



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Malfunction Indicator Lamp (MIL) Illuminated, Reduced Engine Power Message Displayed, DTC P0106, P0107, P0108, P0299 or P2263 Set

**Models:** 2011-2012 Chevrolet Express, Silverado  
2011-2012 GMC Savana, Sierra  
Equipped with Duramax Diesel Engine RPO LGH or LML

### Condition/Concern

Some customers may comment that the malfunction indicator lamp (MIL) is illuminated and the Reduced Engine Power message is displayed.

Upon inspection, the technician may observe on a scan tool one or more of the following DTCs set in the engine control module (ECM):

- **DTC P0106:** Manifold Absolute Pressure (MAP) Sensor Performance
- **DTC P0107:** Manifold Absolute Pressure (MAP) Sensor Circuit Low Voltage
- **DTC P0108:** Manifold Absolute Pressure (MAP) Sensor Circuit High Voltage
- **DTC P0299:** Turbocharger Engine Underboost
- **DTC P2263:** Turbocharger Boost System Performance

This condition may be caused by intermittent conditions and poor connections in the MAP sensor connector wiring harness terminal crimps.

### Recommendation/Instructions

1. Turn ON the ignition, with the engine OFF.
2. Perform the Diagnostic System Check - Vehicle.

**Notice:** DTC P0107 or P0108 may or may not be set, depending on the Conditions for Running the DTC and the Conditions for Setting the DTC that were present when P0106, P0299 or P2263 set.

- ⇒ If DTC P0106 or P2263 are set, and P0299 is set along with either one of the other DTCs, then go to Step 3.
  - ⇒ If **only** DTC P0107, P0108 or P0299 are set, go to > Diagnostic Trouble Code (DTC) List - Vehicle in SI.
3. Inspect for any engine intake air leaks in the charge air system, the entire air induction system, the intake air heater, the mass air flow (MAF) sensor, and the intake manifold sealing surfaces. Refer to SI.
    - ⇒ If any engine intake air leaks are present, repair as needed.
    - ⇒ If any engine intake air leaks are not present, proceed to Step 4.
  4. Turn OFF the ignition.
  5. Disconnect the MAP sensor wiring harness connector.
  6. Replace the MAP sensor wiring harness connector with a new P/N 13580231 pigtail assembly.  
Refer to > Power and Signal Distribution > Wiring Systems and Power Management > Diagnostic Information and Procedures > Wiring Repairs > Splicing Copper Wire Using Splice Sleeves in SI.
  7. Connect the MAP sensor wiring harness connector.
  8. Turn ON the ignition.
  9. Clear the DTCs with a scan tool.
  10. Turn OFF the ignition for 60 seconds.
  11. Duplicate the Conditions for Running the DTC, in order to verify the DTC or DTCs do not reset.
    - ⇒ If the DTC resets or another DTC sets, go to > Diagnostic Trouble Code (DTC) List - Vehicle and perform the appropriate diagnostic procedure. Refer to SI.

## Parts Information

Part Number	Description	Quantity
13580231	MAP Sensor Connector Pigtail Assembly	1

## Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
N6652	Connector With Leads Assembly Replacement	Use Published Labor Operation Time

Additional time to gain access or repair time greater than 0.5 hours must be submitted as Other Labor Hours and requires Service Manager approval.