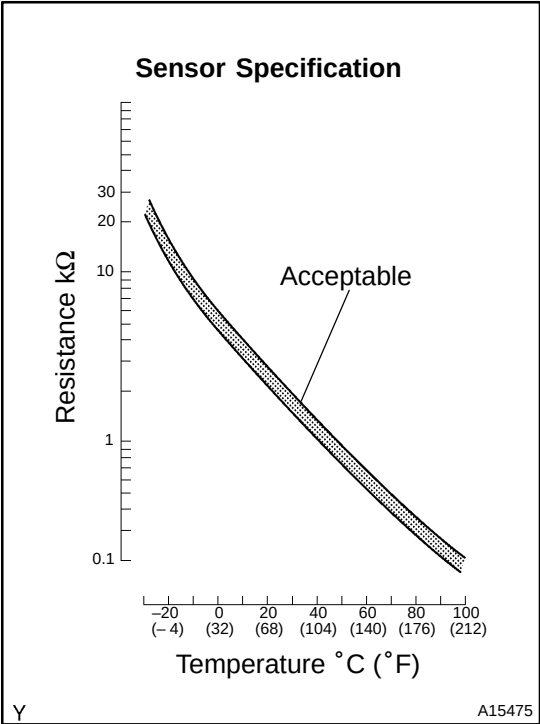


IAT Sensor

Ce02Q-01

IAT Sensor Monitor Description

MONITOR SUMMARY



The intake air temperature (IAT) sensor mounted on the mass airflow (MAF) sensor*, monitors temperature of the intake air. The IAT sensor has a thermistor that varies its resistance depending on the temperature of the intake air. When the air temperature is low, the resistance in the thermistor increases. When the temperature is high, the resistance drops. The variations in resistance are reflected in the voltage output from the sensor. The ECM monitors the sensor voltage and uses this value to calculate the intake air temperature. When the sensor output voltage deviates from the normal operating range, the ECM interprets this as a malfunction in the IAT sensor and sets a DTC.

* When the engine uses a manifold air pressure (MAP) sensor instead of a MAF sensor, the IAT sensor is mounted on the air cleaner box.

RELATED DTC

Previous code:

Related DTCs	P0110	IAT sensor circuit is open/shorted
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Extended code:

Related DTCs	P0110	IAT sensor circuit is open/shorted
	P0112	IAT sensor circuit is shorted
	P0113	IAT sensor circuit is open

MODEL YEAR CHART

Model Year	See Page
1996 to 2004	Ce-17