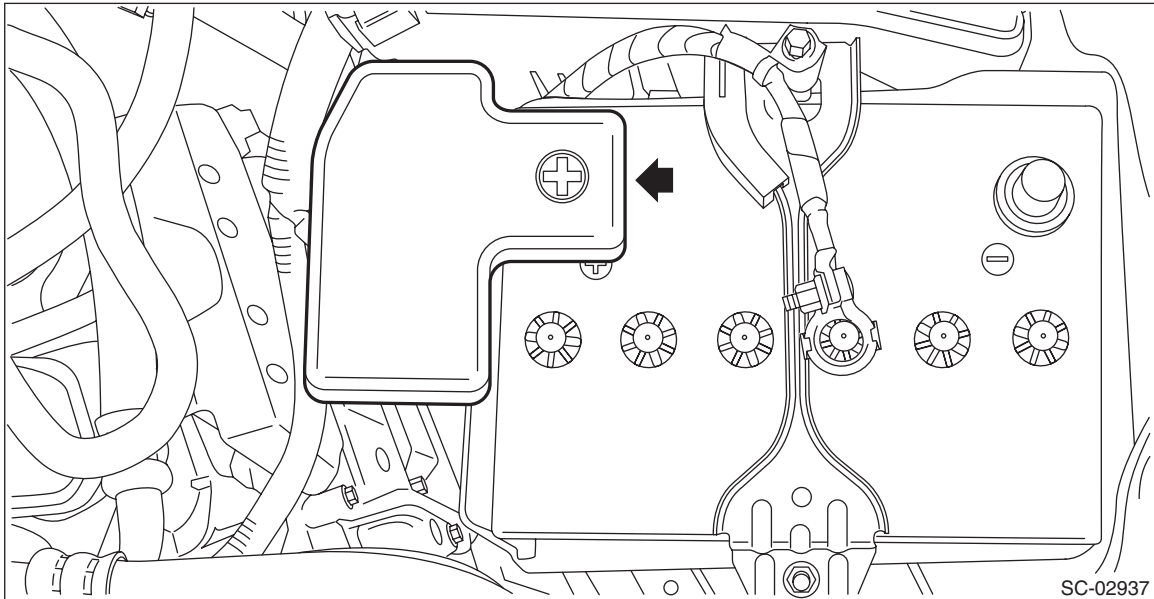


5. Battery Current & Temperature Sensor

A: REMOVAL

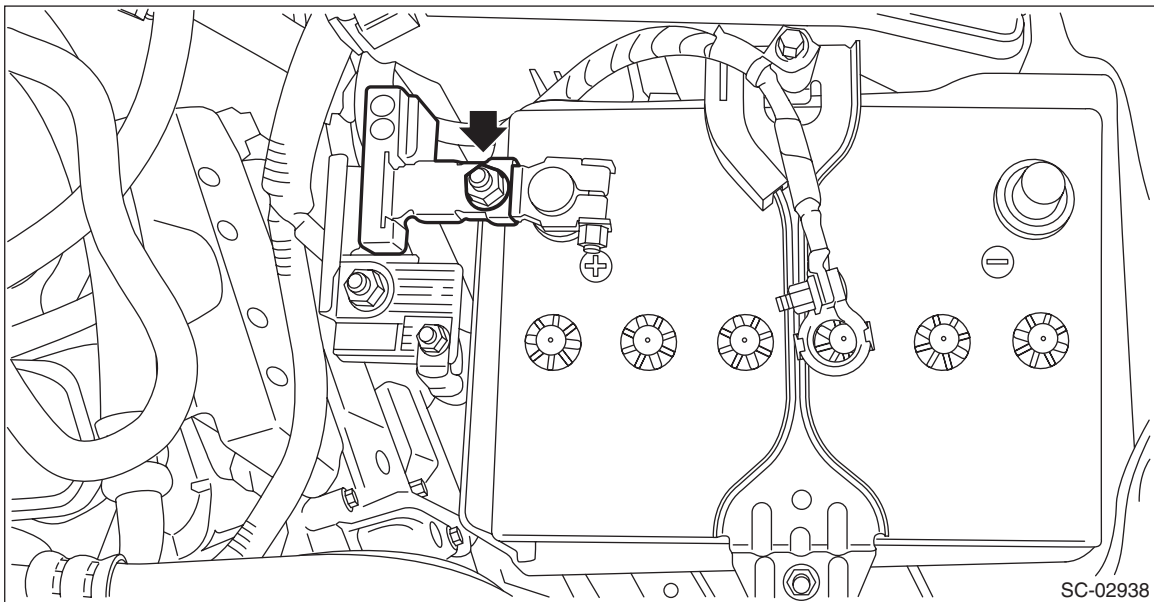
- 1) Disconnect the ground cable from battery.
- 2) Remove the battery terminal boot.



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

CAUTION:

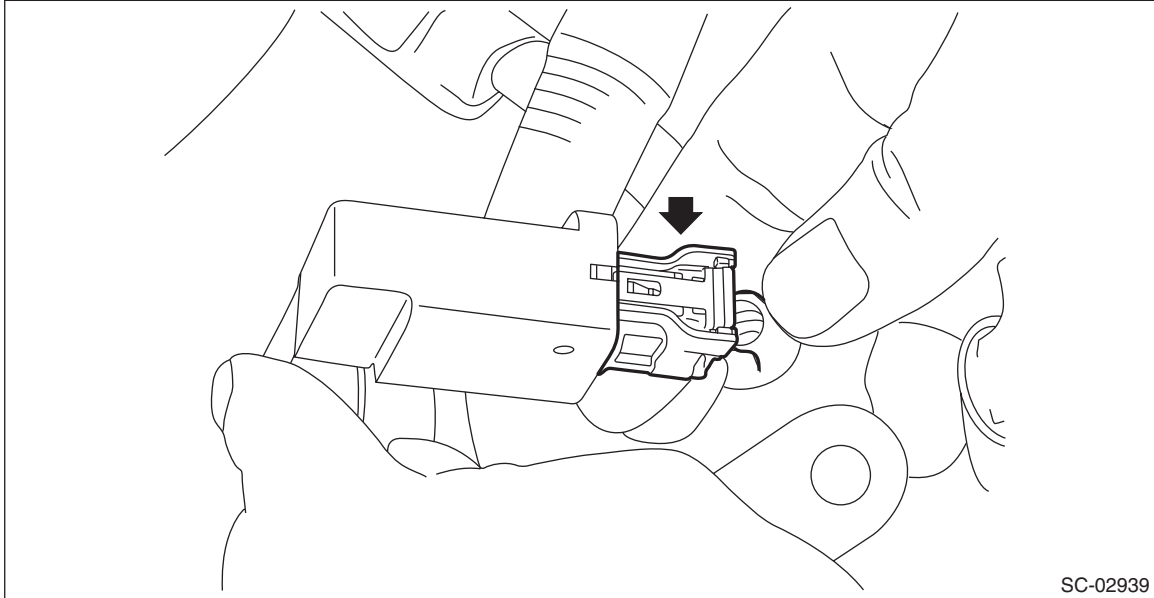
- Hold the terminal bracket with your hand when loosening the nut to avoid deforming the bracket.
- While working, be sure to protect metal parts with cloth.



Battery Current & Temperature Sensor

STARTING/CHARGING SYSTEMS

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)

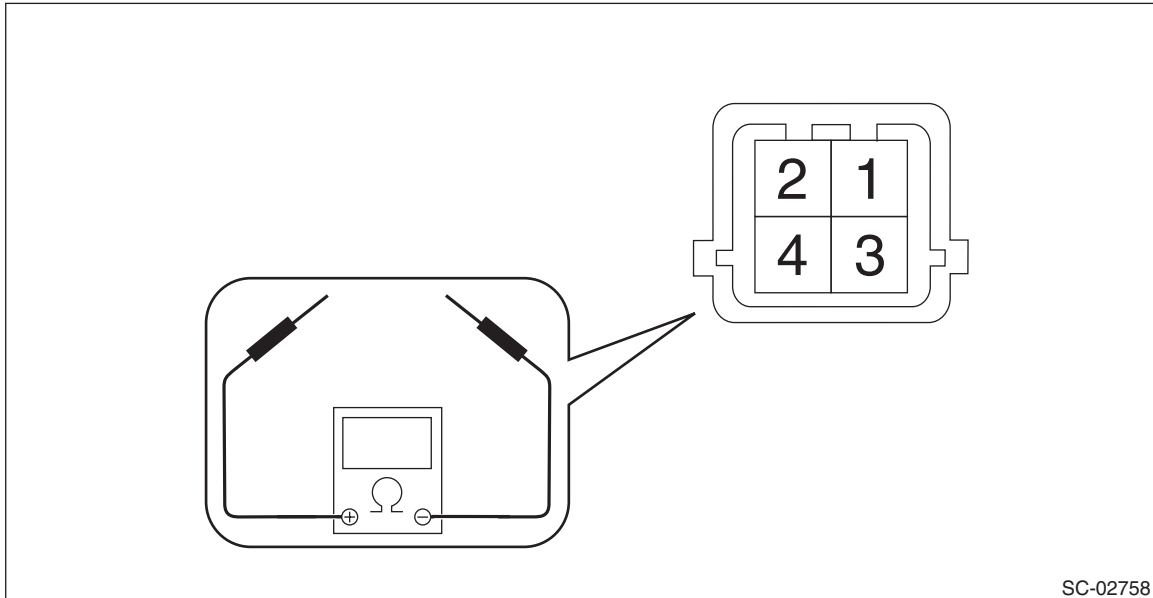
C: INSPECTION

1. CHECK BATTERY CURRENT SENSOR UNIT

CAUTION:

Pay attention to polarity when measuring the resistance in the battery current sensor.

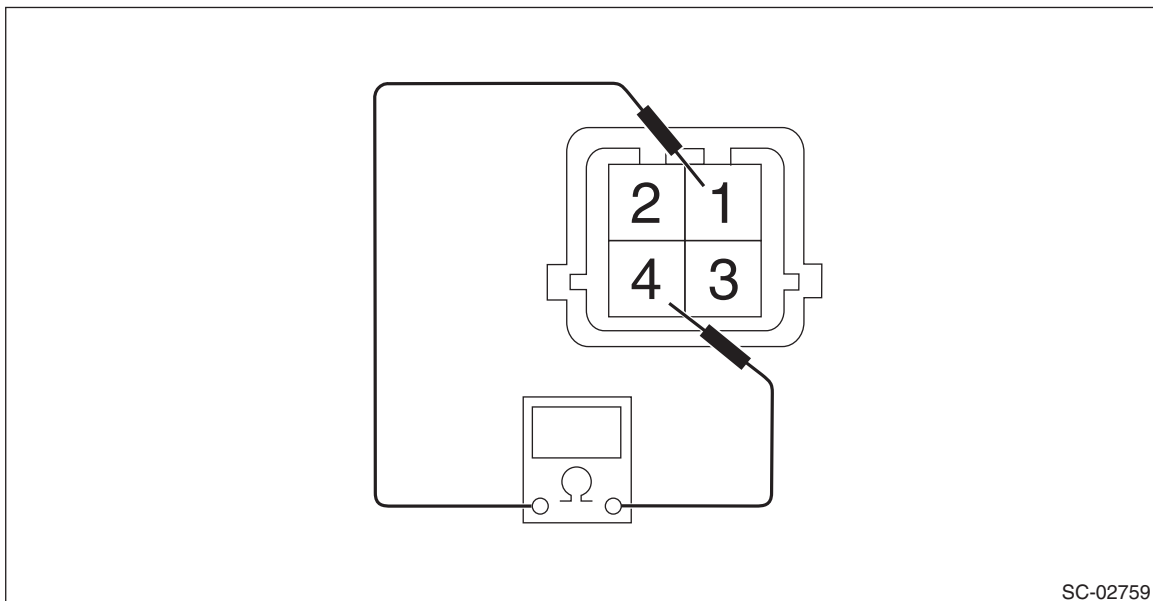
Check the resistance between the battery current sensor terminals.



| Terminal No. | Standard |
|-----------------|--------------------|
| 2 (+) and 3 (-) | 0 — 0.5 k Ω |
| 2 (+) and 4 (-) | 3 — 10 k Ω |
| 3 (+) and 4 (-) | 3 — 10 k Ω |

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 k Ω |

Battery Current & Temperature Sensor

STARTING/CHARGING SYSTEMS

3. OTHER INSPECTIONS

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

ENGINE (DIAGNOSTICS)

EN(H4DO)(diag)

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