

# Sunroof Motor

SUNROOF/T-TOP/CONVERTIBLE TOP (SUNROOF)

## 6. Sunroof Motor

### A: REMOVAL

- 1) Completely close the lid assembly - sunroof.
- 2) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

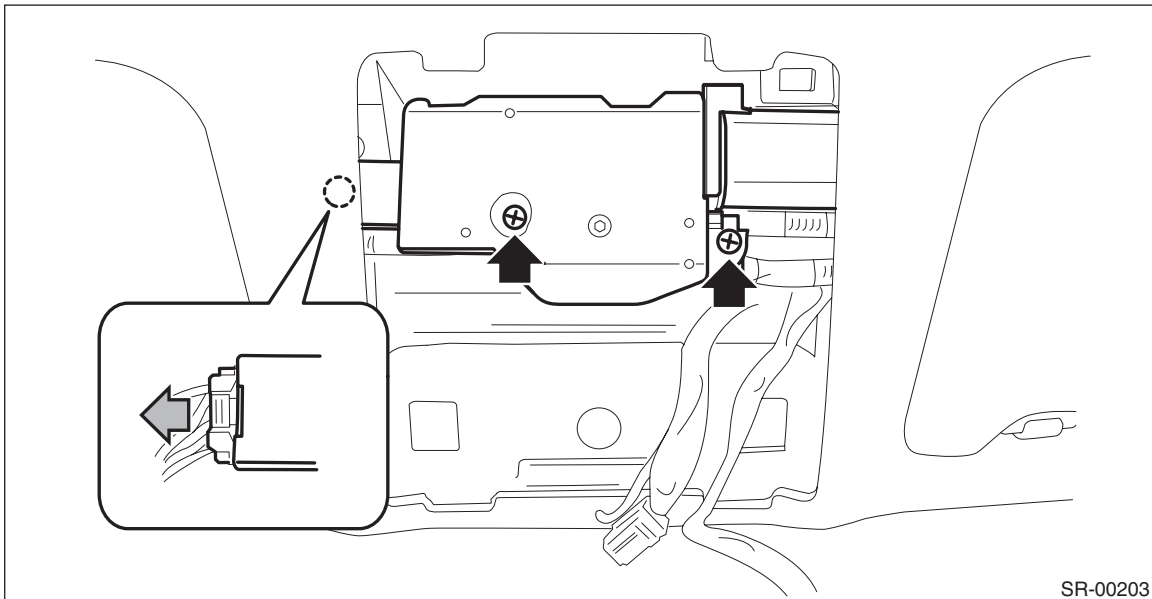
#### NOTE:

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

- 3) Remove the light assembly - map. <Ref. to LI-60, REMOVAL, Spot Map Light.>
- 4) Remove the motor assembly - sunroof.
  - (1) Disconnect the harness connector.
  - (2) Remove the screws and remove the motor assembly - sunroof.

#### CAUTION:

**When removing the motor assembly - sunroof, secure the cable assembly so that it does not move.**



### B: INSTALLATION

#### CAUTION:

**When installing the motor assembly - sunroof, be careful not to move the cable assembly.**

- 1) Install the motor assembly - sunroof.
- 2) Install the light assembly - map.
- 3) 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.

- 4) Perform the initialize operation. <Ref. to SR-6, INITIALIZE OPERATION, OPERATION, Sunroof Control System.>
- 5) Check the operation of sunroof by following the table below.

Operation	Switch position
(1) Lid assembly - sunroof closes completely.	Close
(2) Lid assembly - sunroof is tilted up to the top position.	Tilt up
(3) Lid assembly - sunroof closes completely.	Tilt down
(4) Lid assembly - sunroof opens 295 mm (11.61 in) away from completely closed position.	Open
(5) Lid assembly - sunroof opens completely.	Open
(6) Lid assembly - sunroof closes completely.	Close

## C: INSPECTION

Check the auto-reverse mechanism.

### CAUTION:

**Do not place objects in the way to check the auto-reverse mechanism.**

- 1) Open the lid assembly - sunroof.
- 2) Push the lid assembly - sunroof in the opening direction with a force of  $110\pm 10$  N (11.2 kgf, 24.7 lbf $\pm$ 1.0 kgf, 2.2 lbf) during the auto-closing operation, and check whether the window auto-reverse mechanism functions.

### NOTE:

If the auto function is cancelled, perform the initialize operation. <Ref. to SR-6, INITIALIZE OPERATION, OPERATION, Sunroof Control System.>