

## CHEVROLET P1651: COOLING FAN 1 RELAY CONTROL CIRCUIT MALFUNCTIONS

### OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$30-\$120
Can I Still Drive?	:	<b>Yes</b> (Short-term only)

### What Does The Chevrolet P1651 Code Mean?

Key on or engine running; and the PCM detected an unexpected voltage condition on the Cooling Fan Relay 2 control circuit for 30 seconds during the CCM test.

### What Are The Potential Causes Of The Chevrolet P1651 Code?

- Cooling fan relay 1 control circuit is open, shorted to ground or to system power
- Cooling fan relay 1 power circuit is open (test COOL FAN1 fuse or the MAXI fuse)
- Cooling fan relay 1 is damaged or has failed
- PCM has failed

### Reference Sources

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