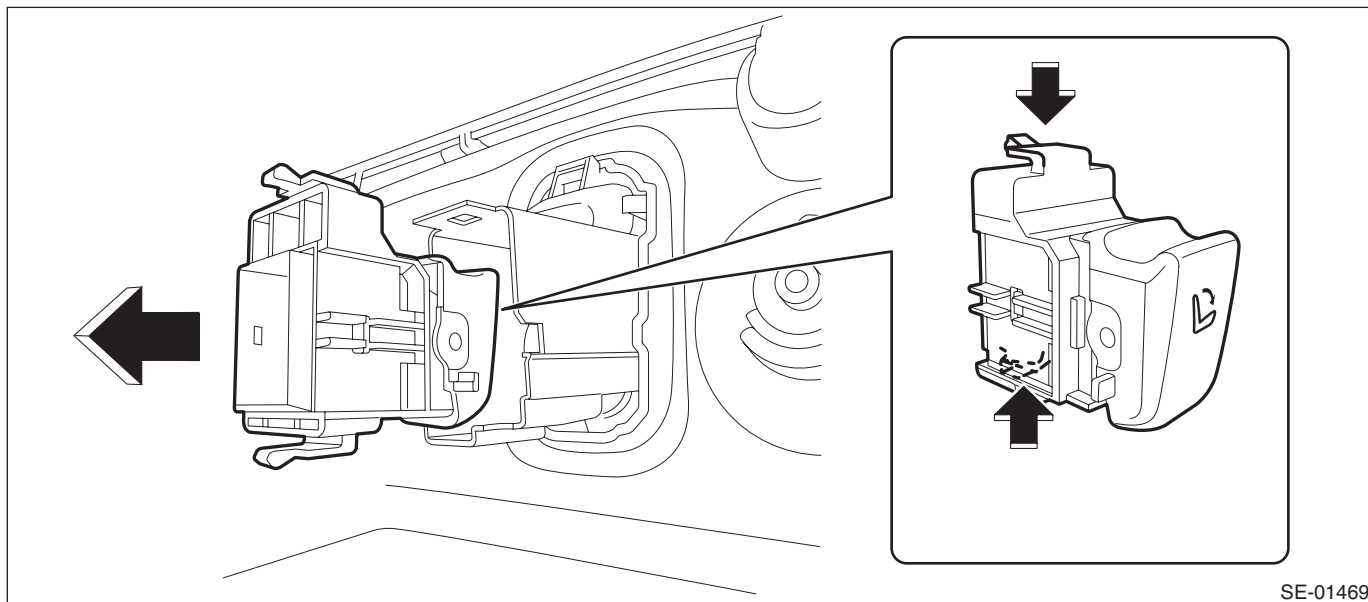


7. Remote Control Back Rest System

A: REMOVAL

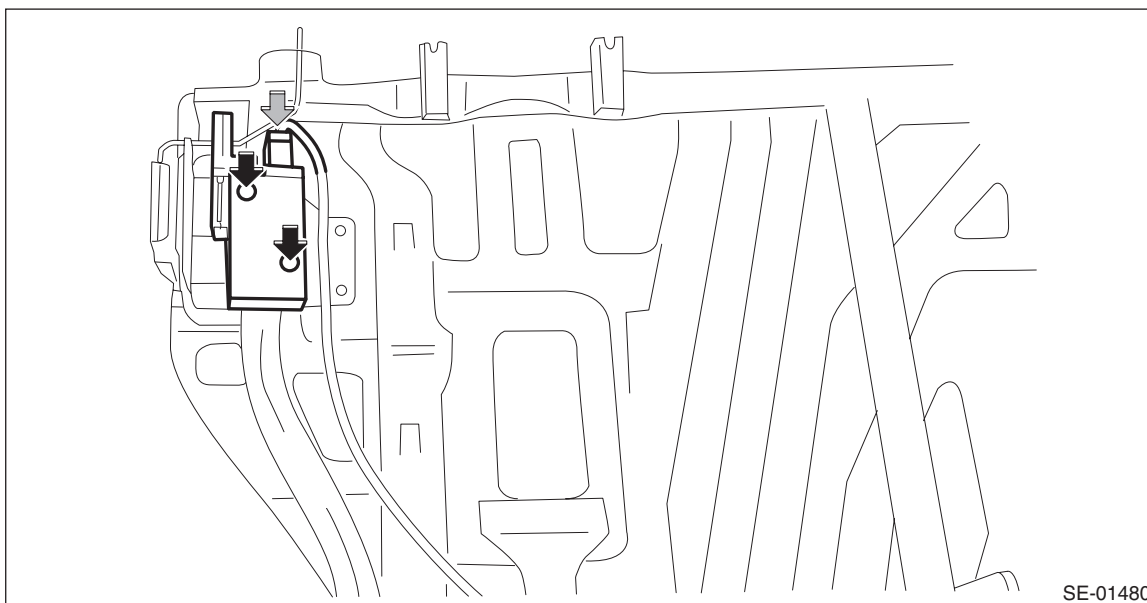
1. REMOTE CONTROL BACK REST SWITCH

- 1) Disconnect the ground cable from battery.
- 2) Remove the rear quarter lower trim. <Ref. to EI-102, REMOVAL, Rear Quarter Trim.>
- 3) Remove the remote control back rest switch from the rear quarter lower trim.



2. REMOTE CONTROL BACK REST ACTUATOR

- 1) Remove the rear seat backrest. <Ref. to SE-32, REMOVAL, Rear Seat.>
- 2) Remove the remote control back rest actuator from the rear seat backrest.
 - (1) Disconnect the connector.
 - (2) Remove the screws to remove the remote control back rest actuator.



B: INSTALLATION

Install each part in the reverse order of removal.

C: INSPECTION

1. WIRING DIAGRAM

Refer to "Remote Control Back Rest System" in the wiring diagram. <Ref. to WI-361, Remote Control Back Rest System.>

2. DIAGNOSTIC CHART

Symptoms	Repair order
Remote control back rest system does not operate.	1. Check the fuse. <Ref. to SE-60, CHECK REMOTE CONTROL BACK REST SYSTEM FUSE, INSPECTION, Remote Control Back Rest System.>
	2. Check the power supply and ground circuit for the remote control back rest system. <Ref. to SE-60, CHECK POWER SUPPLY AND GROUND CIRCUIT, INSPECTION, Remote Control Back Rest System.>
	3. Perform the inspection of switch unit. <Ref. to SE-61, INSPECTION OF SWITCH UNIT, INSPECTION, Remote Control Back Rest System.>
	4. Perform the inspection of actuator unit. <Ref. to SE-61, INSPECTION OF ACTUATOR UNIT, INSPECTION, Remote Control Back Rest System.>

3. CHECK REMOTE CONTROL BACK REST SYSTEM FUSE

Remove the fuse (FB-6) of remote control back rest system, and visually check.

Is the fuse blown out?

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

4. CHECK POWER SUPPLY AND GROUND CIRCUIT

1) Check power supply circuit

- (1) Disconnect the remote control back rest switch.
- (2) Turn the ignition switch to ON.
- (3) Measure the voltage between harness connector terminal and chassis ground.

Connector & terminal

RH side:

(R172) No. 5 (+) — Chassis ground (-):

LH side:

(R173) No. 5 (+) — Chassis ground (-):

Is the voltage 12 V or more?

- **Yes** → Go to step 2.
 - **No** → Check the harness between the remote control back rest switch and fuse.
- 2) Check ground circuit
- Measure the resistance between harness connector terminal and chassis ground.

Connector & terminal

RH side:

(R172) No. 1 — Chassis ground:

LH side:

(R173) No. 1 — Chassis ground:

Is the resistance less than 10 Ω when the switch is ON?

- **Yes** → Go to step 3.
- **No** → Check the switch.

- 3) Check power supply circuit
 - (1) Connect the remote control back rest switch.
 - (2) Disconnect the remote control back rest actuator.
 - (3) Turn the ignition switch to ON.
 - (4) Measure the voltage between harness connector terminal and chassis ground.

Connector & terminal

RH side:

(R170) No. 1 (+) — Chassis ground (-):

LH side:

(R171) No. 1 (+) — Chassis ground (-):

Is the voltage 12 V or more when the switch is ON?

- **Yes** → Go to step 4.
- **No** → Check the harness between the remote control back rest switch and actuator.

- 4) Check ground circuit

Measure the resistance between harness connector terminal and chassis ground.

Connector & terminal

RH side:

(R170) No. 2 — Chassis ground:

LH side:

(R171) No. 2 — Chassis ground:

Is the resistance 1 MΩ or more when the switch is ON?

- **Yes** → Perform the inspection of actuator unit.
- **No** → Repair the harness of ground circuit.

5. INSPECTION OF SWITCH UNIT

- 1) Disconnect the remote control back rest switch connector.
- 2) Measure the resistance between terminals of remote control back rest switch connector.

Connector & terminal

RH side:

(R172) No. 5 — (R172) No. 1:

LH side:

(R173) No. 5 — (R173) No. 1:

Is the resistance less than 10 Ω when the switch is ON?

- **Yes** → Normal operation.
- **No** → Replace the switch.

6. INSPECTION OF ACTUATOR UNIT

- 1) Disconnect the connector of actuator.
- 2) Connect the battery to the actuator connector.

Connector & terminal

RH side:

(R170) No. 1 (+) — (R170) No. 2 (-):

LH side:

(R171) No. 1 (+) — (R171) No. 2 (-):

Does the actuator operate?

- **Yes** → Normal operation.
- **No** → Replace the actuator.

Remote Control Back Rest System

SEATS

SECURITY AND LOCKS

SL

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