

## CHEVROLET P11DB: NOX SENSOR 1 CURRENT PERFORMANCE

### OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$450-\$750
Can I Still Drive?	:	<b>Yes</b> (Short-term only)

### What Does The Chevrolet P11DB Code Mean?

The exhaust temperature sensor 2 is greater than 95°C (203° F). The engine speed is greater than 600 RPM. The battery voltage is greater than 11 V. The DPF regeneration is not active. The DTCs run continuously when the above conditions are met.

### What Are The Potential Causes Of The Chevrolet P11DB Code?

- The ECM receives a serial data message from the NOx Sensor Module that the NOx ratio of valid to invalid feedback is greater than a predetermined amount for greater than 5 s.

### How Can You Fix The Chevrolet P11DB Code?

If the sensor is found to be damaged, replace the NOx 2 sensor.

### Reference Sources

- GM, 2012, [Service Bulletin](#) - Instrument Panel Cluster (IPC) Warning Lamps and/or MIL are Illuminated, Diesel Exhaust Fluid (DEF) Message Displayed, Various DTCs Set, Transmission May Not Shift or Defaults to Second Gear (Inspect Wiring Harnesses for Chafing, Connectors Not Fully Seated, and Backed Out or Damaged Terminals, Repair as Needed).
- GM, 2011, [Service Bulletin](#) - Instrument Panel Cluster (IPC) Warning Lamps and/or MIL are

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- GM, 2020, [Service Bulletin](#) - N192291610 - Special Coverage NOx Sensor Coating Peeling Off.
- GM, 2020, [Service Bulletin](#) - SES MIL / Reduced Engine Power / Misfire / IPC Gauges Sweep / IPC Warning Message / Loss Communication / Various DTCs / Blown Fuse (Inspect Engine Harness 3.0L Diesel).
- GM, 2020, [Service Bulletin](#) - Malfunction Indicator Lamp (MIL) Illuminated - DTC P0421, P0422, P0480, P119E, P11D0, P11DB, P11DC, P11FC, P20EE, P220B, P22A0, , P22A2, P22A3 and/or P24A0 Set.