

## CHEVROLET P1093: FUEL RAIL PRESSURE RANGE/PERFORMANCE

### OVERVIEW

|                      |   |                                    |
|----------------------|---|------------------------------------|
| Severity             | : | <div><div>Medium</div></div>       |
| DIY Difficulty Level | : | <div><div>Intermediate</div></div> |
| Repair Cost          | : | \$287-\$320                        |
| Can I Still Drive?   | : | <b>Yes</b> (Short-term only)       |

### What Does The Chevrolet P1093 Code Mean?

Key on or engine running, and the ECM detected the difference between the Commanded fuel pressure and Actual fuel pressure was more than 20 MPa, or the FRP regulator fuel flow was more than 15,000 mm<sup>3</sup> at 800 rpm.

### What Are The Potential Causes Of The Chevrolet P1093 Code?

- CNG fuel injector 8 connector is damaged, open or shorted
- CNG fuel injector 8 control circuit is open or shorted to ground
- CNG fuel injector 8 is damaged or it has failed
- FICM has failed

### Reference Sources

- GM, 2012, [Service Bulletin](#) - Information On Identifying Duramax™ Diesel Overpower Engine Breakdown or Non-Function Due to Aftermarket Power-Up Devices vs. Non Overpower Engine Non-Function of Pistons, Cylinders, Valvetrain Components, DTC P003A or P111D Set.
- GM, 2012, [Service Bulletin](#) - Lack of Power, Engine Will Not Rev-up, Idle Vibration, Engine Starting Concerns, DTCs P1093, P0087, P1087, P0088 and/or P1088 Set (Diagnose and Replace Suction Control Valve (SCV) / Fuel Rail Pressure (FRP) Regulator, if necessary).
- GM, 2012, [Service Bulletin](#) - Lack of Power, Engine Will Not Rev-up, Idle Vibration, Engine

Starting Concerns, DTCs P1093, P0087, P1087, P0088 and/or P1088 Set (Diagnose and Replace Suction Control Valve (SCV) / Fuel Rail Pressure (FRP) Regulator, if necessary).

- GM, 2015, [Service Bulletin](#) - Information On Identifying Duramax™ Diesel Overpower Engine Breakdown or Non-Function Due to Aftermarket Power-Up Devices vs. Non Overpower Engine Non-Function of Pistons, Cylinders, Valvetrain Components, DTC P003A or P111D Set.