

Removal

⚠ WARNING

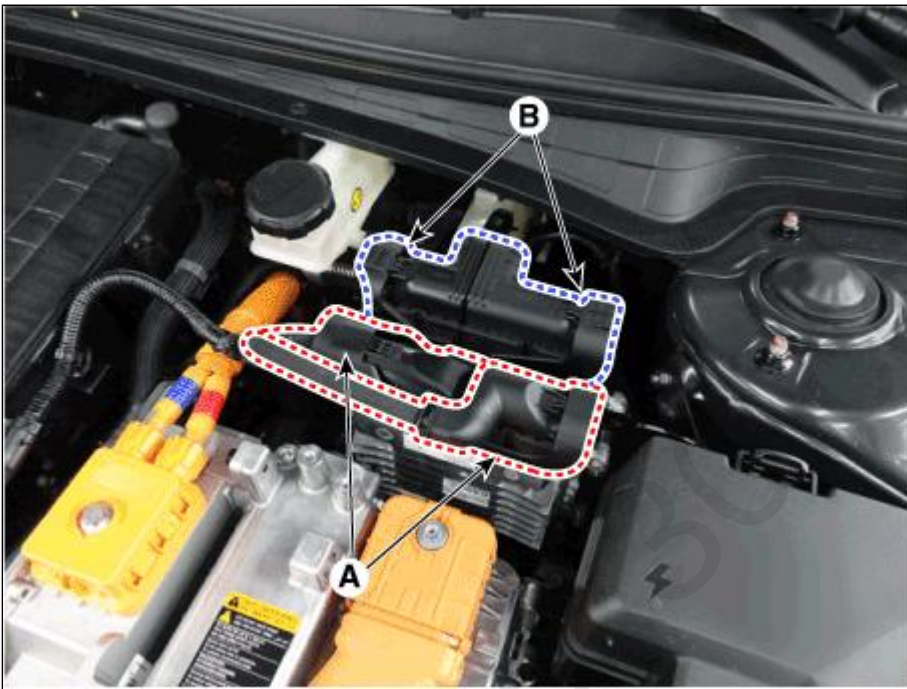
Be sure to read and follow the "General Safety Information and Caution" before doing any work related with the high voltage system. Failure to follow the safety instructions may result in serious electrical injuries.

NOTICE

Use fender covers to avoid damaging painted surfaces.

To avoid damage, unplug the wiring connectors carefully while holding the connector portion.

1. Shut off the High Voltage circuit.
(Refer to General Information - "High Voltage Shutoff Procedure")
2. Disconnect the TCM connector (A) and ECM connector (B).



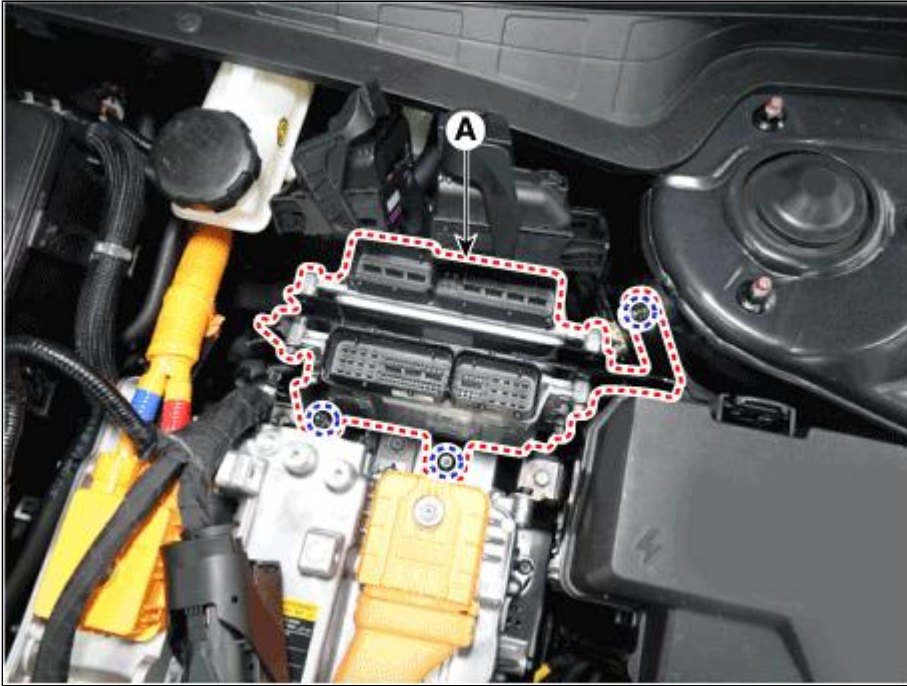
3. Separate the wiring clip (A).



4. Loosen the nuts and then removing the TCM & ECM bracket assembly (A).

Tightening torque :

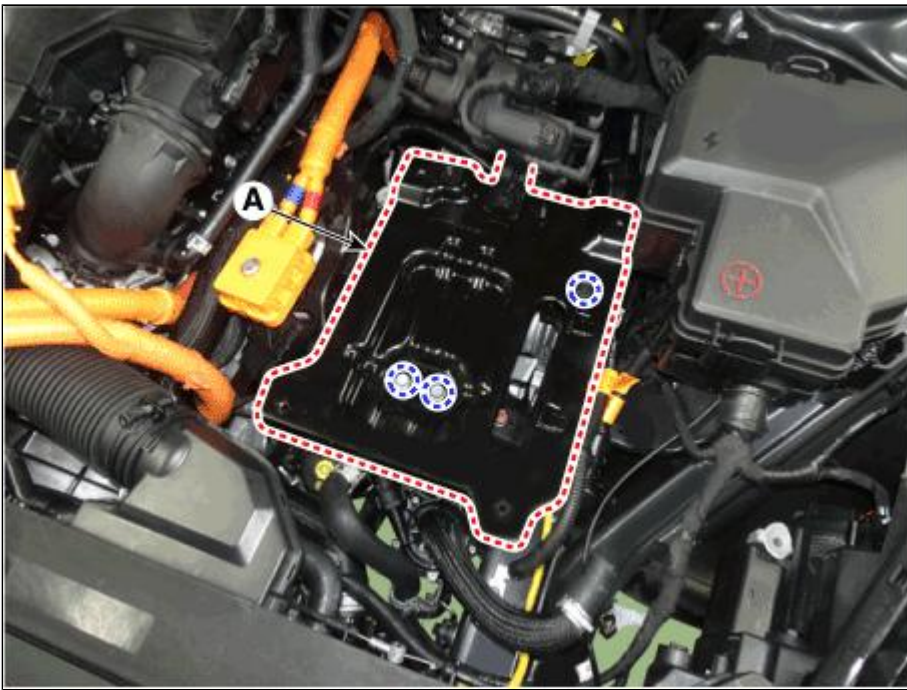
9.8 - 11.8 N.m (1.0 - 1.2 kgf.m, 7.2 - 8.7 lb-ft)



5. Remove the HPCU(Hybrid Power Control Unit).
(Hybrid Control System - "HPCU (Hybrid Power Control Unit)")
6. Separate the wiring clip (A).



7. Loosen the mounting bolts and the clips and then removing the HPCU tray (A).



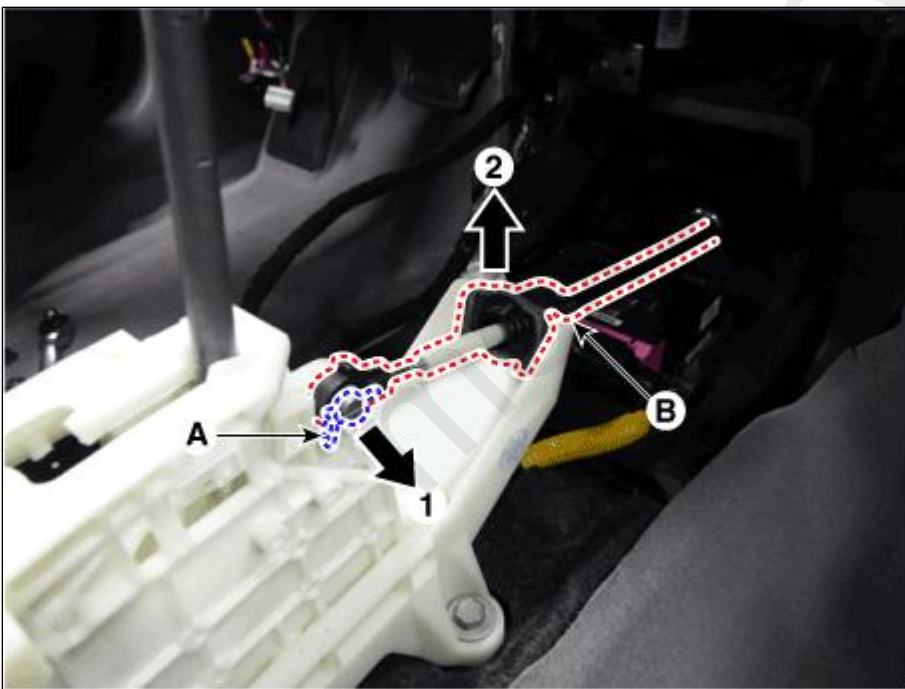
8. Loosen the shift cable mounting nut (A).



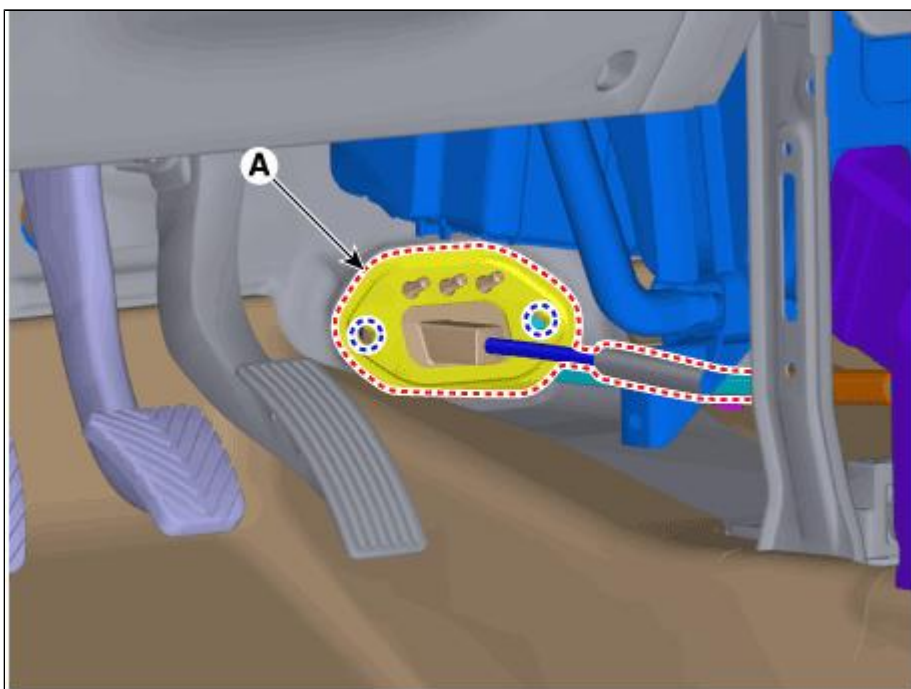
9. Remove the shift lever knob & boots pull both of it up.



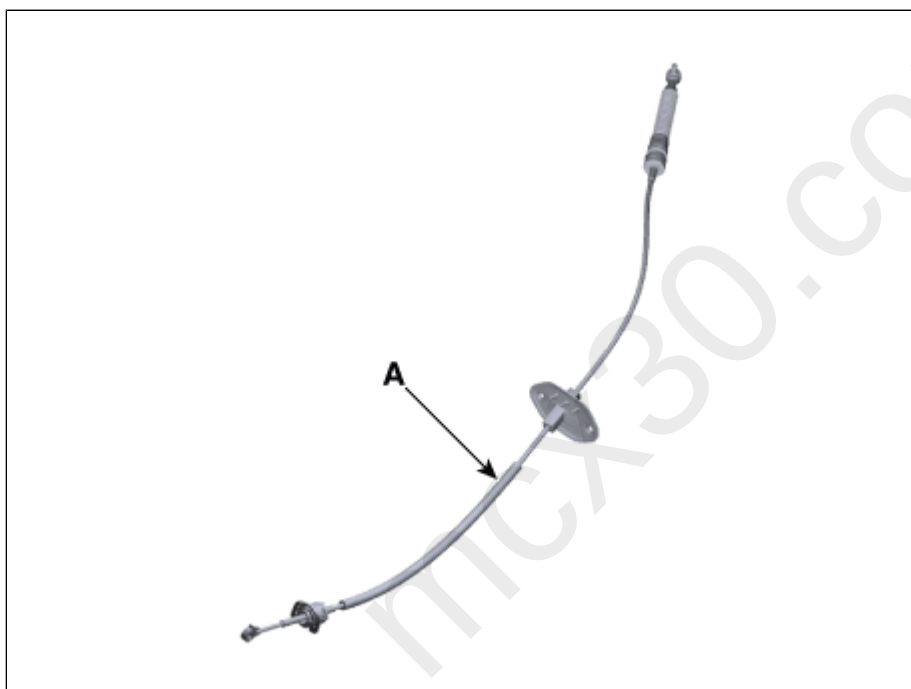
10. Remove the floor console assembly.
(Refer to Body (Interior and Exterior) - "Floor Console")
11. Separate the shift cable.
 - (1) Separatet the eye-end after removing the snap pin (A).
 - (2) Release the lock and then remove the cable socket (B).



12. Loosen the nuts and then removing the shift cable retainer (A).



13. Remove the shift cable (A) from the vehicle.



Installation

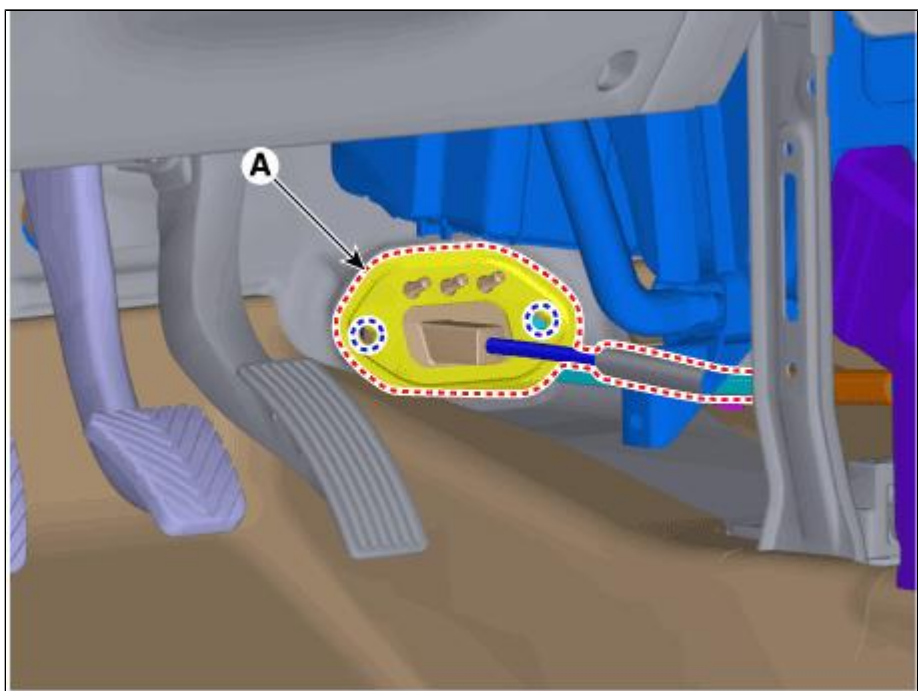
1. Install the retainer (A) and then tighten the nuts (B).

Tightening torque :

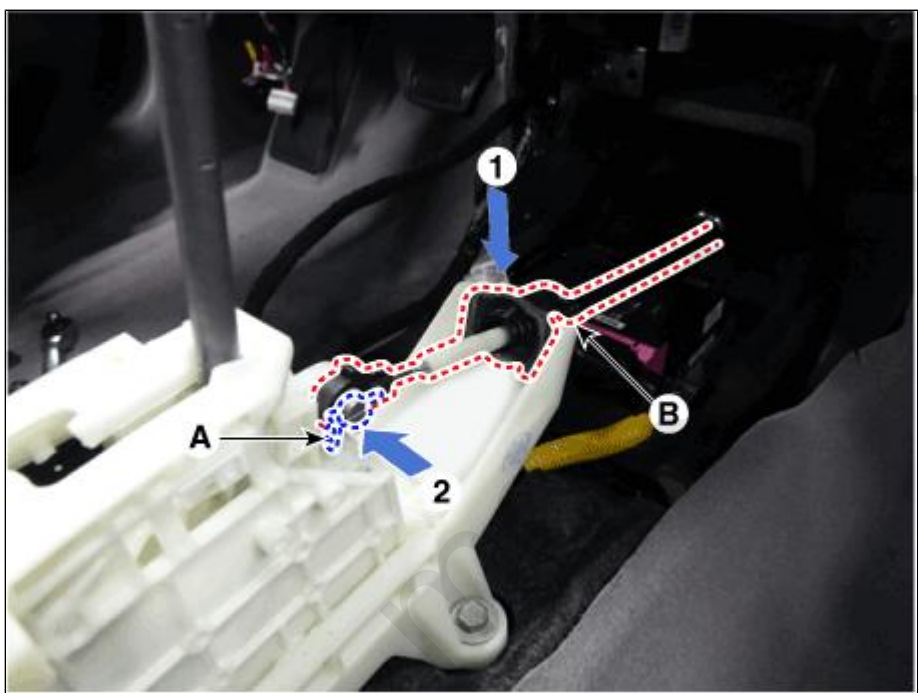
11.8 - 14.7 N.m (1.2 - 1.5 kgf.m, 8.7 - 10.8 lb-ft)

NOTICE

Install the cable after placing the shift lever and the manual control lever in the N position.

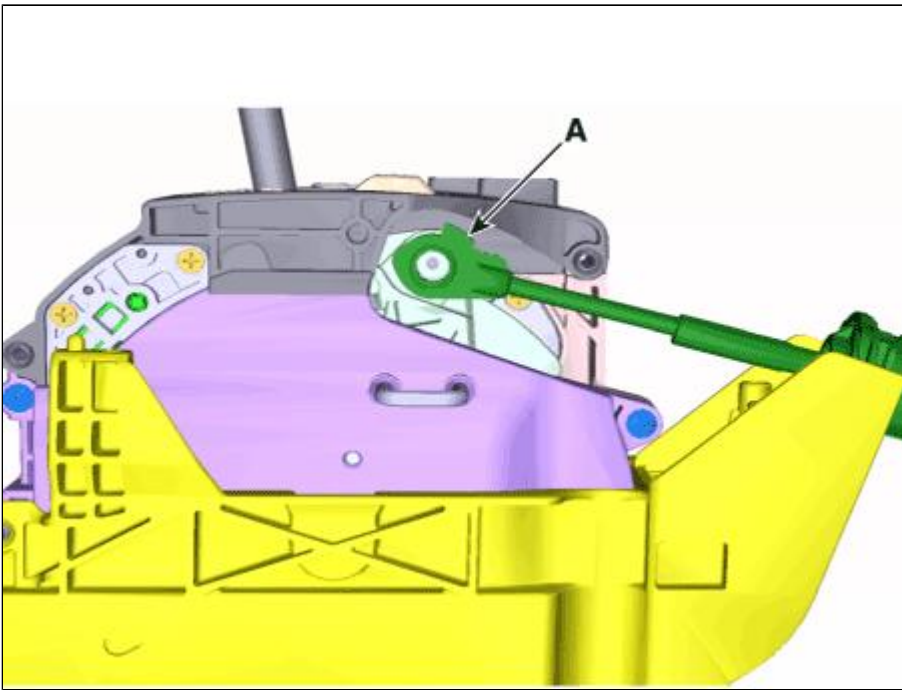


2. Install the shift cable (B) and then fix the snap pin (A).

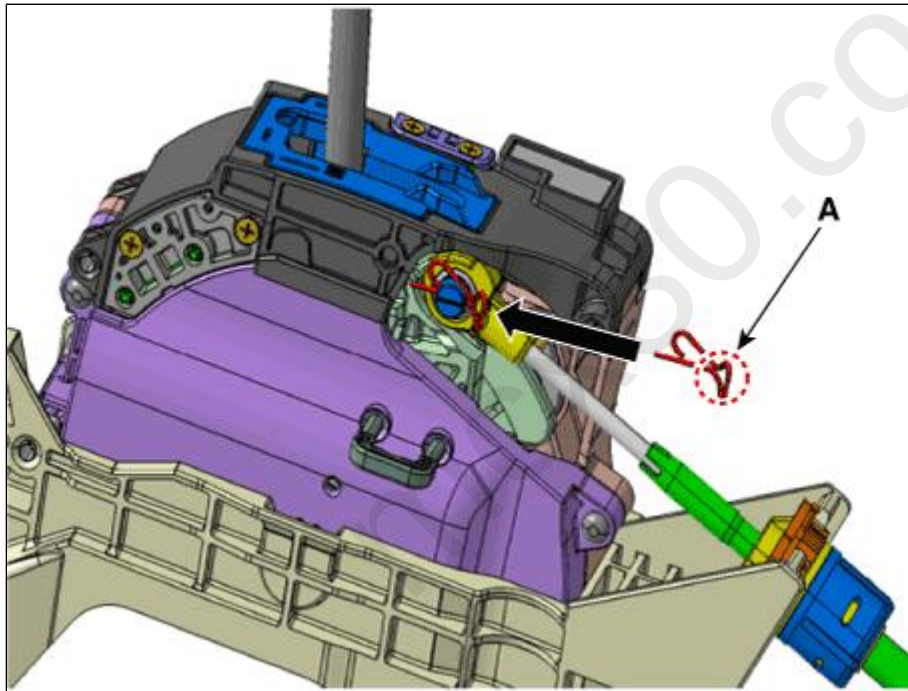


CAUTION

When assembling shift cable, the projection (A) must face upwards.



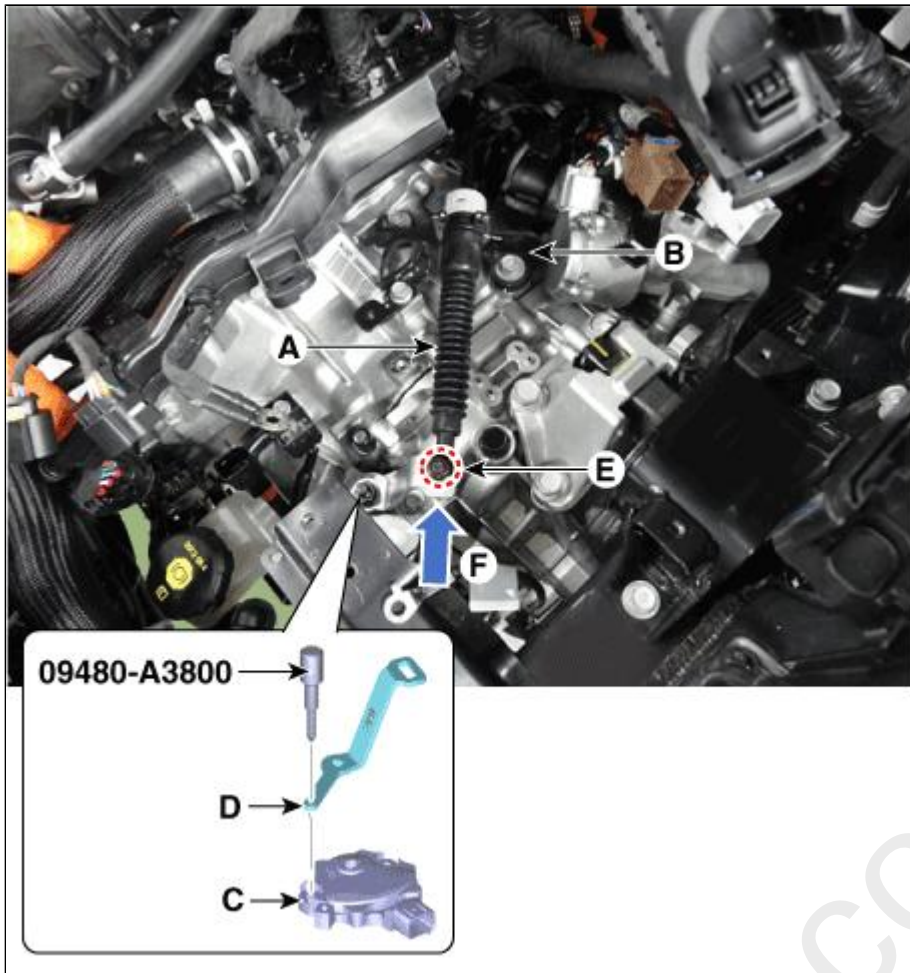
When assembling the snap pin, be careful about the correct direction.
The band portion (A) must point to the front of the vehicle.
The band portion (A) must point outwards.



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. Tighten the nut (E) after Push shift cable (B) lightly to "F" direction shown to eliminate free play of shift cable.

Tightening torque :

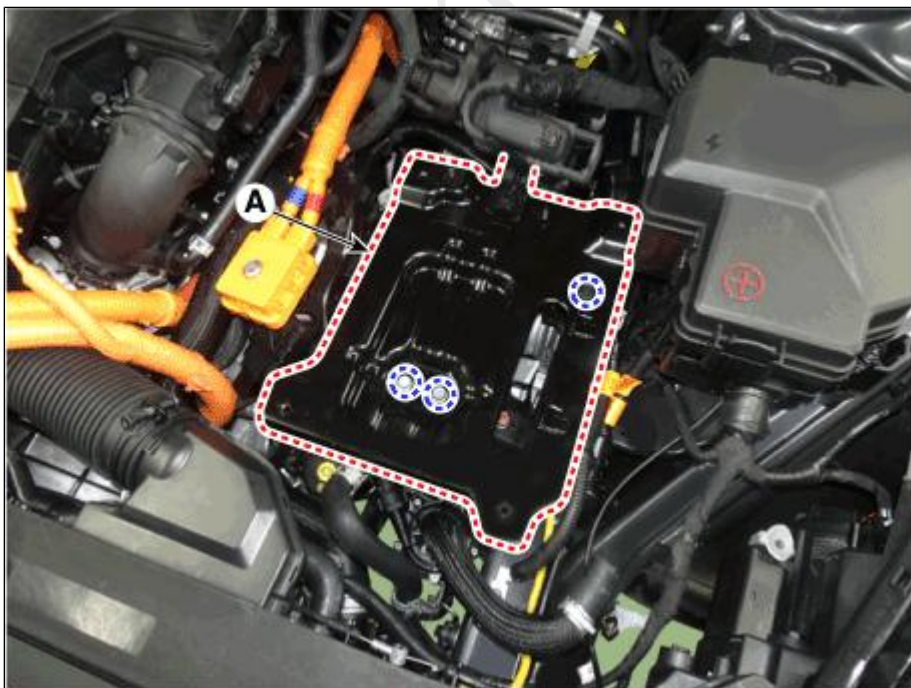
9.8 - 13.7 N.m (1.0 - 1.4 kgf.m, 7.2 - 10.1 lb-ft)



7. Remove the inhibitor switch guide pin (SST No. : 09480-A3800) from the hole.
8. Install the engine room under cover.
(Refer to Engine Mechanical System - "Engine Room Under Cover")
9. Install the HPCU (Hybrid Power Control Unit) tray (A).

Tightening torque :

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



10. Install the TCM and ECM.
(Refer to Engine Control System - "Engine Control Module (ECM)")

11. Install the HPCU (Hybrid Power Control Unit).
(Refer to Hybrid Control System - "HPCU (Hybrid Power Control Unit)")
12. Bleed air from the hybrid motor cooling system using the diagnostic tool.
(Refer to Hybrid Motor System- "Coolant")
13. Install the floor console assembly.
(Refer to Body - "Floor Console")

⚠ CAUTION

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

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- ☐ Document Rating :

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Little Value	1	2	3	4	5	Excellent Value