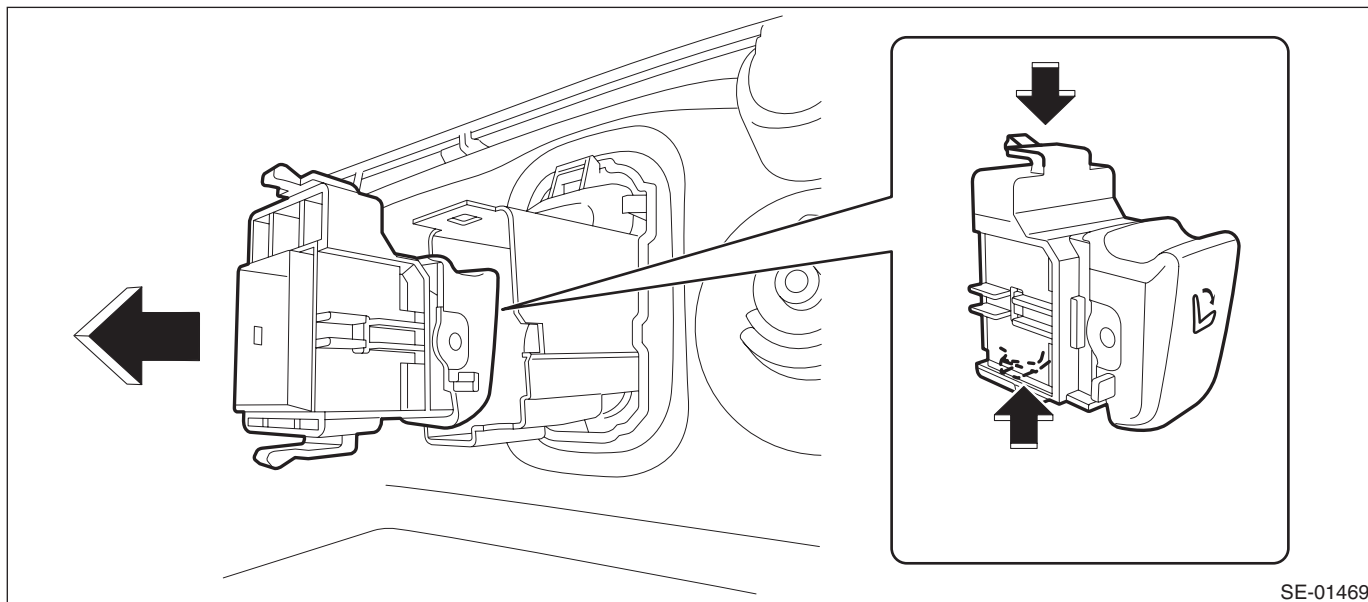


7. Remote Control Back Rest System

A: REMOVAL

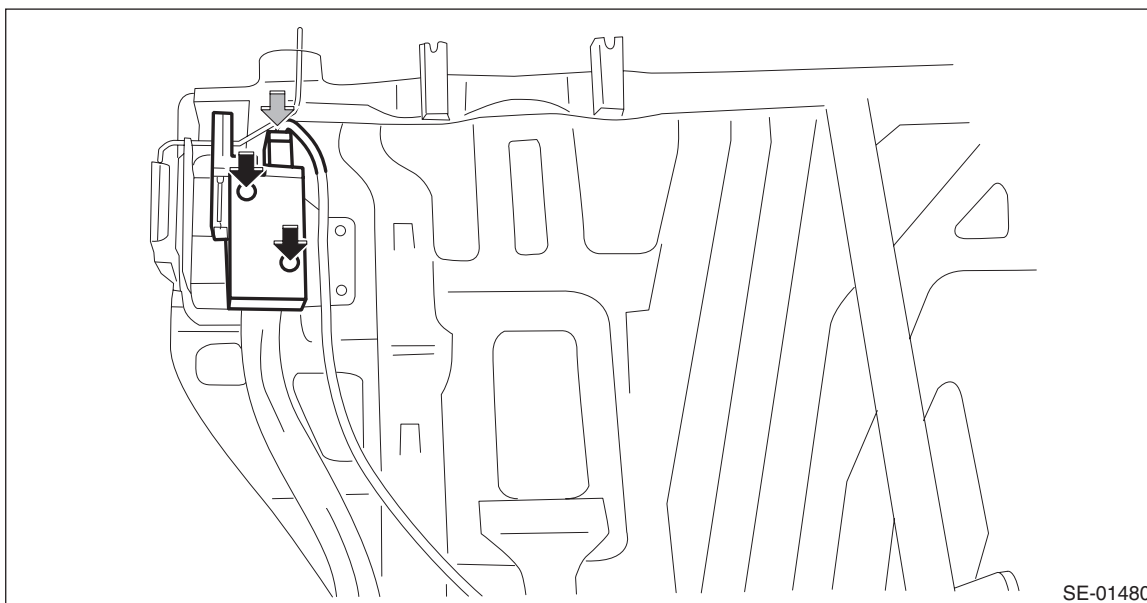
1. REMOTE CONTROL BACK REST SWITCH

- 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-34, 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-355, 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-62, 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-62, CHECK POWER SUPPLY AND GROUND CIRCUIT, INSPECTION, Remote Control Back Rest System.>
	3. Perform the inspection of switch unit. <Ref. to SE-63, INSPECTION OF SWITCH UNIT, INSPECTION, Remote Control Back Rest System.>
	4. Perform the inspection of actuator unit. <Ref. to SE-63, 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

	Page
1. General Description	2
2. Relay and Fuse	9
3. Door Lock Control System	11
4. Keyless Entry System	16
5. Keyless Access System	26
6. Push Button Start System	27
7. Security System	29
8. Front Inner Remote	34
9. Front Outer Handle	35
10. Front Door Latch and Door Lock Actuator Assembly	39
11. Rear Inner Remote	42
12. Rear Outer Handle	43
13. Rear Door Latch and Door Lock Actuator Assembly	47
14. Rear Gate Opener Button	49
15. Rear Gate Latch and Actuator Assembly	51
16. Front Hood Lock Assembly	53
17. Remote Openers	56
18. Ignition Key Lock	59
19. Key Lock Cylinders	64
20. Security Control Module	70
21. Impact Sensor	71
22. Keyless Entry Control Module	73
23. Keyless Buzzer	74
24. Body Integrated Unit	75
25. Keyless Transmitter	78
26. Access Key	81
27. Immobilizer Control Module	83
28. Immobilizer Antenna	84
29. Keyless Access Indoor Antenna	87
30. Keyless Access Outdoor Antenna	89
31. Rear Lock Button	91
32. Receiver	93
33. Keyless Access CM	94
34. ID Code Box	96
35. Steering Lock CM	97
36. Push Button Ignition Switch	98
37. Starter Relay (Push Button Start)	101
38. IG Relay1 (Push Button Start)	103
39. IG Relay2 (Push Button Start)	105
40. Accessory Relay (Push Button Start)	107
41. Starter Cut Relay	108
42. Access Buzzer	110
43. Function Setting (Customize)	112
44. Keyless Access With Push Button Start System	113