

5. Sunroof Assembly

A: REMOVAL

1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

- Completely close the lid assembly - sunroof, then disconnect the ground cable.
- For models other than STI model, disconnect the ground terminal from battery sensor.

2) Remove the lid assembly - sunroof.

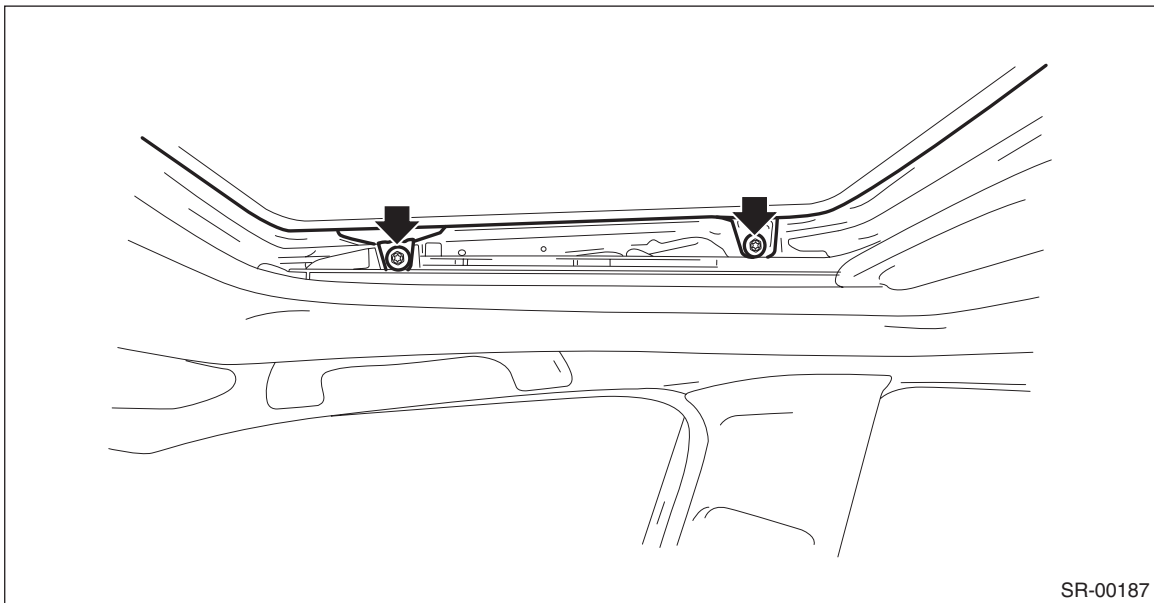
CAUTION:

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:

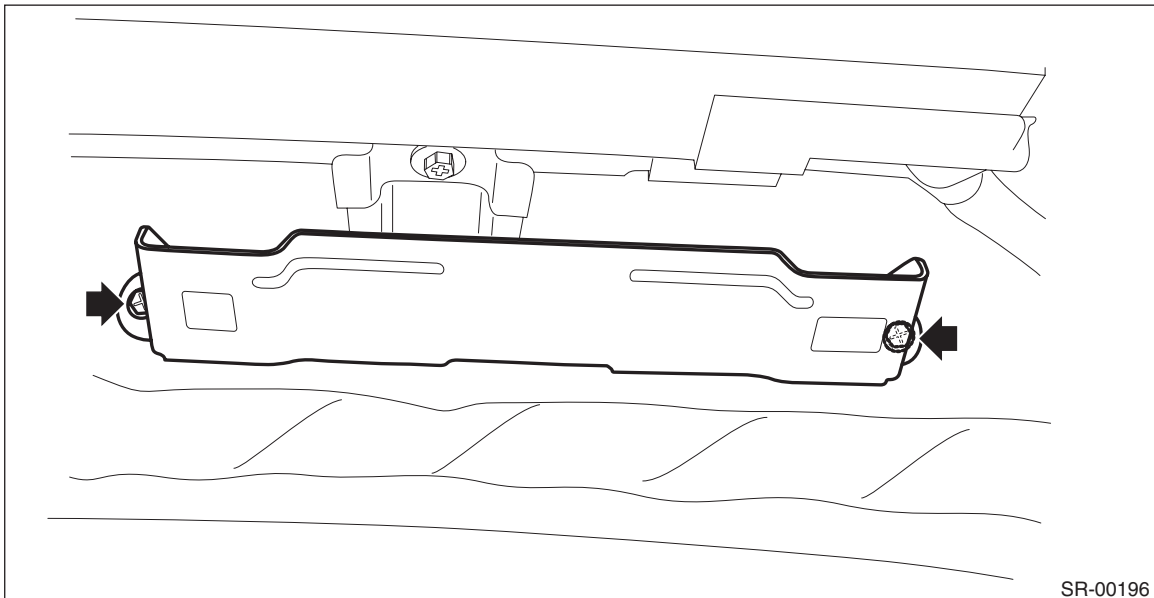
TORX® T25



SR-00187

3) Remove the trim panel - roof assembly. <Ref. to EI-99, REMOVAL, Roof Trim.>

4) Remove the bracket - assist rail.



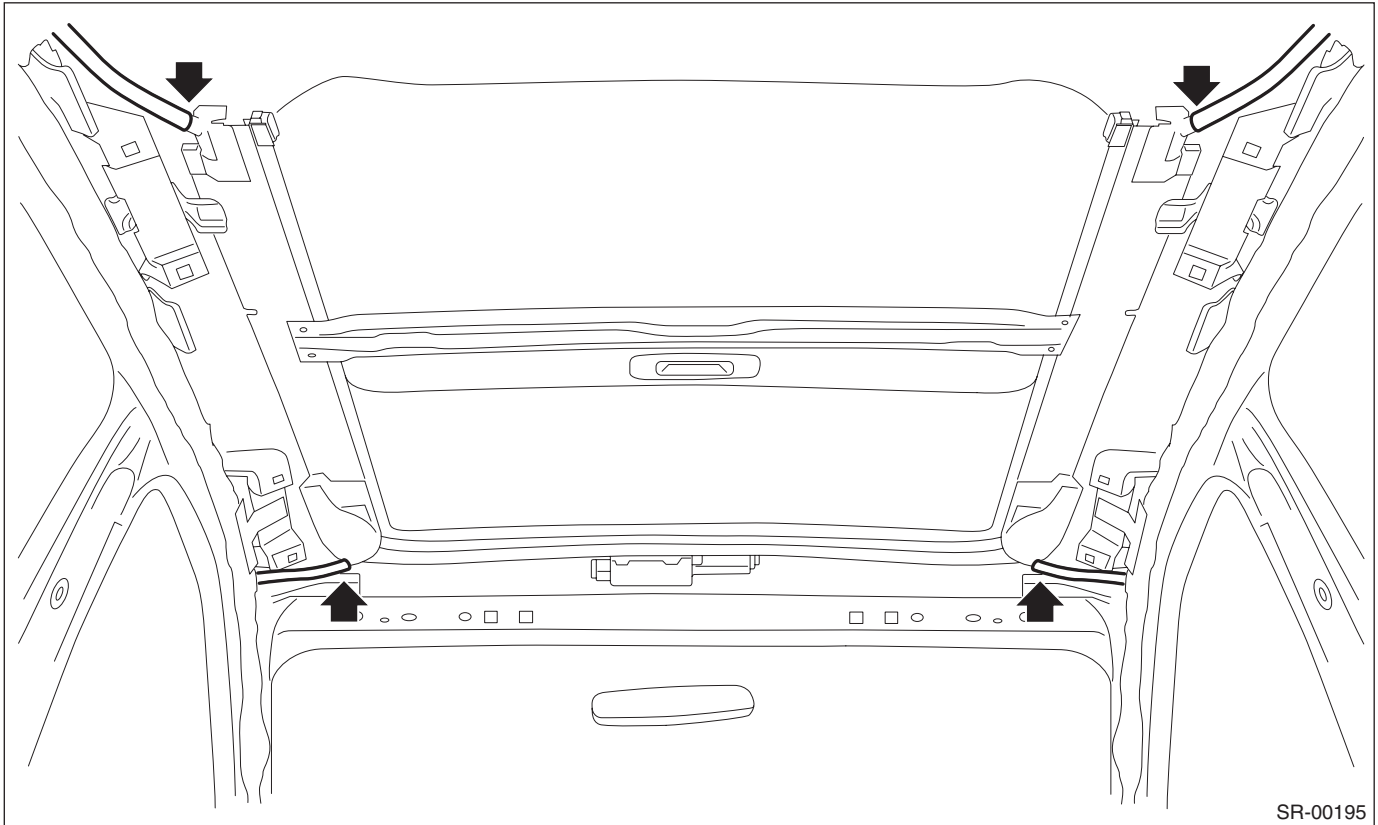
SR-00196

5) Disconnect the connector of the motor assembly - sunroof.

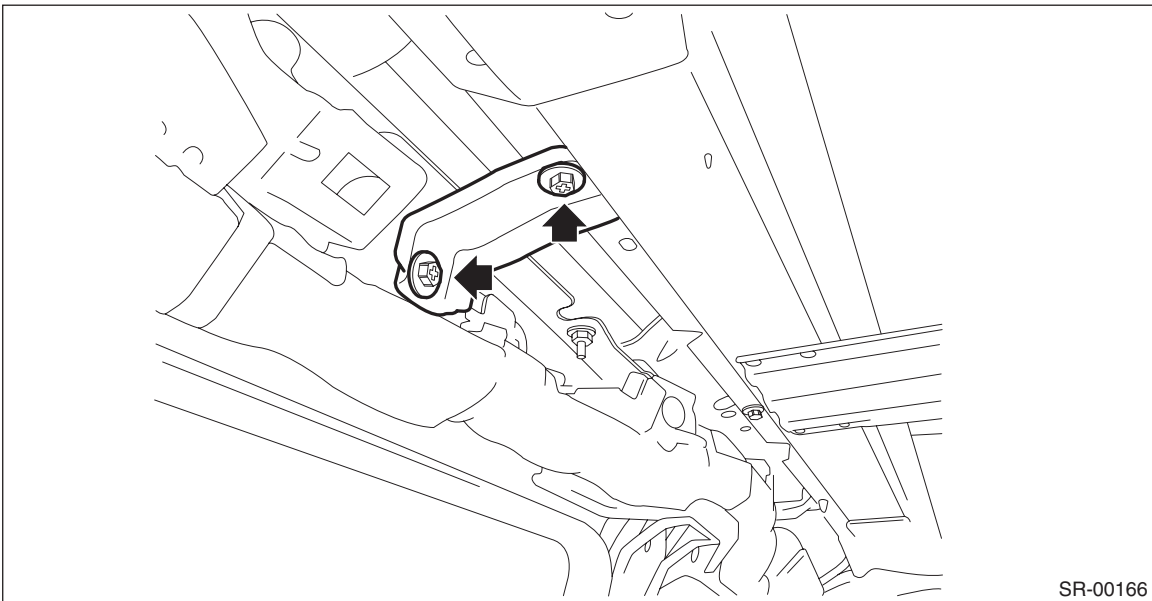
Sunroof Assembly

SUNROOF/T-TOP/CONVERTIBLE TOP (SUNROOF)

- 6) Remove the rail assembly - sunroof.
(1) Remove the drain tube - sunroof.



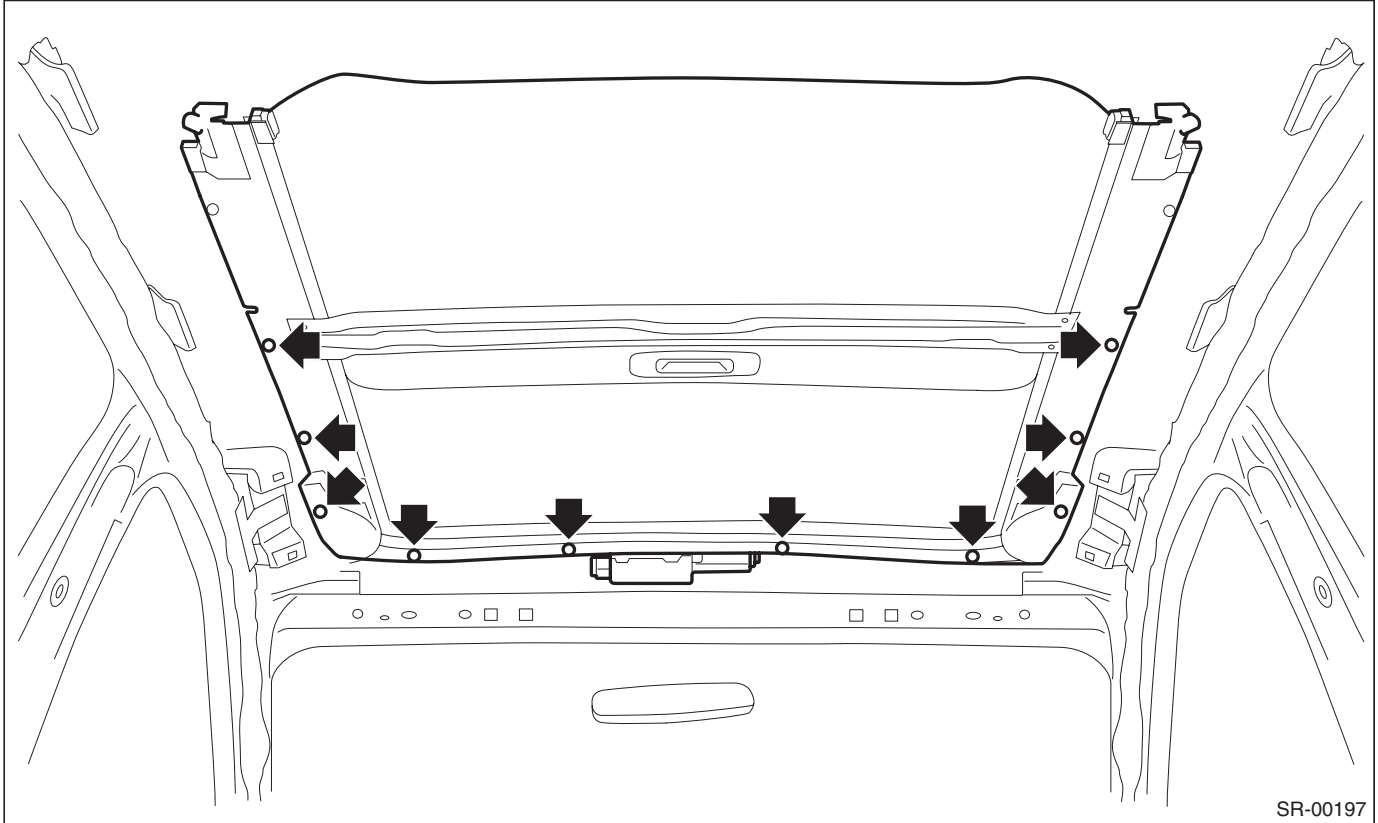
- (2) Remove the bolts and then remove the sunroof bracket.



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SUNROOF/T-TOP/CONVERTIBLE TOP (SUNROOF)

(3) Remove the bolts, then remove the rail assembly.



B: INSTALLATION

CAUTION:

Be careful not to snag the harness.

1) Install the sunroof bracket and the rail assembly - sunroof.

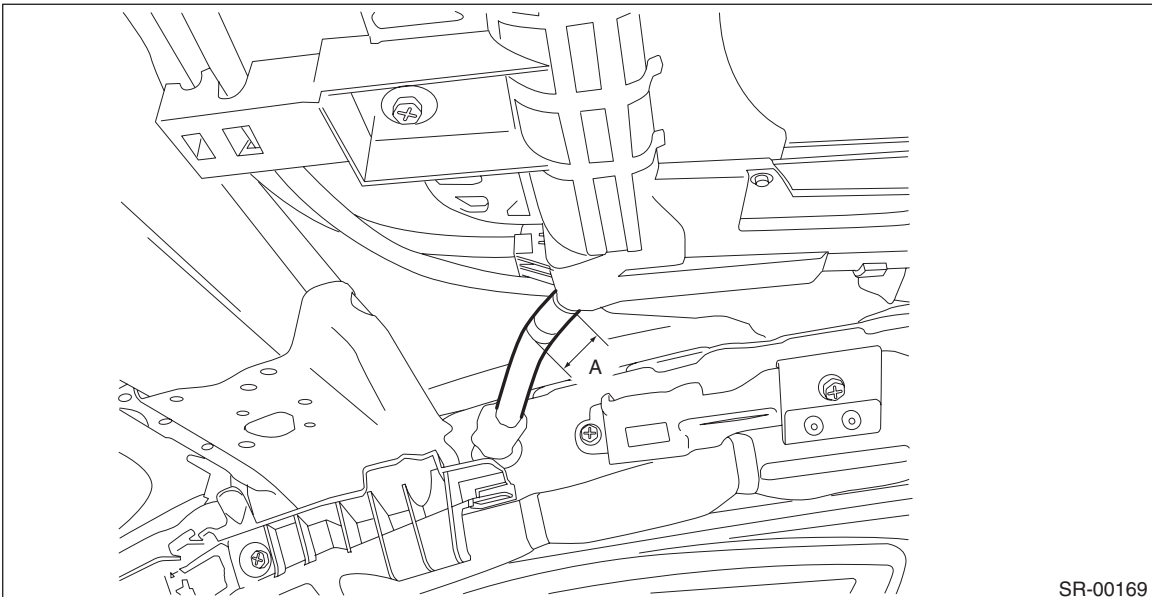
Tightening torque:

6 N·m (0.6 kgf-m, 4.4 ft-lb)

2) Connect the harness connector of the drain tube - sunroof and the motor assembly.

CAUTION:

Insert the four drain tubes 15 mm (0.59 in) or more into the drain pipes (A).



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3) Install the bracket - assist rail.

Tightening torque:

7.5 N·m (0.8 kgf-m, 5.5 ft-lb)

4) Install the trim panel - roof assembly. <Ref. to EI-102, INSTALLATION, Roof Trim.>

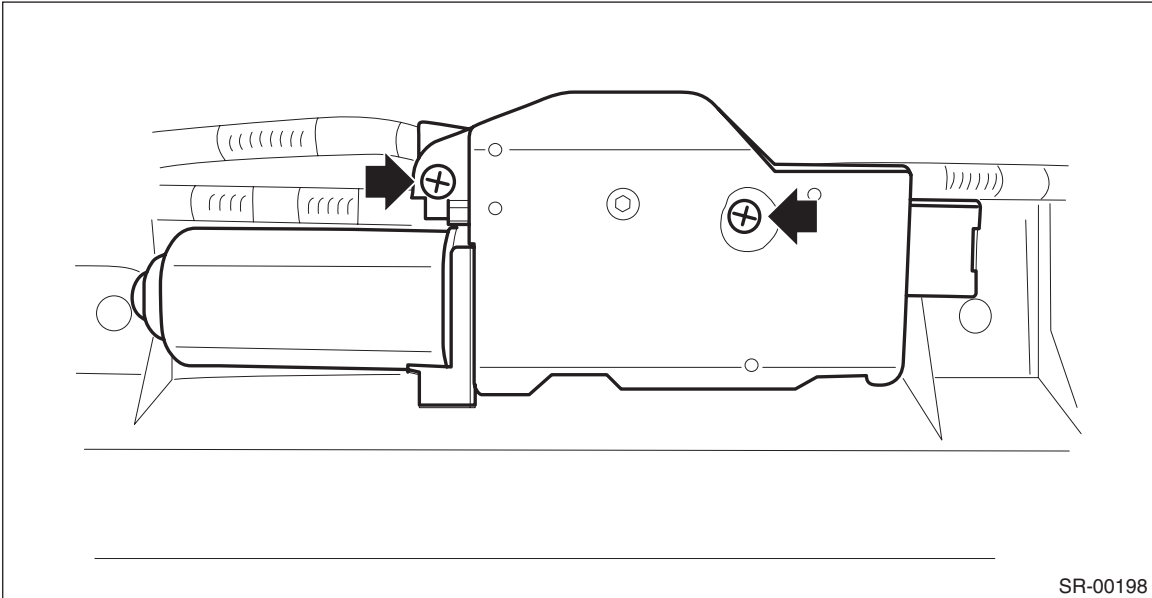
5) Using a new TORX® bolt, install the lid assembly - sunroof.

Tightening torque:

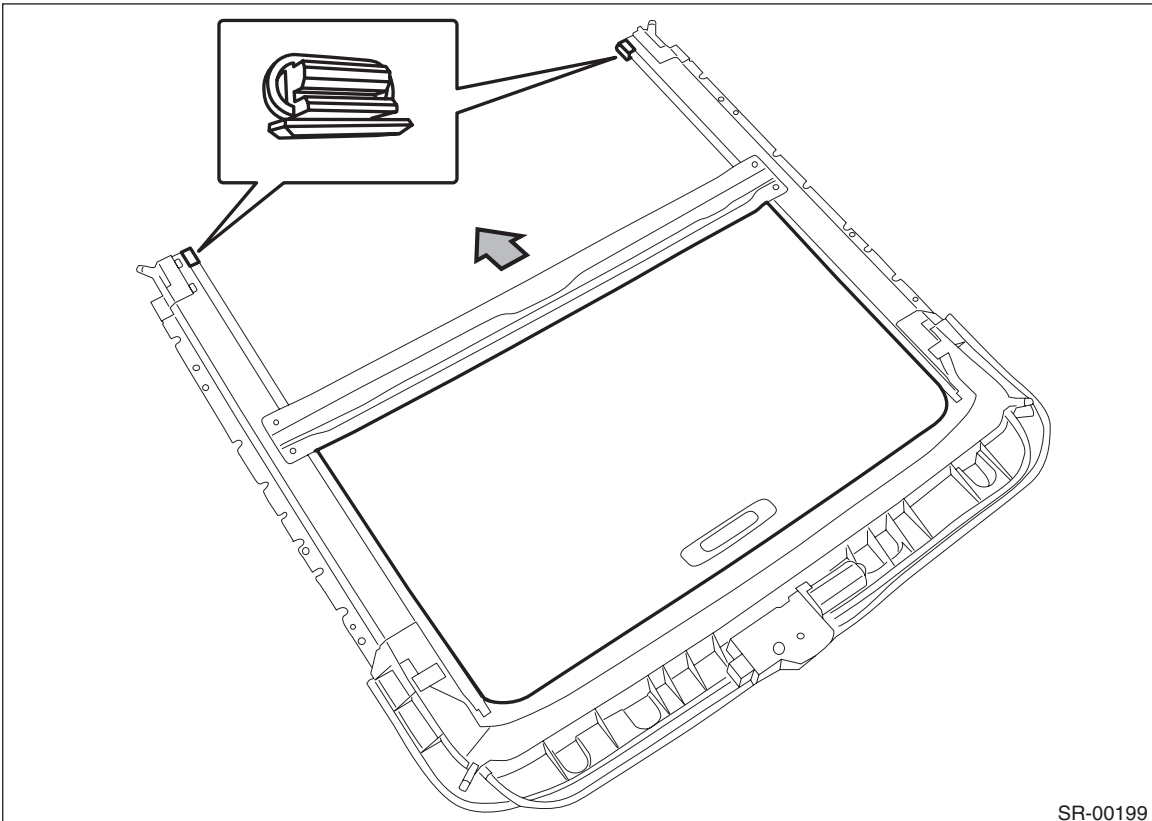
4.5 N·m (0.5 kgf-m, 3.3 ft-lb)

C: DISASSEMBLY

1) Remove the screw and remove the sunroof motor.



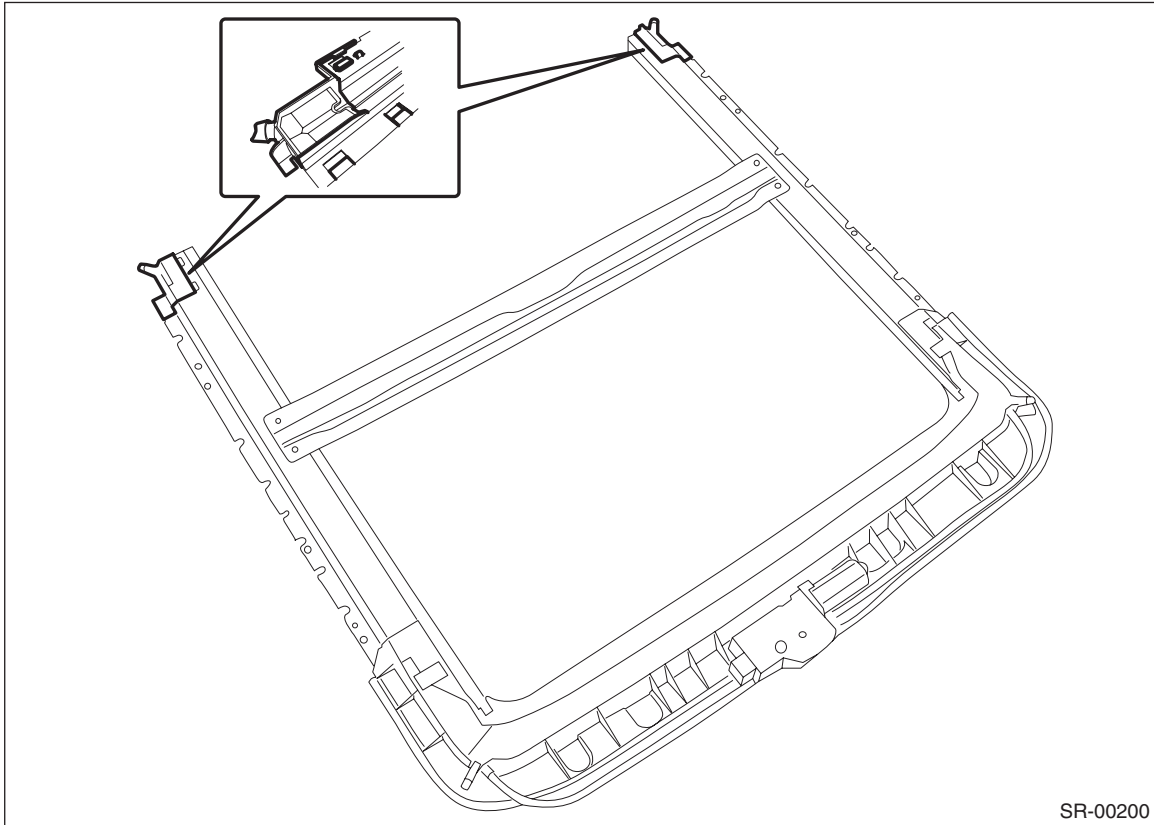
2) Remove the stopper rubber and pull out the sunshade assembly from the rail assembly - sunroof.



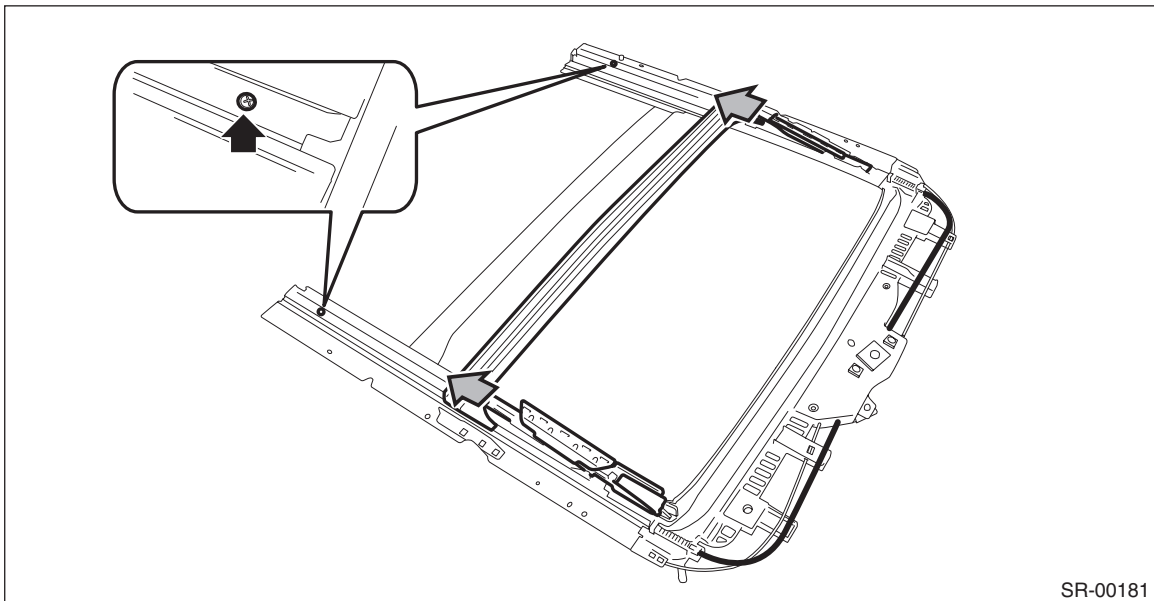
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3) Disconnect the claws and then remove the drain holder.



4) Remove the screw and pull out the cable assembly from the rail assembly - sunroof.



D: ASSEMBLY

- 1) Insert the cable assembly into the rail assembly - sunroof.
- 2) Install the drain holder.
- 3) Insert the sunshade assembly into the rail assembly - sunroof, and install the stopper rubber.
- 4) Install the sunroof motor.