

## 6. Battery Sensor

### A: REMOVAL

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

NOTE:

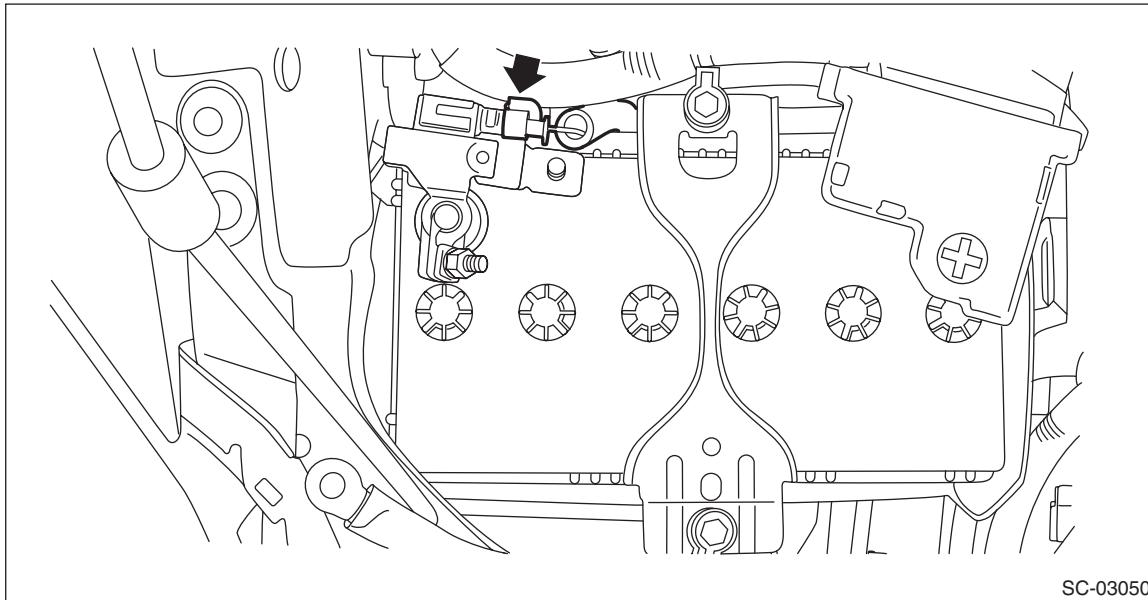
For the 12 volt engine restart battery, disconnect the ground terminal from 12V engine restart battery sensor.

2) Disconnect the connector from the 12V engine restart battery sensor.

3) Remove the 12V engine restart battery sensor from the 12 volt engine restart battery.

NOTE:

When removing the 12V engine restart battery sensor, pry the terminal tightening point of the 12V engine restart battery sensor using a flat tip screwdriver or similar tool wrapped with a protection tape.



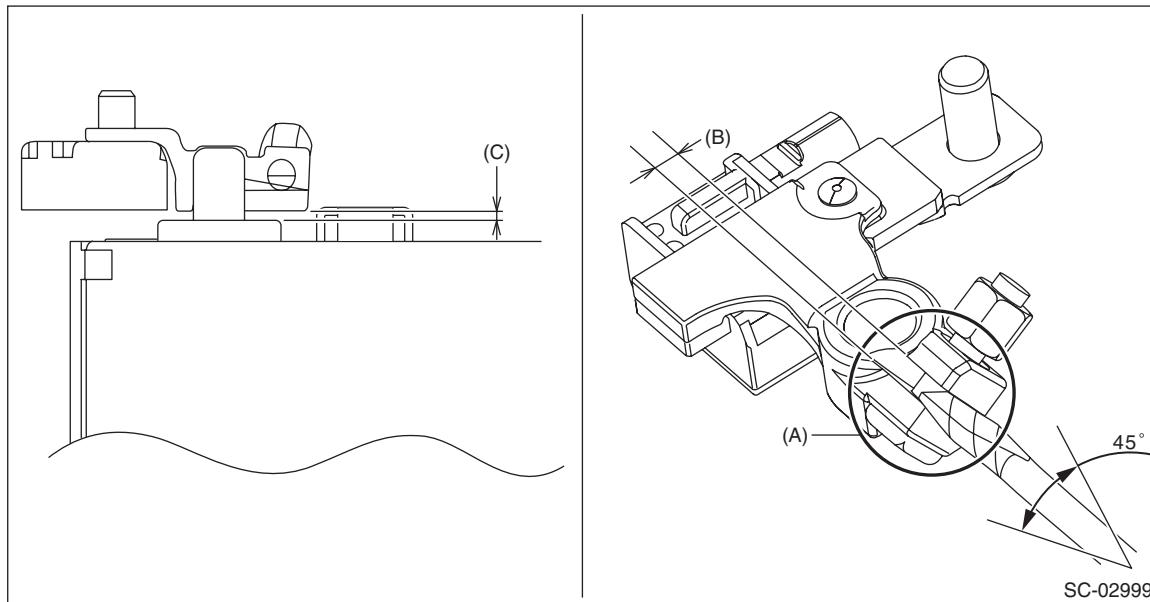
### B: INSTALLATION

1) Pry the terminal tightening point (A) of the 12V engine restart battery sensor by approx. 45° using a flat tip screwdriver or similar tool wrapped with a protection tape, and adjust the clearance (B) to be approx. 2.5 mm (0.0984 in).

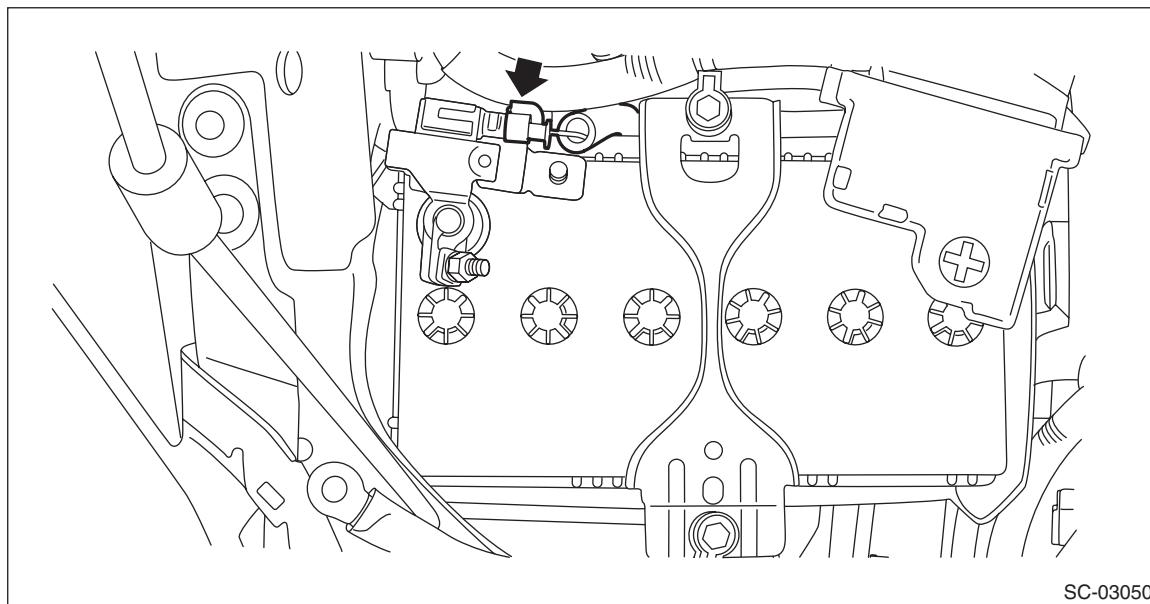
2) Adjust the clearance (C) to be 1.5 mm (0.0591 in) or less for the 12 volt engine restart battery and the 12V engine restart battery sensor, and install the 12V engine restart battery sensor to the 12 volt engine restart battery.

#### **Tightening torque:**

**5 N·m (0.5 kgf·m, 3.7 ft-lb)**



3) Connect the connector to 12V engine restart battery sensor.



4) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>

### C: INSPECTION

Check that the 12V engine restart battery sensor has no deformation, cracks or other damages.