

P2103: Throttle Actuator Control Motor Circuit High

Wiring Diagram

Refer to "DTC P2101: Throttle Actuator Control Motor Circuit Range / Performance".

DTC Detecting Condition and Trouble Area

DTC detecting condition	Trouble area
Power supply voltage of throttle actuator control circuit is higher than specified value for specified time even if throttle actuator control relay is turned off. (1 driving detection logic)	<ul style="list-style-type: none">• Throttle actuator control relay circuit• Throttle actuator control relay• ECM

DTC Confirmation Procedure

- 1) With ignition switch turned OFF, connect scan tool.
- 2) Turn ON ignition switch and clear DTC using scan tool.
- 3) Ignition switch turned OFF for 20 sec. or more.
- 4) Turn ON ignition switch and check DTC.

DTC Troubleshooting

Step	Action	Yes	No
1	Was "Engine and Emission Control System Check" performed?	Go to Step 2.	Go to "Engine and Emission Control System Check".
2	Throttle actuator control relay circuit check 1) Remove throttle actuator control relay from individual circuit fuse box No.1 with ignition switch turned OFF. 2) Check for proper connection to throttle actuator control relay at "BLK/RED", "GRY", "BRN" and "GRN" wire terminals. 3) Turn ON ignition switch. 4) Measure voltage between engine ground and "E01-32" terminal of ECM connector. Is voltage 0 V?	Go to Step 3.	"GRN" wire is shorted to other circuit.
3	Throttle actuator control relay circuit check 1) Disconnect connectors from ECM with ignition switch turned OFF. 2) Measure resistance between engine ground and "E01-45" terminal of ECM connector. Is resistance infinity?	Go to Step 4.	"BRN" wire is shorted to ground circuit.
4	Throttle actuator control relay check 1) Check throttle actuator control relay referring to "Main Relay, Fuel Pump Relay, Starting Motor Control Relay, Throttle Actuator Control Relay and Radiator Cooling Fan Relay Inspection in Section 1C". Is it in good condition?	Substitute a known-good ECM and recheck.	Replace throttle actuator control relay.