

CHEVROLET P1653: EGR VENT SOLENOID CONTROL CIRCUIT MALFUNCTION

OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$100-\$250
Can I Still Drive?	:	Yes (Short-term only)

What Does The Chevrolet P1653 Code Mean?

Engine started; Vent solenoid requested "on" during Test 1, and the PCM detected a high voltage on the solenoid control circuit, or with the solenoid "off" it detected a low voltage (0v).

What Are The Potential Causes Of The Chevrolet P1653 Code?

- Vent solenoid control circuit is open, shorted to ground or to B+
- Vent solenoid power circuit is open (check the ENG1 fuse)
- Vent solenoid is damaged, or the PCM has failed

Reference Sources

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