

5. Seat Heater System

A: REMOVAL

1. SEAT HEATER UNIT

- 1) Remove the front seats. <Ref. to SE-9, REMOVAL, Front Seat.>
- 2) Remove the backrest cover of front seat and seat cushion cover. <Ref. to SE-11, DISASSEMBLY, Front Seat.>
- 3) Remove the seat heater unit.

2. SEAT HEATER SWITCH

- 1) Disconnect the ground cable from battery and wait for at least 60 seconds before starting work. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

- For models other than STI model, disconnect the ground terminal from battery sensor.
- On CVT models, shift the select lever into D before disconnecting the battery ground cable.

- 2) Remove the console box assembly. <Ref. to EI-67, REMOVAL, Console Box.>
- 3) Remove the screws and remove the seat heater switch from the backside of the console box assembly.

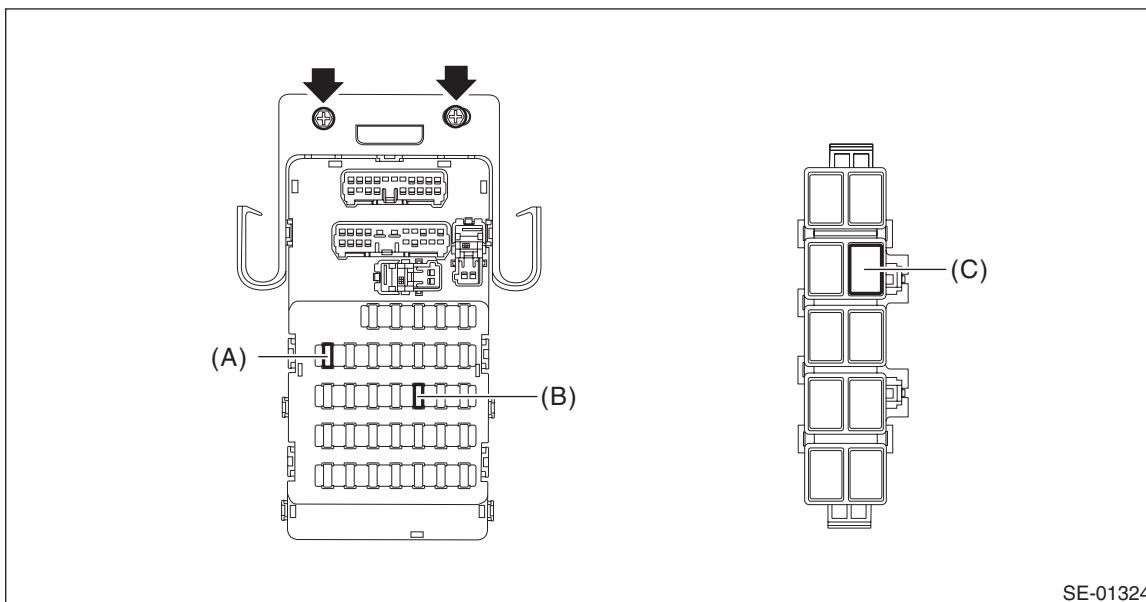
3. SEAT HEATER RELAY AND FUSE

- 1) Disconnect the ground cable from battery and wait for at least 60 seconds before starting work. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For models other than STI model, disconnect the ground terminal from battery sensor.

- 2) Remove the cover assembly - instrument panel LWR driver. <Ref. to EI-61, REMOVAL, Instrument Panel Lower Cover.>
- 3) Remove the glove box assembly. <Ref. to EI-63, REMOVAL, Glove Box.>
- 4) Remove the seat heater relay and fuse.
 - (1) Remove the relay & fuse box bolts.
 - (2) Remove the seat heater relay from the relay holder.



Relay & fuse box	Fuse 7.5 A (remote control mirror) Fuse 15 A (seat heater)	(A) (B)
Relay holder	Seat heater relay	(C)

B: INSTALLATION

- 1) Install the seat heater relay & fuse.
- 2) Install the globe box assembly.
- 3) Install the cover assembly - instrument panel LWR driver.
- 4) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For models other than STI model, connect the ground terminal to battery sensor.

C: INSPECTION

1. WIRING DIAGRAM

Refer to "Seat Heater System" in the wiring diagram. <Ref. to WI-370, WIRING DIAGRAM, Seat Heater System.>

2. DIAGNOSTIC CHART

Symptoms	Repair order
	1. Check the fuse. <Ref. to SE-47, CHECK SEAT HEATER FUSE, INSPECTION, Seat Heater System.>
	2. Check the seat heater relay. <Ref. to SE-47, CHECK SEAT HEATER RELAY, INSPECTION, Seat Heater System.>
Seat heater does not operate.	3. Check the seat heater system power supply and ground circuit. <Ref. to SE-48, CHECK POWER SUPPLY AND GROUND CIRCUIT, INSPECTION, Seat Heater System.>
	4. Check the seat heater module. <Ref. to SE-48, SEAT HEATER UNIT, INSPECTION, Seat Heater System.>
	5. Check the seat heater switch circuit. <Ref. to SE-49, SEAT HEATER SWITCH, INSPECTION, Seat Heater System.>

3. CHECK SEAT HEATER FUSE

Remove the seat heater fuse and inspect visually.

Is the fuse blown out?

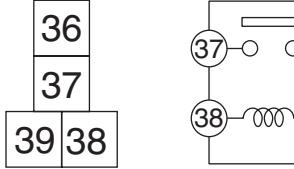
- Yes → Replace the fuse.
- No → Check the power supply and ground circuits.

4. CHECK SEAT HEATER RELAY

- 1) Remove the seat heater relay from the relay holder.
- 2) Measure the resistance between seat heater relay terminals.

Preparation tool:

Circuit tester

Terminal No.	Inspection conditions	Standard	Circuit
36 — 37	Always	1 MΩ or more	
36 — 37	Apply battery voltage between terminals 38 and 39.	Less than 1 Ω	 SE-01325

- 3) Replace the seat heater relay if the inspection result is not within the standard value.

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5. CHECK POWER SUPPLY AND GROUND CIRCUIT

1) Check power supply circuit

- (1) Disconnect the harness connector of seat heater switch.
- (2) Turn the ignition switch to ON.
- (3) Measure the voltage between harness connector terminal and chassis ground.

Connector & terminal

(R43) No. 7 (+) — Chassis ground (-):

Is the voltage 12 V or more?

- **Yes** → Go to step 2.
- **No** → Check the harness between the seat heater switch and fuse.

2) Check ground circuit

Measure the resistance between harness connector terminal and chassis ground.

Connector & terminal

(R43) No. 2 — Chassis ground:

Is the resistance less than $10\ \Omega$?

- **Yes** → Go to step 3.
- **No** → Repair the harness.

3) Check ground circuit

Measure the resistance between seat heater switch terminals.

Connector & terminal

(R43) No. 7 — (R43) No. 2:

Is the resistance less than $10\ \Omega$?

- **Yes** → The power supply and ground circuits are normal.
- **No** → Replace the seat heater switch.

6. SEAT HEATER UNIT

1) Disconnect the seat heater unit connector, and check the continuity between terminals of connector.

Connector & terminal

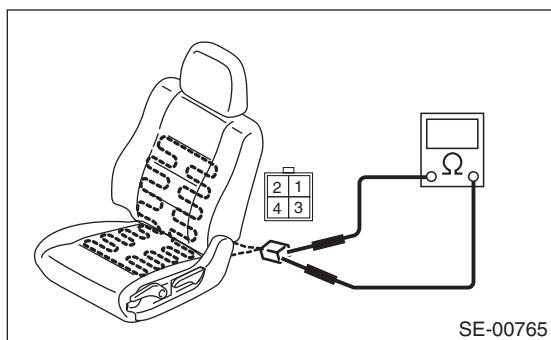
HI

No. 1 — No. 3:

No. 3 — No. 4:

LOW

No. 1 — No. 4:

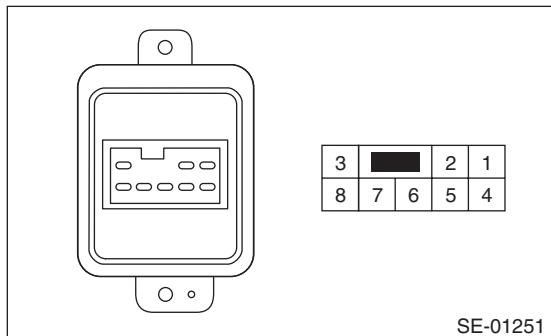


2) If no continuity exists, replace the seat heater module with a new part.

7. SEAT HEATER SWITCH

1) Inspect the continuity between the seat heater switch terminals.

- STI model



Connector & terminal

HI

No. 7 — No. 2:

No. 7 — No. 4:

No. 7 — No. 8:

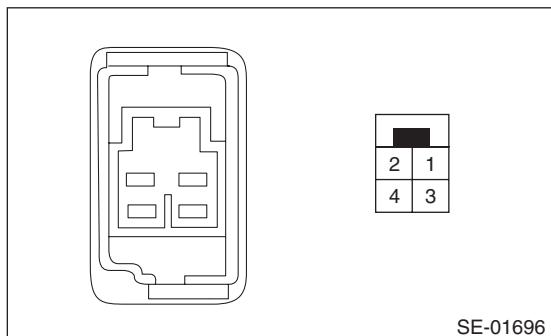
LOW

No. 7 — No. 1:

No. 7 — No. 2:

No. 7 — No. 3:

- Except for STI model



Connector & terminal

HI

No. 2 — No. 1:

No. 4 — No. 3:

LOW

No. 2 — No. 4:

- 2) If no continuity exists, replace the seat heater switch with a new part.

Seat Heater System

SEATS

SECURITY AND LOCKS

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