

Ambient Sensor

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

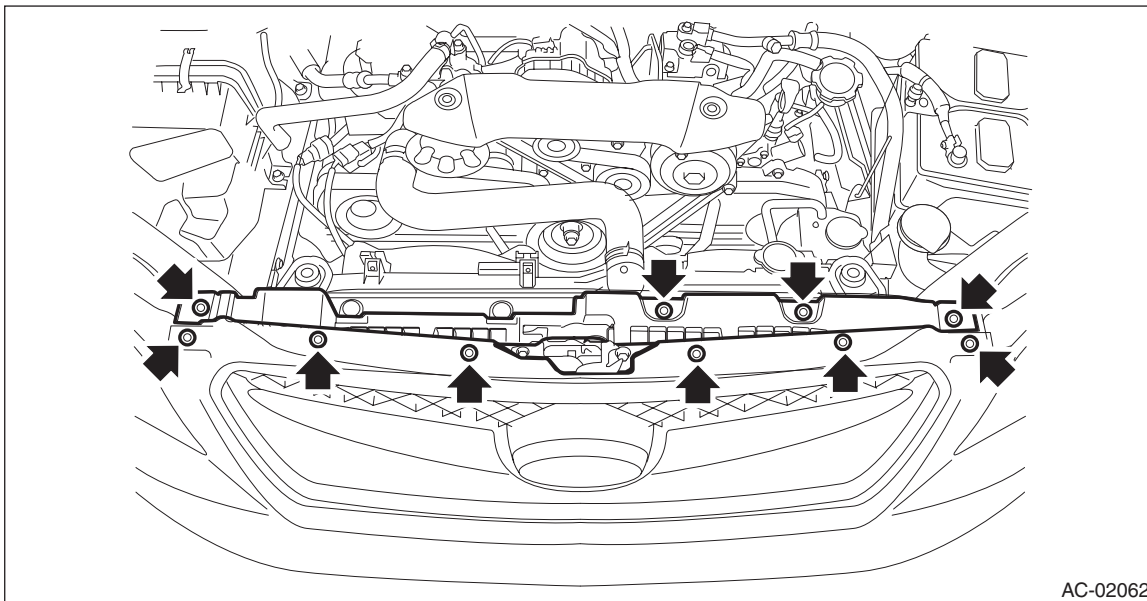
23. Ambient Sensor

A: REMOVAL

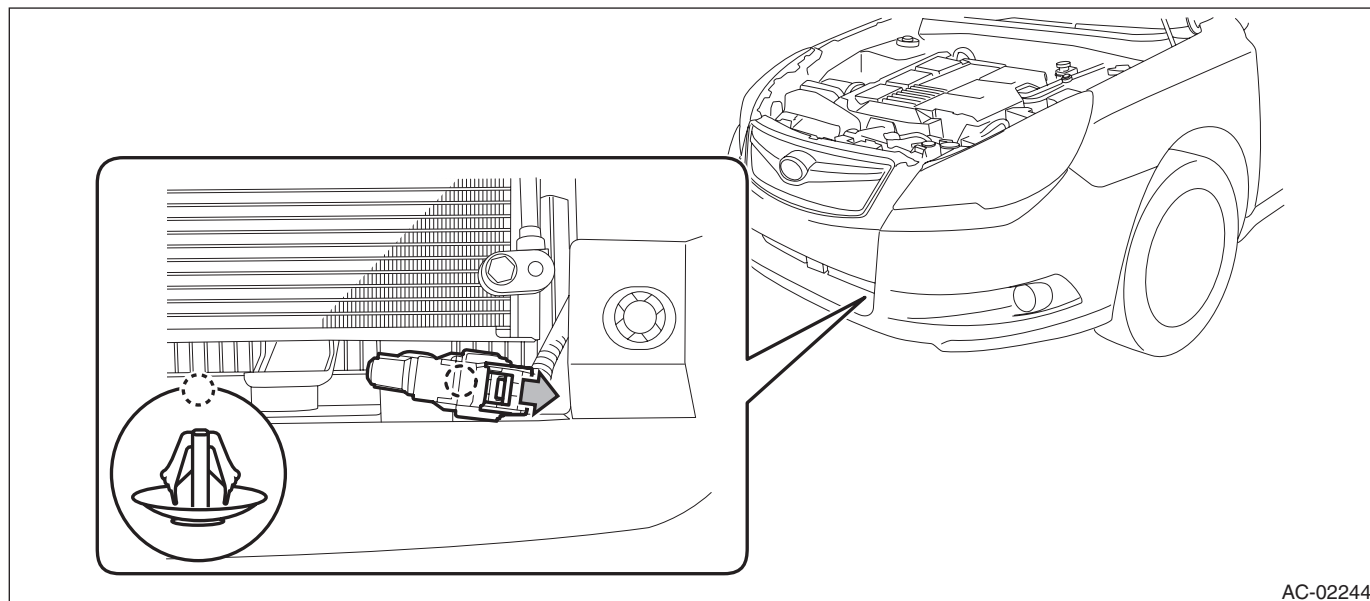
- 1) Disconnect the ground cable from battery.
- 2) Remove the clips and remove the grille bracket. (Sedan model)

NOTE:

To prevent damage to the grille bracket, make sure to remove all clips.



- 3) Remove the ambient sensor.
 - (1) Disconnect the connector.
 - (2) Remove the ambient sensor from the radiator lower panel.



B: INSTALLATION

Install each part in the reverse order of removal.

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C: INSPECTION

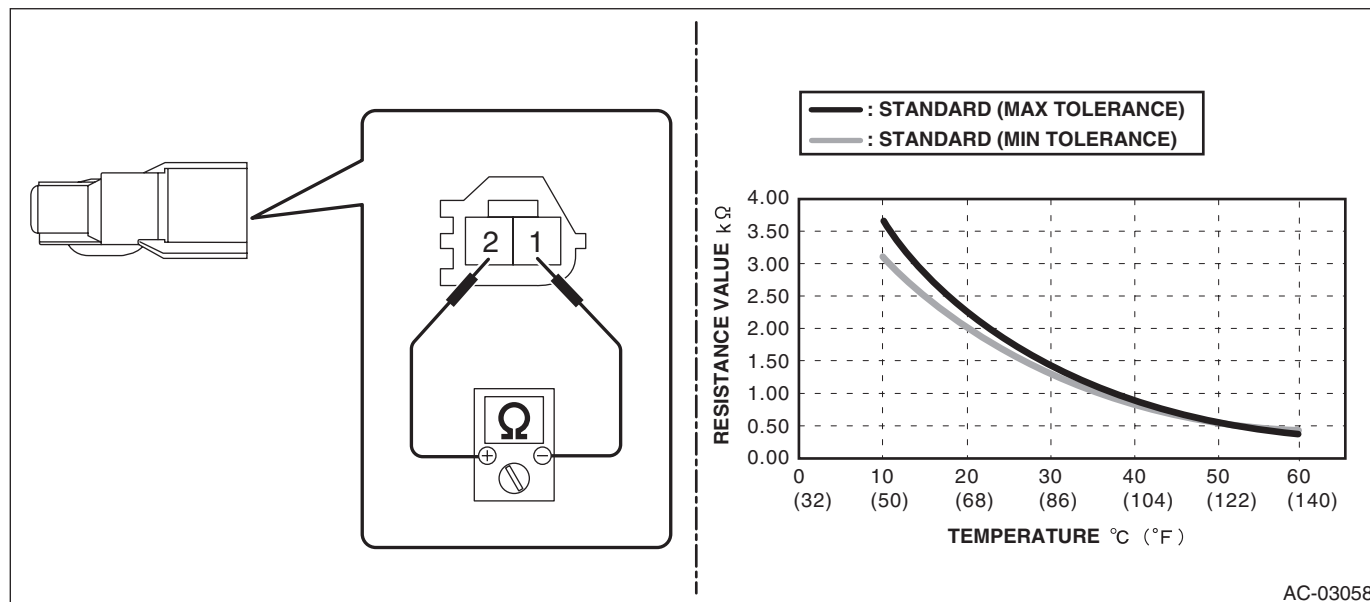
Preparation tool:

Circuit tester

- 1) Visually check the ambient sensor for dirt or damage, and clean or replace as necessary.
- 2) Check the resistance between ambient sensor terminals.

CAUTION:

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



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 ambient sensor if the inspection result is not within the standard value.