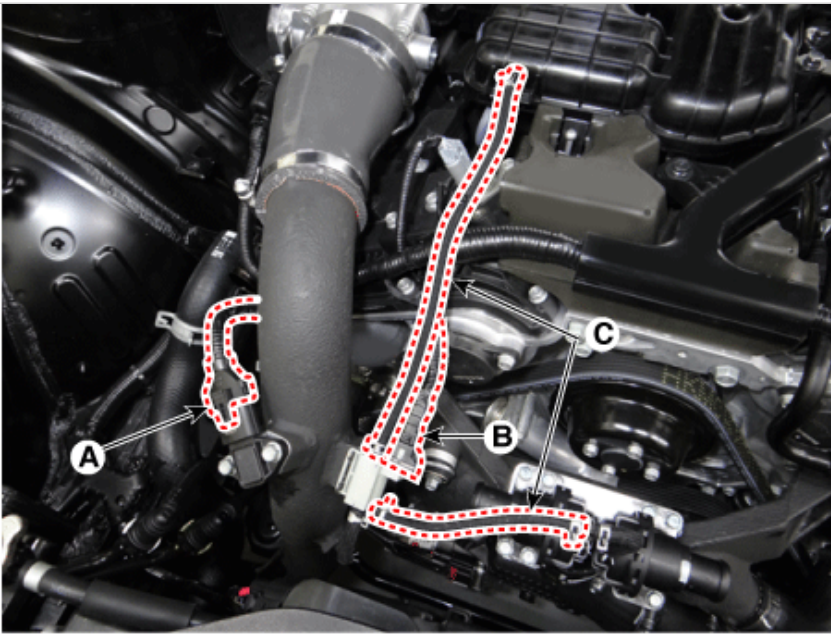
(If equipped with a cap, tighten it until the cap is removed.)



3. Disconnect the RCV hose (A).



4. Remove the intercooler outlet hose.
 - (1) Disconnect the booster pressure sensor (BPS) connector (A).
 - (2) Disconnect the RCV solenoid valve connector (B).
 - (3) Disconnect the vacuum hose (C).



(4) Remove the intercooler outlet hose (A).

Tightening torque

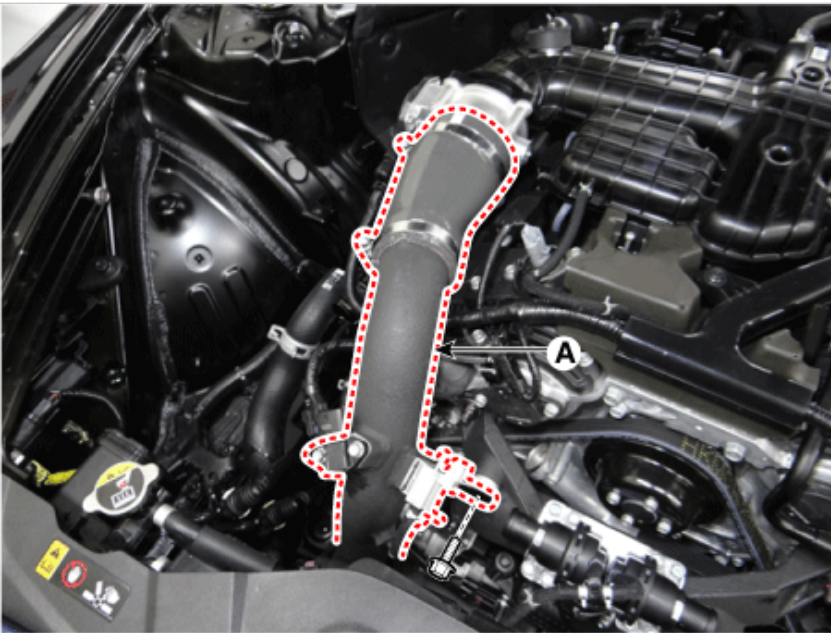
Hose clamp :

4.9 - 6.9 N·m (0.5 - 0.7 kgf·m, 3.6 - 5.1 lb·ft, 43.4 - 60.8 lb·in)

(If equipped with a cap, tighten it until the cap is removed.)

Pipe bolt :

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



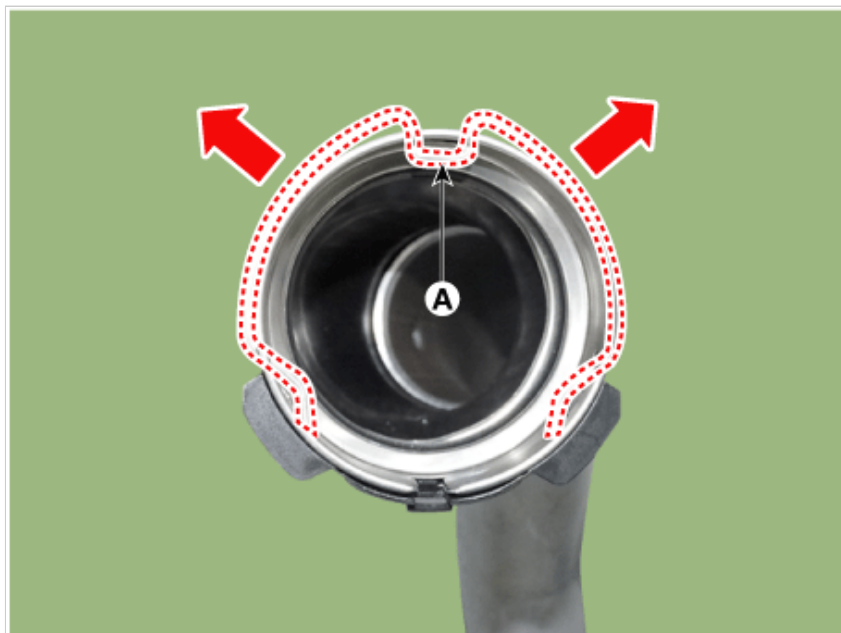
5. Install in the reverse order of removal.

Intercooler

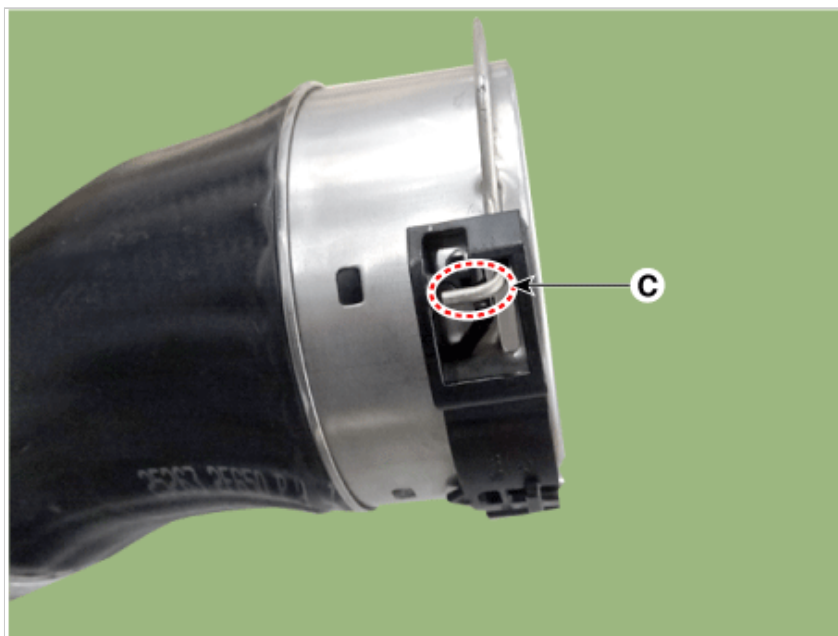
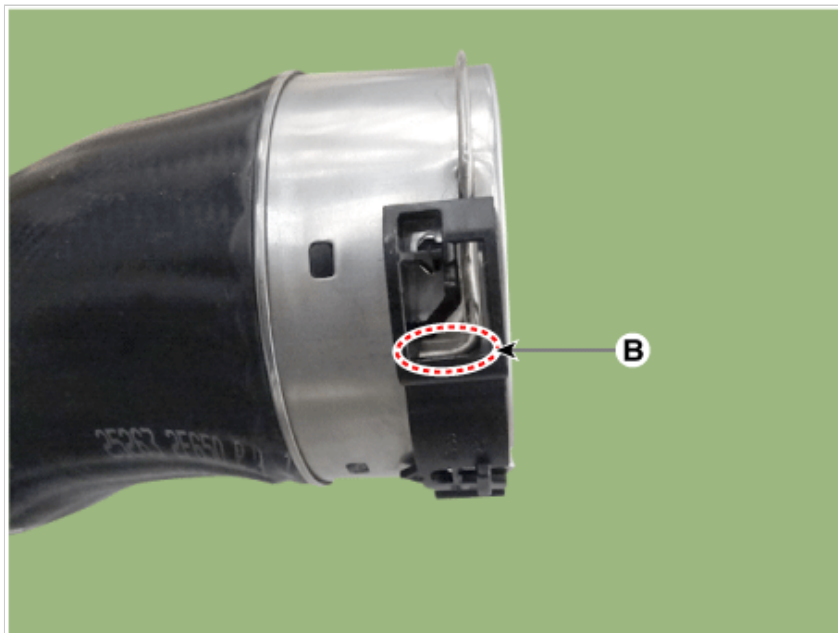
1. Remove the engine room front under cover.
(Refer to Engine and Transmission Assembly - "Engine Room Under Cover")
2. Remove the front bumper assembly.
(Refer to body (Interior and Exterior) - "Front Bumper Assembly")
3. Disconnect the intercooler inlet hose (A) from the intercooler.

**i Information**

- 1) Disconnect the intercooler inlet hose (A) from the intercooler.



- 2) Move the quick connector clamp from position (B) to position (C) as shown below and pull out the quick connector hose.

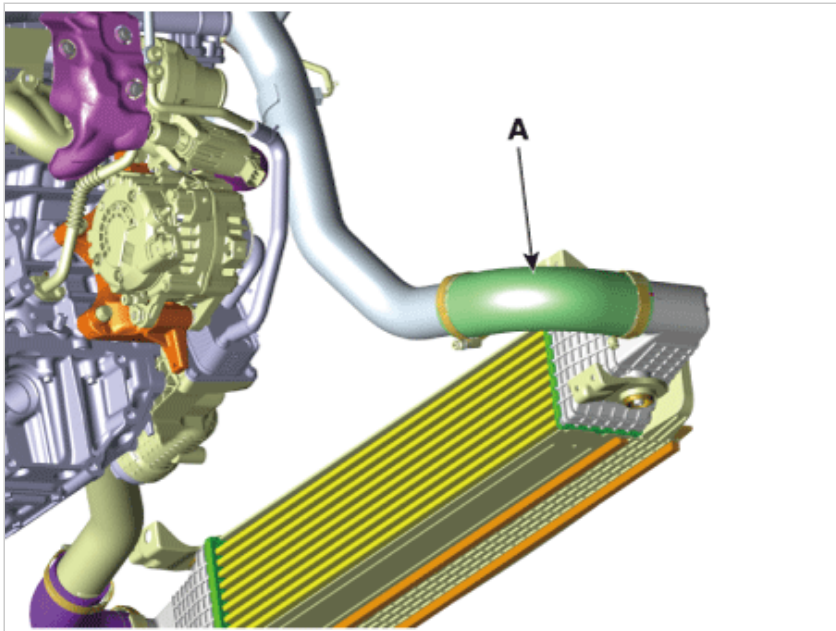


4. Disconnect the intercooler outlet hose (A) from the intercooler.

Tightening torque :

4.9 - 6.9 N·m (0.5 - 0.7 kgf·m, 3.6 - 5.1 lb·ft. 43.4 - 60.8 lb·in)

(If equipped with a cap, tighten it until the cap is removed.)

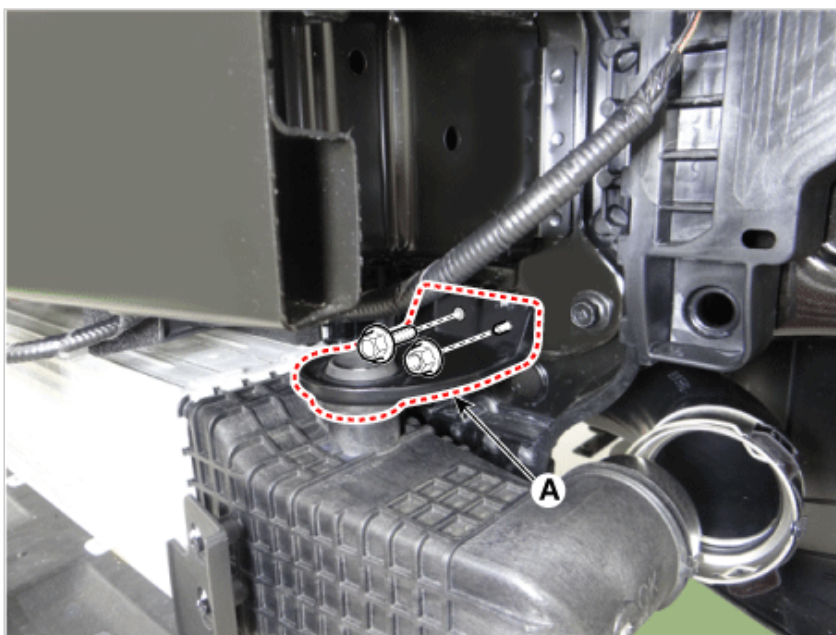


5. Remove the intercooler upper mounting bracket (A).

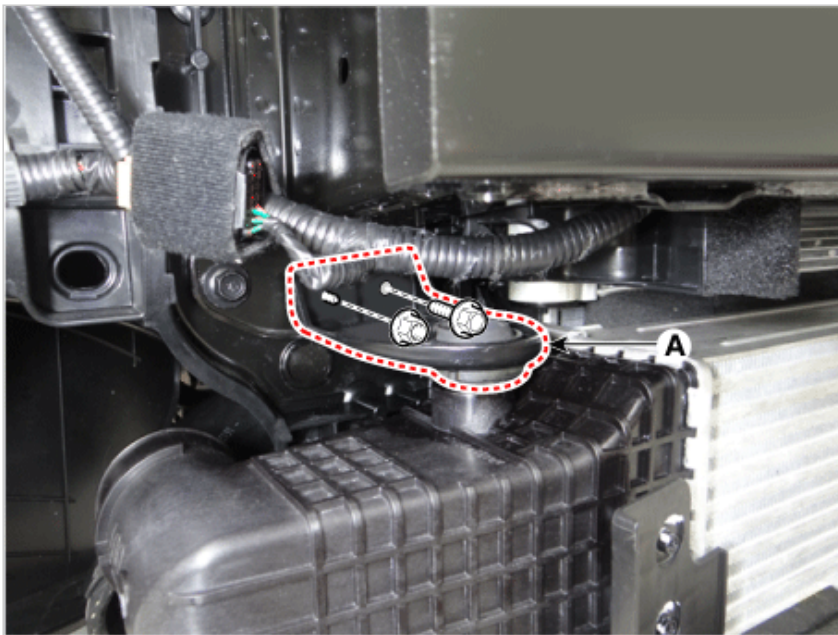
Tightening torque :

21.6 - 26.5 N·m (2.2 - 2.7 kgf·m, 15.9 - 19.5 lb·ft)

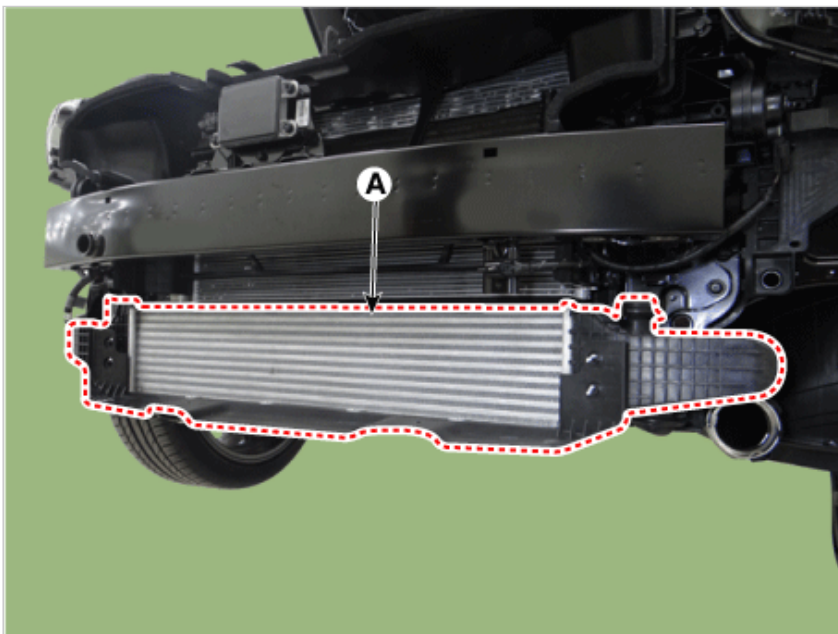
[LH]



[RH]



6. Remove the intercooler (A).

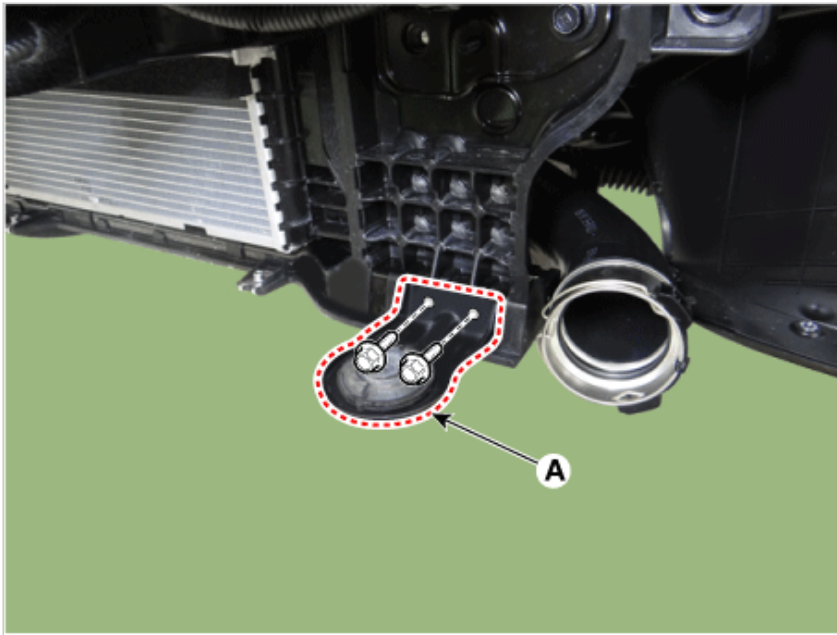


7. Remove the intercooler lower mounting bracket (A).

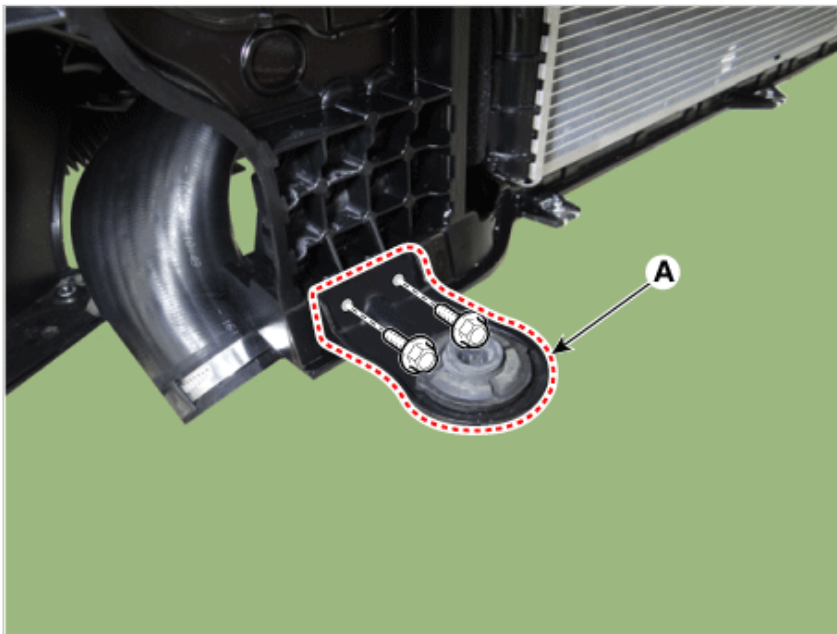
Tightening torque :

21.6 - 26.5 N·m (2.2 - 2.7 kgf·m, 15.9 - 19.5 lb·ft)

[LH]



[RH]



8. Install in the reverse order of removal.