2016 CHEVROLET Silverado 5.3L 8-Cylinder

1GCVKREC9GZ198543

Odometer: 74,502 miles

Code Definition

System Too Lean Bank 1

12 Possible Causes

- This is one of the most common problems for your vehicle. The oxygen (O2) sensors are detecting a lean condition, which means there is too much oxygen in the exhaust (i.e. air is getting into the engine through a leak or the O2 sensor has failed).

  Before replacing the O2 sensor, check all other possible leaking components.

  Using the Live Data function of your scan tool, you can check the short-term and long-term fuel trims to narrow your troubleshooting (normally both should be close to zero).

  If the short-term is over 15% at idle and drops at higher RPMs, you likely have a vacuum leak. If the short-term is close to zero at idle, and increases at higher RPMs, you likely have a Mass Air Flow sensor or fuel issue.

  The list of components below should be checked for issues, but prioritize any listed in the Fixes section of this Repair Report.
- Vacuum Lines
- PCV Valve / Hoses
- Intake Manifold Gasket
- Mass Air Flow Sensor
- Air Intake
- Fuel Filter

- Fuel Injectors
- Fuel Pump
- Brake Booster / Hose
- Exhaust Leak
- Oxygen Sensor

5 Frequently Reported Fixes

- REPAIRED VACUUM LEAK
- REPAIRED PCV VALVE GASKET
- REPAIRED PCV VALVE HOSE
- REPAIRED PCV VALVE HOSE CLAMP
- SEE TROUBLESHOOTING TIPS