

Front Door Latch and Door Lock Actuator Assembly

SECURITY AND LOCKS

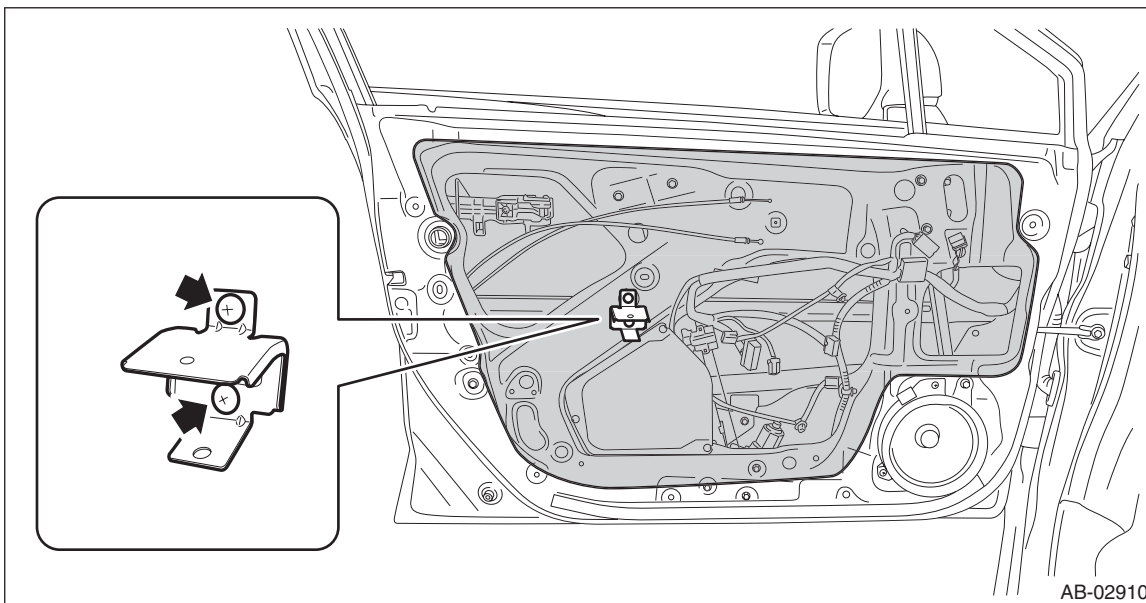
8. Front Door Latch and Door Lock Actuator Assembly

A: REMOVAL

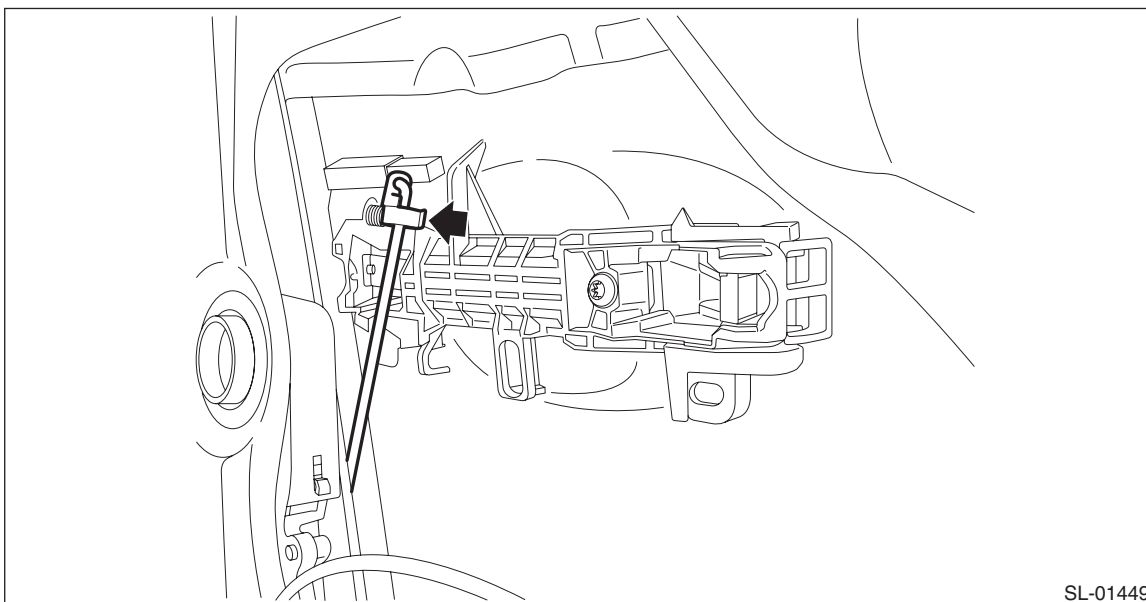
- 1) Raise the glass assembly - front door to the top position.
- 2) Remove the trim panel - front door. <Ref. to EI-61, FRONT DOOR, REMOVAL, Door Trim.>
- 3) Remove the sealing cover - front door.

CAUTION:

- Carefully remove the butyl tape. Excessive force will easily break the sealing cover - front door.
- If the sealing cover - front door gets broken, replace it with a new part.
 - (1) Remove the screw to remove the bracket - door trim front.
 - (2) Disconnect connectors.
 - (3) Carefully remove the butyl tape to remove the sealing cover - front door.



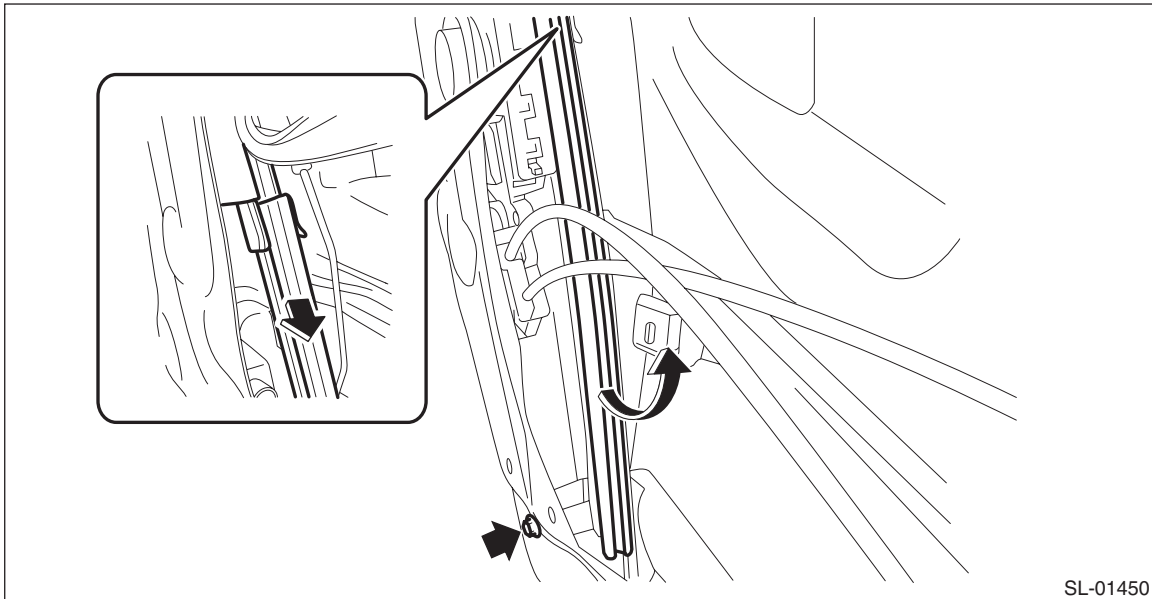
- 4) Remove the rod from the rod clamp of the frame assembly - front door outer.



5) Remove the sash COMPL - lower.

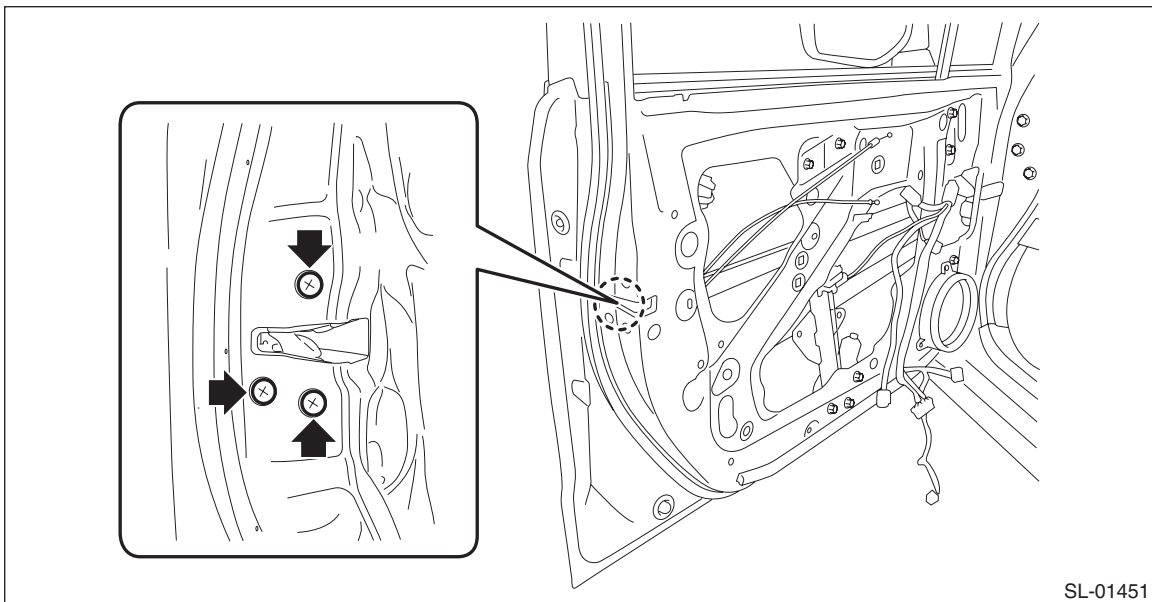
(1) Remove the lower side of the running channel - front door.

(2) Remove the bolts, and remove the sash COMPL - lower.



SL-01450

6) Remove the screws to remove the latch & actuator assembly - front.



SL-01451

B: INSTALLATION

1) Before installation, check the following items.

- Cable and rod are free from deformation.
- Grease is applied sufficiently to rod joints.

If grease is insufficient, add it as necessary before assembling the rod.

2) Install each part in the reverse order of removal.

Tightening torque:

Door lock assembly: <Ref. to SL-2, DOOR LOCK ASSEMBLY, COMPONENT, General Description.>

Sash COMPL - D3: 7.5 N·m (0.76 kgf·m, 5.5 ft·lb)

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C: INSPECTION

1. LATCH

Check if the latch operates normally.

If the cable or rod is faulty, replace the latch & actuator assembly - front.

2. LOCK ACTUATOR

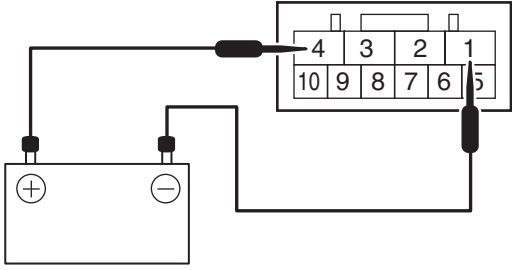
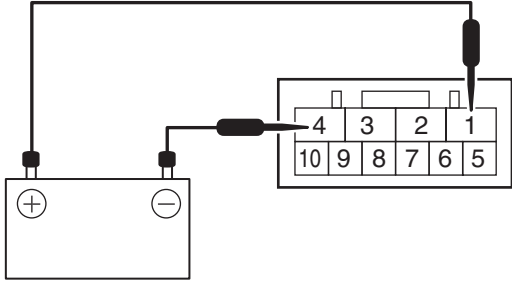
UNIT INSPECTION

Preparation tool:

Circuit tester

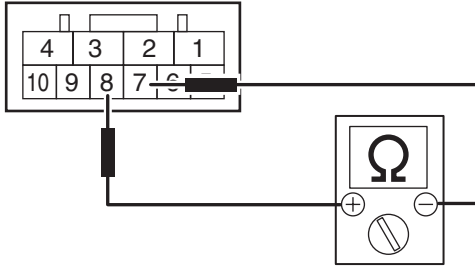
1) Check door lock operation

Check the door lock operation when battery voltage is applied between the terminals of actuator.

Terminal No.	Inspection conditions	Specification	Connection diagram
4 (+) — 1 (–)	Apply battery voltage.	LOCK	 <p>SL-01474</p>
1 (+) — 4 (–)		UNLOCK	 <p>SL-01473</p>

2) Check position switch

Check the resistance between actuator terminals.

Terminal No.	Inspection conditions	Standard	Connection diagram
8 — 7	LOCK	1 MΩ or more	 <p>SL-01568</p>
	UNLOCK	Less than 1 Ω	

3) Replace the latch & actuator assembly - front if it is found defective.