

# **Technical Service Bulletin**

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Misfire Fault Codes Caused by Aftermarket Exhaust Gas Pressure Sensor

# Misfire Fault Codes Caused by Aftermarket Exhaust Gas Pressure Sensor

## Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

### Contents

#### **Product Affected**

- B6.7 CM2350 B121B
- B6.7 CM2450 B155B
- B6.7N CM2380 B150B
- ISB6.7 G CM2180 B118
- ISL CM2350 L101
- ISL CM2350 L111
- ISX12N CM2380 X120B
- ISX15 CM2350 X101
- L9 CM2350 L116B
- L9 CM2350 L119B
- L9 CM2350 L123B
- L9 CM2450 L126B
- L9 CM2670 L128B
- L9N CM2380 L124B
- L9N CM2380 L130B
- L9N CM2380 L142B
- X12 CM2350 X119B
- X12 CM2450 X137B
- X15 CM2350 X114B
- X15 CM2350 X116B
- X15 CM2450 X124B
- X15 CM2450 X134B

#### Issue

#### Symptom:

- Misfire fault codes without any audible misfire or performance loss (false misfire).
- Fault Codes: 2457, 2533, 2534, 2535, 2536, 2537, 2538, 5895, 5896, 5897, 5898, 5899, 5911, 5914, 6413, 6425, 6426, 6427, 6428, 6429, 6431
- Possible low power or derate complaint caused by fault code(s).

#### **Root Cause:**

 Aftermarket exhaust gas pressure sensor not providing equivalent signal as genuine Cummins® exhaust gas pressure sensor.

#### Verification

- Verify exhaust gas pressure sensor is a genuine Cummins® part. See Figure 1 in Part Identification section below.
- There is a possibility that aftermarket exhaust gas pressure sensor can have a Cummins® part number printed on the sensor body. See Figure 2 and 3 in Part Identification section below.

#### **Service Instructions**

If an aftermarket exhaust gas pressure sensor is found, replace with a genuine Cummins® exhaust gas pressure sensor. See corresponding Service Manual. Reference Procedure 019-376 in Section 19.

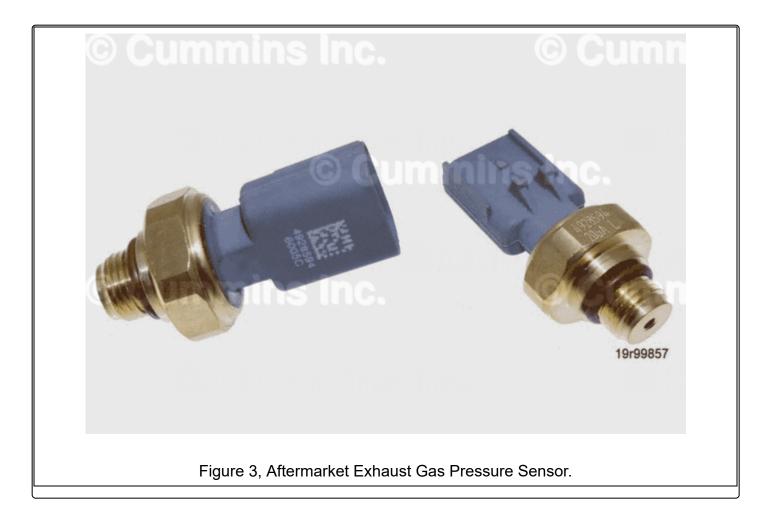
#### **Part Identification**



Figure 1, Genuine Cummins® Exhaust Gas Pressure Sensor.



Figure 2, Aftermarket Exhaust Gas Pressure Sensor.



## **Document History**

Date	Details
2021-6-10	Module Created
2022-1-13	Updated Product Affected and Symptom sections.
2022-7-5	Updated Verification section and Figures.
2022-9-9	Added ISB6.7 G CM2180 B118.

Last Modified: 09-Sep-2022