

CADILLAC P1276: ACCELERATOR PEDAL POSITION SENSOR 1 RANGE/PERFORMANCE

OVERVIEW

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

What Does The Cadillac P1276 Code Mean?

DTC P0606, P1517 and P1518 not set, key in crank or run position, system voltage over 5.23v, and the PCM detected the APP Sensor 1 and the APP Sensor 2 signals disagreed by more than 10%, or the APP Sensor 1 and APP Sensor 3 signals disagreed by over 13%.

What Are The Potential Causes Of The Cadillac P1276 Code?

- APP1 sensor connector is contaminated, oily or contains water
- APP1 sensor signal circuit is open or shorted to ground
- APP1 sensor signal circuit is shorted to VREF or system power
- APP1 sensor ground circuit is open or has high resistance
- APP1 sensor

Reference Sources

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