

CHEVROLET P1B03: DRIVE MOTOR 1 POSITION SENSOR CIRCUIT LOSS OF TRACKING

OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Advanced
Repair Cost	:	\$500-\$3500
Can I Still Drive?	:	No

What Does The Chevrolet P1B03 Code Mean?

The motor control module cannot track the motor position based upon the sensor signals.

Reference Sources

- GM, 2014, [Service Bulletin](#) - D (EREV) Reduced Propulsion with P0C17 P1B03 Or P0C01 (Drive Motor 1 Only).
- GM, 2015, [Service Bulletin](#) - 3 Phase Connector Block and Harness update (2011-2012 Volt).
- GM, 2019, [Service Bulletin](#) - PIC6136A 3 Phase Connector Block and Harness update (2011-2012 Volt).
- GM, 2020, [Service Bulletin](#) - Loss of Propulsion, Malfunction Indicator Lamp (MIL) Illuminated - DTC P0A3F and/or P1B03 Set.
- GM, 2019, [Service Bulletin](#) - PIP5641D Diagnostic Aid: DTC P0A3F or P1B03 - Drive Motor Position Sensor Circuit.