

FORD P1451: EVAP SYSTEM CANISTER VENT SOLENOID CIRCUIT MALFUNCTION

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$250-\$561
Can I Still Drive?	:	Yes (Short-term only)

What Does The Ford P1451 Code Mean?

Engine started, engine running at a steady cruise speed, canister vent solenoid enabled, and the PCM detected an unexpected voltage condition on the Canister Vent solenoid circuit.

What Are The Potential Causes Of The Ford P1451 Code?

- CV solenoid circuit is open, shorted to ground or system power
- CV solenoid is damaged or has failed
- PCM has failed

Reference Sources

[2007 Powertrain Control Emissions Diagnosis On Board Diagnosis](#) - Sections 4: Powertrain DTC Charts and Descriptions, P1451, page 105.