

# Sunload Sensor (Auto A/C Model)

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

## 23. Sunload Sensor (Auto A/C Model)

### A: REMOVAL

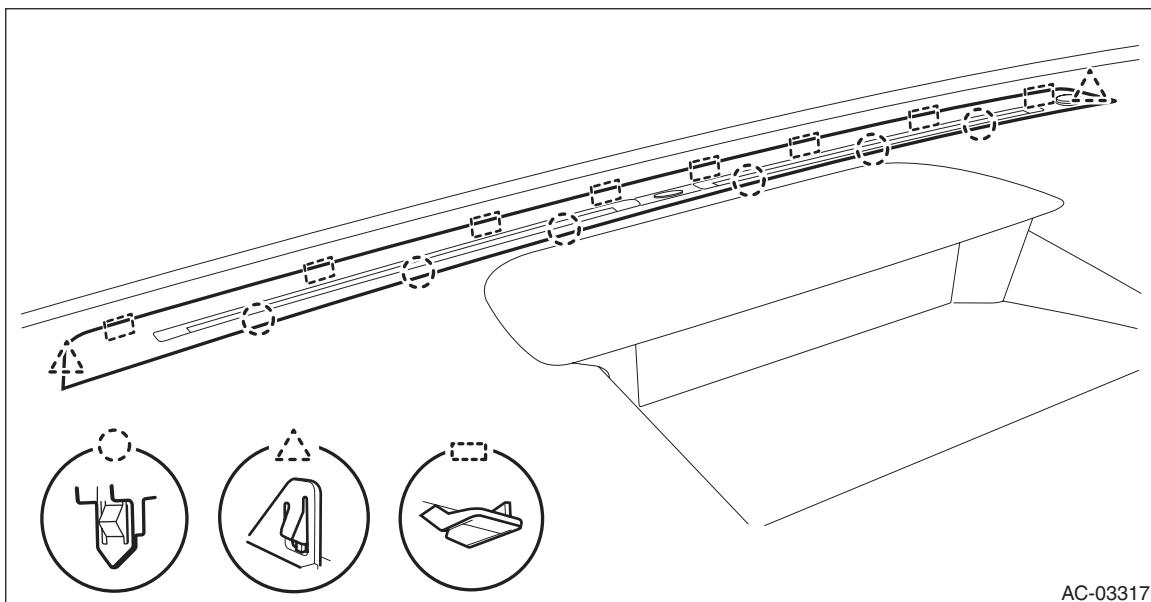
#### CAUTION:

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

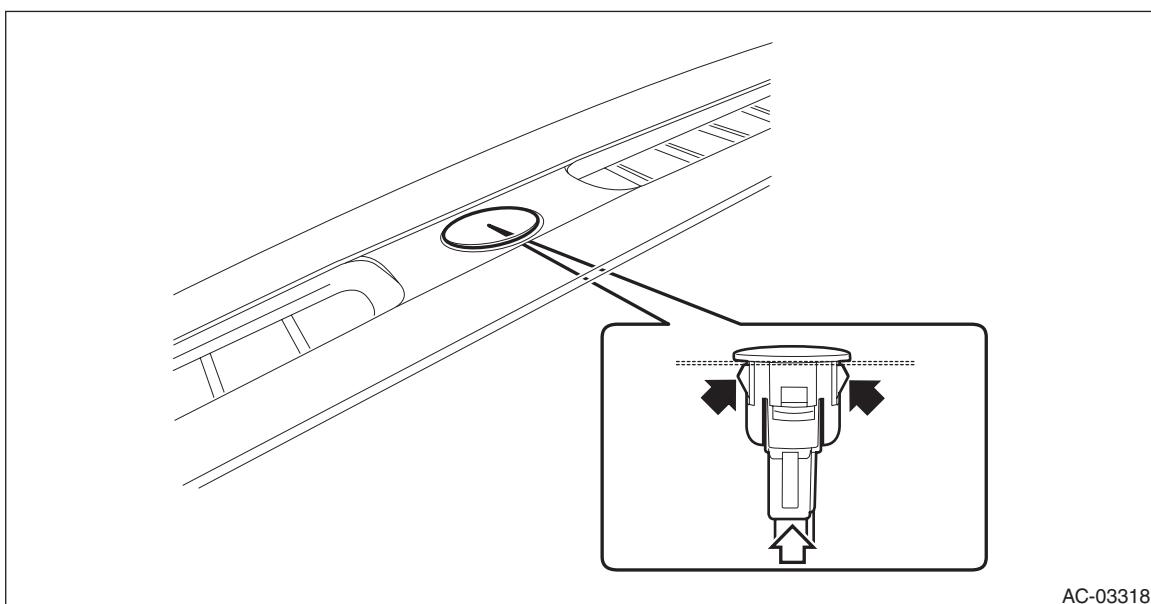
1) Disconnect the ground cable from battery.

2) Remove the sensor - sunload.

(1) Release the connector and claws, and remove the panel COMPL - instrument UPR.



(2) Press the left and right claws to remove the sensor - sunload from the panel COMPL - instrument UPR.



### B: INSTALLATION

Install each part in the reverse order of removal.

### C: INSPECTION

#### On- the vehicle inspection

##### **PREPARATION TOOL:**

##### **SUBARU SELECT MONITOR III KIT**

- 1) Check if there is anything that affects sensing, around the sensor - sunload.
  - (1) Is there anything placed on the sensor - sunload that disturbs sensing?
  - (2) Is there anything on the windshield glass, such as sticker and film, that disturbs sensing?
    - **No** → Go to step 2).
    - **Yes** → Remove everything that affects sensing.
- 2) Using the Subaru Select Monitor, check «Quantity of Sunload».

#### NOTE:

For detailed procedures, refer to “PC application help for Subaru Select Monitor”.

- (1) Cover the sensor - sunload with cloth.
- (2) Does the «Quantity of Sunload» indicate 0 W/m<sup>2</sup> when the direct sunlight is shielded?
  - **Yes** → Go to step 3).
  - **No** → Replace the sensor - sunload.

- 3) From the condition in step 2), expose the sensor - sunload to light.
  - (1) Place intense light such as incandescent light at 30 cm or less from the sunload sensor.
  - (2) Does «Quantity of Sunload» indicate 2000 W/m<sup>2</sup> or less?

#### CAUTION:

**The value changes depending on the angle of light.**

- **Yes** → The sensor - sunload is normal.
- **No** → Replace the sensor - sunload.