

CHEVROLET P1509: IDLE SPEED HIGH RPM

OVERVIEW

Severity	:	<div><div>High</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$120-\$500
Can I Still Drive?	:	Yes (Short-term only)

What Does The Chevrolet P1509 Code Mean?

Engine started, engine runtime over 2 minutes, ECT sensor more than 132°F, IAT sensor more than 68°F, vehicle speed less than 3 mph with the throttle closed, and the PCM detected the Actual idle speed was 175 rpm higher than the Desired idle speed.

What Are The Potential Causes Of The Chevrolet P1509 Code?

- Base engine problem (engine vacuum leak or PCV valve leak)
- IAC motor is damaged or has failed (it may be sticking)
- IAC motor circuit open, shorted to ground or shorted to power
- Throttle body adjustment screw tampered with or damaged

Reference Sources

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