

In-Vehicle Sensor (Auto A/C Model)

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

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

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Remove the instrument panel lower panel on driver's side. <Ref. to EI-37, REMOVAL, Instrument Panel Lower Cover.>
- 3) Disconnect the connector and aspirator hose, remove the catch hook and remove the interior temperature sensor from the knee guard plate.

CAUTION:

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

B: INSTALLATION

Install in the reverse order of removal.

C: INSPECTION

UNIT INSPECTION

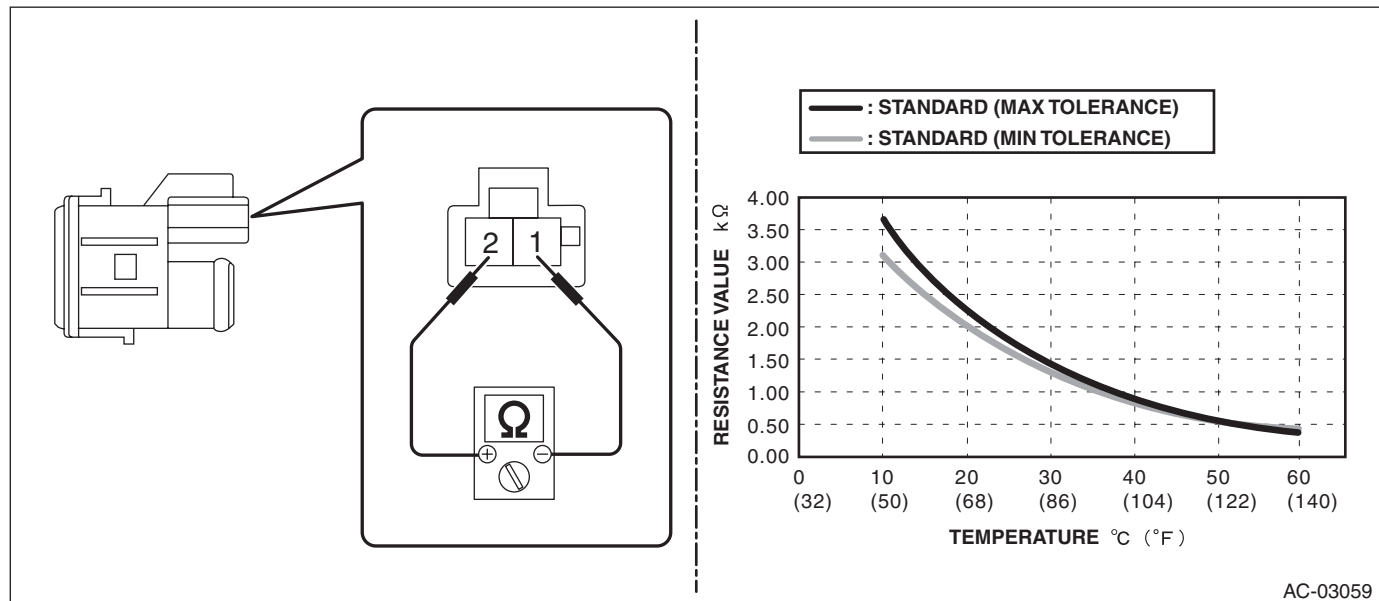
Preparation tool:

Circuit tester

- 1) 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.



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

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