

CHEVROLET P1451: BAROMETRIC PRESSURE SENSOR RANGE/PERFORMANCE

OVERVIEW

Severity	:	<div><div></div></div> High
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$200-\$300
Can I Still Drive?	:	Yes (Short-term only)

What Does The Chevrolet P1451 Code Mean?

Engine cranking for 2 seconds, or engine running in closed loop at a stable speed, the PCM detected the difference between the BARO and MAP sensors was 26 kPa or higher.

What Are The Potential Causes Of The Chevrolet P1451 Code?

- BARO pressure sensor is damaged, "skewed" or it has failed
- MAP sensor is out-of-calibration or the sensor is "skewed"
- PCM has failed

Reference Sources

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