

DTC	P1129	Electric Throttle Control System Malfunction
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*: ETCS trouble code No. is 32.

CIRCUIT DESCRIPTION

Electric Throttle Control System (ETCS) is composed of the throttle motor to operate the throttle valve, the throttle position sensor to detect the opening angle of the throttle valve, the accelerator pedal position sensor to detect the accelerator pedal position, the engine ECU to control the ETCS and the one valve type throttle body.

The engine ECU controls the throttle motor to make the throttle valve opening angle properly in response driving condition.

The throttle position sensor which is mounted on the throttle body detects the opening angle of the throttle valve, and it provides feedback to the engine ECU to control the throttle motor.

If the ETCS has a malfunction, the engine ECU shuts down the power for the throttle motor, and the throttle valve is fully closed by the return spring.

DTC No.	DTC Detecting Condition	Trouble Area
P1129	Throttle opening angle continues to vary great from target throttle opening angle	<ul style="list-style-type: none"> • Electric throttle control system • Engine ECU

WIRING DIAGRAM

Refer to DTC P1125 on [page DI-164](#).

INSPECTION PROCEDURE

HINT:

Read freeze frame data using OBD scan tool or hand-held tester. Because freeze frame records the engine conditions when the malfunction is detected. When troubleshooting it is useful for determining whether the vehicle was running or stopped, the engine was warmed up or not, the air-fuel ratio was lean or rich, etc. at the time of the malfunction.

1	Are there any other codes (besides DTC P1129) being output?
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YES

Go to relevant DTC chart ([See page DI-84](#)).

NO

Replace engine ECU, and clear DTC. If DTC P1129 is memorized again, and then replace throttle body.