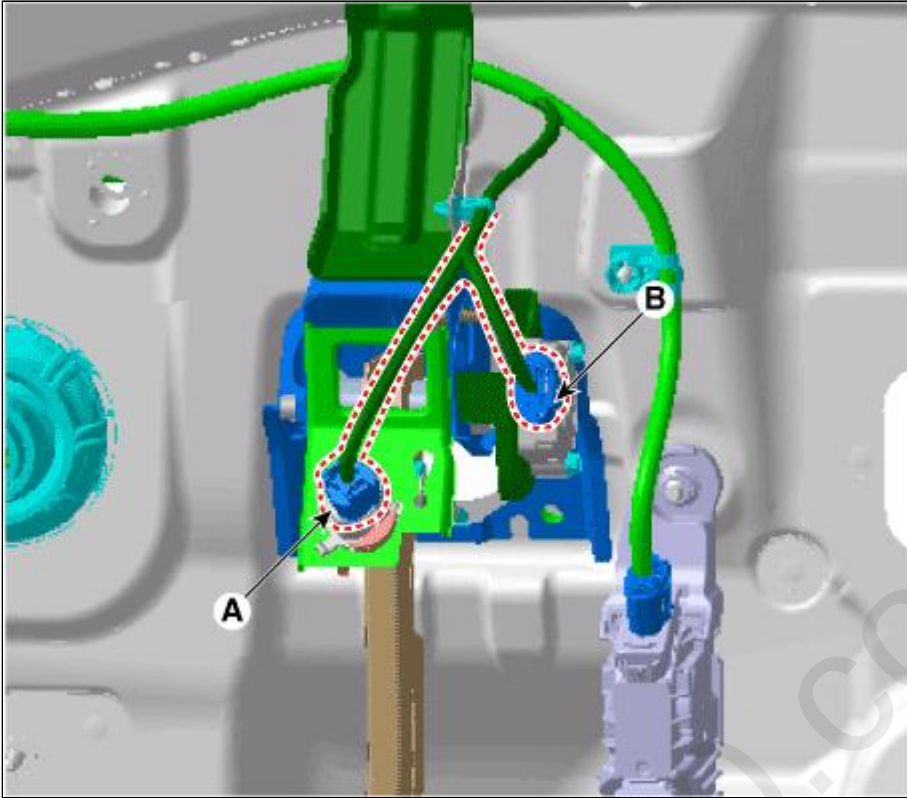


Removal

1. Turn ignition switch OFF and disconnect the negative (+) battery cable.
2. Remove the crash pad lower panel.
(Refer to Body - "Crash Pad")
3. Disconnect the stop lamp switch connector (A) and the brake pedal stroke sensor connector (B).



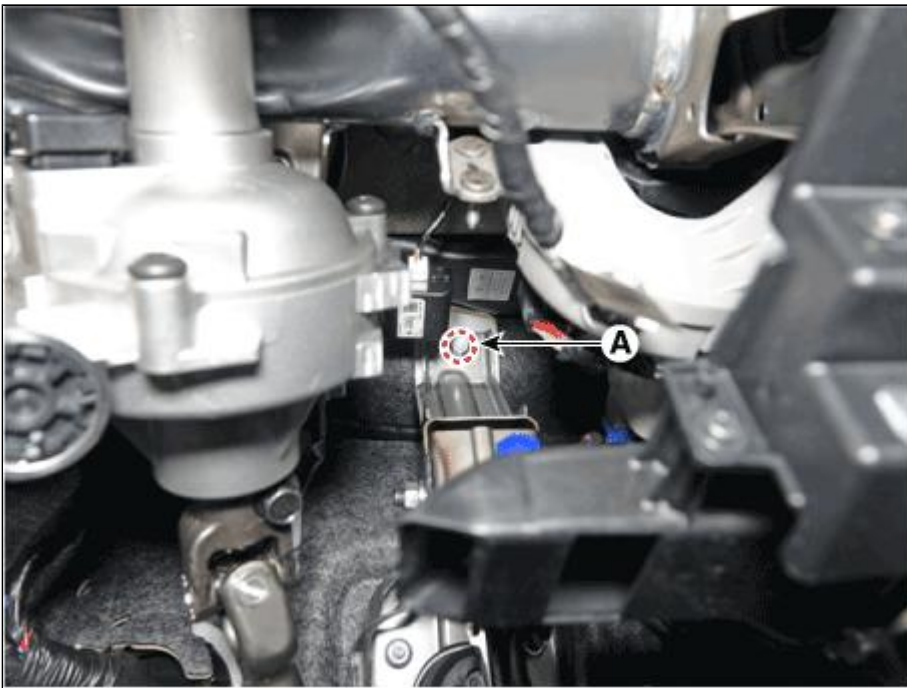
4. Remove the snap pin (A) and clevis pin (B).



5. Loosen the brake pedal mounting nut (A) and then remove the brake pedal.

Tightening torque :

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



Installation

1. Install in the reverse of removal.
2. Check the brake pedal operation.
3. Conduct calibration after removing the brake pedal assembly.

Adjustment

Brake Pedal Sensor Calibration

The brake pedal sensor calculates the pedal full stroke according to the preset zero. Therefore, zeroing adjustment is necessary when first installed. Calibration must be performed as following cases.

After changing the brake pedal assembly (you cannot change only the sensor).

After changing the Integrated Electronic Booster (IEB).

When error codes C1380 (calibration) or C1379 (signal error) are detected.

After bleeding Integrated Electronic Booster (IEB).

Brake Pedal Travel Sensor (PTS) Calibration Procedure

The calibration must be done while the vehicle is parked without stepping on the brake pedal and while there is no vibration on the vehicle.

1. Connect the self-diagnosis device. (CAN line or OBD connector)
2. Turn ignition switch ON.
3. Select calibration of the brake pedal sensor.
4. Follow prompts displayed on the self-diagnosis device screen to complete brake pedal sensor calibration.



5. Turn ignition switch off after calibration procedure.
6. Confirm success or failure of calibration.

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