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REMOVAL

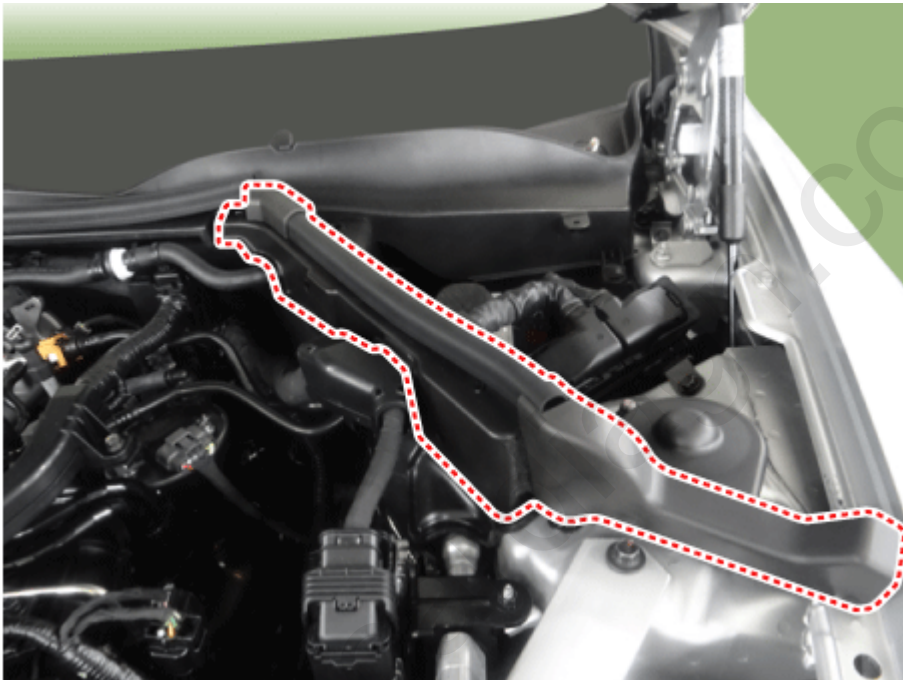
[LHD]

1. Turn ignition switch OFF and disconnect the negative (-) battery cable.
2. Remove the brake fluid from the master cylinder reservoir with a syringe.

NOTICE

Do not spill brake fluid on the vehicle as it may damage the paint. If brake fluid comes in contact with the paint, wash off immediately with water.

3. Remove the hood sealing cover.



4. Remove the engine control module (ECM).
D 2.2 R VGT (Refer to Engine Control /Fuel System - "Engine Control Module (ECM)")
D 2.2 R VGT (Enhanced Euro 6) (Refer to Engine Control /Fuel System - "Engine Control Module (ECM)")
G 2.0 T-GDI (Refer to Engine Control /Fuel System - "Engine Control Module (ECM)")
G 3.3 T-GDI (Refer to Engine Control /Fuel System - "Engine Control Module (ECM)")
5. Disconnect the brake fluid level sensor connector.



6. Loosen the master cylinder flare nuts.

Tightening torque:

18.6 - 22.5 N·m (1.9 - 2.3 kgf·m, 13.7 - 16.6 lb·ft)



7. Remove the master cylinder from the brake booster after loosening the mounting nuts.

Tightening torque:

12.7 - 16.7 N·m (1.3 - 1.7 kgf·m, 9.4 - 12.3 lb·ft)

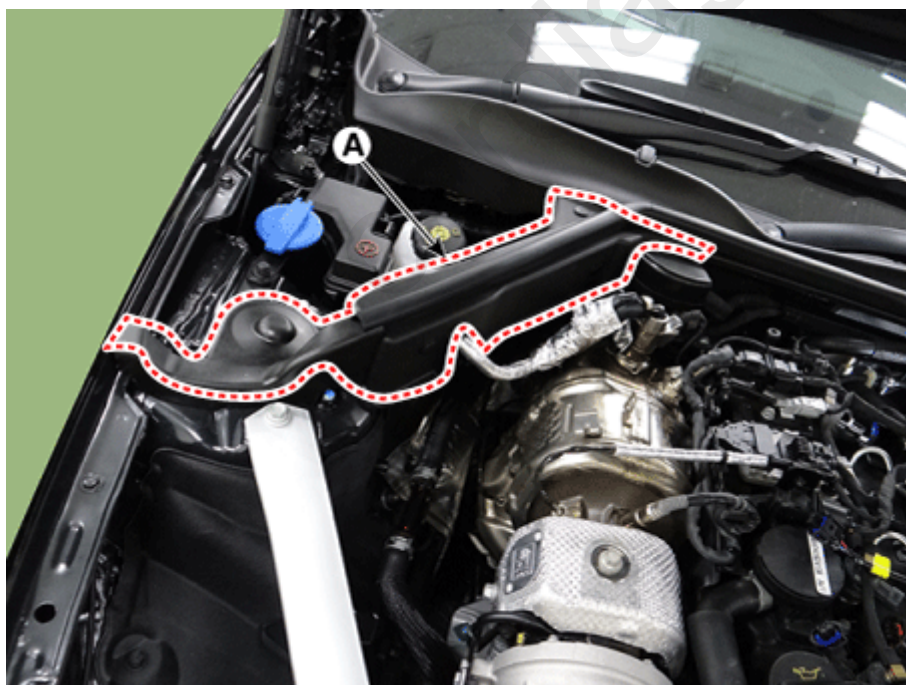
**[RHD]**

1. Turn ignition switch OFF and disconnect the negative (-) battery cable.
2. Remove the brake fluid from the master cylinder reservoir with a syringe.

NOTICE

Do not spill brake fluid on the vehicle as it may damage the paint. If brake fluid comes in contact with the paint, wash off immediately with water.

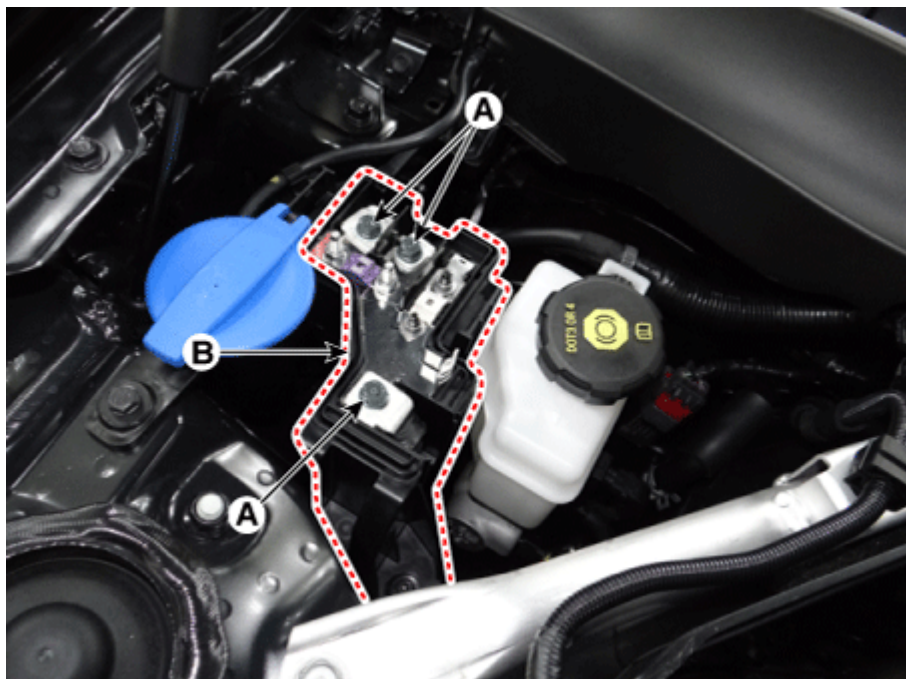
3. Remove the RH hood sealing cover (A).



4. Disconnect the wirings (A) from the joint junction block.
5. Detach the joint junction block (B).

Tightening torque:

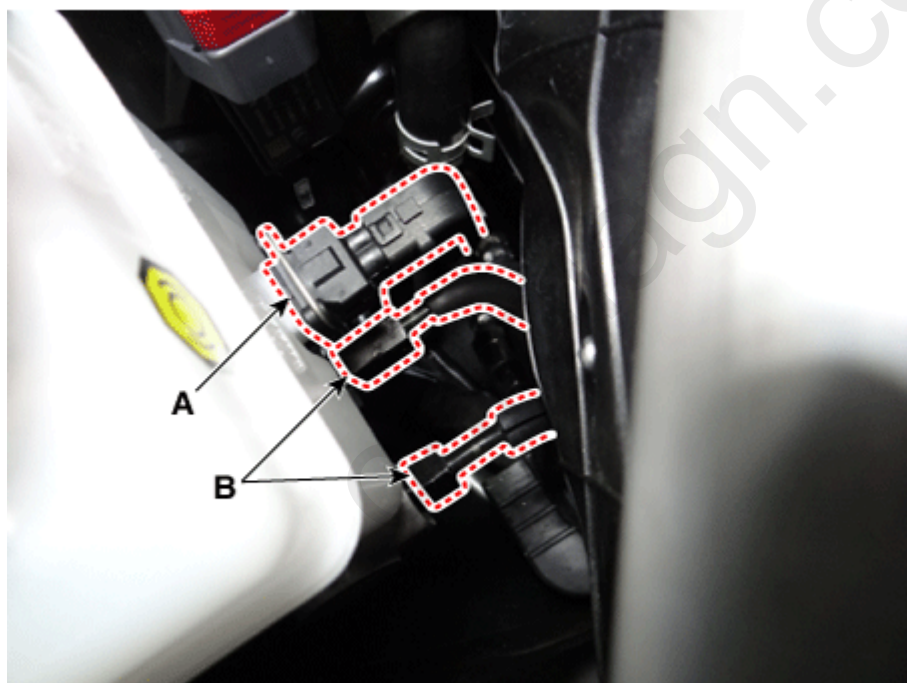
10.8 - 13.7 N·m (1.1 - 1.4 kgf·m, 8.0 - 10.1 lb·ft)



6. Disconnect the brake fluid level sensor connector (A).
7. Loosen the master cylinder flare nuts (B).

Tightening torque:

18.6 - 22.5 N·m (1.9 - 2.3 kgf·m, 13.7 - 16.6 lb·ft)



8. Remove the master cylinder (A) from the brake booster after loosening the mounting nuts.

Tightening torque:

12.7 - 16.7 N·m (1.3 - 1.7 kgf·m, 9.4 - 12.3 lb·ft)



INSTALLATION

1. Install in the reverse order of removal.
2. After installation, bleed the brake system.
(Refer to Brake system - "Brake Bleeding Procedures")

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