

## In-Vehicle Sensor (Auto A/C Model)

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

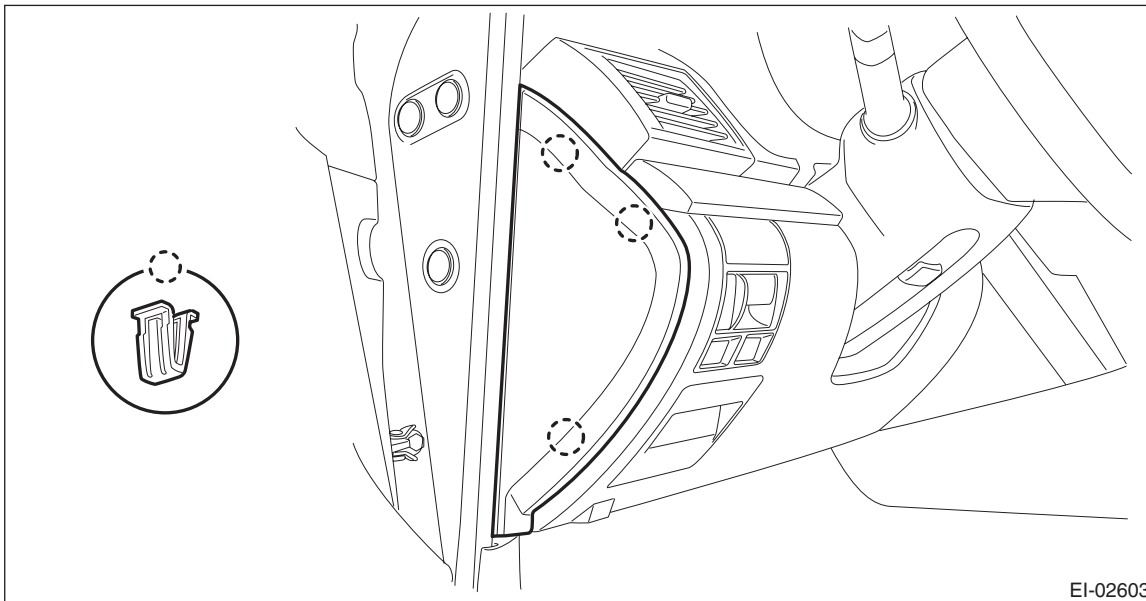
### 24.In-Vehicle Sensor (Auto A/C Model)

#### A: REMOVAL

##### CAUTION:

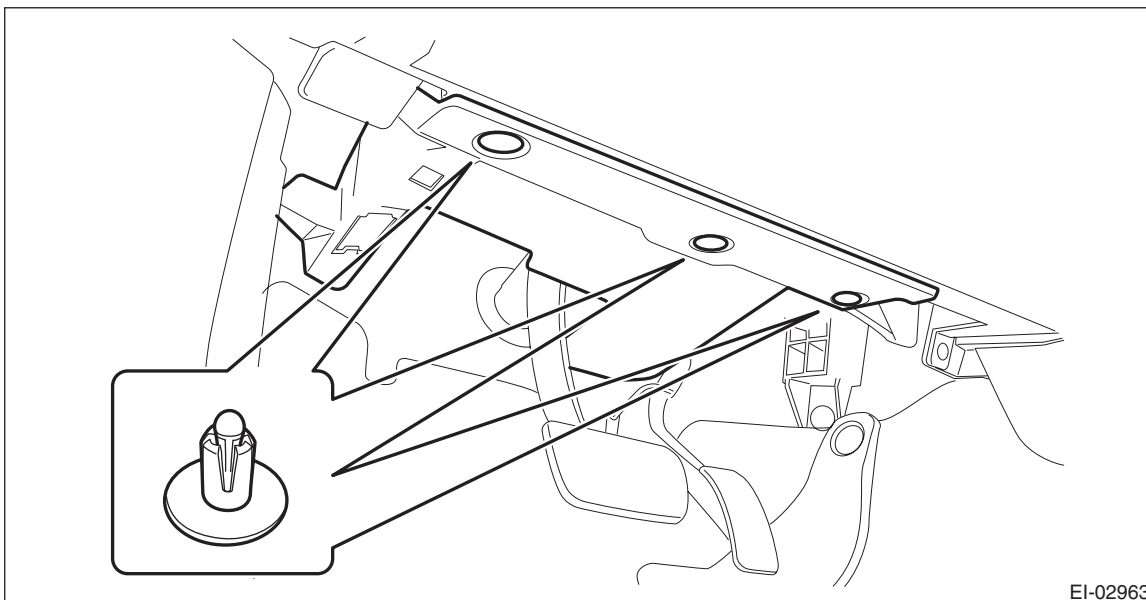
**Be careful not to damage the sensors and interior trims when removing.**

- 1) Disconnect the ground cable from battery.
- 2) Remove the clips, and remove the instrument panel side cover LH.



EI-02603

- 3) Remove the instrument panel lower cover.
  - (1) Remove the clip.
  - (2) Remove the data link connector, and remove the instrument panel lower cover under.

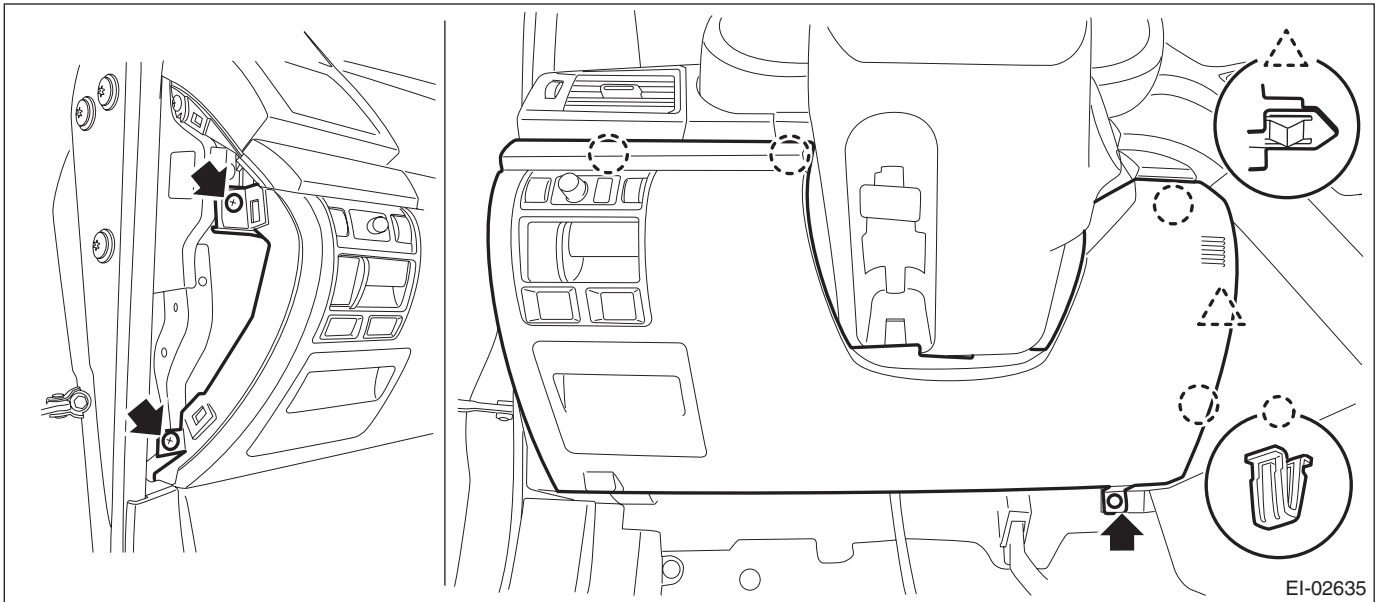


EI-02963

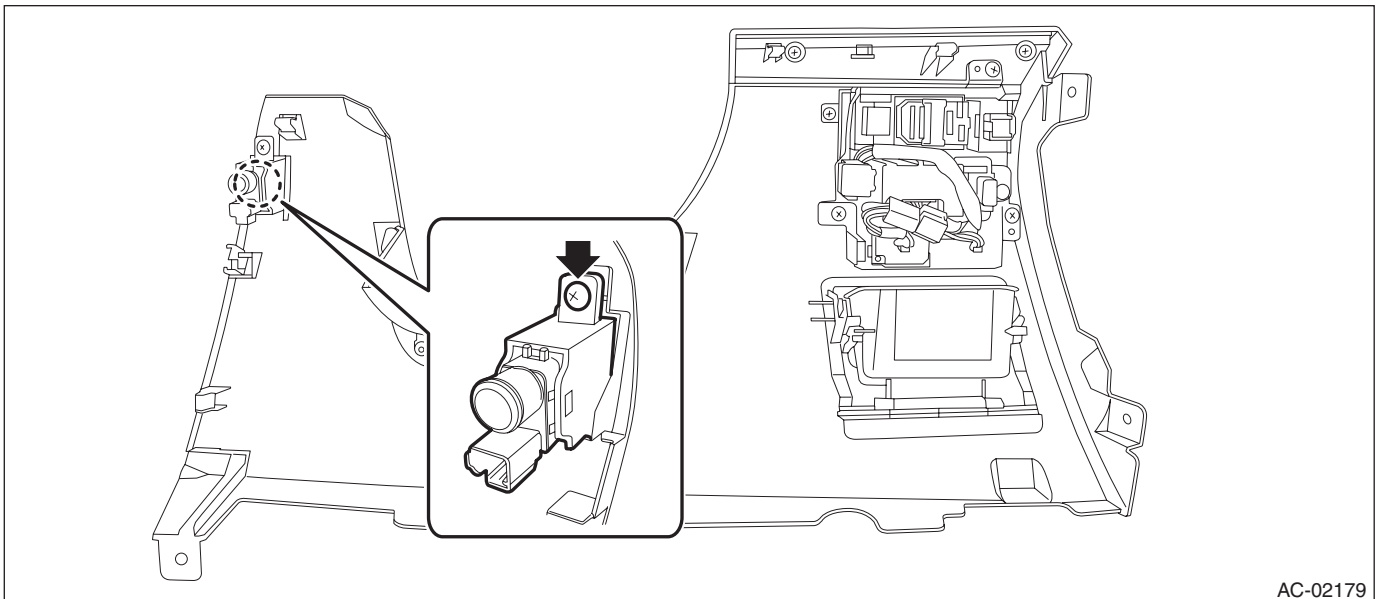
## In-Vehicle Sensor (Auto A/C Model)

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

(3) Remove the screws and clips and release the claws, and remove the instrument panel lower cover while disconnecting the harness connectors.



4) Remove the screw and remove the in-vehicle sensor from the instrument lower cover.



## B: INSTALLATION

Install each part in the reverse order of removal.

## In-Vehicle Sensor (Auto A/C Model)

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

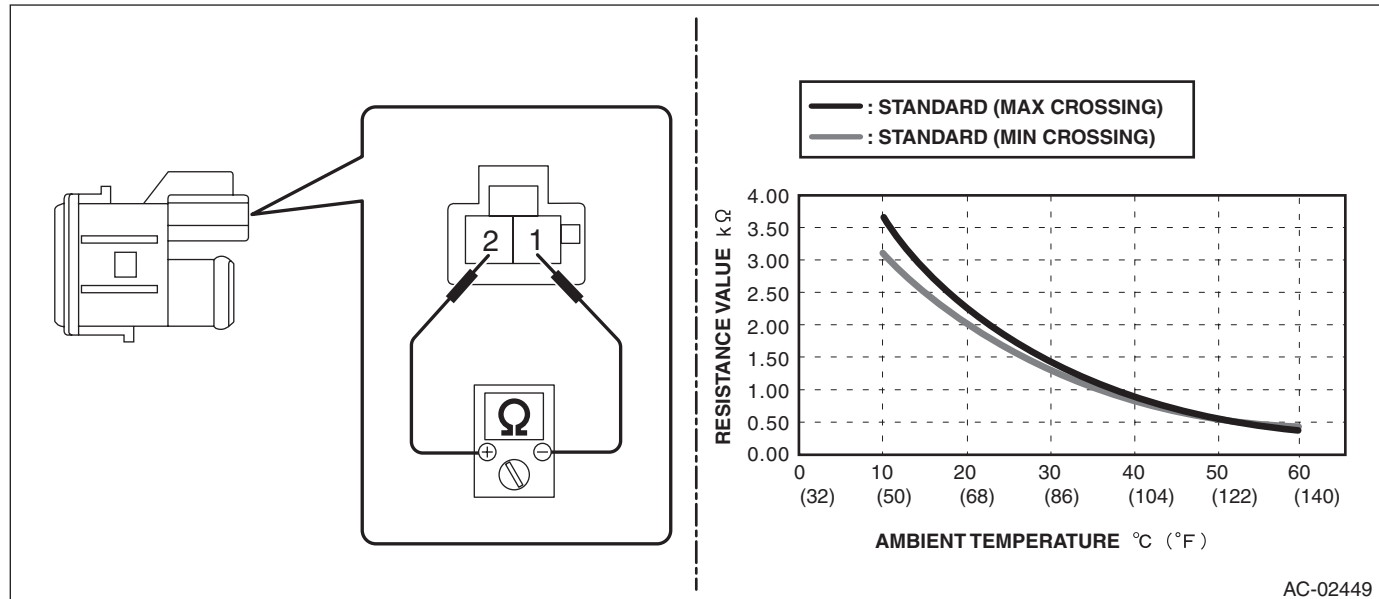
### C: INSPECTION

- 1) Remove the in-vehicle sensor.
- 2) Check the resistance between in-vehicle sensor terminals.

#### CAUTION:

During inspection, be careful not to touch the sensor end in order to avoid misjudgment due to body temperature.

**Preparation tool: Circuit tester**



| Terminal No. | Inspection conditions | Standard       |
|--------------|-----------------------|----------------|
| 1 — 2        | 10°C                  | 3.12 — 3.70 kΩ |
|              | 15°C                  | 2.49 — 2.88 kΩ |
|              | 20°C                  | 2.00 — 2.26 kΩ |
|              | 25°C                  | 1.62 — 1.79 kΩ |
|              | 30°C                  | 1.32 — 1.42 kΩ |
|              | 35°C                  | 1.08 — 1.14 kΩ |
|              | 40°C                  | 0.89 — 0.92 kΩ |
|              | 45°C                  | 0.74 — 0.75 kΩ |
|              | 50°C                  | 0.62 — 0.62 kΩ |
|              | 55°C                  | 0.52 — 0.51 kΩ |
|              | 60°C                  | 0.44 — 0.42 kΩ |

- 3) Replace the in-vehicle sensor if the inspection result is not within the standard value.