

CHEVROLET P16A1: SENSOR COMMUNICATION CIRCUIT HIGH VOLTAGE

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$100-\$250
Can I Still Drive?	:	Yes (Short-term only)

What Does The Chevrolet P16A1 Code Mean?

The engine is operating for greater than 10 s. The engine speed is greater than 600 RPM. DTCs [P16A0](#), P16A1, and [P16A2](#) run continuously once the above conditions are met. The ECM detects the position sensor signal voltage is greater than 3 V for greater than 5 s.

How Can You Fix The Chevrolet P16A1 Code?

Inspect the engine harness for any damaged wires along the harness and repair if necessary

Reference Sources

- GM, 2014, [Service Bulletin](#) - Malfunction Indicator Lamp (MIL) On, Various DTCs Set, IPC Inoperative, Display and/or BCM Fuse Blown.
- GM, 2020, [Service Bulletin](#) - PIT5677C SES MIL / No Start / No Crank / Runs Rough / Reduced Engine Power / VSS / DTCs (Inspect Engine Harness).
- GM, 2020, [Service Bulletin](#) - PIT5742 SES MIL / No Start / No Crank / Runs Rough / Reduced Engine Power / Loss Communication / DTCs (V8 and V6 Inspect Engine Harness).
- GM, 2020, [Service Bulletin](#) - PIT5713A SES MIL / IPC Gauges Sweep / IPC Warning Message / Reduced Engine Power / Loss Communication / Various DTCs (V6 Inspect Engine Harness).