



Technical Service Bulletin

Technical Service Bulletin: TSB210127	Released Date: 09-Sep-2022
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.



Figure 3, 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
