

## CADILLAC P1406: EGR VALVE PINTLE POSITION CIRCUIT MALFUNCTION

### OVERVIEW

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

### What Does The Cadillac P1406 Code Mean?

Engine running at idle speed, and the PCM detected the EGR Position sensor was 0.18v during Test 1; or the EGR Position sensor was 2.06v or higher during Test 2; or the maximum change in Desired EGR was less than 0.10v with the signal error over 0.20v.

### What Are The Potential Causes Of The Cadillac P1406 Code?

- EGR solenoid (valve) is binding or sticking
- EGR solenoid control circuit is open, shorted to ground or to B+
- EGR solenoid power circuit is open (check the ECS 10A fuse)
- EGR solenoid is damaged or has failed
- PCM has failed

### Reference Sources

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