

CADILLAC P1509: IDLE SPEED HIGH - IAC SYSTEM NOT RESPONDING

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 Cadillac P1509 Code Mean?

Conditions for setting the DTC:

- DTC [P1370](#), [P1371](#), [P1406](#), [P1441](#) and P1442 not set
- Engine started, vehicle not moving
- ECT sensor from -4°F to 230°F
- BARO sensor over 65 kPa
- Engine runtime over 10 seconds in closed loop
- MAF sensor from 2-35 g/sec

What Are The Potential Causes Of The Cadillac P1509 Code?

Below are some potential causes of this DTC:

- Base engine problem (engine vacuum leak or PCV valve leak)
- Fuel system is too rich or too lean
- 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](#).