

10. Front Door Latch and Door Lock Actuator Assembly

A: REMOVAL

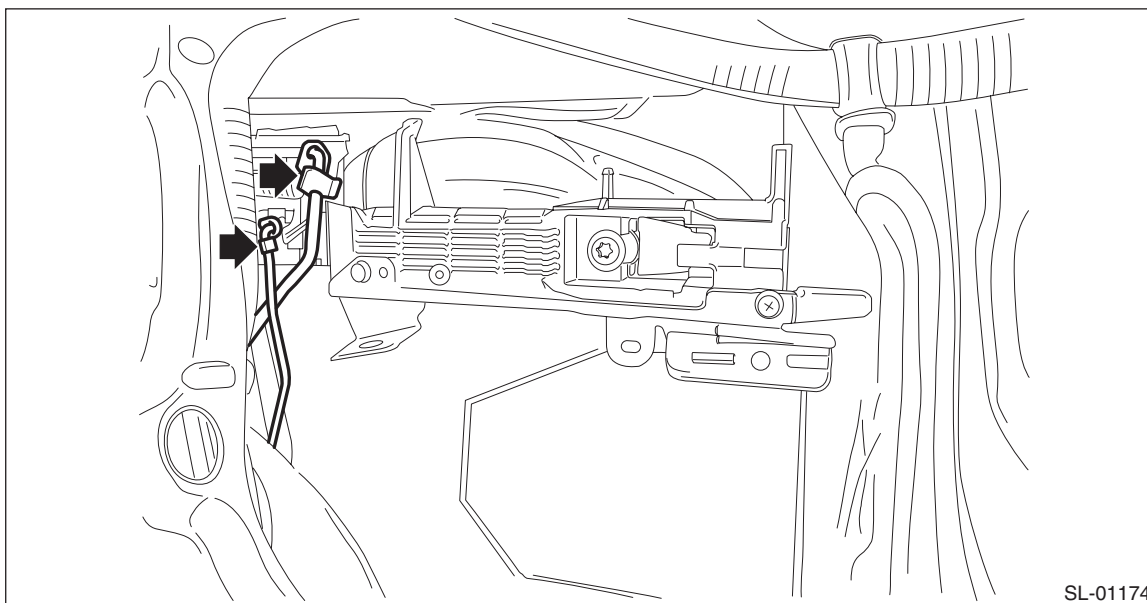
- 1) Raise the front door glass to the top position.
- 2) Remove the front door trim. <Ref. to EI-57, FRONT DOOR, REMOVAL, Door Trim.>
- 3) Remove the sealing cover.

CAUTION:

- Carefully remove the butyl tape. Excessive force will easily break the cover.
- If the sealing cover gets broken, replace it with a new part.



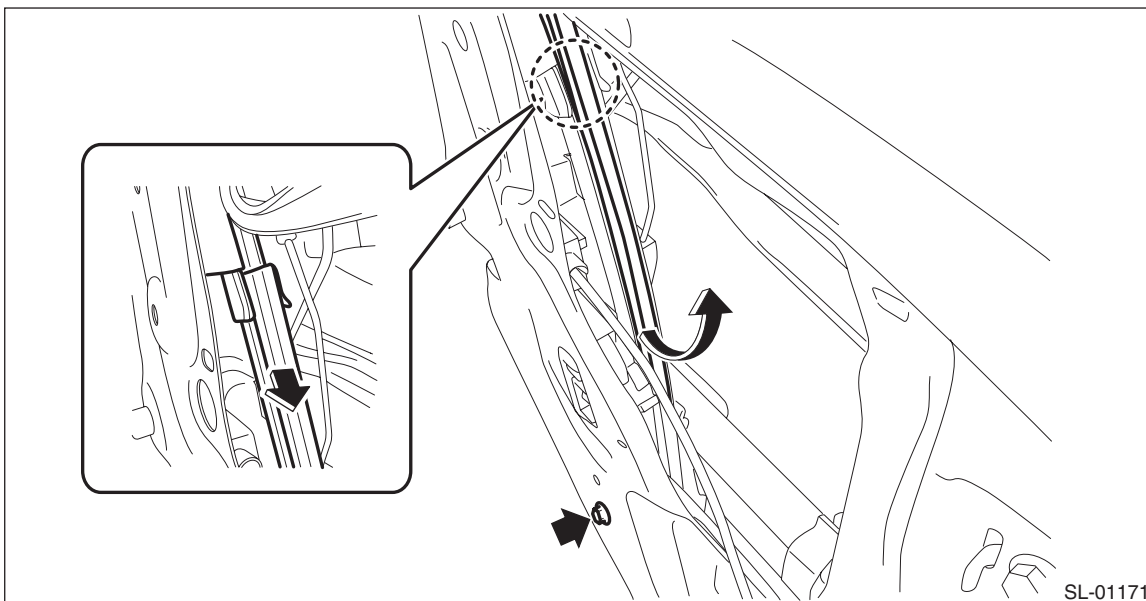
- 4) Remove the rod from the outer handle rod clamp.



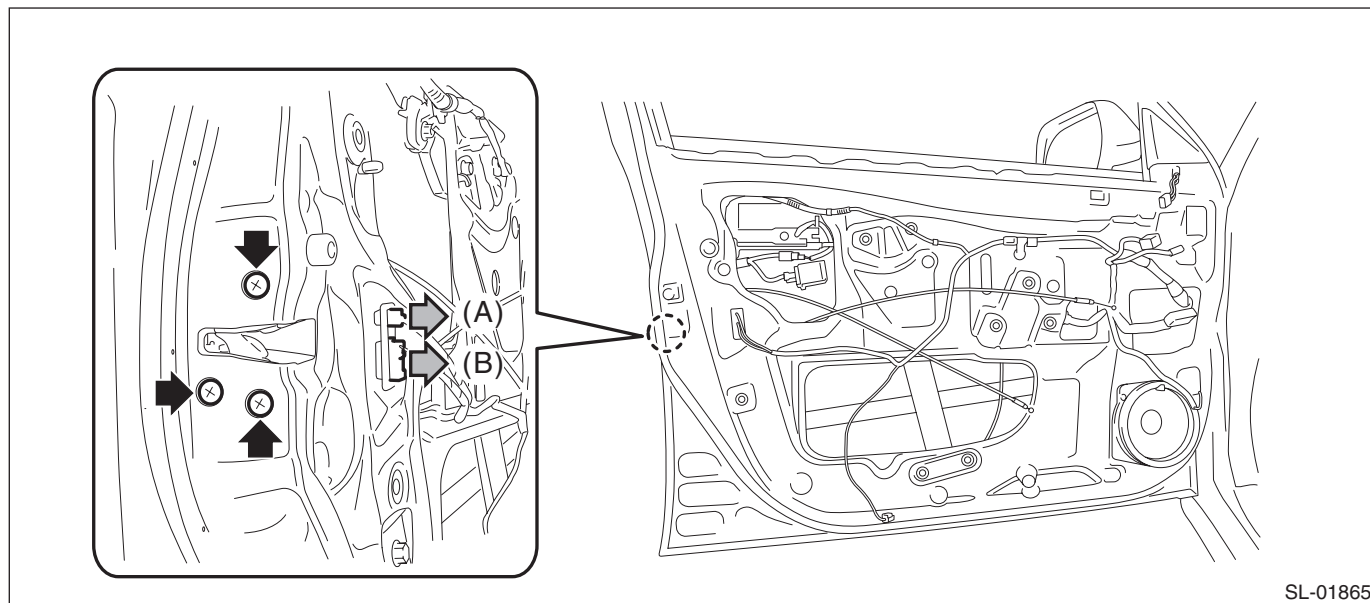
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SECURITY AND LOCKS

- 5) Remove the door sash lower.
- (1) Remove the lower side of the glass run rubber.
 - (2) Remove the bolts, and then remove the door sash lower.



- 6) Remove the front door latch and door lock actuator assembly.
- (1) Disconnect the connector.
 - (2) Remove the screws, and remove the front door latch & door lock actuator assembly.



(A) Door lock actuator connector

(B) Status switch connector (model with keyless access)

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:

Refer to “COMPONENT” of “General Description”. <Ref. to SL-3, DOOR LOCK ASSEMBLY, COMPONENT, General Description.>

C: INSPECTION

1. FRONT DOOR LATCH

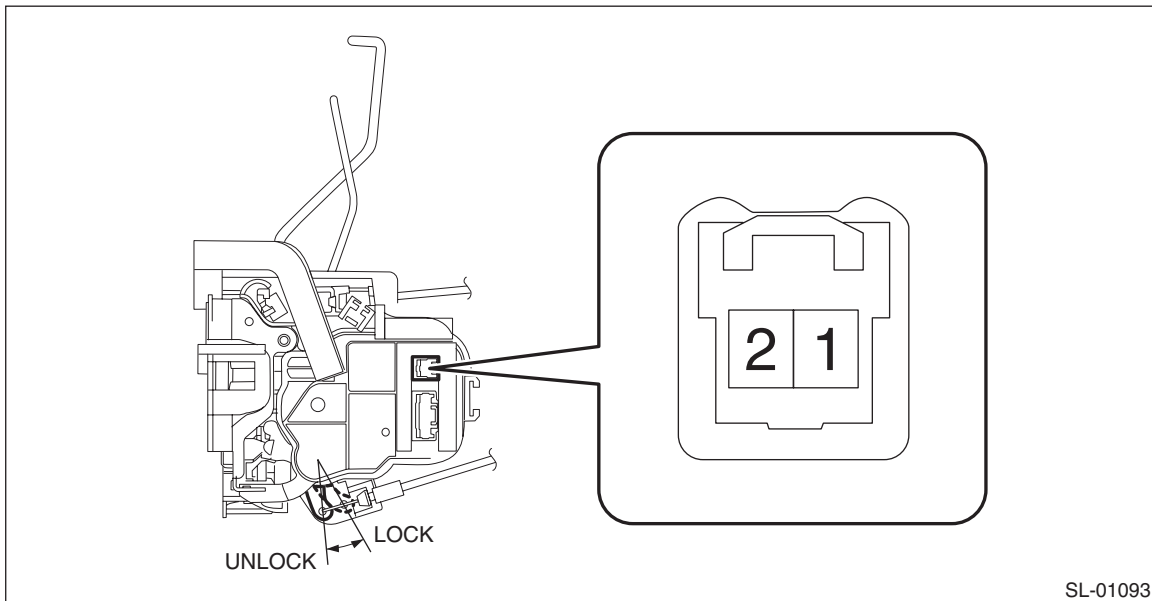
Check if the front door latch operates normally.

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

2. FRONT DOOR LOCK ACTUATOR (MODEL WITHOUT DOUBLE LOCK)

1) Disconnect the front door lock actuator connector.

2) Check the door lock operation by applying battery voltage between the terminals of front door lock actuator.



Inspection conditions	Terminal No.	
	1	2
LOCK → UNLOCK	–	+
UNLOCK → LOCK	+	–

3) If the actuator does not operate normally, replace the front door latch & door lock actuator assembly.

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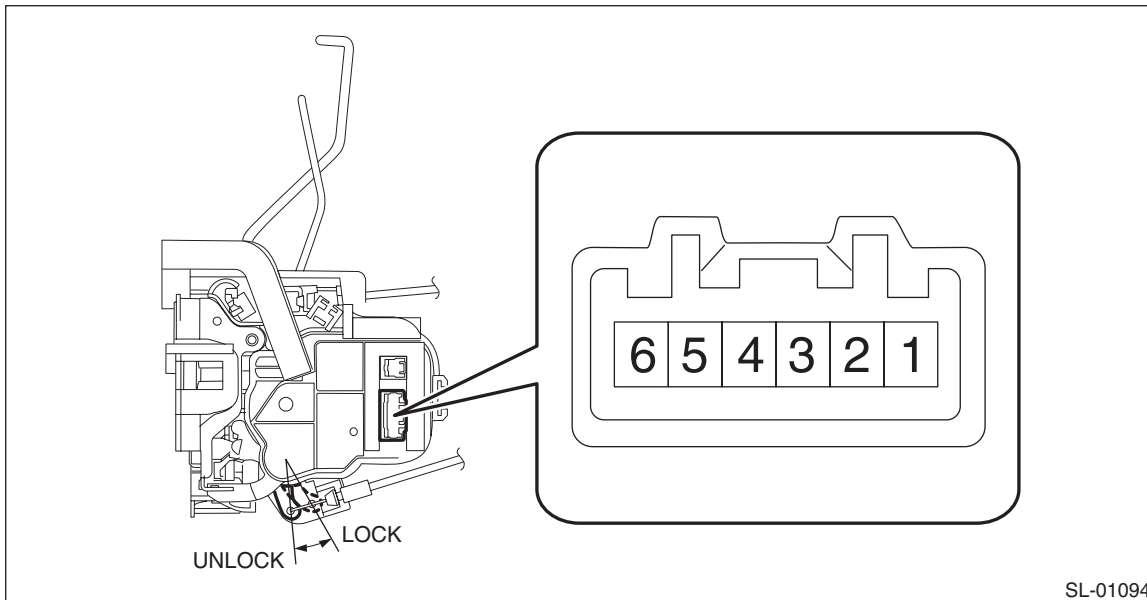
SECURITY AND LOCKS

3. CHECK STATUS SWITCH (WITH KEYLESS ACCESS)

- 1) Disconnect the status switch connector.
- 2) Measure the resistance between status switch terminals.

Preparation tool:

Circuit tester



• RH

Terminal No.	Inspection conditions	Standard
1 — 3	LOCK	1 M Ω or more
	UNLOCK	Less than 1 Ω

• LH

Terminal No.	Inspection conditions	Standard
4 — 6	LOCK	1 M Ω or more
	UNLOCK	Less than 1 Ω

3) If the inspection result is not within the standard value, replace the front door latch & door lock actuator assembly.