

CADILLAC P1280: ACCELERATOR PEDAL POSITION SENSOR 2 CIRCUIT MALFUNCTION

OVERVIEW

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

What Does The Cadillac P1280 Code Mean?

DTC [P0601](#), [P0602](#), [P0606](#), [P1517](#) and [P1518](#) not set, key in crank or run position, system voltage over 5.23v, and the PCM detected the TP2 signal was less than 0.83v, or it was more than 4.81v for 1 second during the test.

What Are The Potential Causes Of The Cadillac P1280 Code?

Below are some potential causes of this DTC:

- APP2 sensor connector is contaminated, oily or contains water
- APP2 sensor signal, ground or VREF circuit high resistance
- APP2 sensor VREF circuit is open, shorted to ground or to B+
- APP2 sensor signal or ground circuit has high resistance

Reference Sources

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