

GMC 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 GMC P1406 Code Mean?

Engine started; and the PCM/CM detected the EGR Position sensor signal was out-of-range EGR Position, or that the EGR Position sensor signal indicated more than 10% above the Desired EGR Position with the EGR solenoid commanded to 0%.

What Are The Potential Causes Of The GMC P1406 Code?

- EGR solenoid control circuit is open, shorted to ground or to B+
- EGR solenoid power circuit is open (check the ENG1 fuse)
- EGR solenoid is damaged or has failed
- PCM has failed
- TSB 76-65-04 contains a repair procedure for this code

Reference Sources

[Technical Service Bulletin PIP5094 for P1406](#) - General Motors