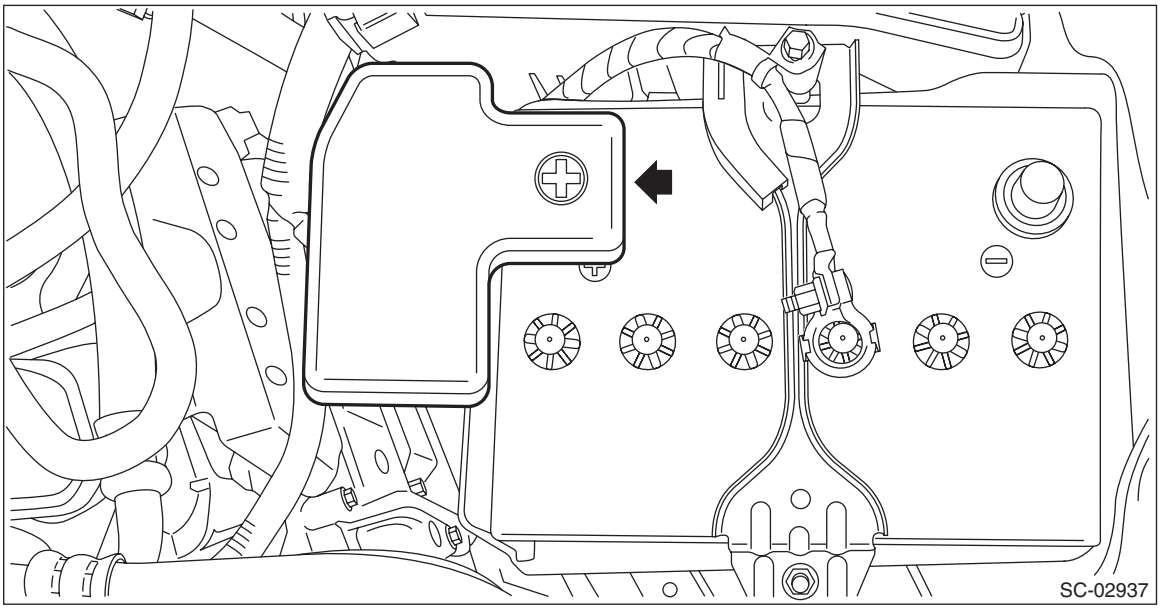
5. Battery Current & Temperature Sensor

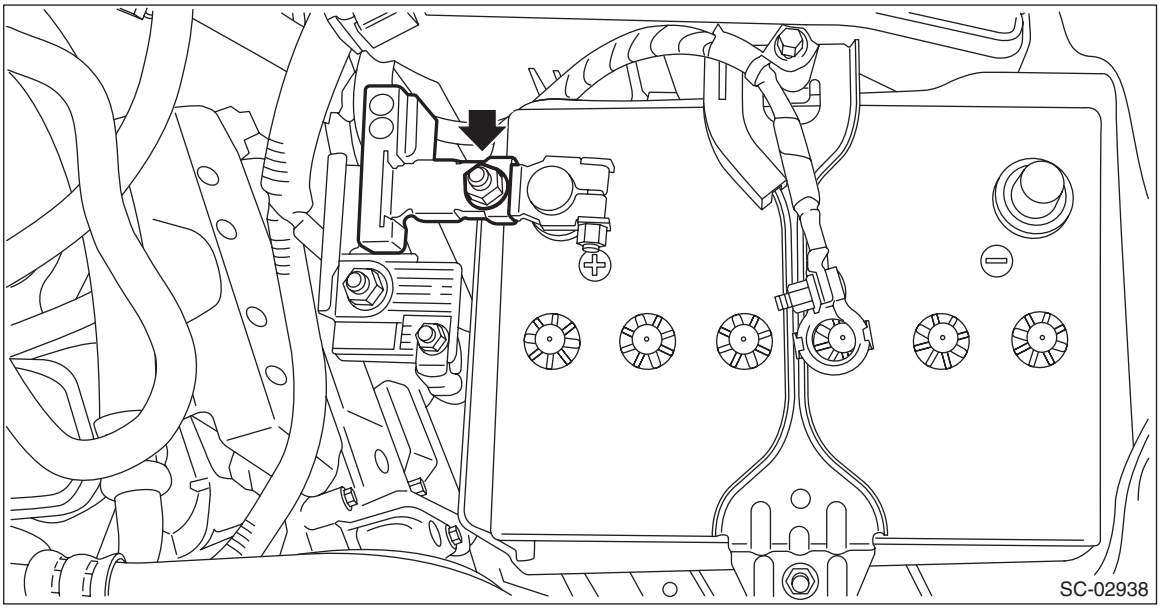
A: REMOVAL

1) Disconnect the ground cable from battery.
2) Remove the battery terminal boot.

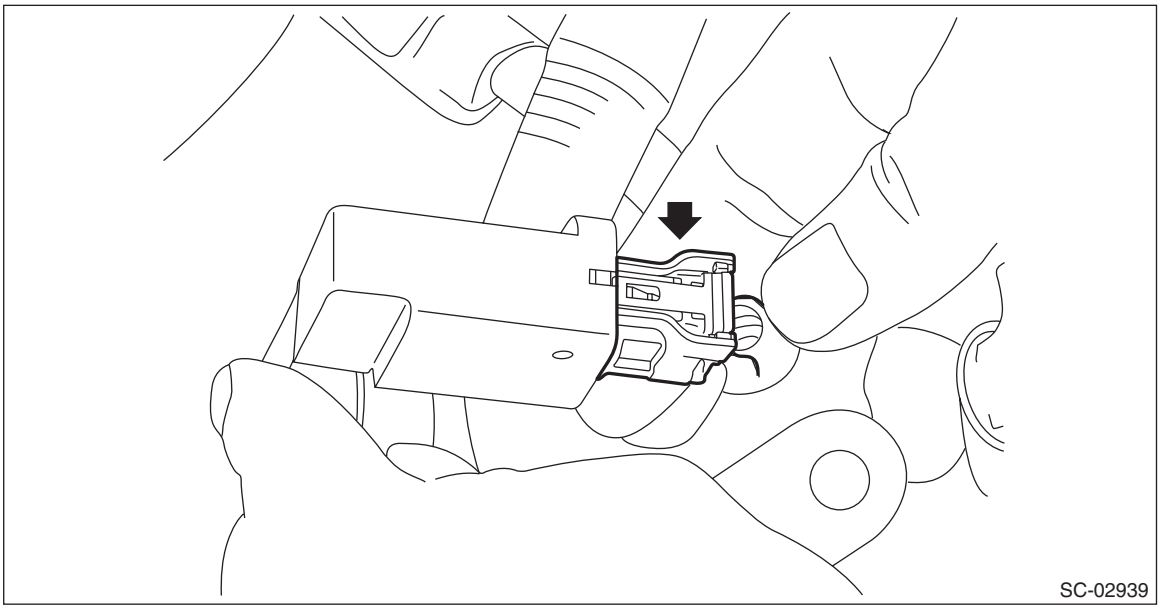


3) Remove the nut which holds the battery current & temperature sensor.

CAUTION:
- **Hold the terminal bracket with your hand when loosening the nut to avoid deforming the bracket.**
- **While working, be sure to protect metal parts with cloth.**



4) Disconnect the connectors from the battery current & temperature sensor.



B: INSTALLATION

Install in the reverse order of removal.

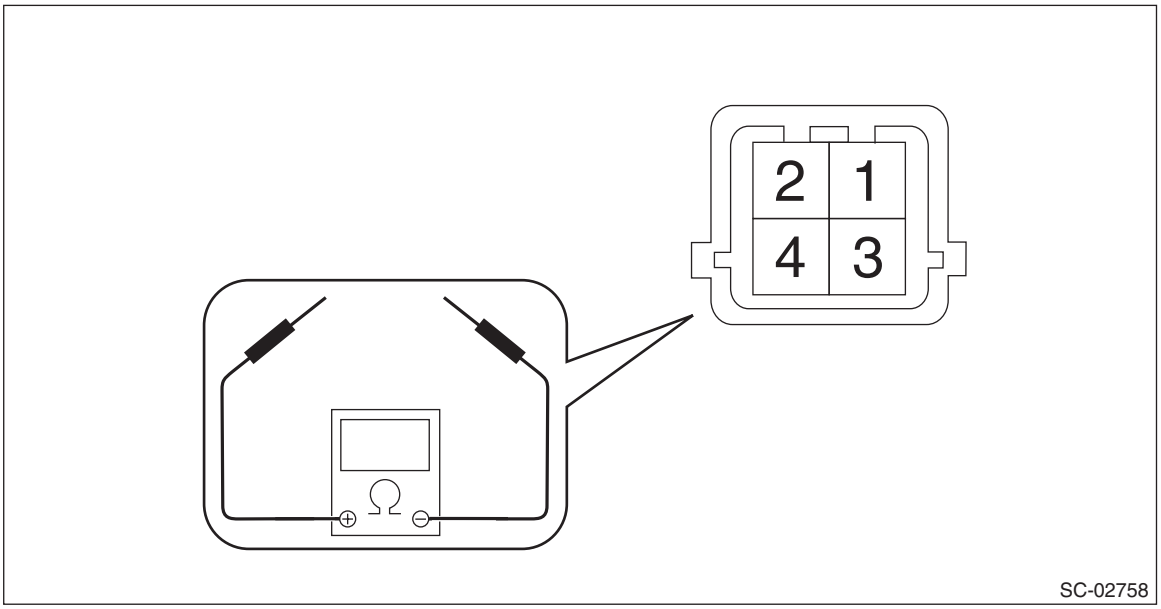
CAUTION:
- **Hold the terminal bracket with your hand when tightening the nut to avoid deforming the bracket.**
- **Install the terminal bracket so that it is level to the battery.**
- **While working, be sure to protect metal parts with cloth.**

Tightening torque:
7.5 N·m (0.8 kgf-m, 5.5 ft-lb)

C: INSPECTION

1. CHECK BATTERY CURRENT SENSOR UNIT

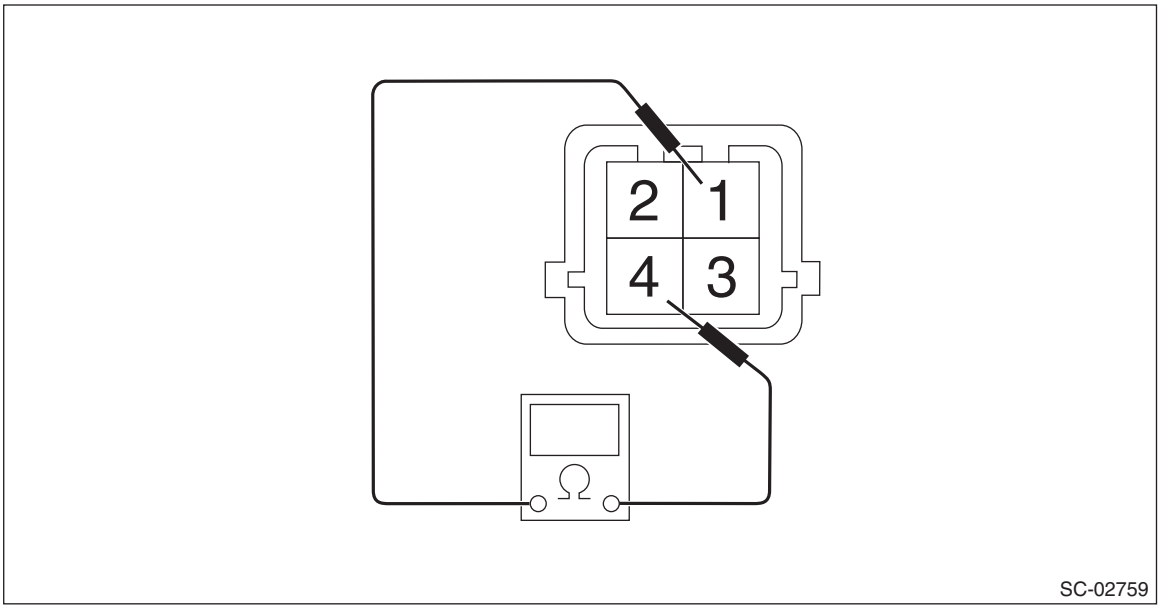
CAUTION:
Pay attention to polarity when measuring the resistance in the battery current sensor.
Check the resistance between the battery current sensor terminals.



Terminal No.	Standard
2 (+) and 3 (–)	0 — 0.5 kΩ
2 (+) and 4 (–)	3 — 10 kΩ
3 (+) and 4 (–)	3 — 10 kΩ

2. CHECK BATTERY TEMPERATURE SENSOR UNIT

Check the resistance between the battery temperature sensor terminals.



Temperature	Terminal No.	Standard
20 — 30°C (68 — 86°F)	1 and 4	1.3 — 3.2 kΩ

3. OTHER INSPECTIONS

Check that the battery current & temperature sensor has no deformation, cracks or other damages.

ENGINE (DIAGNOSTICS)

EN(H4DO)(diag)