



## Removal and Installation

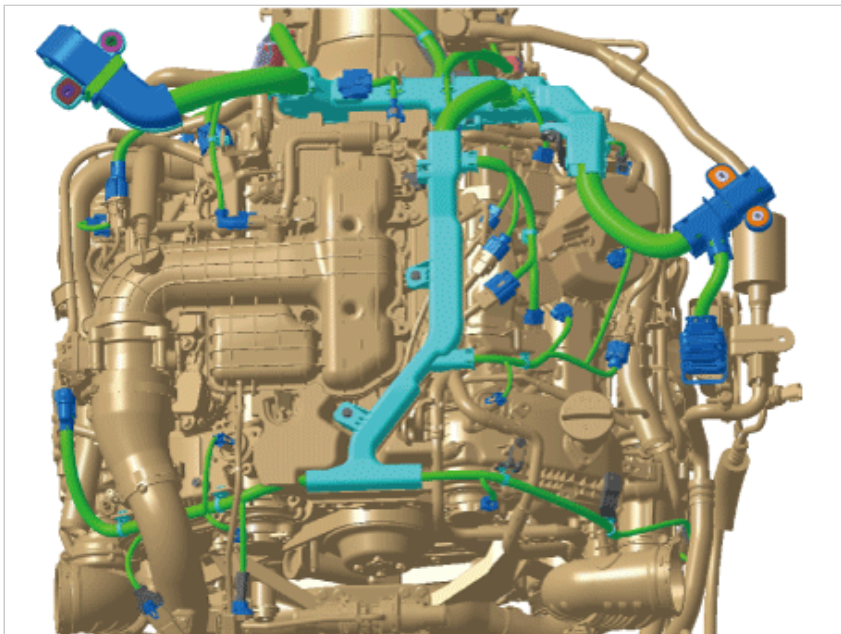
1. Disconnect the negative battery terminal.
2. Remove the engine cover.  
(Refer to Engine and Transmission Assembly - "Engine Cover")
3. Remove the brake vacuum pipe bracket mounting bolts (A).

### Tightening torque :

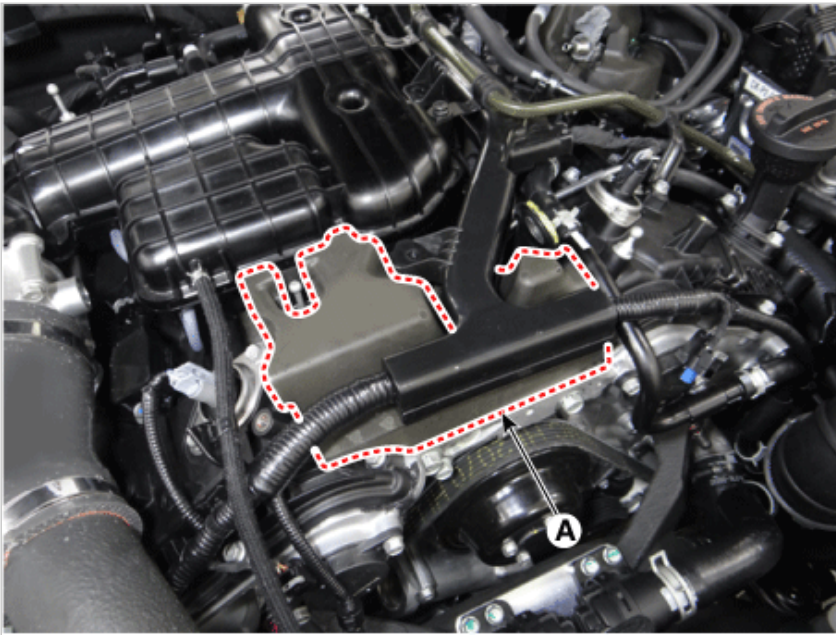
7.8 - 11.8 N·m (0.8 - 1.2 kgf·m, 5.8 - 8.7 lb·ft)



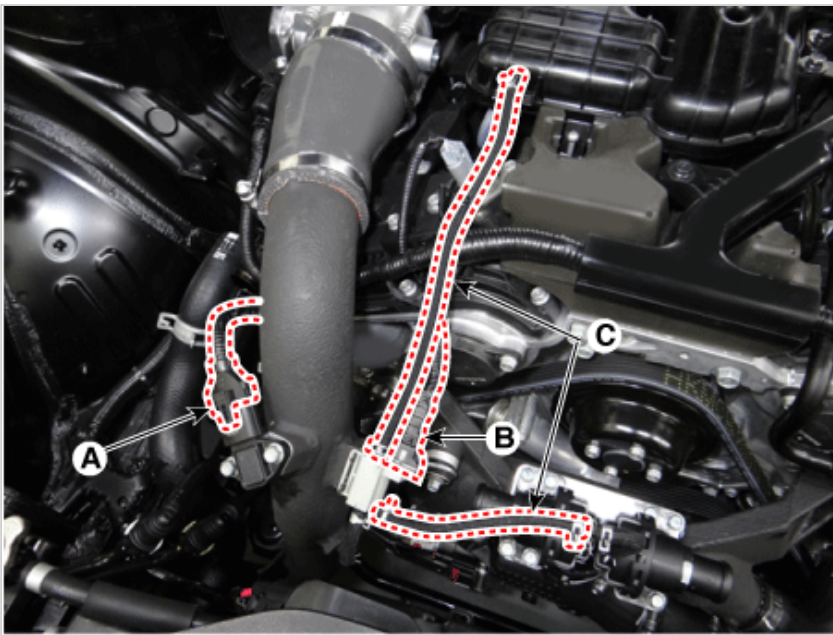
4. Disconnect the wiring connectors and harness clamps and remove the wiring protector around the surge tank.



5. Remove the foam (A).



6. Disconnect 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) Disconnect 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)





7. Remove the surge tank stay mounting bolt (A).

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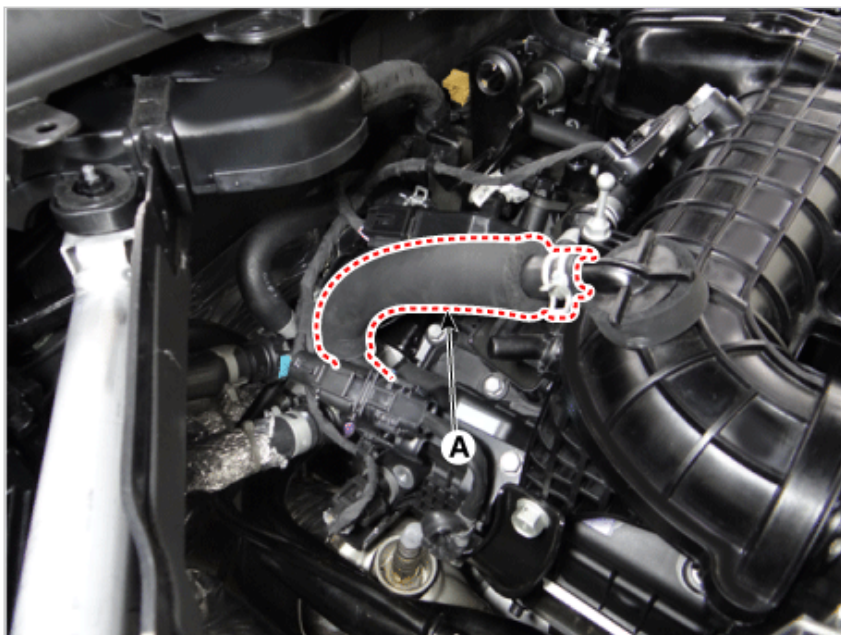
**Tightening torque :**

26.5 - 31.4 N·m (2.7 - 3.2 kgf·m, 19.5 - 23.1 lb·ft)

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8. Disconnect the positive crankcase ventilation (PCV) hose (A).



9. Disconnect the brake vacuum hose (A).



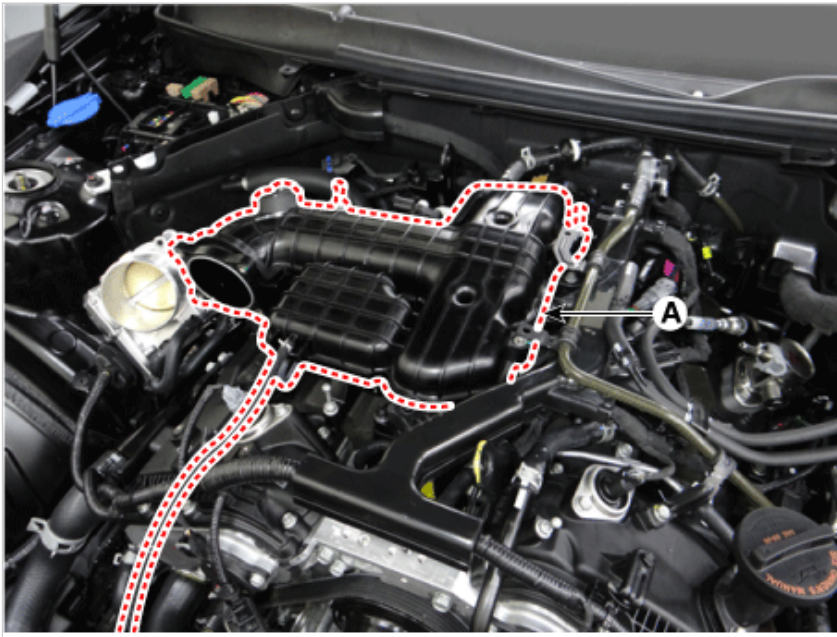
10. Separate the electric throttle control (ETC) module.

(Refer to Engine control / Fuel System - "ETC (Electronic Throttle Control) System")

11. Remove the surge tank (A).

**Tightening torque :**

9.8 - 11.8 N·m (1.0 - 1.2 kgf·m, 7.2 - 8.7 lb·ft)



12. Install in the reverse order of removal.