

CADILLAC P1271: ACCELERATOR PEDAL POSITION SENSOR 1-2 CORRELATION

OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$100-\$300
Can I Still Drive?	:	Yes (Short-term only)

What Does The Cadillac P1271 Code Mean?

Engine started; system voltage over 10.0v, ETC serial data operating, the accelerator pedal is leaving idle position, the PCM detected the voltage difference between the APP 1 and APP 2 sensors was not correct when leaving the idle position.

What Are The Potential Causes Of The Cadillac P1271 Code?

Below are some potential causes of this DTC:

- APP sensor mounting bolts loose or damaged
- APP1, 2 sensor signal circuit open, shorted to ground or to B+
- APP1, 2 sensor VREF circuit is open or shorted to ground
- APP1, 2 sensor VREF circuit is shorted to system power (B+)

Reference Sources

GM, 2013, [Service Bulletin - Prior To Any Circuit Testing](#).