

DTC	P2119	Throttle Actuator Control Throttle Body Range/Performance
------------	--------------	--

CIRCUIT DESCRIPTION

The 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 ECM to control the ETCS, and the one valve type throttle body.

The ECM controls the throttle motor to make the throttle valve opening angle properly in response to the 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 ECM to control the throttle motor.

If the ETCS has a malfunction, the throttle valve is locked at a certain opening angle. Also, the whole electronically controlled throttle operation is cancelled until the system returns to normal and the ignition switch is turned OFF.

DTC No.	DTC Detecting Condition	Trouble Area
P2119	Throttle opening angle continues to vary greatly from target throttle opening angle	• Throttle control motor and sensor system • ECM

WIRING DIAGRAM

Refer to DTC P2102 and P2103 on page [DI-207](#).

INSPECTION PROCEDURE

HINT:

Read freeze frame data using hand-held tester or OBD II scan tool. Because freeze frame records the engine conditions when the malfunction is detected. When troubleshooting it is useful to determine 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 P2119) being output?
----------	--

YES

Go to relevant DTC chart (See page [DI-24](#)).

NO

Replace ECM, and clear DTC. If DTC P2119 is memorized again, and then replace throttle control motor and sensor.