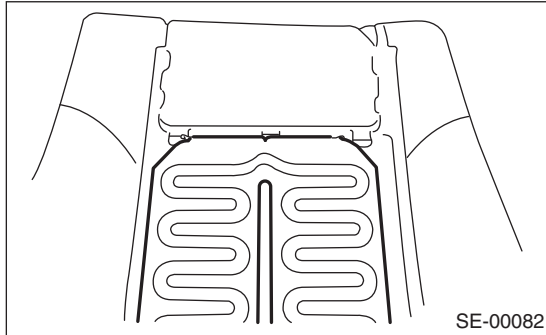


5. Seat Heater System

A: REMOVAL

1. SEAT HEATER UNIT

- 1) Remove the front seats. <Ref. to SE-8, REMOVAL, Front Seat.>
- 2) Remove the backrest cover of front seat and seat cushion cover. <Ref. to SE-9, DISASSEMBLY, Front Seat.>
- 3) Remove the hog rings, and then remove the seat heater unit.



2. SEAT HEATER SWITCH

- 1) Remove the console box. <Ref. to EI-46, REMOVAL, Console Box.>
- 2) Remove the seat heater switch from the console box.

B: INSTALLATION

Install in the reverse order of removal.

C: INSPECTION

1. WIRING DIAGRAM

<Ref. to WI-96, WIRING DIAGRAM, Seat Heater System.>

2. DIAGNOSIS CHART

Symptom	Repair order
Seat heater does not operate.	1. Check the fuses. <Ref. to SE-24, CHECK SEAT HEATER FUSE, INSPECTION, Seat Heater System.>
	2. Check the power supply and ground circuit for the seat heater system. <Ref. to SE-24, CHECK POWER SUPPLY AND GROUND CIRCUIT, INSPECTION, Seat Heater System.>
	3. Check the thermistor circuit. <Ref. to SE-24, CHECK THERMISTOR CIRCUIT, INSPECTION, Seat Heater System.>
	4. Check the seat heater switch circuit. <Ref. to SE-25, CHECK 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 circuit.

4. CHECK POWER SUPPLY AND GROUND CIRCUIT

1) CHECK POWER SUPPLY CIRCUIT

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

Connector & terminal

(AD8) No. 12 (+) — 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

(AD8) No. 2 — Chassis ground:

Is the resistance less than 10 Ω?

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

3) CHECK GROUND CIRCUIT

Measure the resistance between harness connector terminals.

Connector & terminal

(AD8) No. 1 — (AD8) No. 2:

(AD8) No. 3 — (AD8) No. 2:

Is the resistance less than 10 Ω?

- Yes → The power supply and ground circuit are normal.
- No → Repair the harness.

5. CHECK THERMISTOR CIRCUIT

- 1) Disconnect the seat heater switch connector.
- 2) Measure the resistance between harness connector terminals.

Connector & terminal

Check LHD side

(AD8) No. 8 — (AD8) No. 3:

Check RHD side

(AD8) No. 6 — (AD8) No. 1:

Is the resistance between 1 KΩ to 200 KΩ?

- Yes → The thermistor circuit is normal.
- No → The harness or thermistor is faulty.

6. CHECK SEAT HEATER SWITCH

1) CHECK THERMISTOR OUTPUT VOLTAGE

- (1) Turn the ignition switch to ON.
- (2) Measure the voltage between the seat heater switch and chassis ground.

Connector & terminal

LHD side seat

(AD8) No. 8 (+) — Chassis ground (-):

RHD side seat

(AD8) No. 6 (+) — Chassis ground (-):

Is the voltage 1.5 V or more?

- Yes → Go to step 2.
- No → Replace the seat heater switch.

2) CHECK OUTPUT VOLTAGE

- (1) Turn the ignition switch to ON.
- (2) Measure the voltage between the seat heater switch and chassis ground when turning the switch to a position other than OFF.

Connector & terminal

LHD side seat

(AD8) No. 9 (+) — Chassis ground (-):

RHD side seat

(AD8) No. 7 (+) — Chassis ground (-):

Does the voltage fluctuate between 12 V ↔ 0 V?

- Yes → The harness or thermistor is faulty, or the heater has an open circuit.
- No → Replace the seat heater switch.