## CHEVROLET P11CC: NOX SENSOR 1 PERFORMANCE - SIGNAL LOW OVERVIEW Severity : Medium DIY Difficulty Level : Intermediate Repair Cost : \$450-\$750 Can I Still Drive? : Yes (Short-term only)

## What Does The Chevrolet P11CC Code Mean?

This code indicates that the ECM receives a serial data message from the NOx Sensor Module that the NOx concentration disagrees with the calculated NOx concentration for greater than 5 s.

## Conditions for setting the DTC:

- The DPF Regeneration is not active.
- The BARO is between 75-106 kPa (11-15 psi).
- The ambient air temperature is between -7 to +38°C (19-100°F).
- The engine run time is greater than 30 s.
- The engine coolant temperature is between -7 to +123°C (19-253°F).
- The engine speed is greater than 600 RPM.
- The battery voltage is greater than 11 V.
- The NOx sensor is at operating temperature.
- The DTCs run once per drive cycle when the above conditions are met.

## **Reference Sources**

- GM, 2016, Service Bullettin Malfunction Indicator Lamp (MIL) On, DTC P11CC Set.
- GM, 2017, <u>Service Bullettin</u> Malfunction Indicator Lamp (MIL) Illuminated with One or Multiple DTCs Set.



- GM, 2017, Service Bullettin PIP5468 Check Engine Light On with DTCs P0101, P0299, P11CC, P11DC, P2002 and / or P20EE set.
- GM, 2017, <u>Service Bullettin</u> PIP5453A 2017 6.6L Duramax (RPO L5P) NOx Sensor Parts Restriction Has Ended.
- GM, 2017, <u>Service Bullettin</u> PIP5468C Check Engine Light On with Leaks in the Charge Air Cooler System.
- GM, <u>Service Bullettin</u> PIP5468D Check Engine Light On with Leaks in the Charge Air Cooler System.
- GM, <u>Service Bullettin</u> PIP5468E Check Engine Light On with Leaks in the Charge Air Cooler System.
- GM, 2017, Service Bullettin Hesitation, Stalling, Engine Speed Flare, Unintended Acceleration Feel, Reduced Surge in Low Speed Maneuvers, Stumble, Harsh Tip-In/Tip-Out, Park-Reverse-Drive Shift Concerns, Harsh Shifts, Erratic Shifts, Malfunction Indicator Lamp (MIL) Illuminated DTC P0097, P054F, P24C7, P0128, P2BAA, P2635, P11CC, P10D1, P0483, P2636, P0181, P22FE, P0263, P0266, P0269, P0272, P0275, P0278, P0281, P0284, P040C, P040D, P041C, P041D Set.
- GM, 2017, <u>Service Bullettin</u> Stalling, Idle Surge During Regeneration, Malfunction Indicator Lamp (MIL) Illuminated DTCs P0181, P10D1, P11B3, P11CC, P20E8, P22FE, P24B1 Set.
- GM, 2017, <u>Service Bullettin</u> Malfunction Indicator Lamp (MIL) Illuminated, Ticking Sound From Fuel Injector On Deceleration and/or Stalling in Cold Weather with Low Fuel DTCs P2476, P2A00, P20EE, P0299, P0106, P10D1, P244C, P11CC, P24C7, P1488 Set.

