

Sunroof Assembly

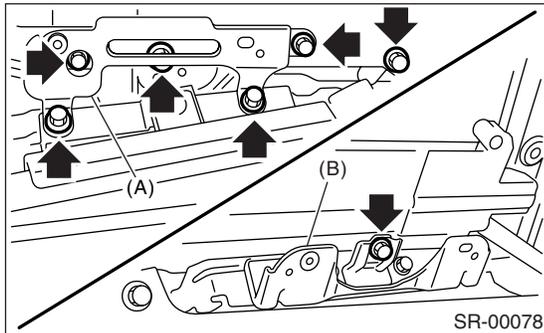
SUN ROOF/T-TOP/CONVERTIBLE TOP (SUNROOF)

4. Sunroof Assembly

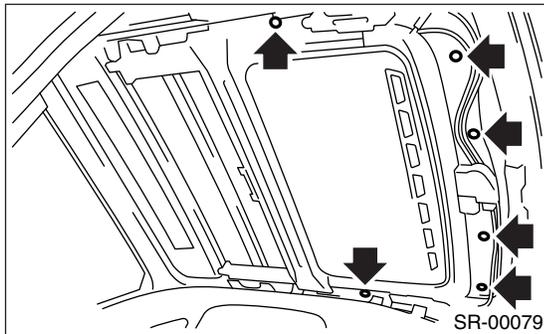
A: REMOVAL

1. SEDAN MODEL

- 1) Disconnect the ground cable from battery.
- 2) Remove the roof trim. <Ref. to EI-66, SEDAN MODEL, REMOVAL, Roof Trim.>
- 3) Disconnect the harness connector of sunroof motor.
- 4) Remove the glass lid. <Ref. to SR-5, SEDAN MODEL, REMOVAL, Glass Lid.>
- 5) Remove the drain tube from frame assembly.
- 6) Remove the assist rail bracket (front) (A) and sunroof bracket (rear) (B).



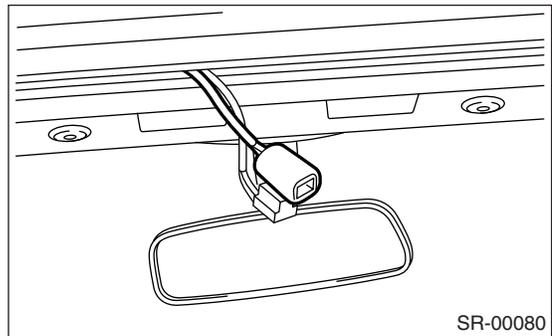
- 7) Remove the nuts, and then remove the frame assembly.



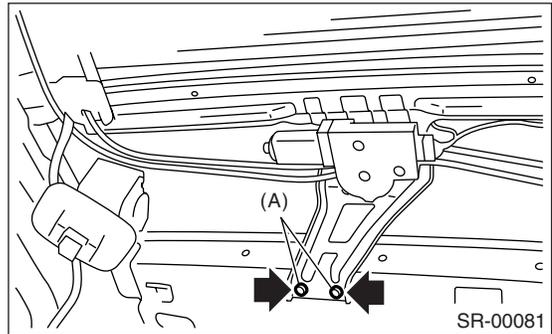
2. WAGON MODEL

- 1) Disconnect the ground cable from battery.
- 2) Remove the roof trim. <Ref. to EI-66, WAGON MODEL, REMOVAL, Roof Trim.>

- 3) Disconnect the harness connector of motor assembly.



- 4) Remove the front and rear glass lid. <Ref. to SR-5, WAGON MODEL (FRONT), REMOVAL, Glass Lid.> <Ref. to SR-5, WAGON MODEL (REAR), REMOVAL, Glass Lid.>
- 5) Remove the installation bolts (A) on rear side frame bracket of frame assembly.

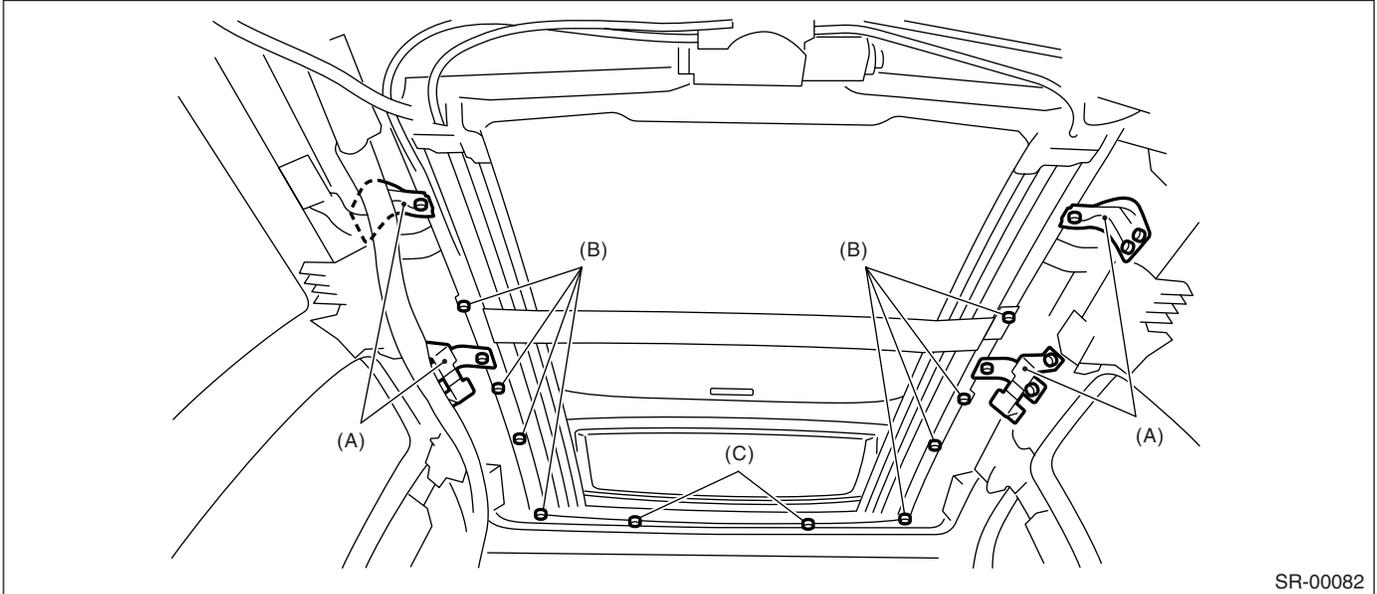


- 6) Remove the drain tube from frame assembly.
- 7) Remove the frame bracket (A).

Sunroof Assembly

SUN ROOF/T-TOP/CONVERTIBLE TOP (SUNROOF)

8) Remove the bolts (B) and nuts (C), and then remove the frame assembly.



B: INSTALLATION

Install in the reverse order of removal.

CAUTION:

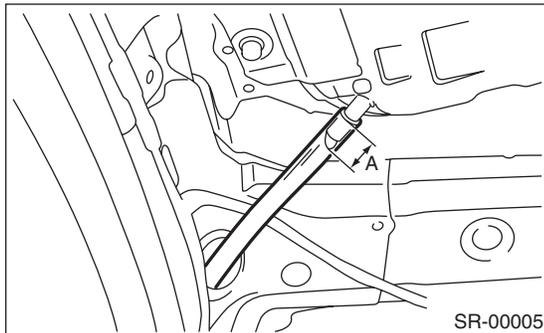
Be careful not to snag the harness.

NOTE:

- Be sure to connect the harness connector.
- When installing the drain tube, insert it securely into drain pipe.

Length A:

15 mm (0.59 in) or more

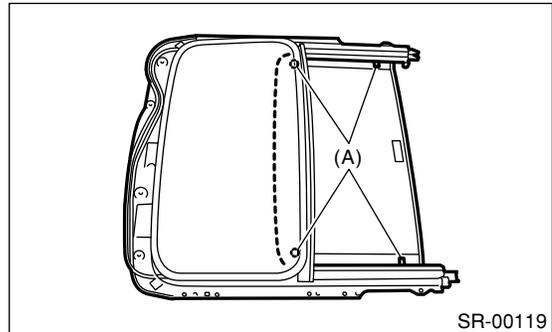


C: DISASSEMBLY

1. SEDAN MODEL

- 1) Remove the glass lid.
- 2) Slide the sunshade to full front end.

3) Remove the screw of the slider bracket (A) from roof opening.



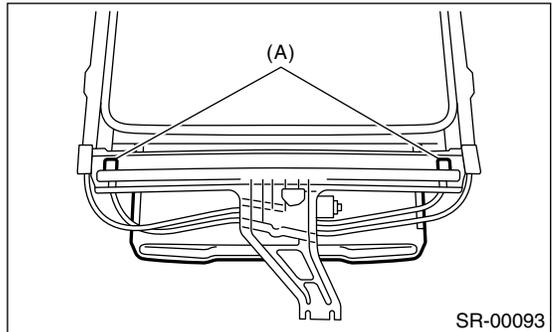
4) Pull out the sunshade from roof opening.

NOTE:

For sedan model, sunshade can be removed/installed with frame assembly installed to the vehicle.

2. WAGON MODEL

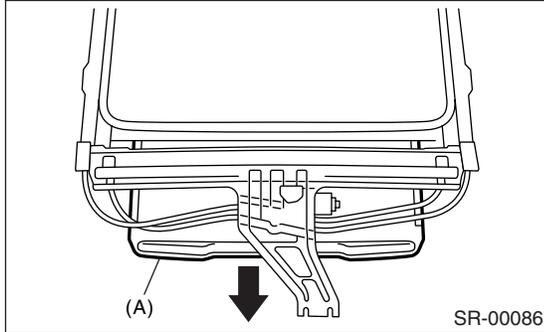
- 1) Remove the frame assembly.
- 2) Remove the shade stopper (A) of sunshade.



Sunroof Assembly

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3) Pull out the sunshade (A) from sunroof frame.



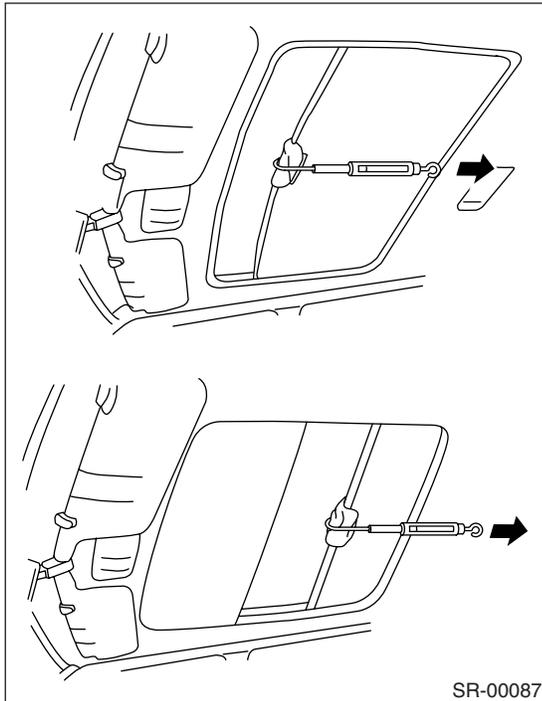
D: ASSEMBLY

Assemble in the reverse order of disassembly.

E: INSPECTION

1. CHECK FOR MOVING LOAD OF SUNSHADE

1) Attach a spring balance to sunshade edge using a cloth.



2) Pull the spring balance to measure moving load of the sunshade.

Moving load of sunshade:

Standard value

18.0 ± 5.0 N (1.8 ± 0.5 kgf, 13 ± 3.7 lb)

NOTE:

Moving load is larger at the beginning of pulling a spring balance, so take a spring balance reading while sunshade sliding smoothly.

3) If moving load exceeds specifications, check the glass lid, sunshade and frame assembly for improper installation.