

CHEVROLET P1406: EGR VALVE PINTLE POSITION CIRCUIT MALFUNCTION

OVERVIEW

Severity	:	<div>High</div>
DIY Difficulty Level	:	<div>Intermediate</div>
Repair Cost	:	\$100-\$200
Can I Still Drive?	:	Yes (Short-term only)

What Does The Chevrolet P1406 Code Mean?

Engine started, and the PCM detected the EGR Feedback signal was less than 0.14v, or with the EGR Position commanded to 0%, the EGR Feedback signal was 0.40v more than the EGR Closed Valve Pintle Position, or that the Actual EGR Position was 10% more.

What Are The Potential Causes Of The Chevrolet P1406 Code?

- EGR solenoid control circuit is open, shorted to ground or to B+
- EGR solenoid power circuit is open (test ACTUATORS fuse)
- EGR solenoid is damaged or has failed
- PCM has failed

Reference Sources

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