

CADILLAC P1120: TP SENSOR 1 CIRCUIT MALFUNCTION

OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$200-\$600
Can I Still Drive?	:	Yes (Short-term only)

What Does The Cadillac P1120 Code Mean?

Conditions for setting the DTC:

Engine started; system voltage over 10.0v and the PCM detected the TP Sensor 1 signal was less than 0.195v or more than 4.60v, or the difference between the TP1 and TP2 signals was more than 13% for 140 ms during the CCM test.

What Are The Potential Causes Of The Cadillac P1120 Code?

Below are some potential causes of this DTC:

- TP1 sensor signal circuit is open, shorted to ground or to power
- TP1 sensor low reference circuit has high resistance condition
- TP1 sensor is damaged or has failed

Reference Sources

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