



Technical Service Bulletin

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Troubleshooting Fault Codes 1864 and 5656	

Troubleshooting Fault Codes 1864 and 5656

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

- L9N CM2380 L124B

Issue

Symptom:

- FC1864 logging with an engine control module (ECM) calibration code revision prior to ECM calibration code revision level listed in Table 1 below.
- FC 5656 logging with any calibration.

Root Cause:

- ECM calibrations are allowing normal oxygen sensor response to log fault codes 1864 and/or 5656.

Verification

Before troubleshooting FC 1864 and/or 5656, use INSITE™ electronic service tool to check for active or inactive counts of fault codes 1864 and/or 5656 and check the ECM code.

Resolution

- For Fault Code 1864, if the electronic control module (ECM) calibration code and revision is included in Table 1 below, troubleshoot the fault code. See L9N CM2380 L124B Fault Code Troubleshooting Manual, Bulletin 5467495.
- If ECM calibration code and revision is **not** found in Table 1, update engine ECM calibration code to latest revision, then operate unit under conditions for running diagnostic, which can be found in the L9N Fault Code Troubleshooting Manual, S If fault code does **not** return, no further action is required.
- For Fault Code 5656, use INSITE™ electronic service tool to clear fault codes and return unit to customer. This TSB will be updated once an ECM calibration code update is available to correct these issues.

JG10001.03	JG10009.03	JG10017.03	JG10025.03	JG10033.03	JG10041.03
JG10002.03	JG10010.03	JG10018.03	JG10026.03	JG10034.03	JG10042.03
JG10003.03	JG10011.03	JG10019.03	JG10027.03	JG10035.03	JG10043.03
JG10004.03	JG10012.03	JG10020.03	JG10028.03	JG10036.03	JG10044.03
JG10005.03	JG10013.03	JG10021.03	JG10029.03	JG10037.03	JG10045.03
JG10006.03	JG10014.03	JG10022.03	JG10030.03	JG10038.03	JG10046.03
JG10007.03	JG10015.03	JG10023.03	JG10031.03	JG10039.03	JG10047.03
JG10008.03	JG10016.03	JG10024.03	JG10032.03	JG10040.03	JG10048.03

Service Instructions

- Do **not** replace oxygen sensors for FC1864 unless it has logged while running an ECM calibration code and revision level shown in Table 1, and proper troubleshooting has led to oxygen sensor replacement.
- Do **not** replace oxygen sensors for FC5656. Do **not** troubleshoot FC5656.

Customer Communication

An improved L9N CM2380 L124B ECM calibration code to correct this issue is expected to be available by the end of 2018.

Document History

Date	Details
2018-10-15	Module Created

Last Modified: 01-Nov-2018
