

20. Engine Control Module (ECM)

A: REMOVAL

- 1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

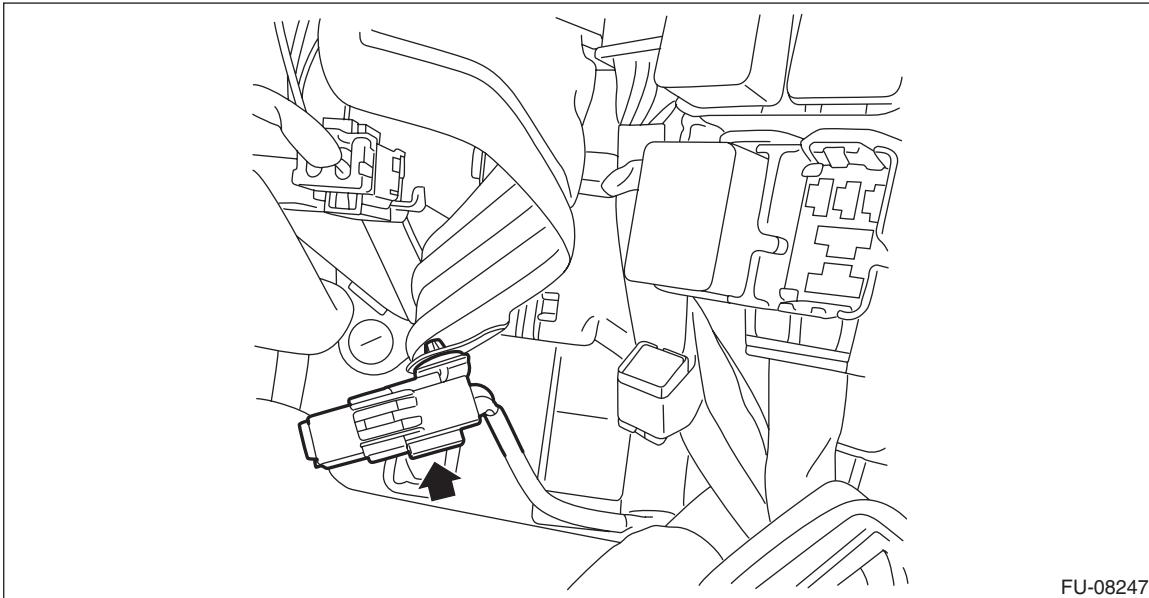
For the 12 volt engine restart battery, disconnect the ground terminal from 12V engine restart battery sensor.

- 2) Remove the glove box. <Ref. to EI-78, REMOVAL, Glove Box.>

- 3) Disconnect the connectors from ECM and the hybrid powertrain control module.



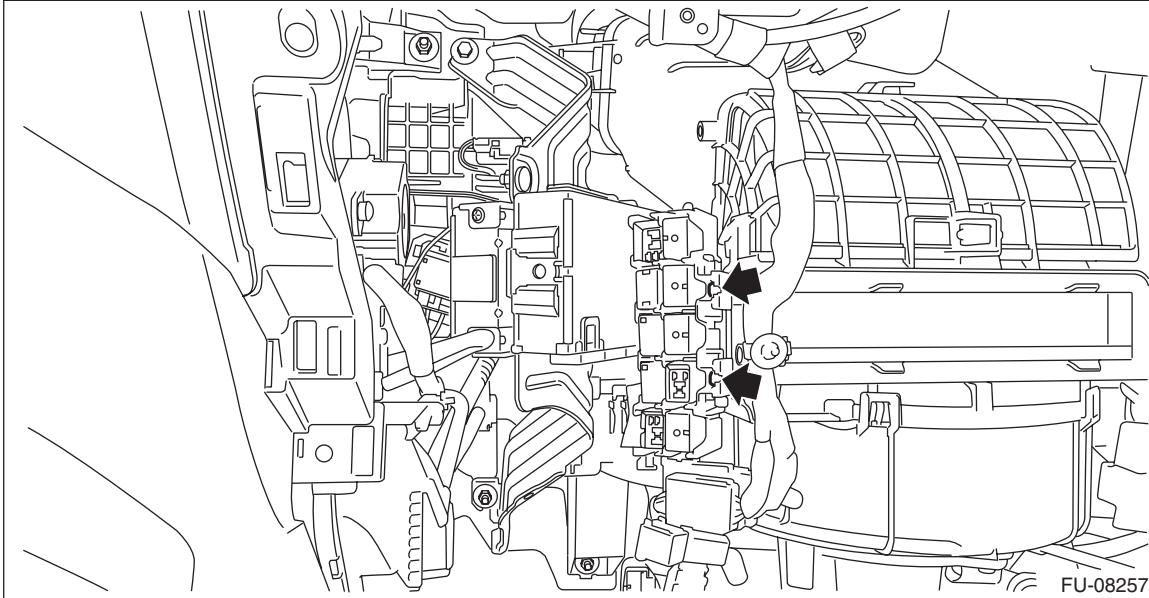
- 4) Remove the clip securing the linear solenoid relay from the bracket.



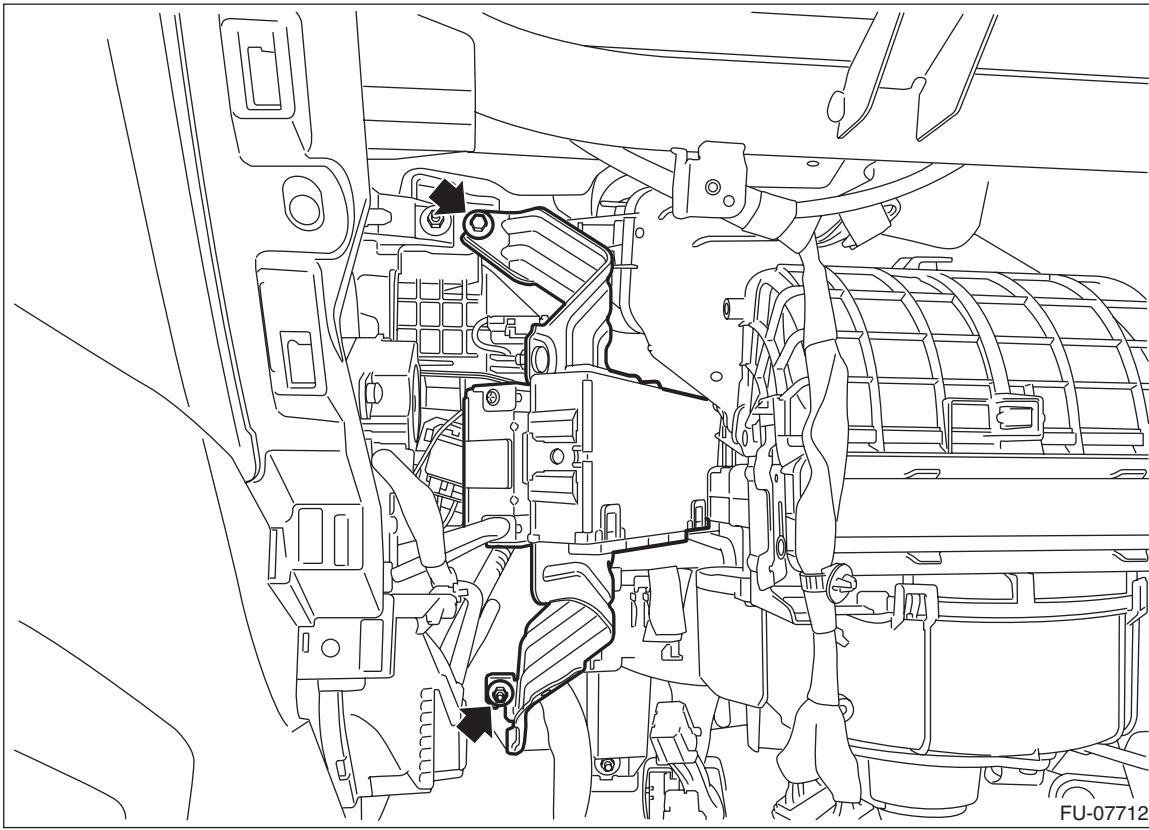
Engine Control Module (ECM)

FUEL INJECTION (FUEL SYSTEMS)

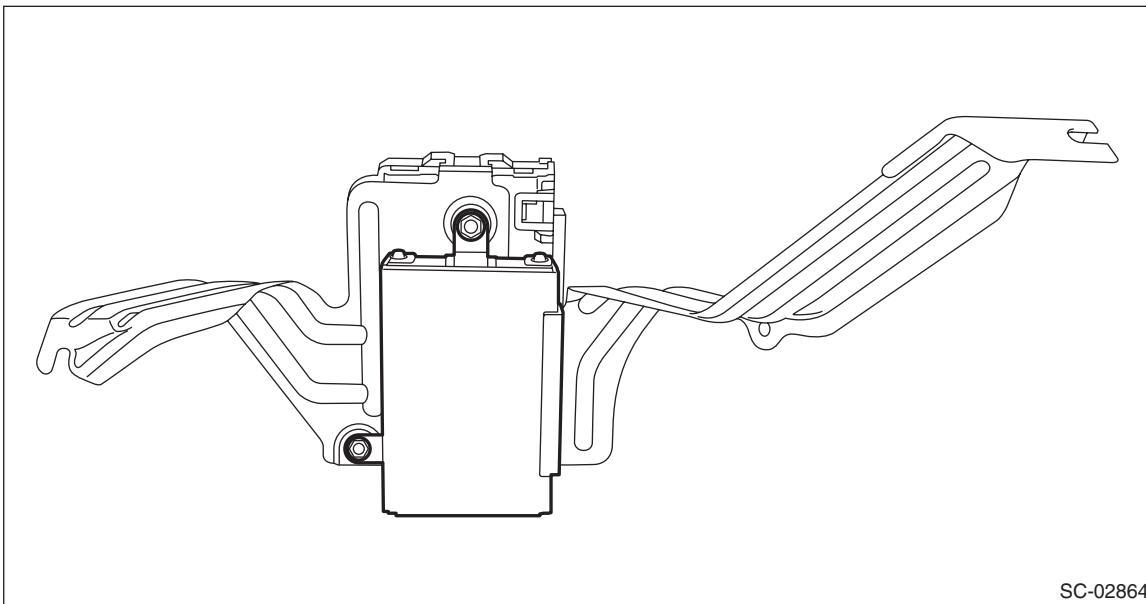
- 5) Push down the claws, and remove the relay block.



- 6) Remove the bolts and nuts, and remove the ECM.



7) Remove the hybrid powertrain control module.



B: INSTALLATION

Install in the reverse order of removal.

CAUTION:

- When the ECM of model with immobilizer has been replaced, be sure to perform the registration of immobilizer system. (Refer to the “REGISTRATION MANUAL FOR IMMOBILIZER”.)
- When the ECM has been replaced, be sure to perform the ACTGS calibration operation (perform ACTGS control system operation inspection). <Ref. to EN(H4DO HEV)(diag)-67, OPERATION, System Operation Check Mode.>
- If replacing ECM or the bracket, replace both parts with new parts at a time.
- After installing the bracket to ECM, do not separate the bracket.
- If the bracket has been installed to ECM in the wrong direction, replace both parts to new parts.

NOTE:

When replacing the ECM, be careful not to use the ECM of wrong specification to avoid any damage on the fuel injection system.

Tightening torque:

7.5 N·m (0.8 kgf-m, 5.5 ft-lb)

C: INSPECTION

Check that the ECM has no deformation, cracks or other damages.