

DTC	P0121	Throttle Pedal Position Sensor/Switch "A" Circuit Range/Performance Problem
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CIRCUIT DESCRIPTION

- Refer to DTC P0120 (w/ ETCS) on page [DI-265](#).
- Refer to DTC P0120 (w/o ETCS) on page [DI-272](#).

HINT:

This is the procedure of throttle position sensor.

DTC No.	DTC Detection Condition	Trouble Area
P0121 (w/ ETCS)	Condition (a) continues for 2.0 seconds: (a) Difference between VTA and VTA2 is out of threshold	• Throttle position sensor
P0121 (w/o ETCS)	While vehicle speed drops from 30 km/h (19 mph) or more to 0 km/h (0 mph), output value of throttle position sensor is out of applicable range (2 trip detection logic)	• Throttle position sensor

INSPECTION PROCEDURE

HINT:

Read freeze frame data using the hand-held tester or the OBD II scan tool, as freeze frame data records the 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	Are there any other codes (besides DTC P0121) being output?
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YES

Go to relevant DTC chart (See page [DI-231](#)).

NO

Replace throttle position sensor.