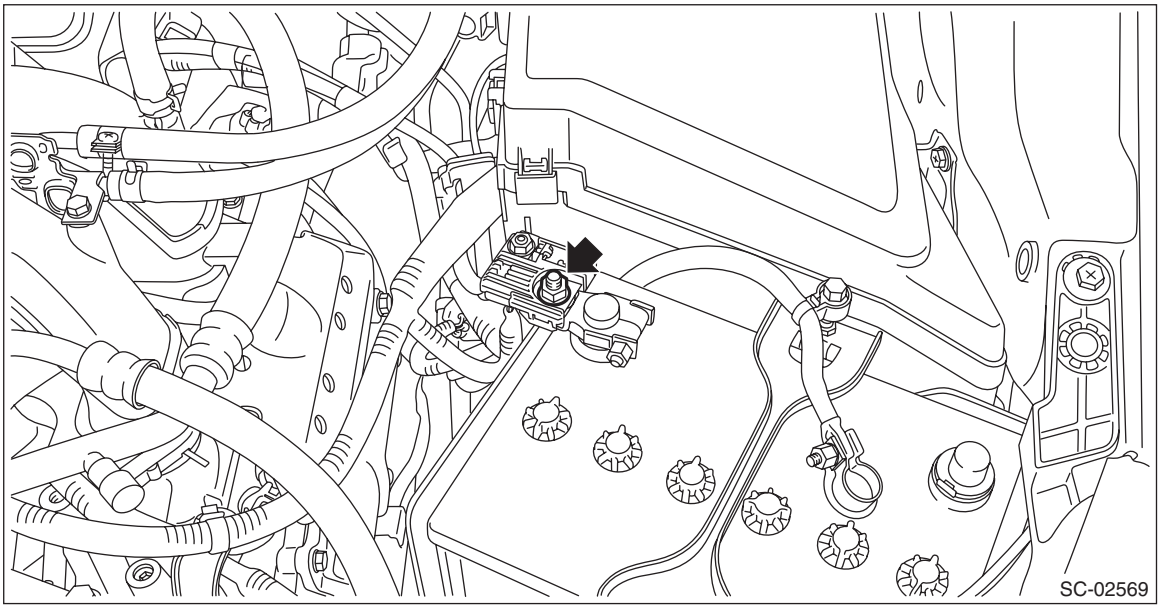
5. Battery Current & Temperature Sensor

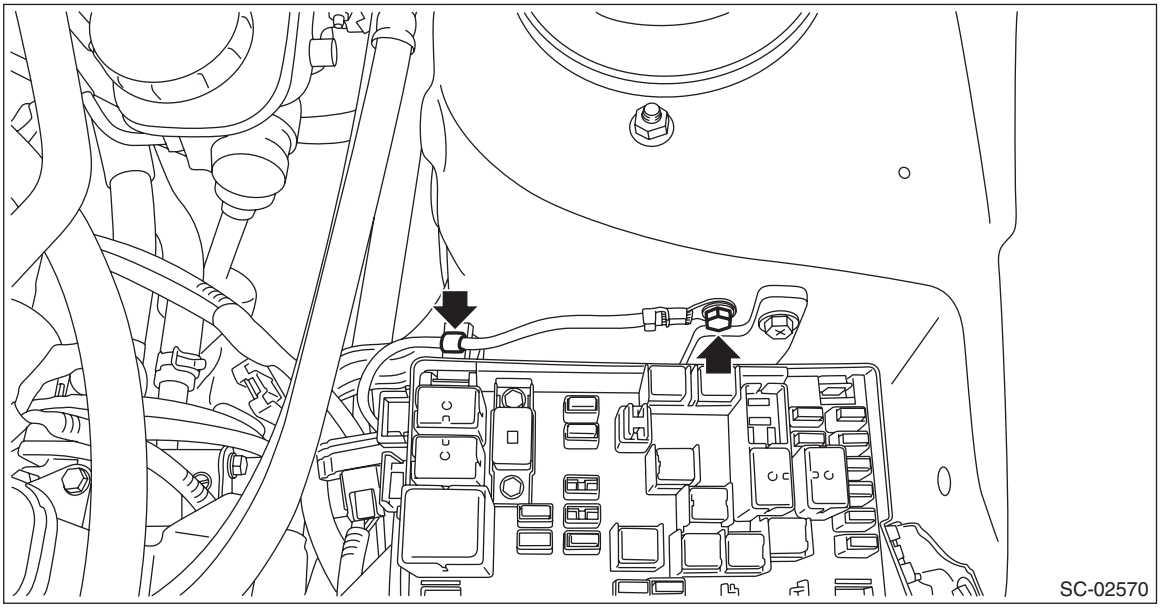
A: REMOVAL

1. BATTERY CURRENT SENSOR

NOTE:
Remove the battery current sensor and battery cable as a unit.
1) Disconnect the battery ground cable and remove the clip from the battery rod.
2) Remove the battery terminal boot.
3) Remove the nuts, and then remove the terminal fuse assembly.

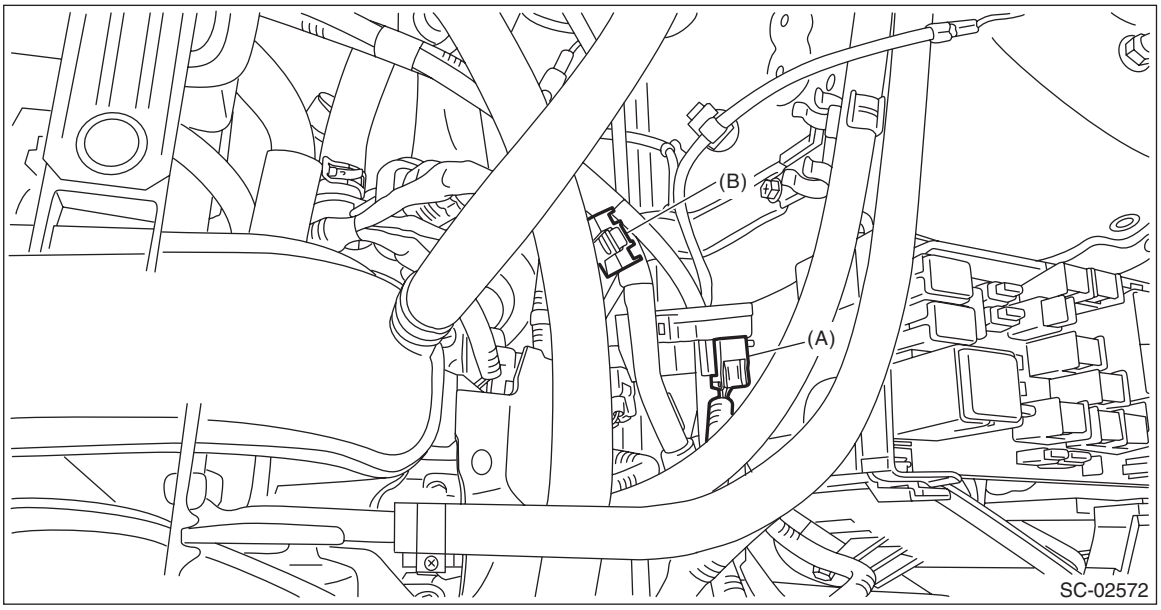


4) Remove the ground terminal from the vehicle and remove the harness clip.

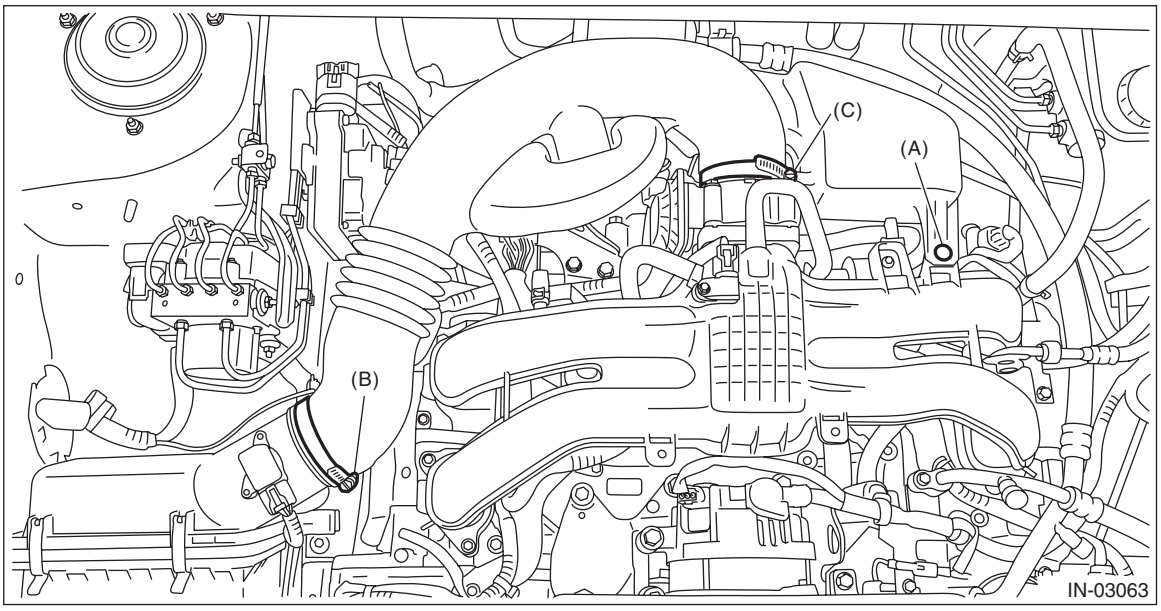


5) Disconnect the harness connector (A) from the battery cable.

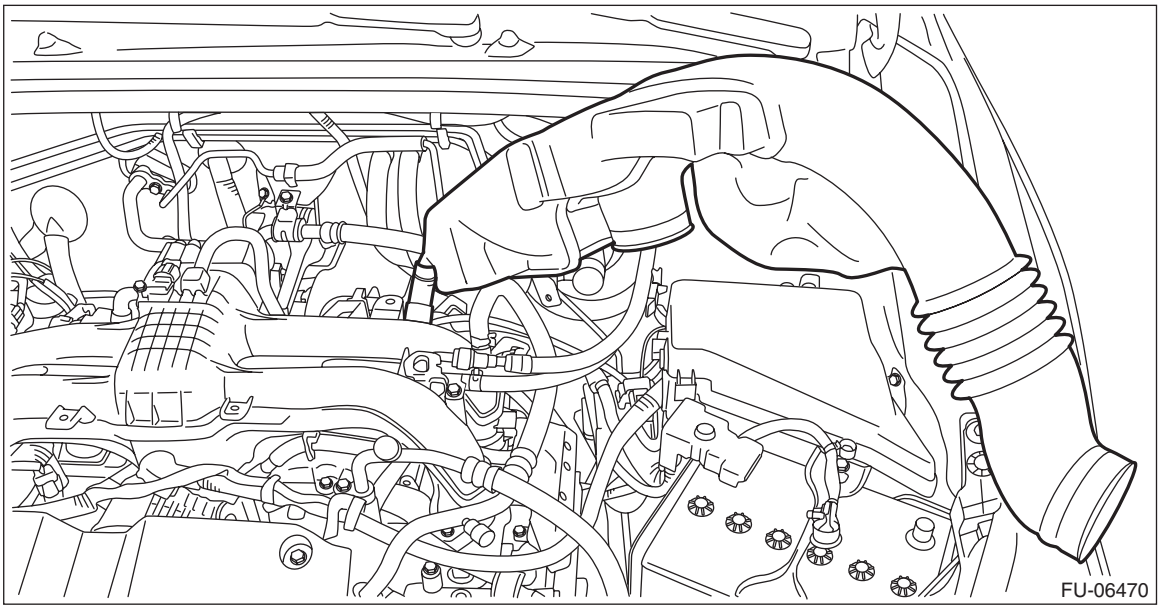
6) Remove the battery cable clip (B) from the battery cable bracket.



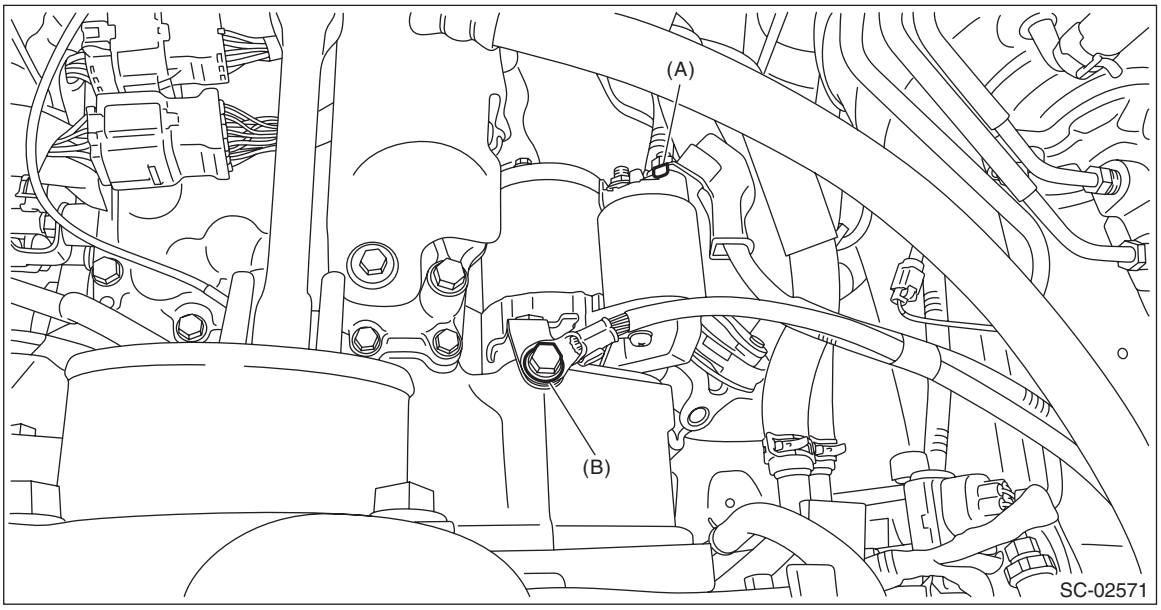
7) Remove the clip (A) from the air intake boot.
8) Loosen the clamp (B) connecting the air intake boot and air cleaner case (rear).
9) Loosen the clamp (C) which connects the air intake boot and throttle body.



10) Remove the air intake boot from the throttle body, and move the air intake boot to the left side wheel apron.

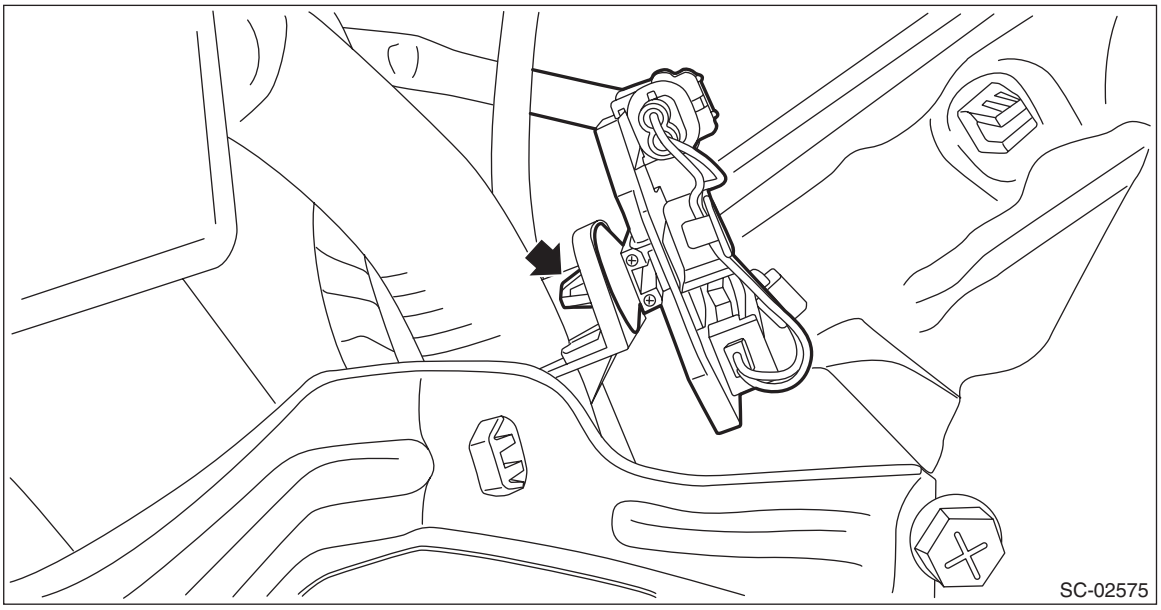


11) Remove the terminal B (A) from the starter.
12) Remove the starter ground cable (B) and remove the battery cable.

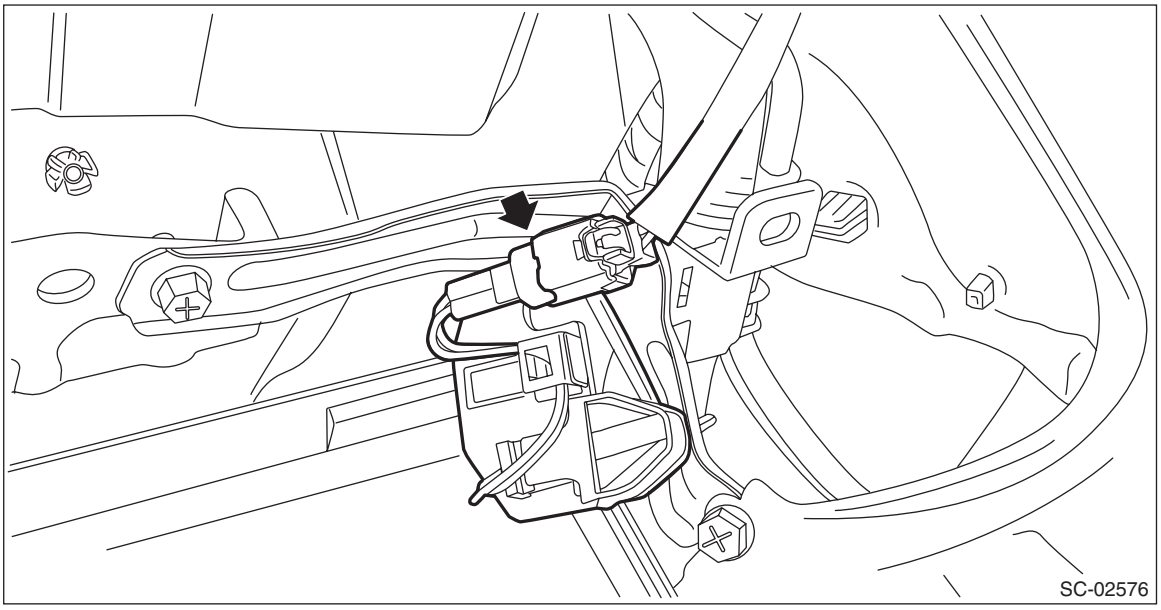


2. BATTERY TEMPERATURE SENSOR

1) Remove the battery. <Ref. to SC(H4DO)-56, REMOVAL, Battery.>
2) Remove the clip, and remove the battery temperature sensor from the bracket.



3) Disconnect the connector and remove the battery temperature sensor.



B: INSTALLATION

1. BATTERY CURRENT SENSOR

Install in the reverse order of removal.

Tightening torque:
<Ref. to SC(H4DO)-7, BATTERY CURRENT & TEMPERATURE SENSOR, COMPONENT, General Description.>

2. BATTERY TEMPERATURE SENSOR

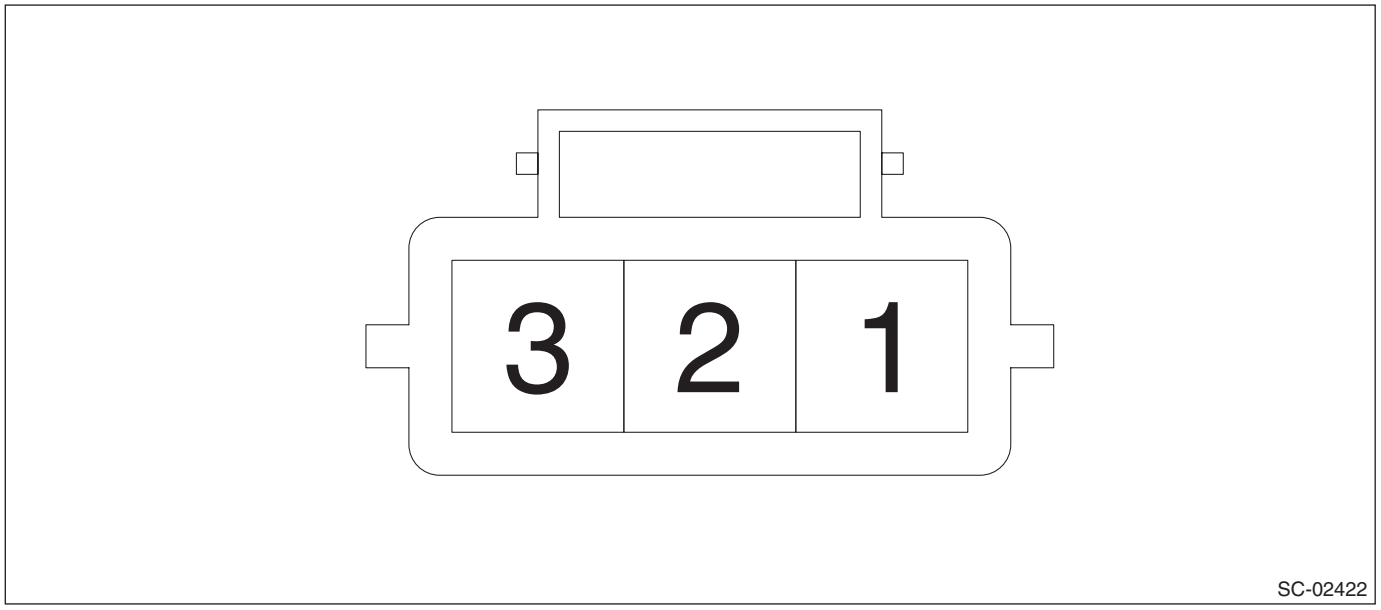
Install in the reverse order of removal.

C: INSPECTION

1. BATTERY CURRENT SENSOR

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

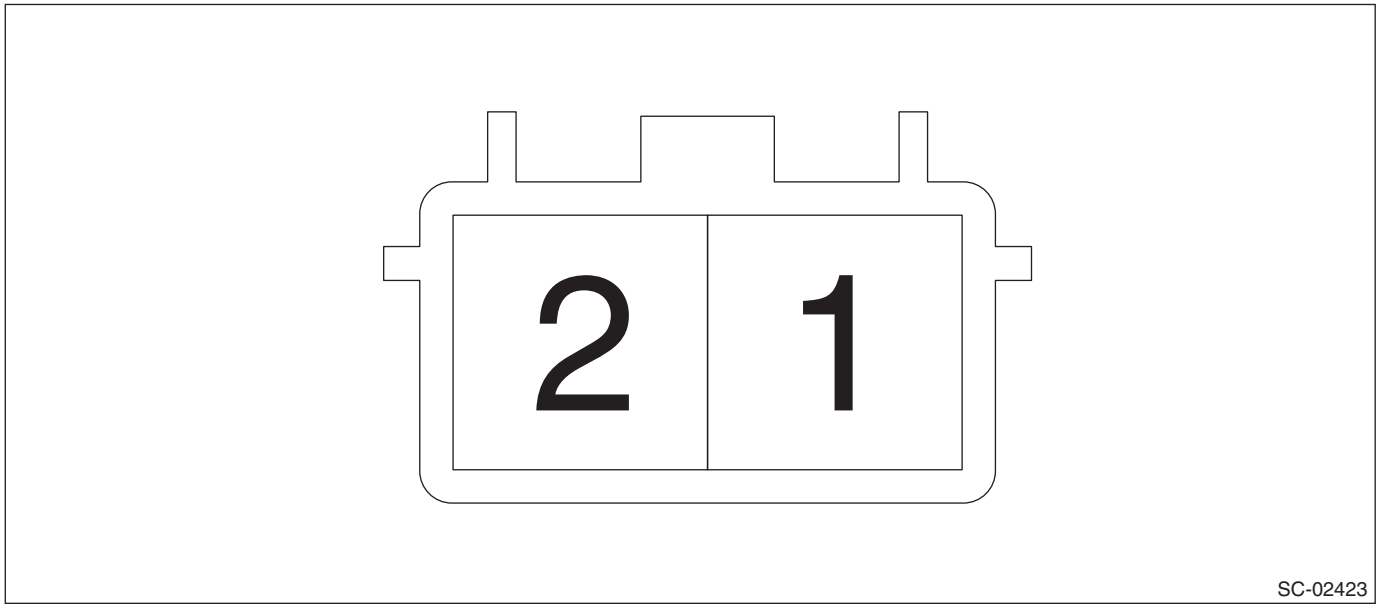
Terminal No.	Standard
1 (+) and 2 (–)	3 — 10 kΩ
1 (+) and 3 (–)	0.5 kΩ or less
2 (+) and 3 (–)	3 — 10 kΩ



2. BATTERY TEMPERATURE SENSOR

Check the resistance between the battery temperature sensor terminals.

Temperature	Terminal No.	Standard
20 — 30°C (68 — 86°F)	1 and 2	1.5 — 2.8 kΩ



ENGINE (DIAGNOSTICS)

EN(H4DO)(diag)