

CHEVROLET P1817: A/T INPUT SHAFT SPEED SENSOR MALFUNCTION (4T40-E/4T45-E)

OVERVIEW

Severity	:	<div style="display: inline-block; width: 100%;"><div style="width: 50%; background-color: #e69d00; color: white; text-align: center; padding: 2px;">Medium</div></div>
DIY Difficulty Level	:	<div style="display: inline-block; width: 100%;"><div style="width: 60%; background-color: #e69d00; color: white; text-align: center; padding: 2px;">Intermediate</div></div>
Repair Cost	:	\$250-\$300
Can I Still Drive?	:	No

What Does The Chevrolet P1817 Code Mean?

Engine runtime over 5 seconds, TFP manual valve position switch signal not in Park or Neutral, VSS more than 5 mph, and the PCM detected the Input Shaft Speed sensor changed by over 100 rpm for 5 seconds.

What Are The Potential Causes Of The Chevrolet P1817 Code?

- A/T ISS connector is damaged or it has failed
- A/T ISS circuit is shorted to ground
- A/T ISS assembly is damaged or it has failed
- PCM has failed

Reference Sources

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