

## CADILLAC P1642: VEHICLE SPEED OUTPUT SIGNAL CIRCUIT MALFUNCTION

### OVERVIEW

Severity	:	<div><div>High</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$100-\$350
Can I Still Drive?	:	No

### What Does The Cadillac P1642 Code Mean?

Engine runtime over 10 seconds and the PCM detected an unexpected "low" voltage on the VSS Output Line for 2.5 seconds during the CCM test. DTC P1642 is used to monitor the fault line of the VSS output signal circuit.

### What Are The Potential Causes Of The Cadillac P1642 Code?

- VSS output signal circuit is open, shorted to ground or to B+
- PCM has failed

### Reference Sources

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