

4. Glass Lid

A: REMOVAL

1. GLASS LID

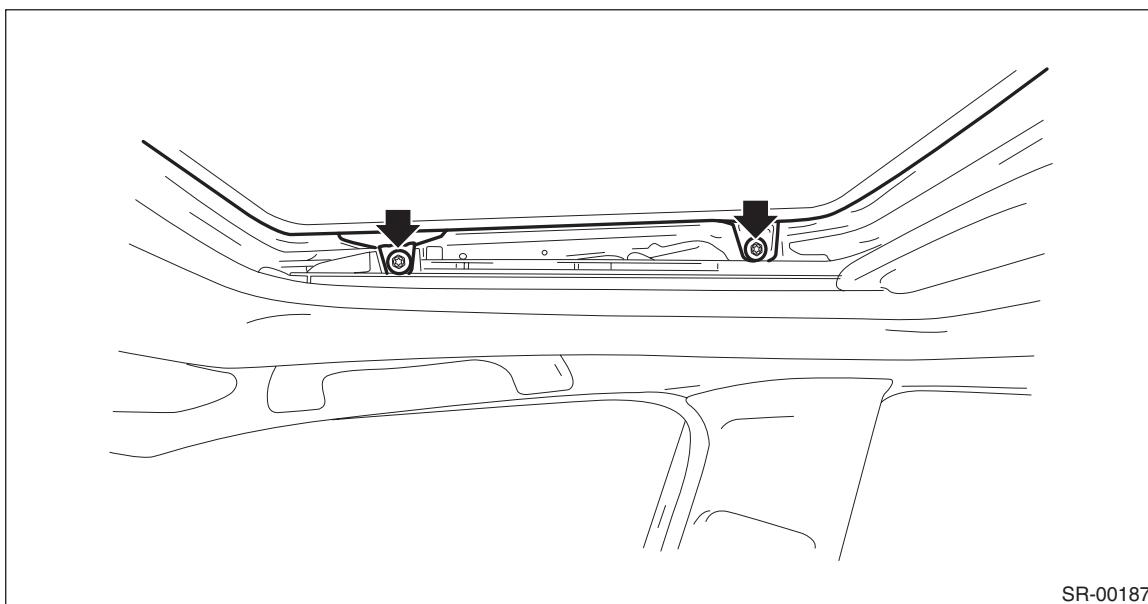
CAUTION:

Be careful not to damage the lid assembly - sunroof.

- 1) Completely close the lid assembly - sunroof, and open the sunshade assembly.
- 2) Remove the lid assembly - sunroof.

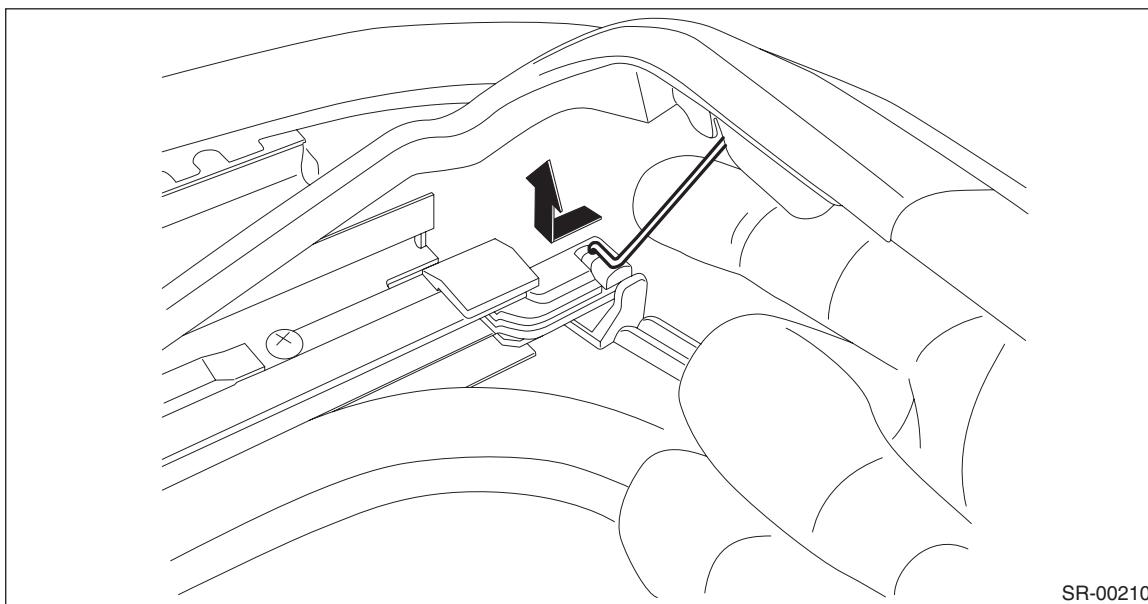
Preparation tool:

TORX® T25



2. DEFLECTOR ASSEMBLY

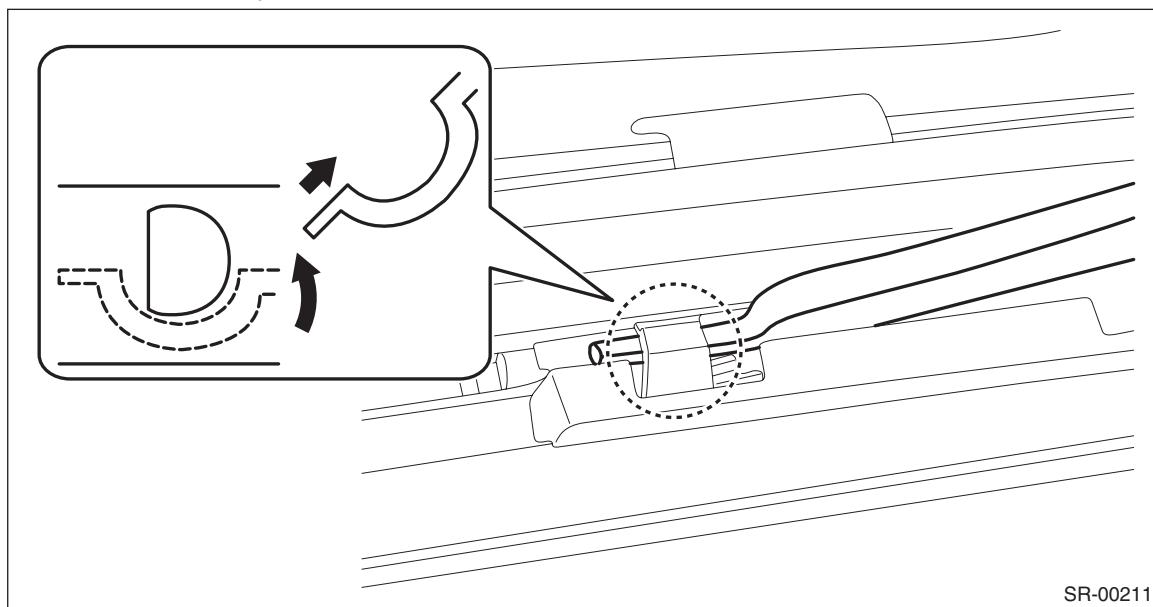
- 1) Open the lid assembly - sunroof and the sunshade assembly.
- 2) Remove the deflector assembly - sunroof.
 - (1) Remove the spring from the rail assembly - sunroof.



Glass Lid

SUNROOF/T-TOP/CONVERTIBLE TOP (SUNROOF)

(2) While lifting up the deflector assembly - sunroof, remove the deflector assembly - sunroof from the hook on the rail assembly - sunroof.



B: INSTALLATION

1. GLASS LID

1) Using a new TORX® bolt, install the lid assembly - sunroof.

Tightening torque:

4.5 N·m (0.5 kgf-m, 3.3 ft-lb)

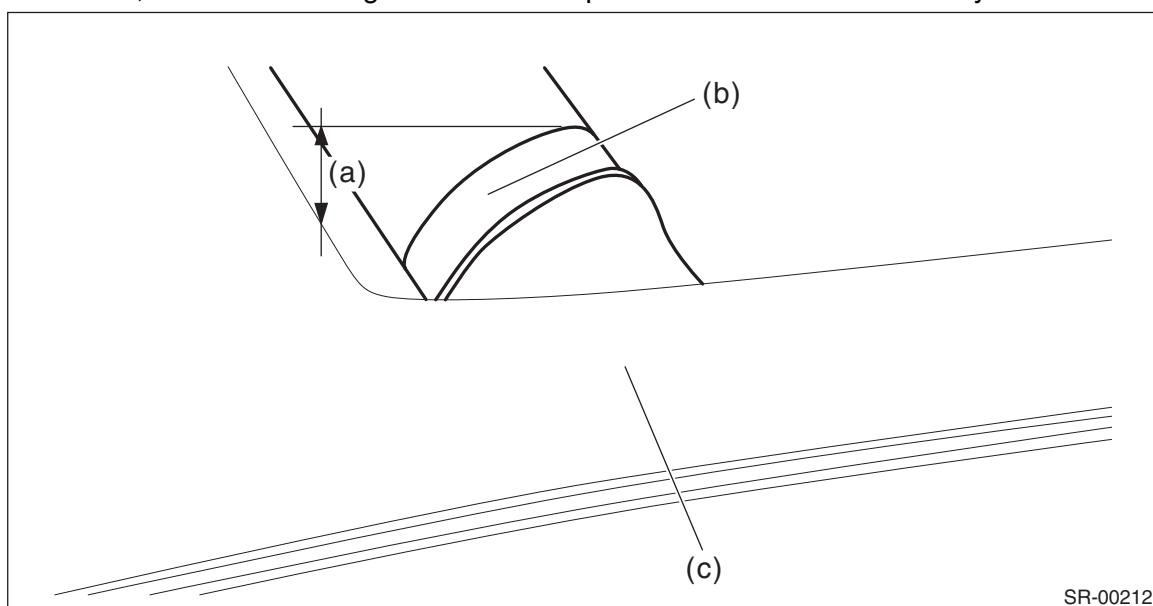
2) Perform the open/close operation checks for the glass lid.

3) Check the height of the lid assembly - sunroof and the roof panel, and perform adjustment when there is a difference between up and down, and left and right. <Ref. to SR-9, ADJUSTMENT, Glass Lid.>

2. DEFLECTOR

1) Install the deflector assembly - sunroof.

2) After installation, measure the height from the roof panel when deflector assembly - sunroof is activated.



(a) 14 mm (0.55 in)

(b) Deflector ASSY - sunroof

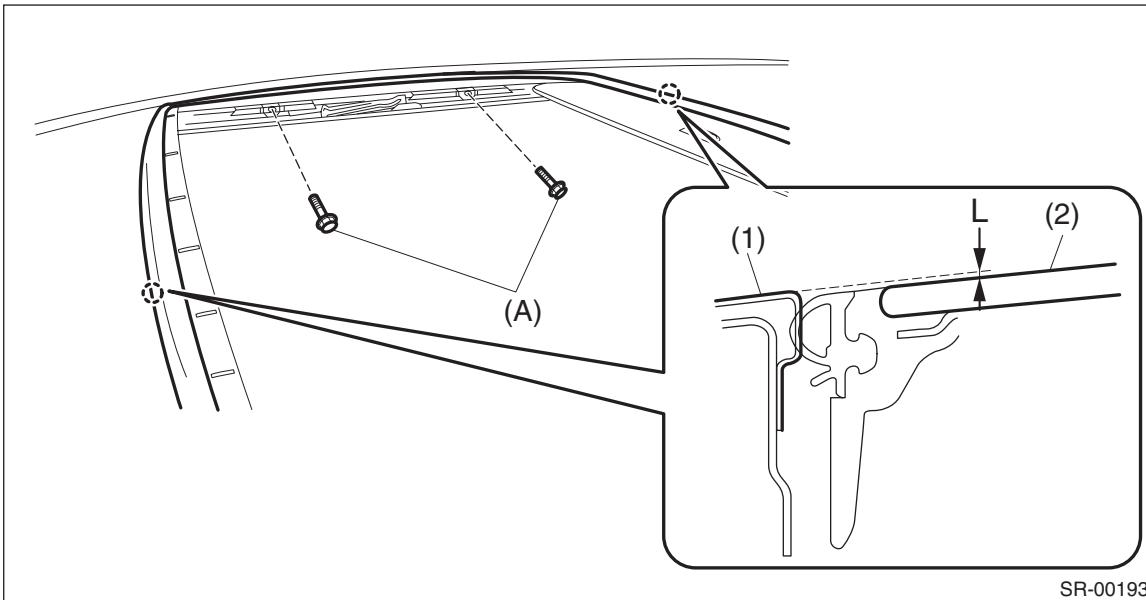
(c) Roof panel

C: ADJUSTMENT

- 1) Adjust the height of the lid assembly - sunroof and the roof panel.
- 2) Loosen the lid assembly - sunroof mounting bolts (A), and then adjust the height by moving the lid assembly - sunroof side.

Lid assembly - sunroof height difference L:

Lid assembly - sunroof to Roof panel: 0.7 ± 1.0 mm (0.03 ± 0.04 in)



(1) Roof panel

(2) Lid ASSY - sunroof

SR-00193

Tightening torque:

$4.5\text{ N}\cdot\text{m}$ ($0.5\text{ kgf}\cdot\text{m}$, 3.3 ft-lb)

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D: FORCED DRIVE

If the lid assembly - sunroof does not operate or the motor assembly is not supplied with power, move the lid assembly - sunroof using the hexagon wrench.

Preparation tool:

Hexagon wrench: width across flat 4 mm (0.16 in)

CAUTION:

After a forced operation, make sure to perform an initialize operation. <Ref. to SR-6, INITIALIZE OPERATION, OPERATION, Sunroof Control System.>

- 1) Remove the light assembly - map. <Ref. to LI-60, REMOVAL, Spot Map Light.>
- 2) Insert the hexagon wrench securely until it touches the motor shaft end.
- 3) Turn the hexagon wrench, and move the lid assembly - sunroof.
 - Turning right, the lid assembly - sunroof opens.
 - Turning left, the lid assembly - sunroof closes.

CAUTION:

Be careful not to damage the adjacent parts with the rod end when moving the lid assembly - sunroof with the hexagon wrench.

