Hyundai Kona: Dual Clutch Transmission Control System / Shift Cable Repair procedures

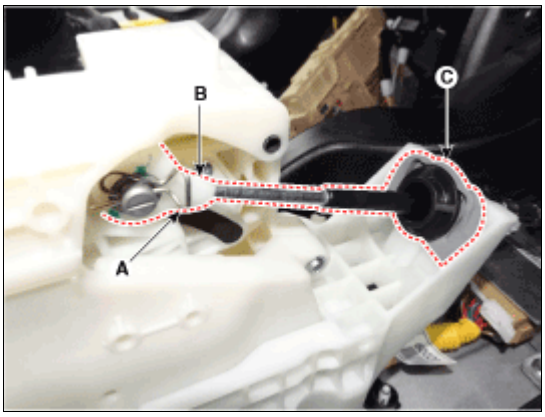
Removal

1. Place the shift lever in the "N" position
2. Remove the air cleaner assembly and air duct.
   (Refer to Engine Mechanical System - "Air Cleaner")
3. Remove the battery and tray.
   (Refer to Engine Electical System - "Battery")
4. Remove the ECM.
   (Refer to Engine Control System - "ECM")
5. Remove the shift cable (C) from the cable bracket (B), after loosening the shift cable nut (A).

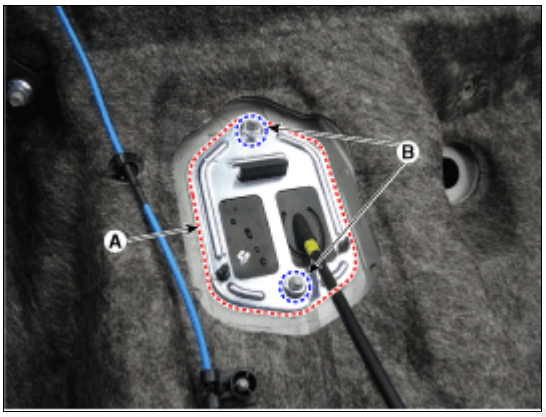


6. Remove the floor console assembly.
   (Refer to Body - "Floor Console")
7. Remove the crash pad.
   (Refer to Body - "Crash Pad")
8. Remove the heater and blower.
   (Refer to Heating, Ventilation and Air Conditioning - "Heater")

9. Disconnect the shift cable.
   (1) Disconnect the eye-end (B) after removing the snap pin (A).
   (2) Release the lock and then remove the cable socket (C).



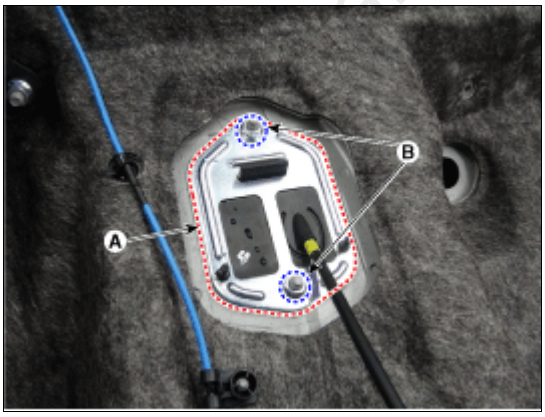
10. Remove the retainer (A) by loosening the nuts (B-2ea).



11. Remove the shift cable from the vehicle.

Installation

1. Install the retainer (A) and then tighten the nut (B-2ea).
   Tightening torque :
   11.8 - 14.7 N.m (1.2 - 1.5 kgf.m, 8.7 - 10.8 lb-ft)



2. Install the shift cable (A) and then fix the snap pin (B).

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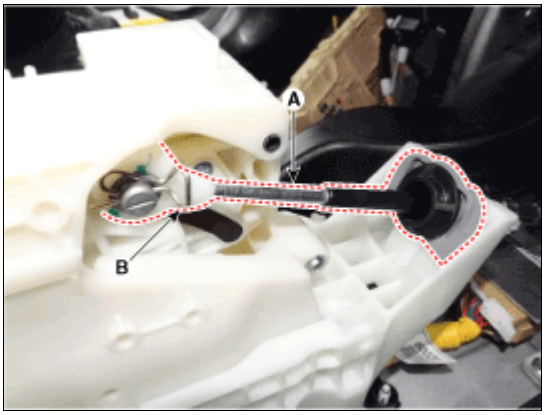
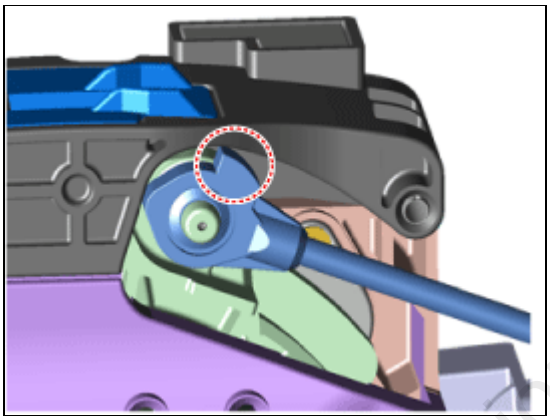
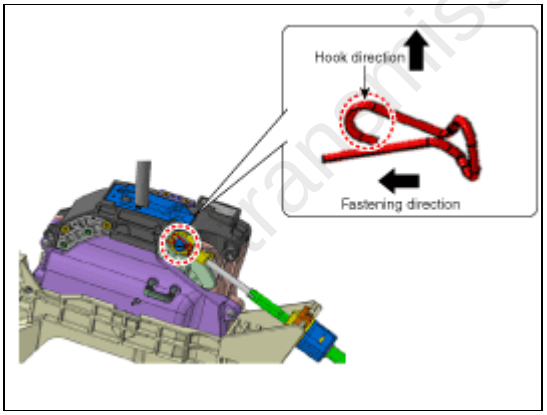


⚠ CAUTION

- Before installing, check that the shift lever and manual control lever are placed in the "N" position.
- Insert the shift cable after checking the direction of projection to prevent wrong assembly.



- When assembling the snap pin, be careful about the correct direction.



3. Install the shift cable (A) in the cable bracket (B).
4. Align the hole (C) in the manual control lever with the "N" position hole (D) of the inhibitor switch and then insert the inhibitor switch guide pin (SST No.:09480-A3800).
5. Lightly tighten the nut (E) after connected the shift cable (B) in the manual control lever.
6. Push shift cable (B) lightly to "F" direction shown to eliminate free play of shift cable.
7. Tighten the nut (E) with the specified torque.
   Tightening torque :
   9.8 - 13.7 N.m (1.0 - 1.4 kgf.m, 7.2 - 10.1 lb-ft)

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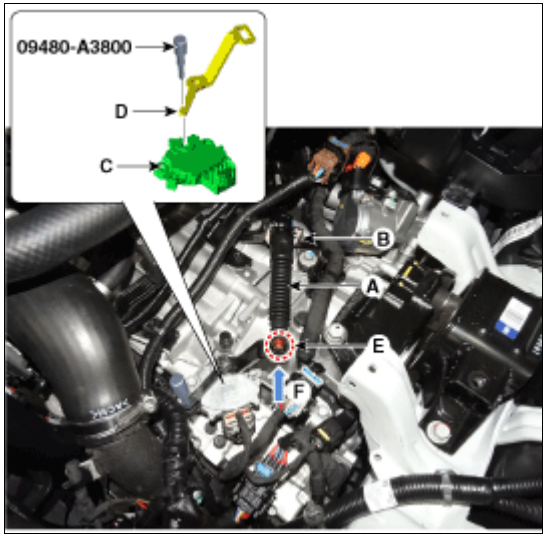

8. Remove the inhibitor switch guide pin (SST No.:09480-A3800) from the hole.
9. Install the battery and tray.
   (Refer to Engine Electrical System - "Battery")
10. Install the ECM.
    (Refer to Engine Control System - "ECM")
11. Install the air cleaner assembly and air duct.
    (Refer to Engine Mechanical System - "Air cleaner")

⚠ CAUTION

- Check that operating surely at each range of the inhibitor switch corresponding to each position of shift lever.

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