

DTC	P2120/111	THROTTLE/PEDAL POSITION SENSOR/SWITCH "D" CIRCUIT
DTC	P2121/106	THROTTLE/PEDAL POSITION SENSOR/SWITCH "D" CIRCUIT RANGE/PERFORMANCE
DTC	P2121/114	THROTTLE/PEDAL POSITION SENSOR/SWITCH "D" CIRCUIT RANGE/PERFORMANCE
DTC	P2125/112	THROTTLE/PEDAL POSITION SENSOR/SWITCH "E" CIRCUIT
DTC	P2126/109	THROTTLE/PEDAL POSITION SENSOR/SWITCH "E" CIRCUIT RANGE/PERFORMANCE
DTC	P2138/110	THROTTLE/PEDAL POSITION SENSOR/SWITCH "D"/"E" VOLTAGE CORRELATION

HINT:

This is the repair procedure for the accelerator pedal position sensor.

CIRCUIT DESCRIPTION

Refer to DTC P2122 (INF 104) on page [05-772](#).

DTC No.	INF Code	DTC Detection Condition	Trouble Area
P2120	111	Accelerator pedal position main sensor value does not change while its sub sensor value changes	• Accelerator pedal rod assembly
P2121	106	Internal error of accelerator pedal position main sensor	• Accelerator pedal rod assembly
P2121	114	Accelerator pedal not smoothly returning to its original position	• Accelerator pedal rod assembly
P2125	112	Accelerator pedal position sub sensor value does not change while its main sensor value changes	• Accelerator pedal rod assembly
P2126	109	Internal error of accelerator pedal position sub sensor	• Accelerator pedal rod assembly
P2138	110	Difference between main sensor value and sub sensor value is large	• Accelerator pedal rod assembly

INSPECTION PROCEDURE

If any of the above information (INF) code is present, replace the accelerator pedal rod assembly.

REPLACE ACCELERATOR PEDAL ROD ASSY (See page [21-128](#))