

Sunload Sensor (Auto A/C Model)

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

23. Sunload Sensor (Auto A/C Model)

A: REMOVAL

NOTE:

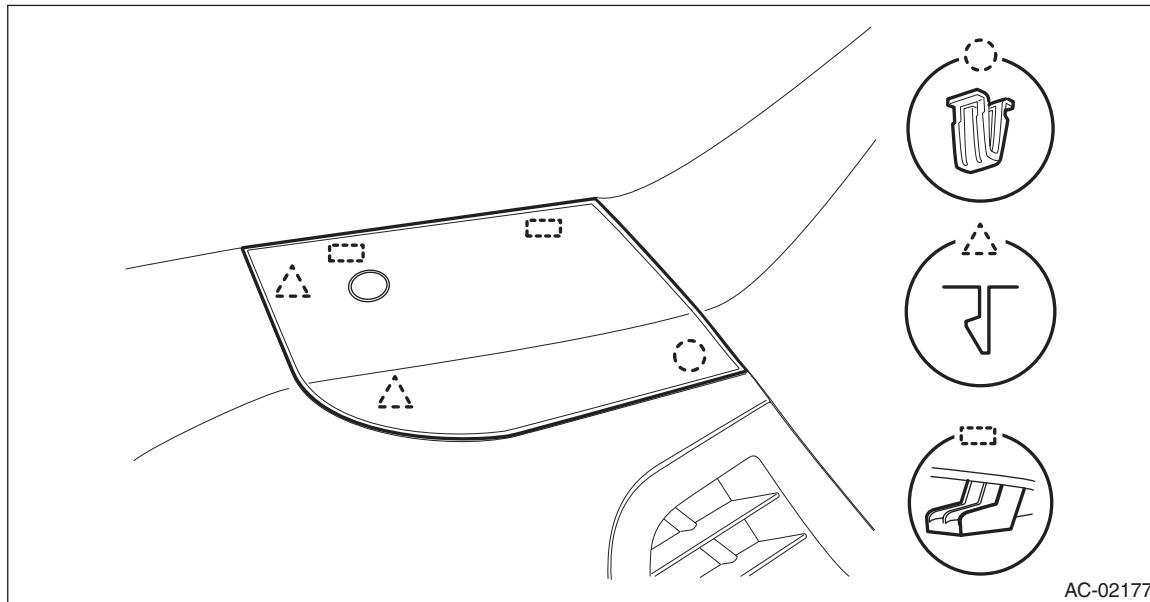
Sunload sensor is integrated with the light control sensor.

- 1) Disconnect the ground cable from battery.
- 2) Remove the sunload sensor.

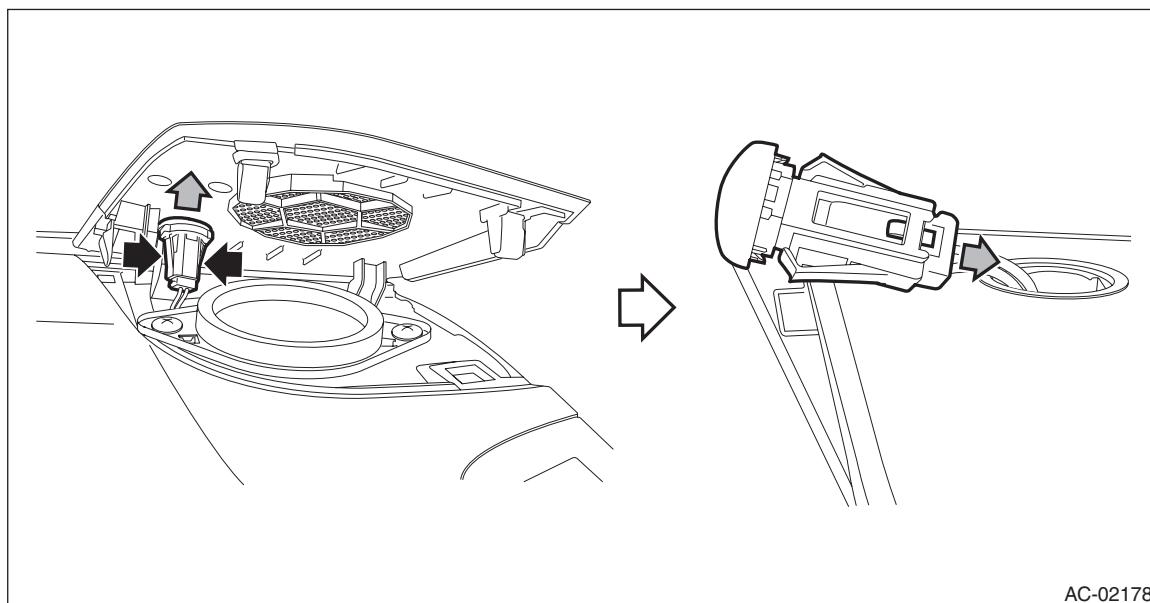
CAUTION:

Be careful not to damage the sensors and interior trims when removing.

- (1) Release the claws and clips, then detach the side speaker cover (RH).



- (2) Push out the sunload sensor by pressing the left and right claws.
- (3) Disconnect the connector and remove the sunload sensor.



B: INSTALLATION

Install each part in the reverse order of removal.

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C: INSPECTION

Step	Check	Yes	No
1 CHECK SUNLOAD SENSOR AREA. Check if there is anything that affects sensing, around the sunload sensor. <ul style="list-style-type: none">• Is there anything placed on the sunload sensor that disturbs sensing?• Is there anything on the windshield glass, such as sticker and film, that disturbs sensing?	Is there anything that affects sensing?	Remove everything that affects sensing.	Go to step 2 .
2 CHECK SUNLOAD SENSOR. 1) Cover the sunload sensor with cloth and the like to avoid direct light. 2) Using the Subaru Select Monitor, select {Quantity of Sunload} from the {Current Data Display}.	Does the quantity of sunload indicate 0?	Go to step 3 .	Replace the sunload sensor.
3 CHECK SUNLOAD SENSOR. Place intense light such as incandescent light at 30 cm or less from the sunload sensor from the condition in step 2). CAUTION: The value changes depending on the angle of light.	Does the quantity of sunload indicate 2000 W/m ² or less?	The sunload sensor is normal.	Replace the sunload sensor.