6. Sunroof Motor

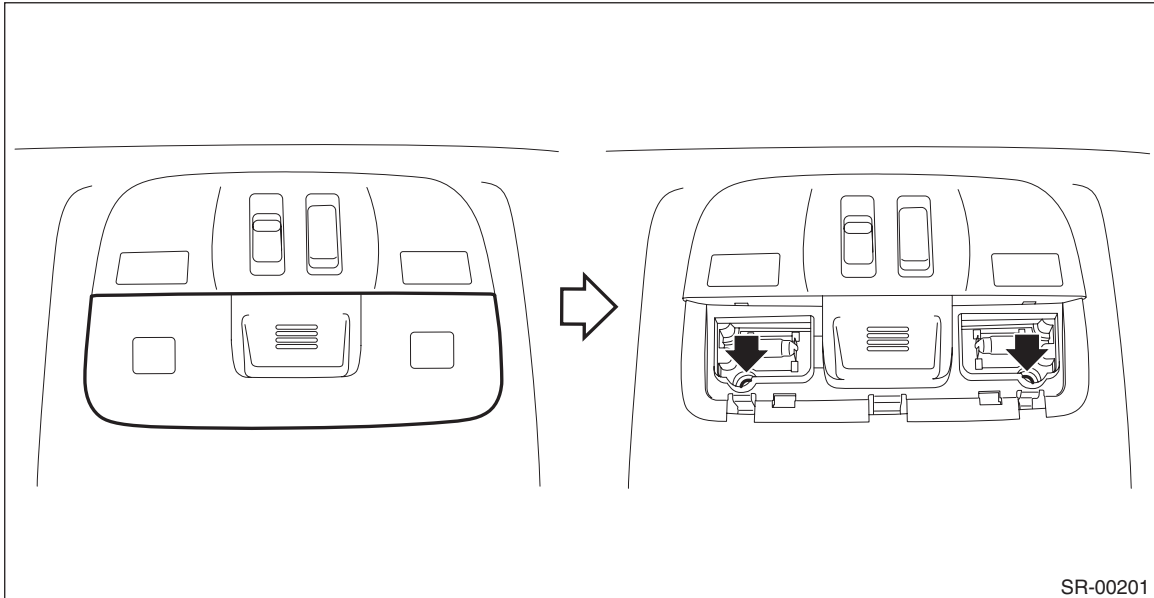## A: REMOVAL

1) Completely close the lid assembly - sunroof.

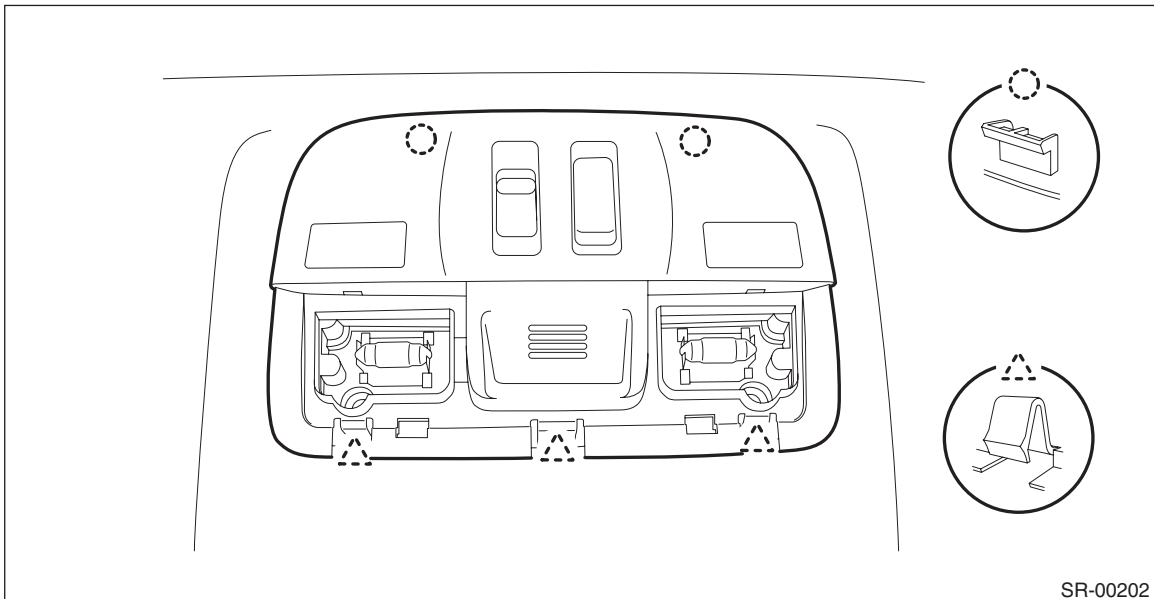2) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:
For the 12 volt engine restart battery of HEV model, disconnect the ground terminal from 12V engine restart battery sensor.

3) Remove the light assembly - map.

(1) Remove the lens and detach the screws.

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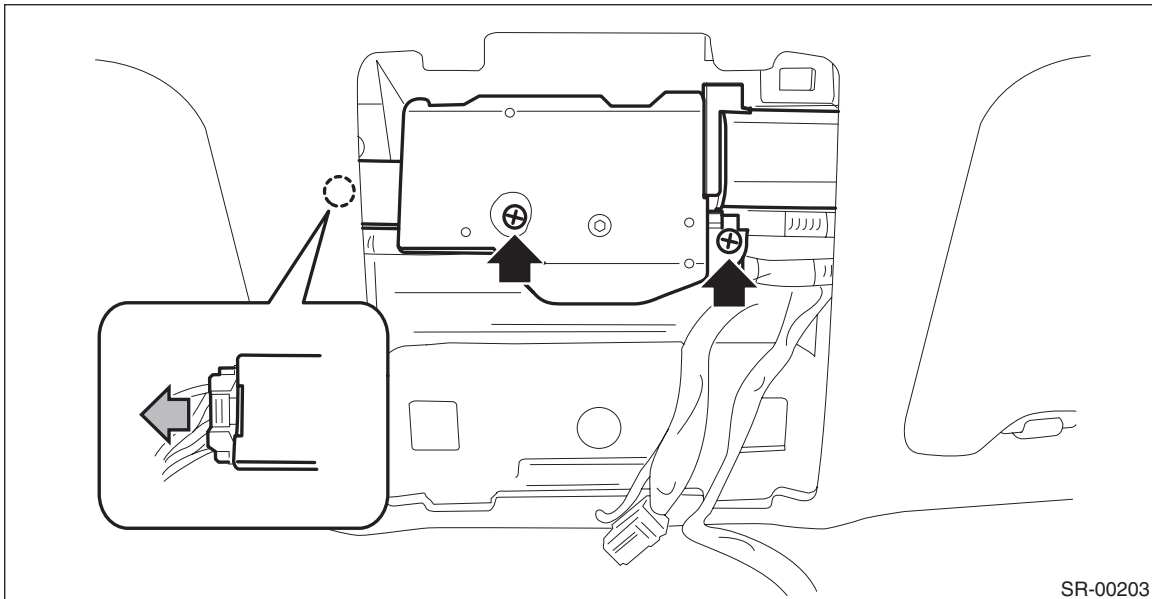(2) Release the clips and pull out the light assembly - map to disconnect the connectors.

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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.

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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, and connect the ground cable to the battery.
3) Perform the initialize operation. <Ref. to SR-6, INITIALIZE OPERATION, OPERATION, Sunroof Control System.>
4) Check the operation of sunroof with following 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±10 N (11.2 kgf, 24.7 lbf±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.>