

Battery Current & Temperature Sensor

STARTING/CHARGING SYSTEMS

5. Battery Current & Temperature Sensor

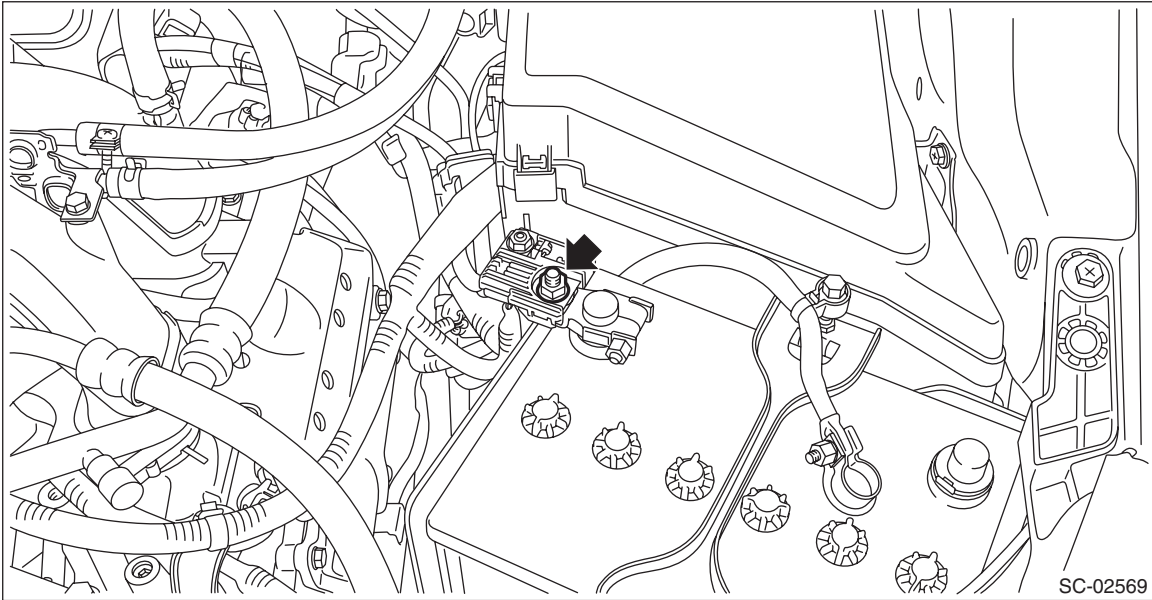
A: REMOVAL

1. BATTERY CURRENT SENSOR

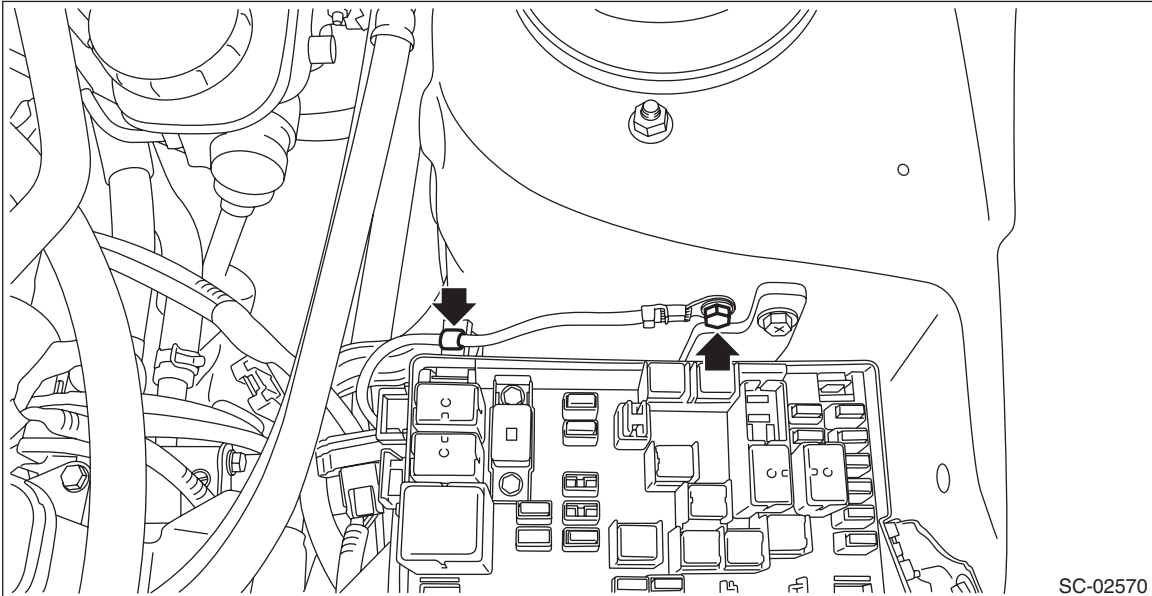
NOTE:

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.

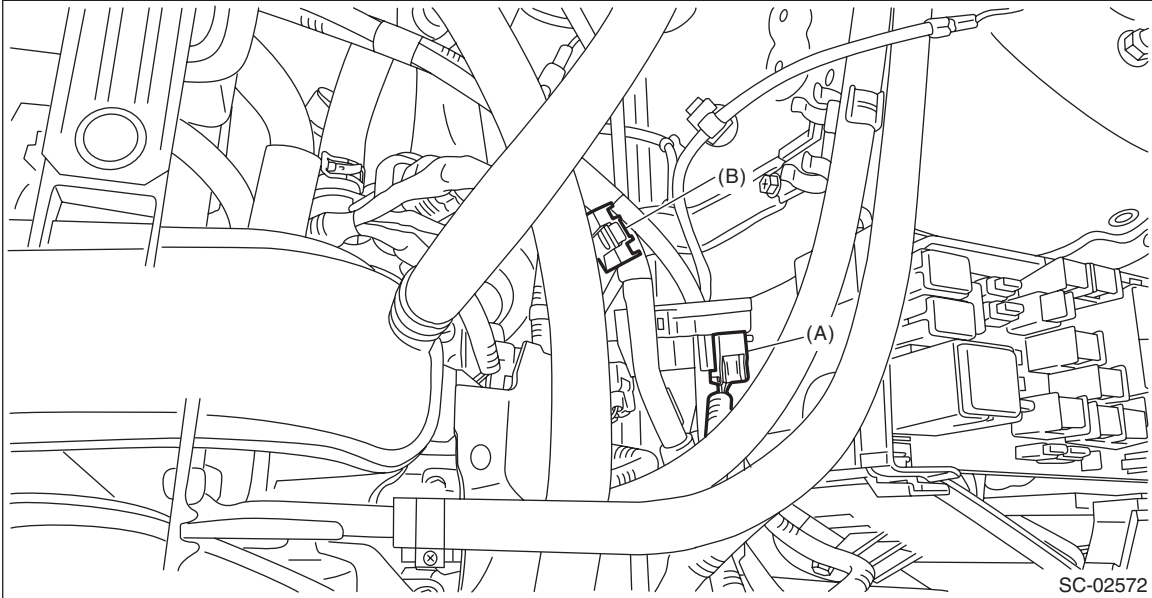


- 5) Disconnect the harness connector (A) from the battery cable.

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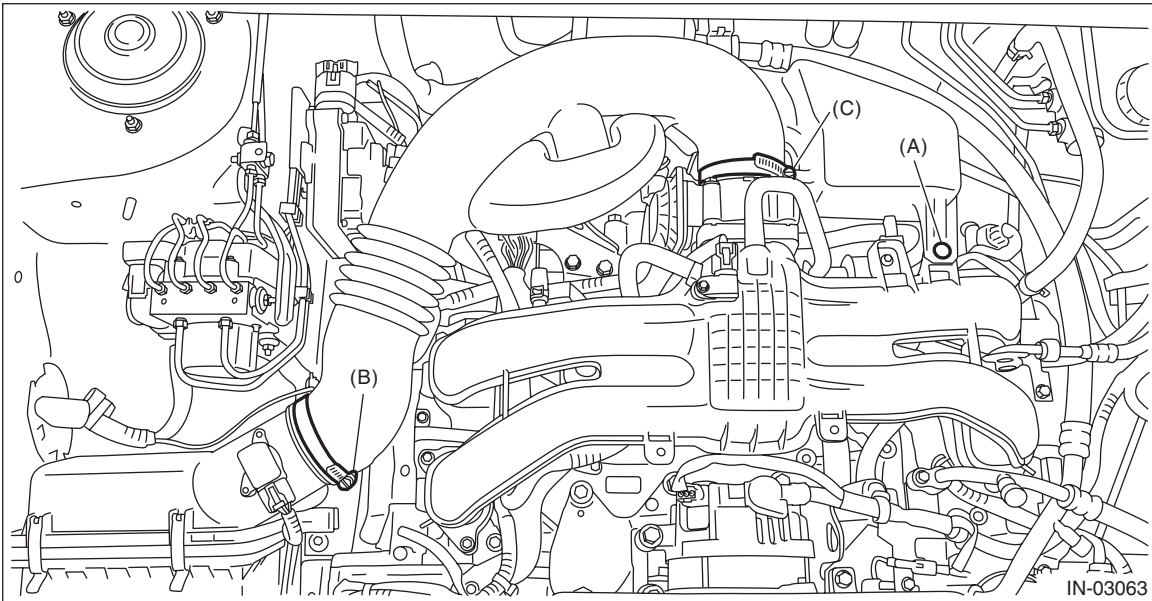
- 6) Remove the battery cable clip (B) from the battery cable bracket.



- 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).

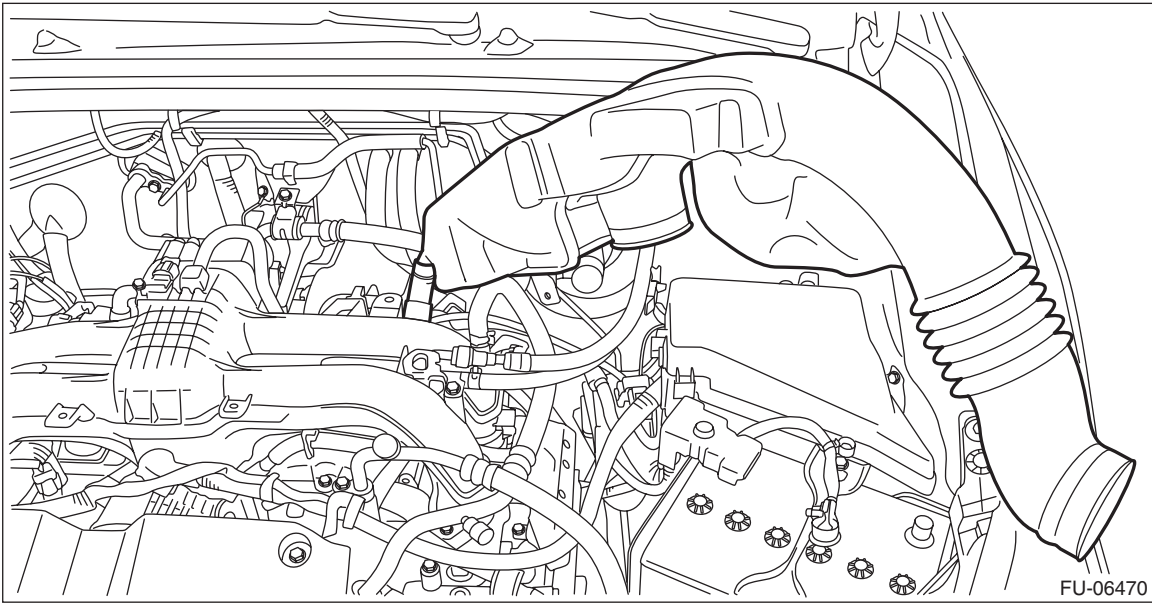
- 9) Loosen the clamp (C) which connects the air intake boot and throttle body.



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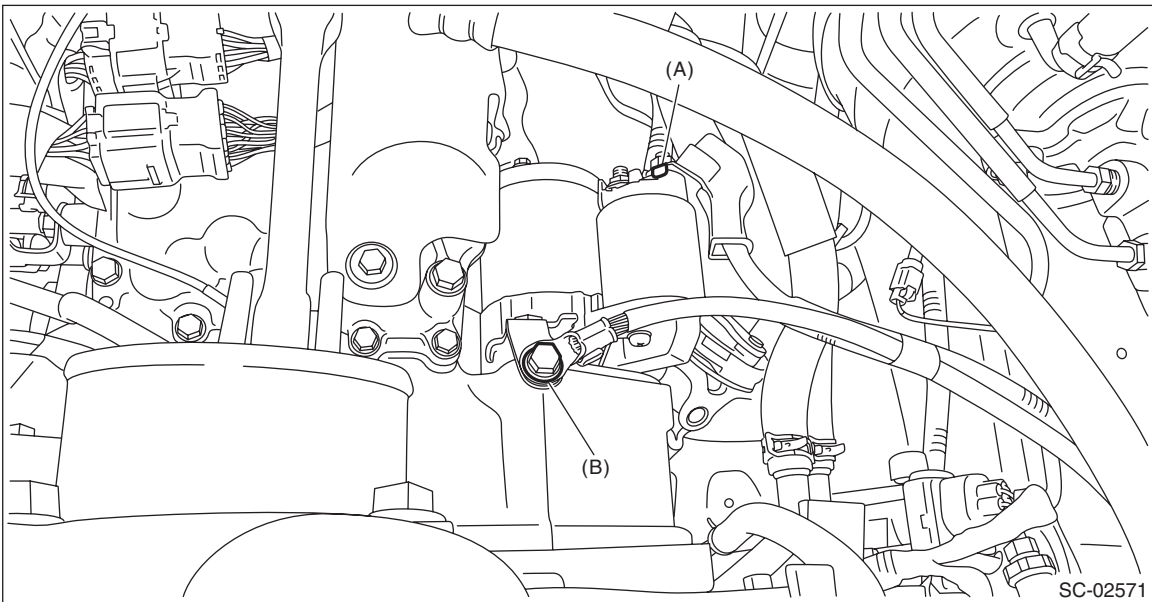
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10) Remove the air intake boot from the throttle body, and move the air intake boot to the left side wheel apron.



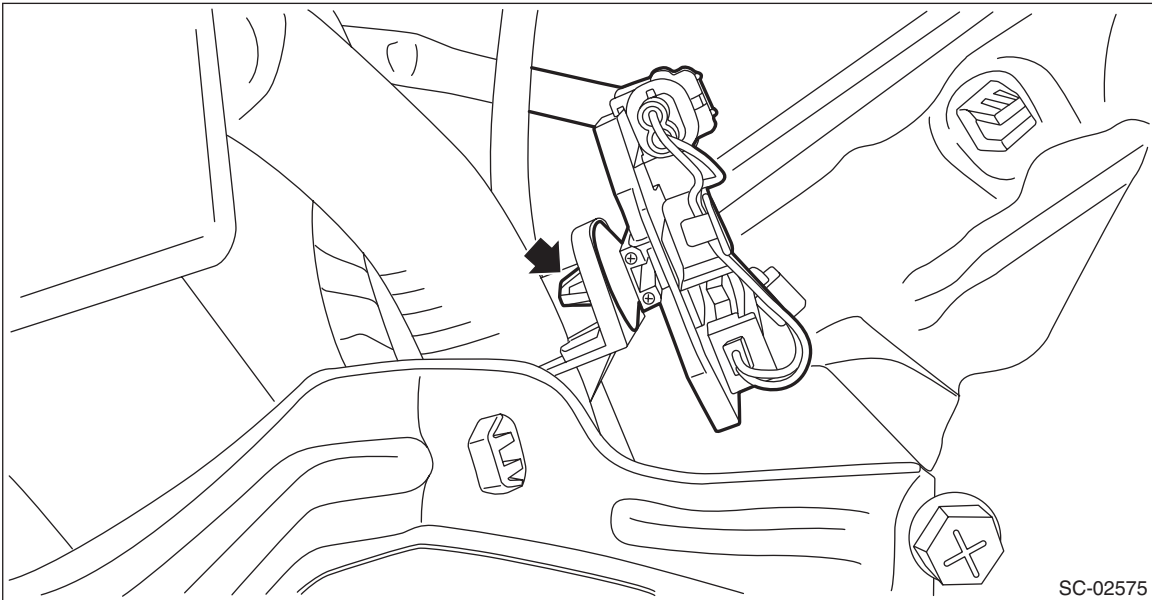
11) Remove the terminal B (A) from the starter.

12) Remove the starter ground cable (B) and remove the battery cable.

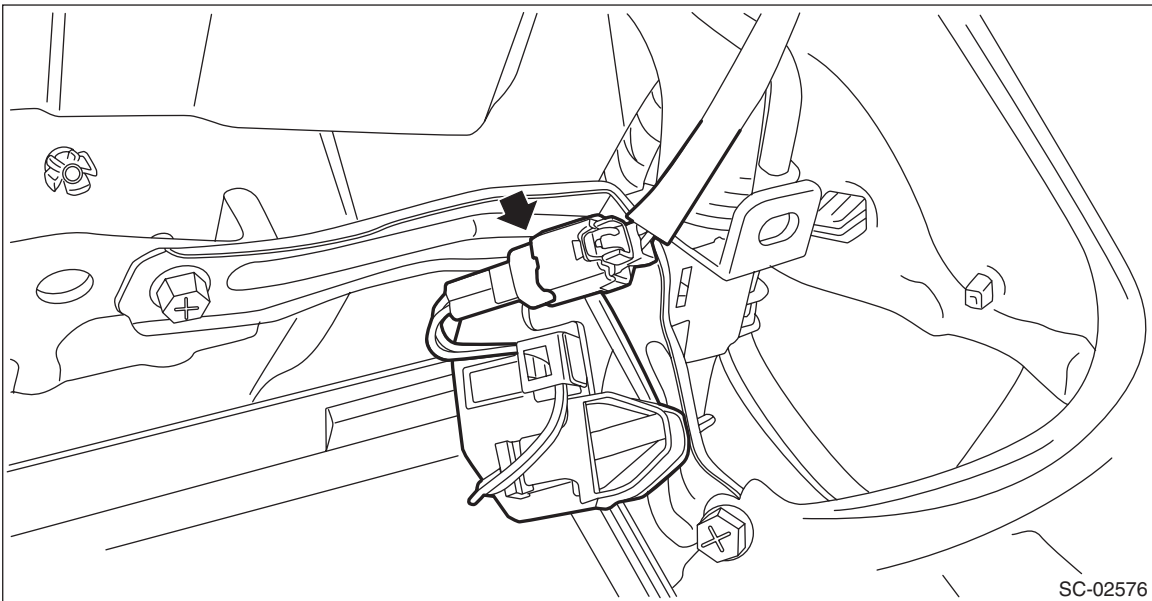


2. BATTERY TEMPERATURE SENSOR

- 1) Remove the battery. <Ref. to SC(H4DO)-57, 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.

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C: INSPECTION

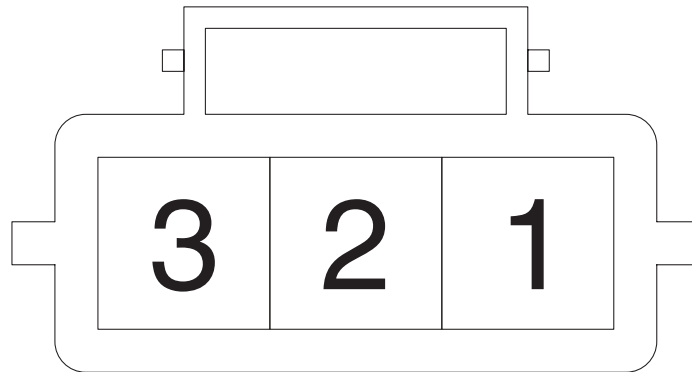
1. BATTERY CURRENT SENSOR

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 k Ω
1 (+) and 3 (-)	0.5 k Ω or less
2 (+) and 3 (-)	3 — 10 k Ω

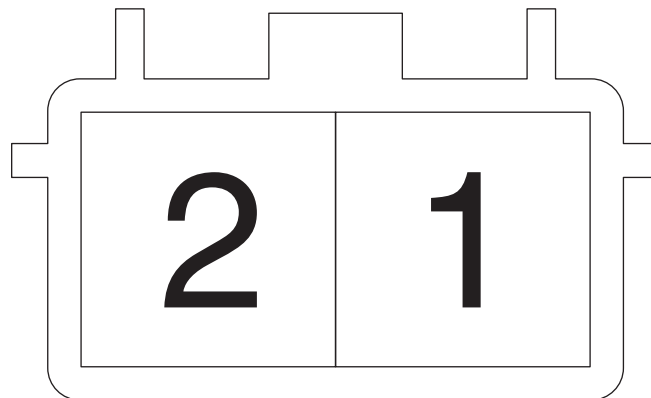


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2. BATTERY TEMPERATURE SENSOR

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 k Ω



SC-02423

ENGINE (DIAGNOSTICS)

EN(H4DO)(diag)

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