DTC	P1128/41	THROTTLE CONTROL MOTOR LOCK MALFUNCTION

CIRCUIT DESCRIPTION

Throttle motor is operated by the ECM and it opens and closes the throttle valve. The opening angle of the throttle valve is detected by the throttle position sensor which is mounted on the throttle body and it provides feedback to the ECM to control the throttle motor in order the throttle valve opening angle properly in response to driving condition. If this DTC is stored, the ECM shuts down the power for the throttle motor, and the throttle valve is fully closed by the return spring.

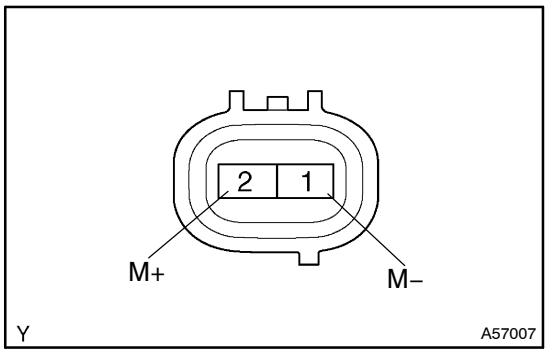
DTC No.	DTC Detection Condition	Trouble Area
P1128/41	Lock throttle control motor during control throttle control motor	• Throttle body assy (Throttle motor) • Throttle body assy (Throttle valve)

INSPECTION PROCEDURE

HINT:

Read freeze frame data using hand–held tester, as freeze frame data records the engine conditions when a 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 INSPECT THROTTLE BODY ASSY(THROTTLE CONTROL MOTOR)



(a) Disconnect the throttle motor connector.

(b) Using an ohmmeter, measure the motor resistance between terminals 1 (M–) and 2 (M+).

Motor resistance: 0.3 – 100 Ω at 20°C (68°F)

NG → **REPLACE THROTTLE BODY ASSY**

OK

2 INSPECT THROTTLE BODY ASSY(THROTTLE VALVE)

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

NG → **REMOVE FOREIGN BODY AND CLEAN THROTTLE BODY**

OK

REPLACE THROTTLE BODY ASSY