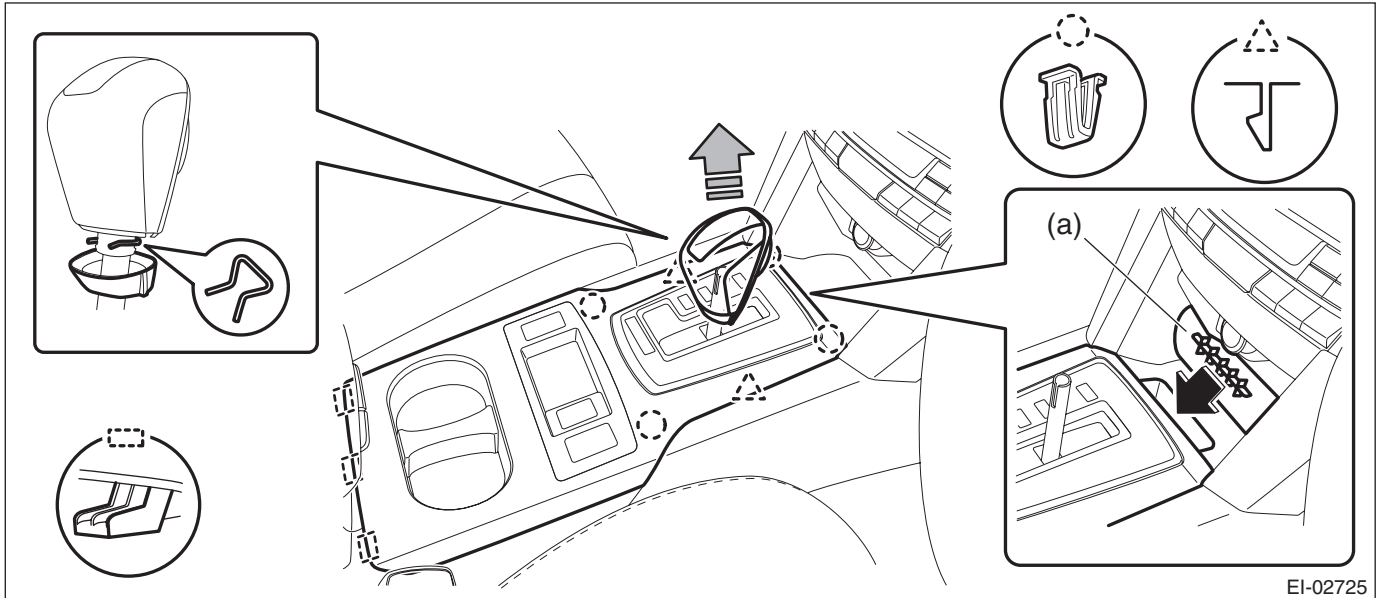




- AT model
  1. Remove the select lever knob.
    - a. Lower the cover grip AT.
    - b. Remove the clamp grip pin, then remove the select lever knob.
  2. Release the clips and claws, then pull up the console front cover assembly.



EI-02725

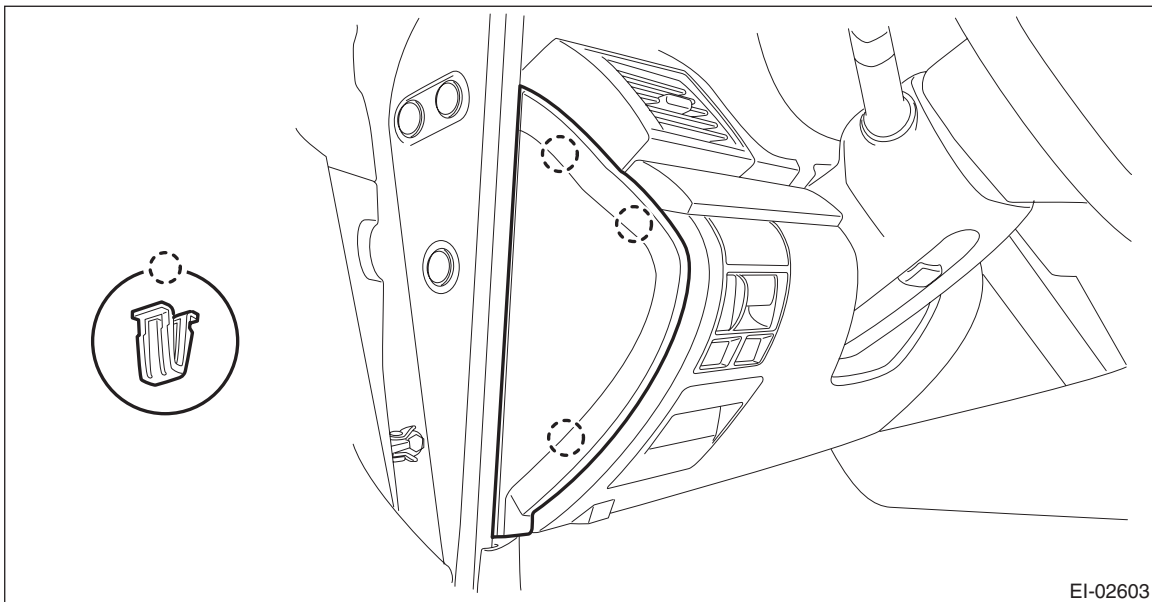
## NOTE:

Turn over the front center pocket mat (a) and pull up the console front cover from the slit.

3. Disconnect the harness connector and remove the console front cover assembly.
- 3) Release the claws and remove the seat heater switch from the back of console front cover.

## 3. SEAT HEATER RELAY AND FUSE

- 1) Disconnect the ground cable from battery.
- 2) Remove the instrument panel lower cover.
  - (1) Remove the clips, and remove the instrument panel side cover LH.

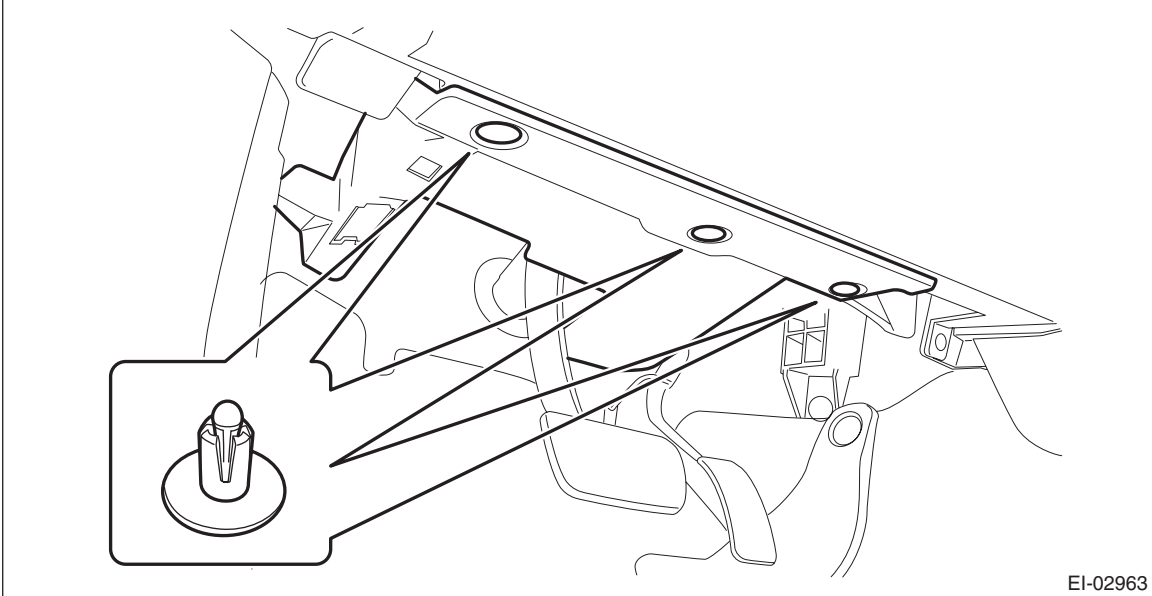


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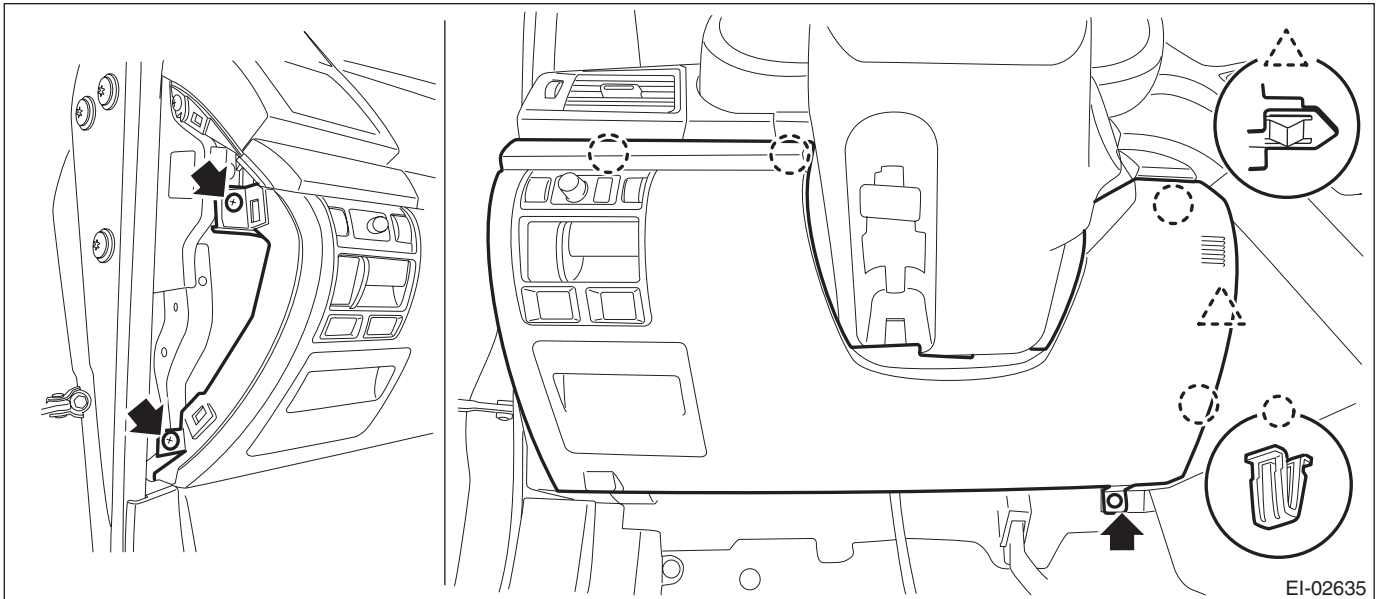
## Seat Heater System

### SEATS

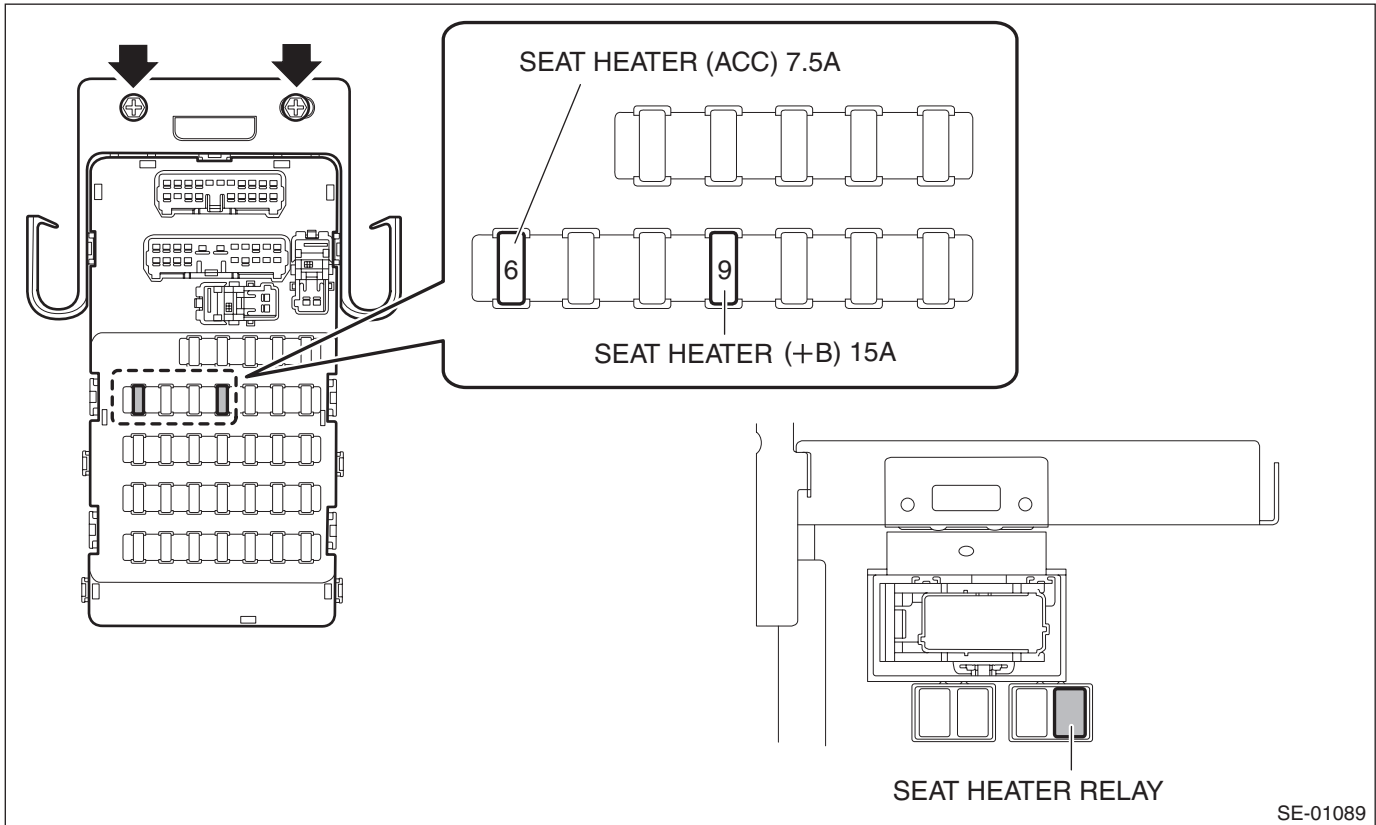
- (2) Remove the clips and data link connector, and remove the instrument panel lower cover under.



- (3) Remove the screws and clips and release the claws, and remove the instrument panel lower cover while disconnecting the harness connectors.



- 3) Remove the seat heater relay and fuse.
  - (1) Remove the joint box bolts.
  - (2) Remove the seat heater relay



## B: INSTALLATION

Install each part in the reverse order of removal.

## C: INSPECTION

### 1. WIRING DIAGRAM

Refer to “Seat Heater System” in the wiring diagram. <Ref. to WI-210, WIRING DIAGRAM, Seat Heater System.>

### 2. DIAGNOSTIC CHART

Symptoms	Repair order
Seat heater does not operate.	1. Check the fuse. <Ref. to SE-67, CHECK SEAT HEATER FUSE, INSPECTION, Seat Heater System.>
	2. Check the seat heater relay. <Ref. to SE-68, CHECK SEAT HEATER RELAY, INSPECTION, Seat Heater System.>
	3. Check the seat heater switch. <Ref. to SE-68, CHECK SEAT HEATER SWITCH, INSPECTION, Seat Heater System.>
	4. Check the power supply and ground circuit for the seat heater system. <Ref. to SE-68, CHECK POWER SUPPLY AND GROUND CIRCUIT, 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.

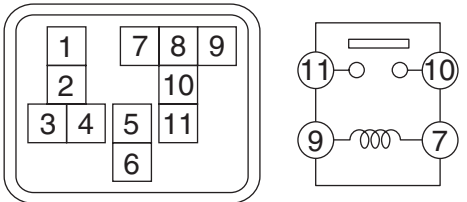
# Seat Heater System

SEATS

## 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	Specification	Circuit
11 — 10	Always	1 MΩ or more	
11 — 10	Apply battery voltage between terminals 9 — 7.	Less than 1 Ω	

SE-01016

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

## 5. CHECK SEAT HEATER SWITCH

### 1) CHECK SEAT HEATER SWITCH

- (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**

**(R42) No. 4 (+) — Chassis ground (-):**

**RHD side seat**

**(R45) No. 4 (+) — Chassis ground (-):**

Does the voltage fluctuate between 12 V ↔ 0 V?

- **Yes** → Harness faulty, open circuit of heater or thermostat faulty.
- **No** → Replace the seat heater switch.

## 6. 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**

**Driver's side**

**(R42) No. 4 (+) — Chassis ground (-):**

**Passenger's side**

**(R45) No. 4 (+) — 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**

#### ***Driver seat (manual seat)***

***(R42) No. 6 — Chassis ground:***

***(R41) No. 1 — Chassis ground:***

#### ***Passenger seat (manual seat)***

***(R45) No. 6 — Chassis ground:***

***(R44) No. 1 — Chassis ground:***

#### ***Driver seat (power seat)***

***(R42) No. 6 — Chassis ground:***

***(R380) No. 1 — Chassis ground:***

#### ***Passenger seat (power seat)***

***(R45) No. 6 — Chassis ground:***

***(R363) No. 1 — Chassis ground:***

Is the resistance less than 10  $\Omega$ ?

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

# Seat Heater System

SEATS

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# SECURITY AND LOCKS

# SL

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