

## CHEVROLET P144F: CLOSED LOOP DIESEL PARTICULATE FILTER (DPF) REGENERATION CONTROL AT LIMIT - STAGE 2 TEMPERATURE TOO HIGH

### OVERVIEW

|                      |   |                                    |
|----------------------|---|------------------------------------|
| Severity             | : | <div><div>High</div></div>         |
| DIY Difficulty Level | : | <div><div>Intermediate</div></div> |
| Repair Cost          | : | \$100-\$1000                       |
| Can I Still Drive?   | : | Yes (Short-term only)              |

### What Does The Chevrolet P144F Code Mean?

This code is set when the exhaust gas temperature is less than or greater than the calibrated desired temperature.

Conditions for setting the DTC:

- The engine run time is greater than 10 s.
- The engine speed is greater than 600 RPM.
- The ignition voltage is greater than 11 V.
- The ECM is commanding a DPF regeneration.
- The vehicle speed is between 24-200 km/h (15-124 mph).
- The exhaust temperature sensor 1 and 4 is greater than 230°C (446°F).
- The exhaust temperature sensor 1 and 4 is less than 750°C (1,382°F).
- The DTCs run continuously once the above conditions are met for 10 minutes.

### Reference Sources

- GM, 2015, [Service Bulletin](#) - Exhaust Gas Temperature Sensors Restriction.
- GM, 2015, [Service Bulletin](#) - Exhaust Gas Temperature Sensors Restriction Has Ended.
- GM, 2016, [Service Bulletin](#) - A New Way to Look at NOx Sensor Readings and Exhaust

Temperature During a DPF Regeneration or a Reductant System Malfunction Warning Service Bay Test.