

## 10. Front Door Latch and Door Lock Actuator Assembly

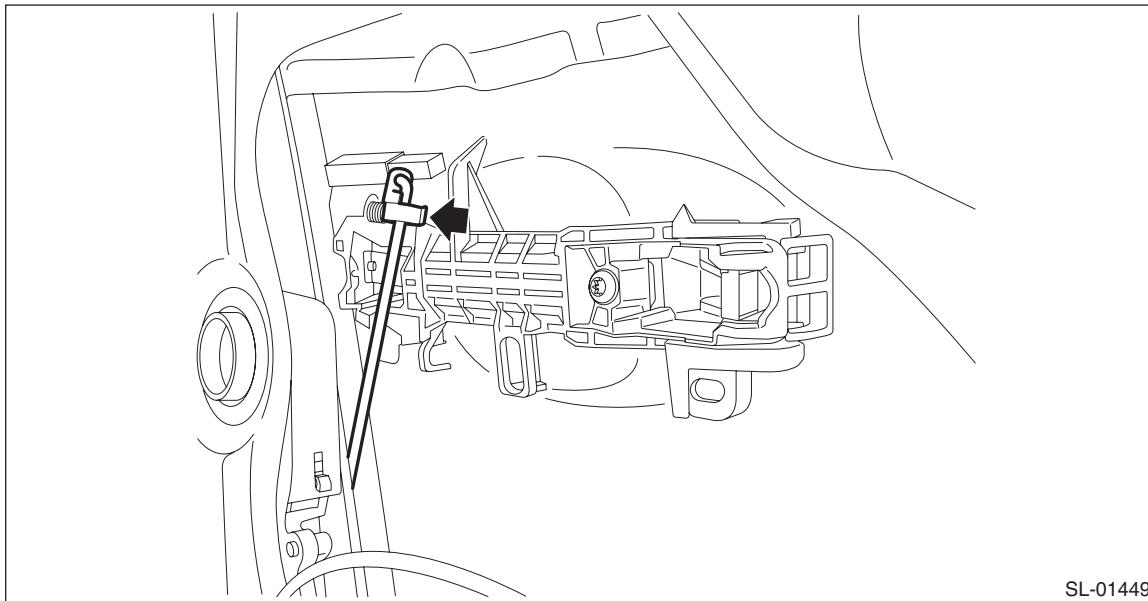
### A: REMOVAL

- 1) Raise the glass assembly - front door to the top position.
- 2) Disconnect the ground cable from battery and wait for at least 60 seconds before starting work. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

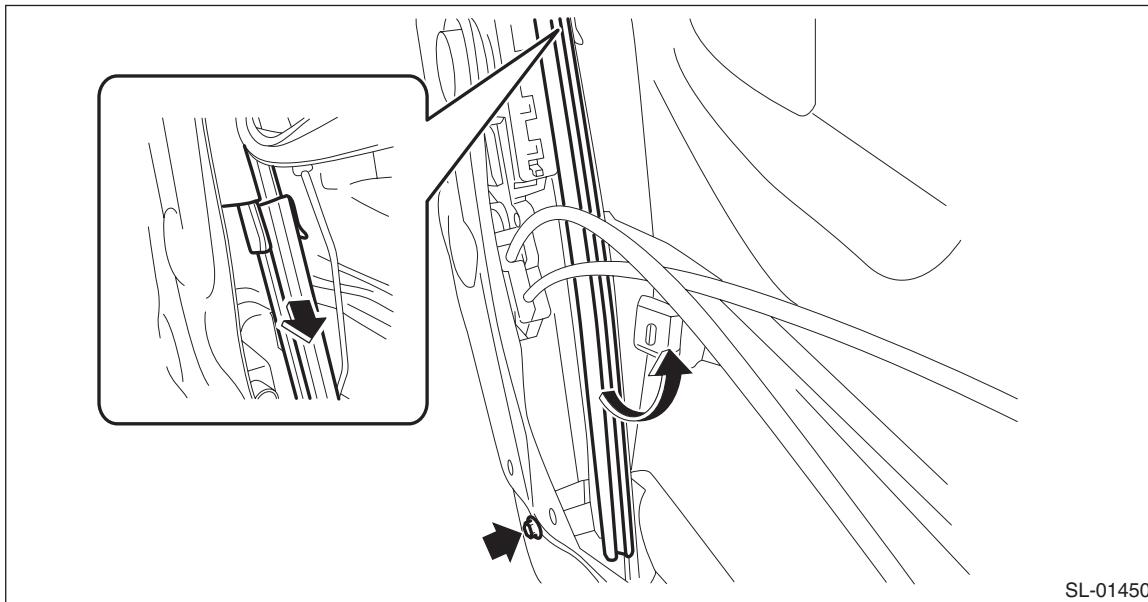
For models other than STI model, disconnect the ground terminal from battery sensor.

- 3) Remove the trim panel - front door. <Ref. to EI-56, FRONT DOOR, REMOVAL, Door Trim.>
- 4) Remove the sealing cover - front door. <Ref. to EB-32, REMOVAL, Front Sealing Cover.>
- 5) Remove the rod clamp and remove the rod.



- 6) Remove the sash COMPL - lower.

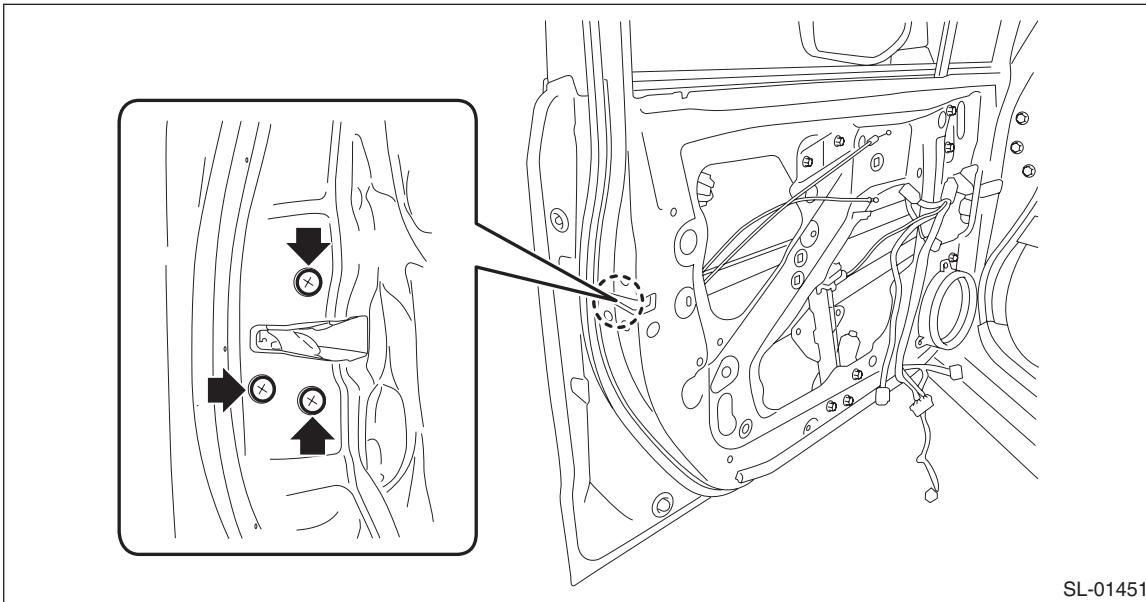
- (1) Remove the lower side of the running channel - front door.
- (2) Remove the bolts, and remove the sash COMPL - lower.



# Front Door Latch and Door Lock Actuator Assembly

## SECURITY AND LOCKS

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



## 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 the latch and actuator assembly - front.

### ***Tightening torque:***

***6.5 N·m (0.7 kgf-m, 5.2 ft-lb)***

- 3) Install the rod clamp to the frame assembly - front door outer.
- 4) Install the sash COMPL - lower.

### ***Tightening torque:***

***7.5 N·m (0.8 kgf-m, 5.5 ft-lb)***

- 5) Install the sealing cover - front door.
- 6) Install the trim panel - front door.
- 7) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>

### **NOTE:**

For models other than STI model, connect the ground terminal to battery sensor.

### C: INSPECTION

#### 1. LATCH

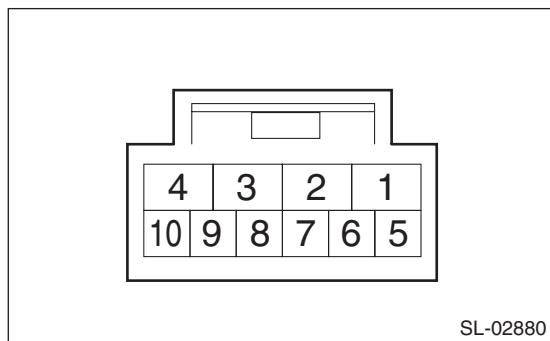
Check if the latch operates normally.

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

#### 2. LOCK ACTUATOR

##### 1) Check door lock operation

Check the door lock operation when battery voltage is applied between the connectors.



Terminal No.	Inspection conditions	Standard
4 (+) — 1 (-)	Apply battery voltage.	LOCK
1 (+) — 4 (-)		UNLOCK

##### 2) Check position switch

Measure the resistance between connector terminals.

**Preparation tool:**  
*Circuit tester*

Terminal No.	Inspection conditions	Standard
8 — 7	LOCK	1 MΩ or more
	UNLOCK	Less than 1 Ω

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