

INTAKE AIR TEMPERATURE (IAT) SENSOR INSPECTION [LF]

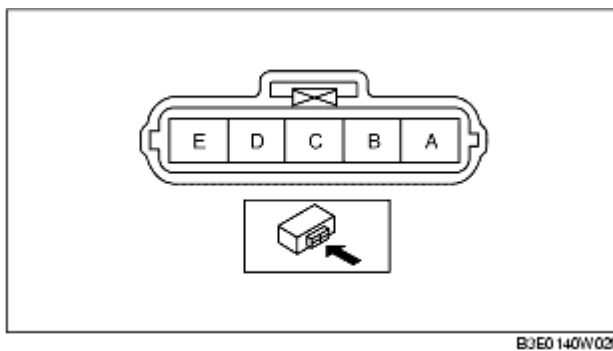
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Note

- Before performing the following inspection, make sure to follow the procedure as indicated in the troubleshooting flowchart.

Resistance Inspection

1. Disconnect the mass air flow sensor connector.
2. Verify that the resistance between MAF sensor terminals D and E is within the specification.

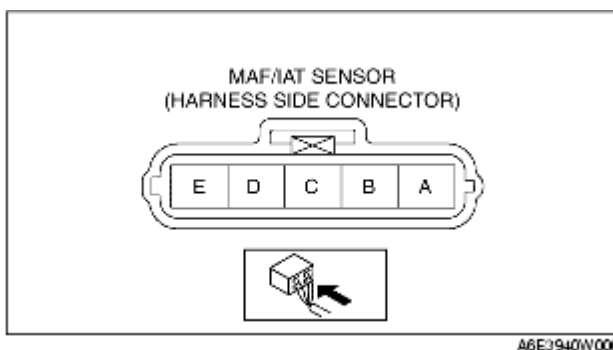


- If the monitor item status/specification (reference) is not within the specification, even though the IAT sensor resistance is within the specification, perform the "Circuit Open/Short Inspection".
- If not within the specification, replace the MAF sensor.

Standard

Ambient temperature (°C {°F})	Resistance (kilohm)
-20 {-4.0}	13.6-18.4
20 {68}	2.21-2.69
60 {140}	0.493-0.667

Circuit Open/Short Inspection



1. Disconnect the PCM connector. (See [PCM REMOVAL/INSTALLATION \[LF\]](#).)
2. Inspect the following wiring harnesses for open or short. (Continuity check)

Open circuit

- If there is no continuity, the circuit is open. Repair or replace the harness.
 - MAF/IAT sensor terminal D and PCM terminal 1AH
 - MAF/IAT sensor terminal E and PCM terminal 1AA

Short circuit

- If there is continuity, the circuit is shorted. Repair or replace the harness.
 - MAF/IAT sensor terminal E and power supply
 - MAF/IAT sensor terminal D and power supply
 - MAF/IAT sensor terminal D and body GND