

Throttle Position Sensor Range/Performance Monitor Description

MONITOR SUMMARY

The throttle position sensor varies its resistance with the angle of the throttle valve. The ECM applies a regulated reference voltage to the throttle position sensor “+” terminal and calculates the angle of the throttle valve based on the voltage present at the throttle position sensor “signal” terminal.

When the throttle valve is near the fully closed position, the output voltage of the throttle position sensor is low. When it is near the fully open position, the output voltage is high.

The ECM checks the indicated angle of the throttle valve during “stop and go” conditions. If the indicated angle (or voltage) in the “closed throttle” position is out of the specified range, the ECM interprets this as a malfunction in the throttle position sensor and sets a DTC.

RELATED DTC

Related DTCs	P0121	Throttle position sensor malfunction
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MODEL YEAR CHART

Model Year	See Page
1996 to 2003	Ce-33