

CHEVROLET P1442: EVAP PURGE SOLENOID SWITCH STATIC TEST MALFUNCTION

OVERVIEW

Severity	:	<div><div></div></div> High
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$150-\$300
Can I Still Drive?	:	Yes (Short-term only)

What Does The Chevrolet P1442 Code Mean?

Key on, engine off, Purge solenoid inhibit criteria met, and the PCM detected the EVAP Purge Vacuum Switch indicated a high state (i. e. , switch stuck open indicating high vacuum).

What Are The Potential Causes Of The Chevrolet P1442 Code?

- EVAP vacuum switch signal circuit is shorted to ground
- EVAP switch ground circuit is open (test ground at the switch)
- EVAP vacuum switch is damaged, or the PCM has failed

Reference Sources

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