

CADILLAC P1111: IAT SENSOR CIRCUIT INTERMITTENT HIGH INPUT

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$90-\$1000
Can I Still Drive?	:	Yes

What Does The Cadillac P1111 Code Mean?

DTC [P0101](#), [P0102](#), [P0103](#), [P0116](#), [P0117](#), [P0118](#), [P0125](#), [P0128](#), [P0502](#), [P0503](#), [P1114](#) and [P1115](#) not set, engine started, engine runtime 5 seconds, ECT sensor more than 140°F, MAF sensor less than 12-60 g/sec, VSS less than 50 mph.

What Are The Potential Causes Of The Cadillac P1111 Code?

- IAT sensor signal circuit is open (intermittent fault)
- IAT sensor ground circuit is open (intermittent fault)
- IAT sensor is damaged (an intermittent "open" condition)
- PCM has failed

Reference Sources

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