

22.Ambient Sensor

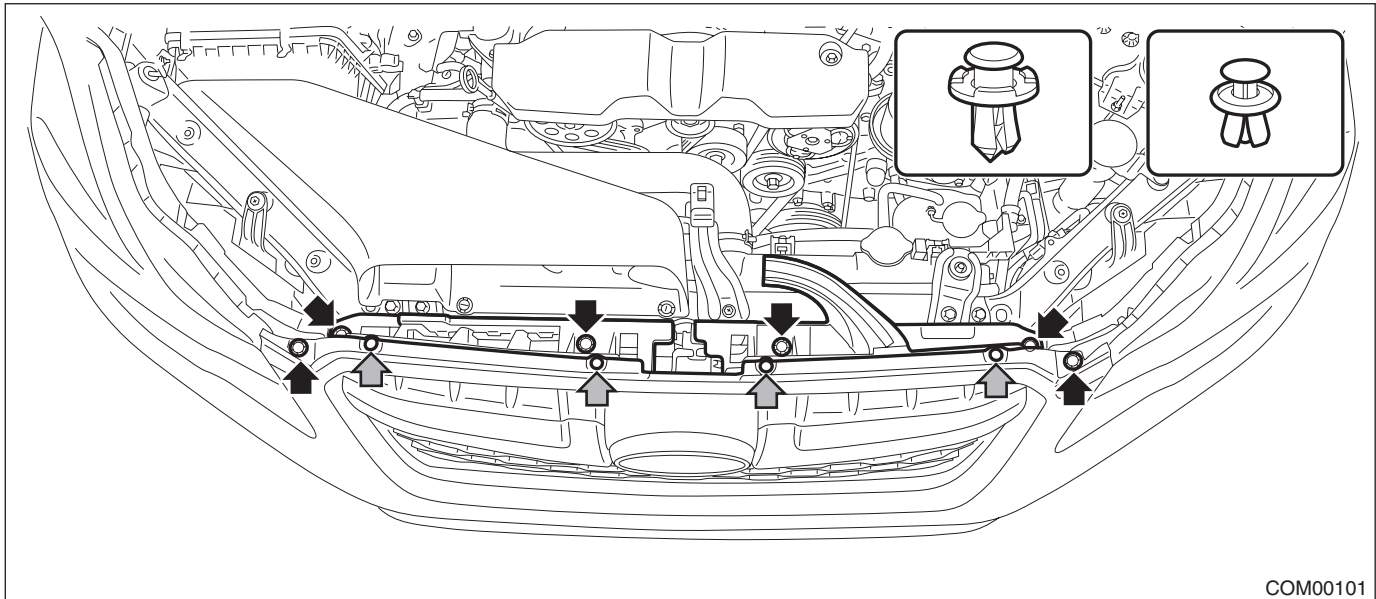
A: REMOVAL

1. EXCEPT FOR XV MODEL

- 1) Disconnect the ground cable from battery.
- 2) Remove the clip, and remove the bracket - grille.

NOTE:

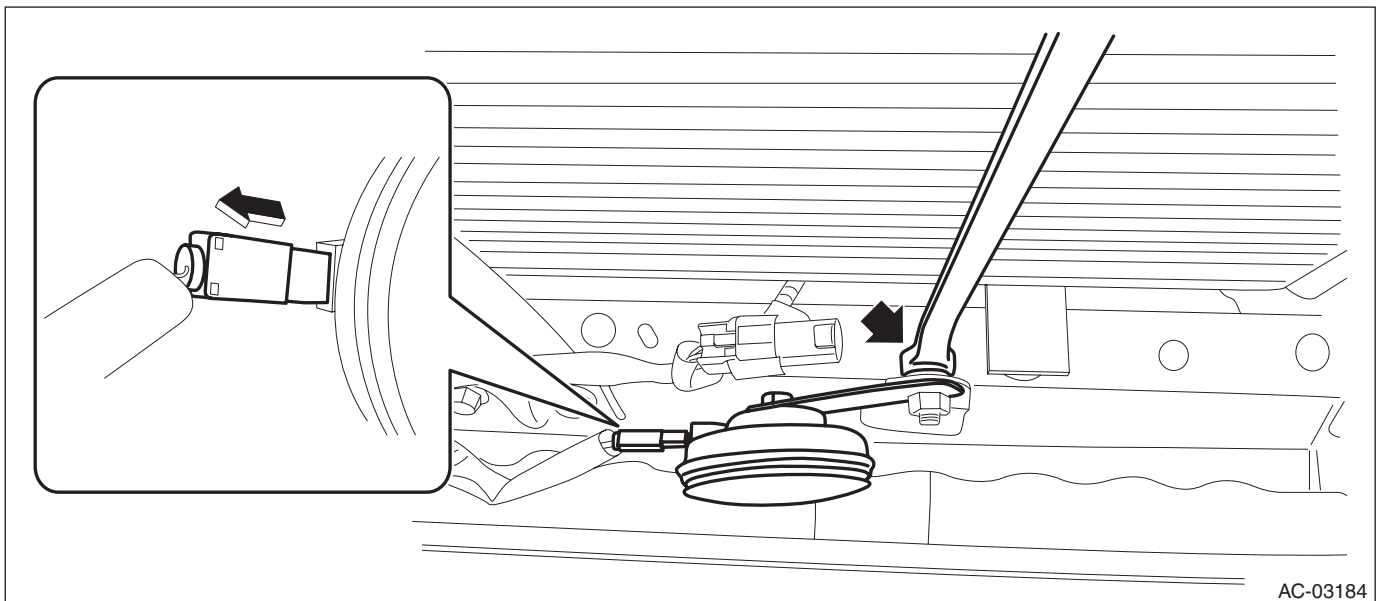
To prevent damage to the bracket - grille, make sure to remove all clips.



COM00101

3) Remove the horn assembly - Lo.

- (1) Disconnect the connector.
- (2) Remove the horn bracket mounting bolt, and remove the horn assembly - Lo.

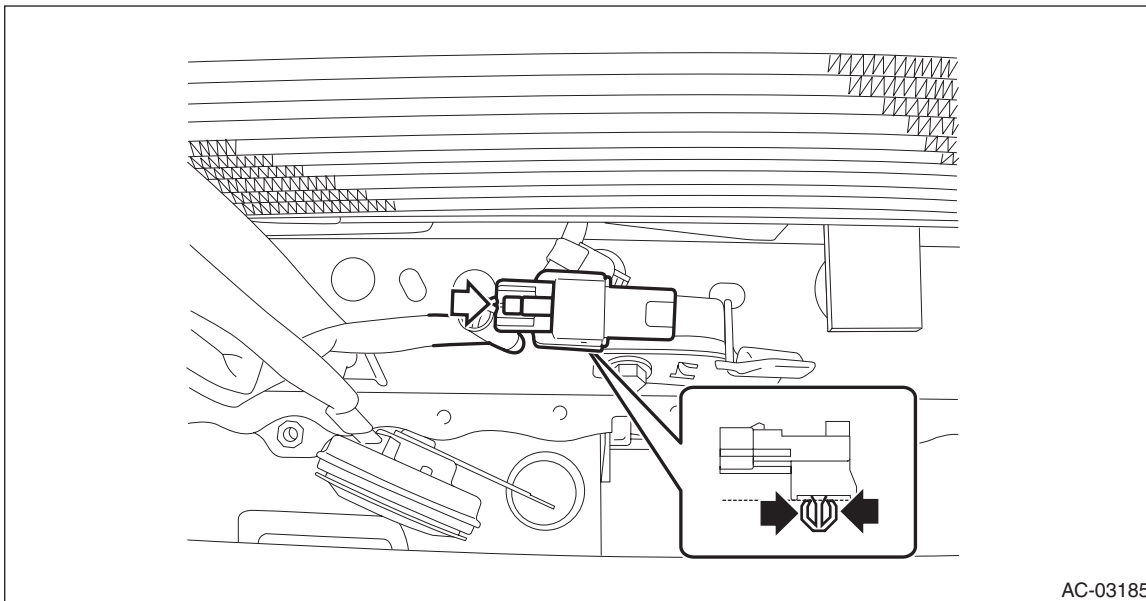


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Ambient Sensor

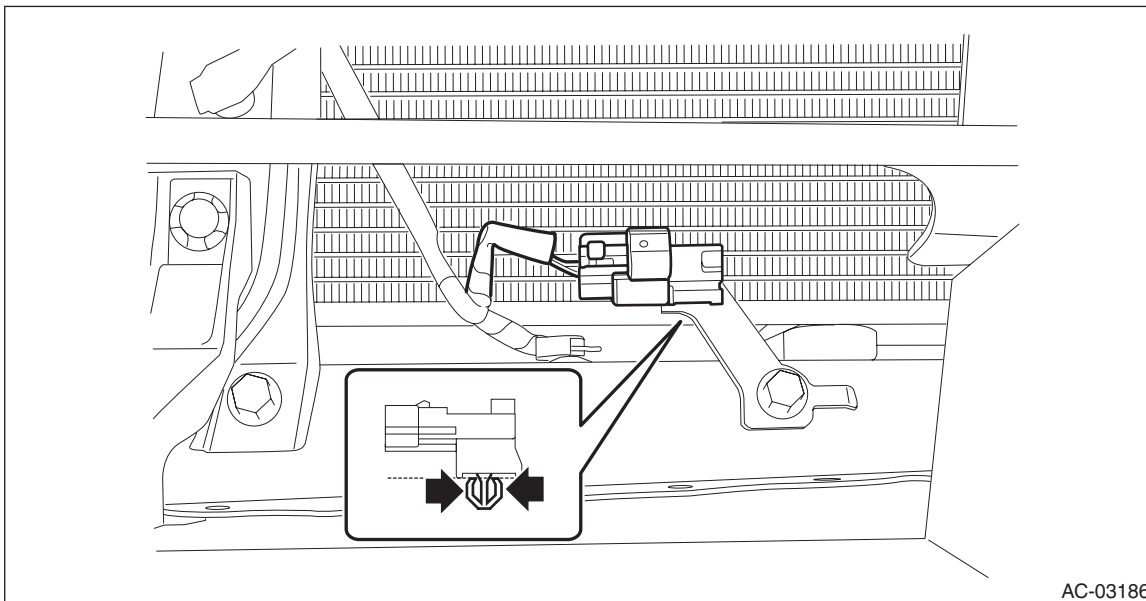
HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

- 4) Remove the ambient sensor.
 - (1) Disconnect the connector.
 - (2) Release the claws, and then remove the ambient sensor from the bracket.



2. XV MODEL

- 1) Disconnect the ground cable from battery.
- 2) Remove the ambient sensor.
 - (1) Disconnect the connector.
 - (2) Release the claws, and then remove the ambient sensor from the bracket.



B: INSTALLATION

Install each part in the reverse order of removal.

Tightening torque:

Horn assembly - Lo (except for XV model): 18 N·m (1.84 kgf-m, 13.3 ft-lb)

Ambient Sensor

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

C: INSPECTION

UNIT INSPECTION

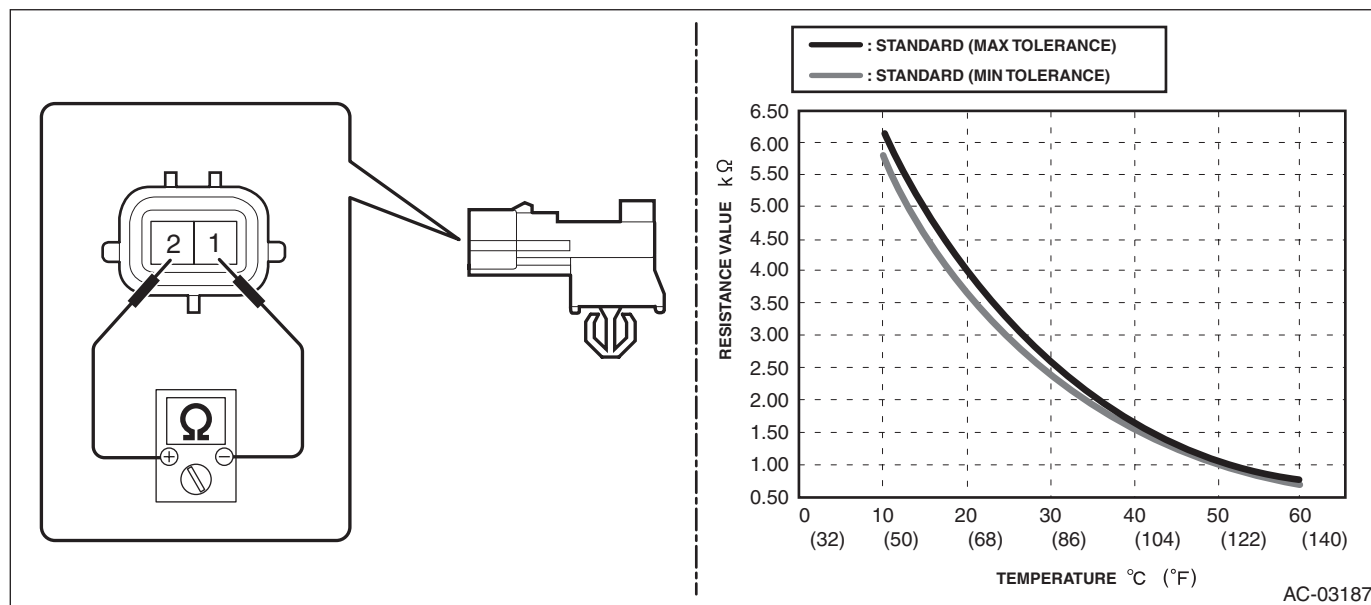
Preparation tool:

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	5.82 — 6.18 kΩ
	15°C	4.58 — 4.87 kΩ
	20°C	3.64 — 3.86 kΩ
	25°C	2.91 — 3.09 kΩ
	30°C	2.35 — 2.49 kΩ
	35°C	1.9 — 2.02 kΩ
	40°C	1.56 — 1.65 kΩ
	45°C	1.28 — 1.36 kΩ
	50°C	1.06 — 1.12 kΩ
	55°C	0.88 — 0.93 kΩ
	60°C	0.74 — 0.78 kΩ

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