

CHEVROLET P11DC: NOX SENSOR 2 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?	:	Yes (Short-term only)

What Does The Chevrolet P11DC Code Mean?

The exhaust temperature sensor 4 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 DTC runs continuously when the above conditions are met.

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 P11DC 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 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, 2016, [Service Bulletin](#) - 2017 6.6L Duramax (RPO L5P) NOx Sensor Parts Restriction.
- GM, 2017, [Service Bulletin](#) - 15594 - Emission Recall NOx Position 1 Sensor Replacement Recall Suspended Until Further Notice.