

DTC	P2111	Throttle Actuator Control System –Stuck Open
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DTC	P2112	Throttle Actuator Control System –Stuck Closed
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CIRCUIT DESCRIPTION

The throttle motor is operated by the ECM and it opens and closes the throttle valve. If this DTC is stored, 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 Detection Condition	Trouble Area
P2111 P2112	Lock throttle control motor during control of throttle control motor	• Throttle control motor and sensor

WIRING DIAGRAM

Refer to DTC P0120 on page [DI-57](#).

INSPECTION PROCEDURE

HINT:

Read freeze frame data using hand-held tester or the OBD II scan tool, as freeze frame data records the engine conditions when a malfunction is detected. When troubleshooting this 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	Check throttle control motor and sensor (See page SF-33).
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NG**Replace throttle control motor and sensor (See page [SF-33](#)).****OK**

2	Visually check throttle valve.
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PREPARATION:

Remove the intake air connector.

CHECK:

Check whether or not a foreign body is caught between the throttle valve and housing.

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Remove foreign body and clean throttle control motor and sensor.

OK

Replace throttle control motor and sensor.