

CADILLAC P1416: SECONDARY AIR INJECTION SYSTEM (BANK 2) MALFUNCTION

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$200-\$400
Can I Still Drive?	:	Yes

What Does The Cadillac P1416 Code Mean?

AIR Test 1: Engine started, ECT sensor less than 239°F, engine runtime over 2 seconds, TP angle stable, A/F ratio more than 13:1, engine load under 6.6%, airflow less than 26 g/sec, HO2S bias voltage from 365-513 mv, and the PCM detected the front HO2S si

What Are The Potential Causes Of The Cadillac P1416 Code?

- Air hoses disconnected, loose, kinked or failed (a burnt hose)
- AIR pump is damaged or has failed (inspect air pump for water)
- AIR system check valves and/or pipes are damaged or leaking
- AIR check valve (in hose to vacuum bleed valve) stuck closed
- PCM has failed

Reference Sources

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