

Electrical Throttle Control System (ETCS)

Ce00U-01

Throttle Motor Current Monitor Description

MONITOR SUMMARY

The throttle motor is operated by the engine control module (ECM) and it opens and closes the throttle valve. The opening angle of the throttle valve is detected by the throttle position sensor. It provides feedback to the ECM to control the throttle motor and the throttle valve opening angle properly in response to driver inputs.

The ECM monitors the current flows through the throttle motor and detects malfunctions and/or an open circuit in the throttle motor based on these measurements. When the current deviates from the normal range, the ECM interprets this as a malfunction in the throttle motor and sets a DTC.

If the ECM determines that the ETCS is malfunctioning, it shuts off the power to the throttle motor, the throttle valve is closed by the return spring, and the throttle valve is locked at a certain operating angle. At the same time, operation of the ECTS is cancelled until the system returns to normal or the ignition switch is turned OFF.

RELATED DTC

Previous code:

Related DTCs	P1125	Throttle motor circuit is open/shorted (Motor current is low or high)
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Extended code:

Related DTCs	P2102	Throttle motor current is low
	P2103	Throttle motor current is high

MODEL YEAR CHART

Model Year	See Page
1998 to 2004	Ce-70