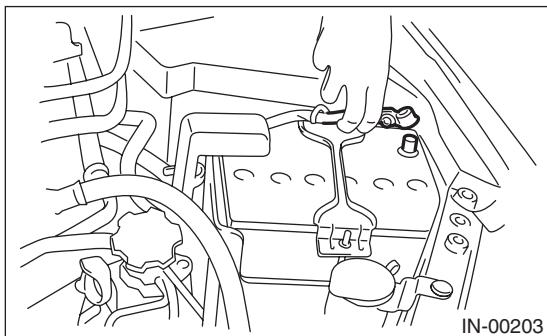


## 19. Engine Control Module (ECM)

### A: REMOVAL

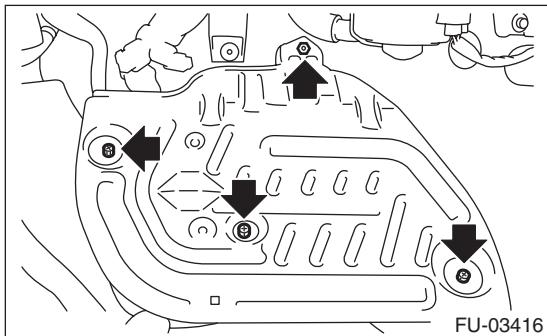
1) Disconnect the ground cable from battery.



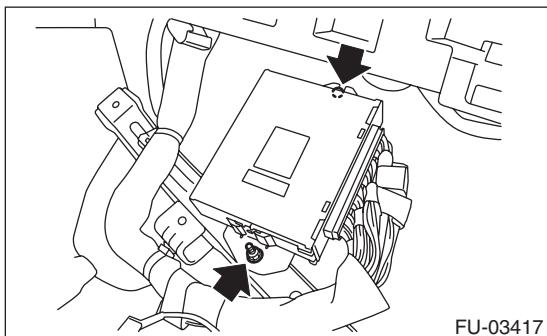
2) Remove the lower inner trim of passenger's side. <Ref. to EI-57, REMOVAL, Lower Inner Trim.>

3) Turn over the floor mat of passenger's seat.

4) Remove the protect cover.



5) Remove the nuts and bolts which hold the ECM to the bracket.



6) Disconnect the ECM connectors, and take out the ECM.

### 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 "PC application help for Subaru Select Monitor".)
- When replacing the ECM or bracket, replace both parts with new parts.
- After installing the bracket to the ECM, do not separate the bracket.
- If the bracket has been installed to the ECM in the wrong direction, replace both parts with new parts.

#### NOTE:

When replacing the ECM, be careful not to use the wrong spec. ECM 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.