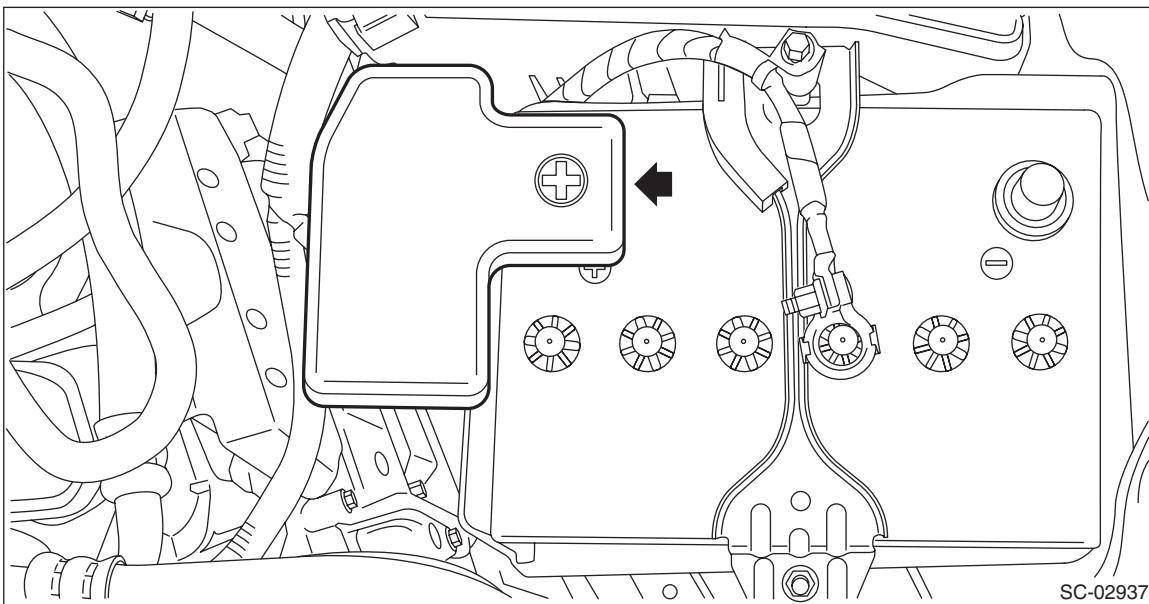


5. Battery Current & Temperature Sensor

A: REMOVAL

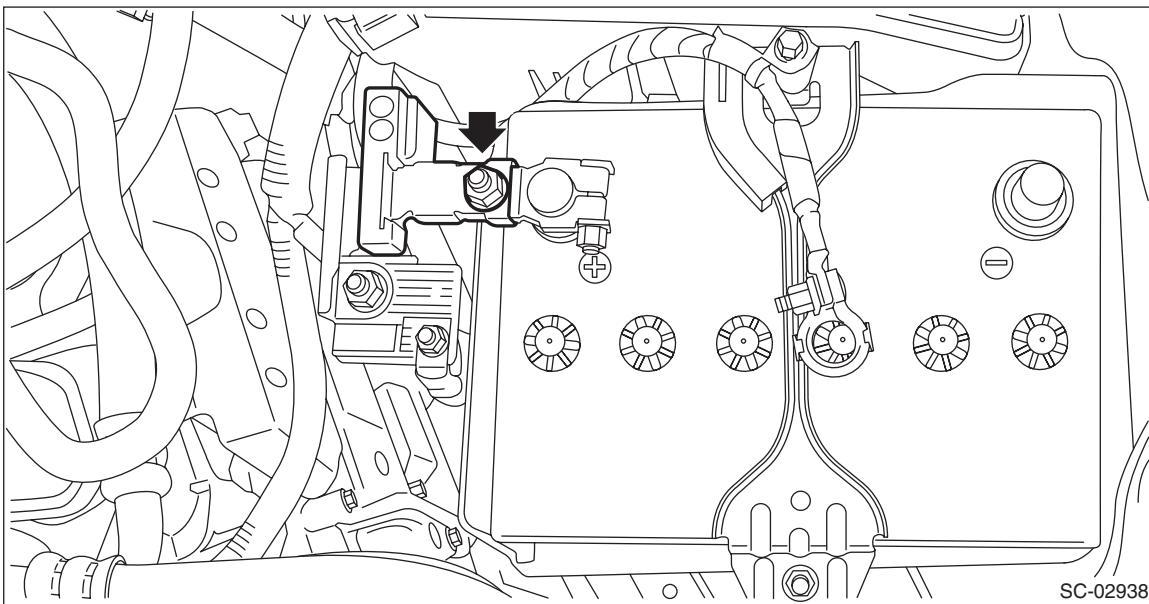
- 1) Disconnect the ground cable from battery.
- 2) Remove the battery terminal boot.



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

CAUTION:

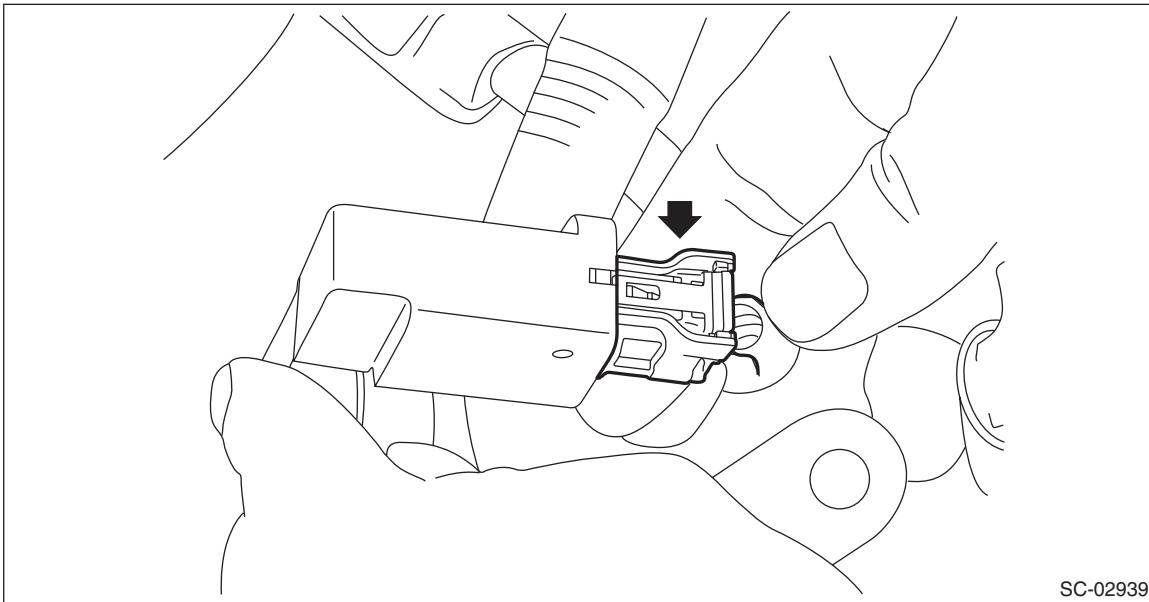
- Hold the terminal bracket with your hand when loosening the nut to avoid deforming the bracket.
- While working, be sure to protect metal parts with cloth.



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)

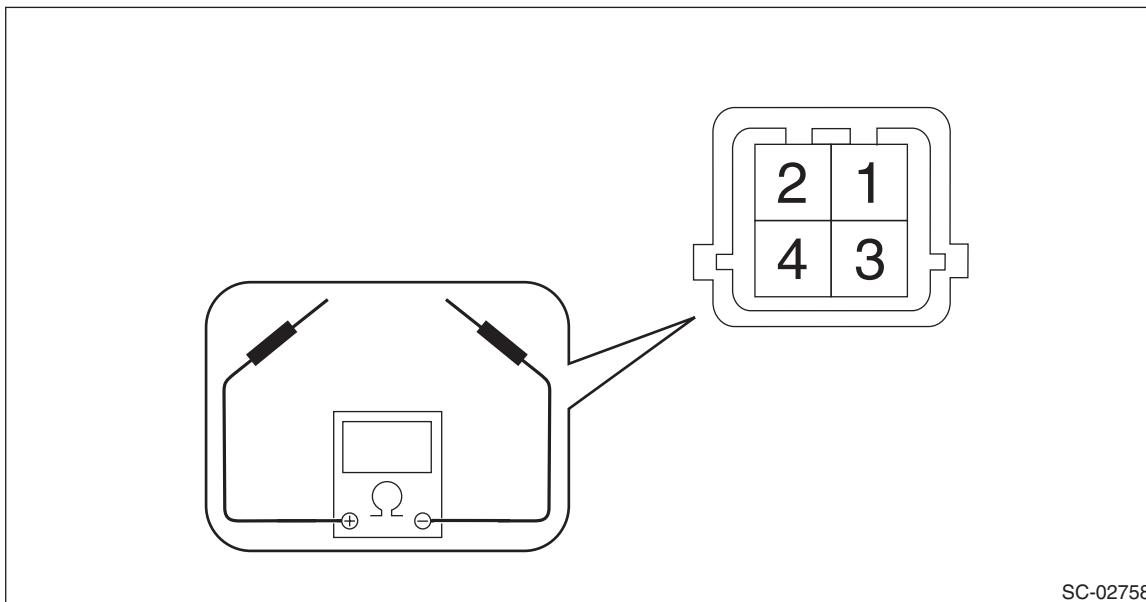
C: INSPECTION

1. CHECK BATTERY CURRENT SENSOR UNIT

CAUTION:

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

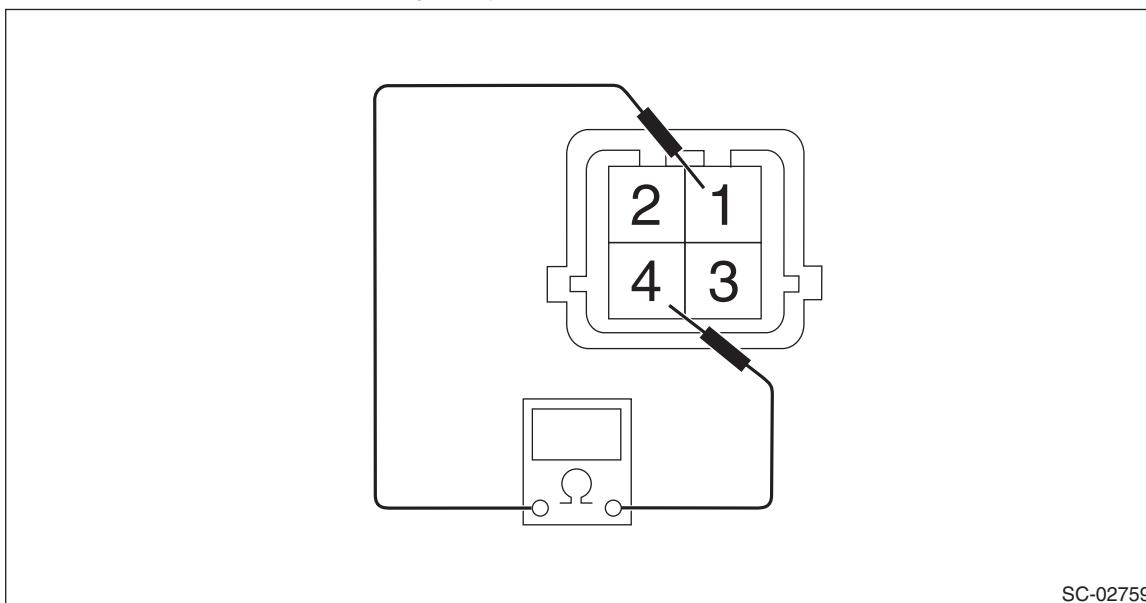
Check the resistance between the battery current sensor terminals.



Terminal No.	Standard
2 (+) and 3 (-)	0 — 0.5 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

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)

	Page
1. Basic Diagnostic Procedure	2
2. Check List for Interview	4
3. General Description	6
4. Electrical Component Location	9
5. Engine Control Module (ECM) I/O Signal	19
6. Engine Condition Data	29
7. Data Link Connector	30
8. General Scan Tool	31
9. Subaru Select Monitor	36
10. Read Diagnostic Trouble Code (DTC)	43
11. Inspection Mode	44
12. Drive Cycle	47
13. Clear Memory Mode	58
14. System Operation Check Mode	59
15. Malfunction Indicator Light	60
16. Diagnostics for Engine Starting Failure	62
17. List of Diagnostic Trouble Code (DTC)	83
18. Diagnostic Procedure with Diagnostic Trouble Code (DTC)	92
19. General Diagnostic Table	352