



Technical Service Bulletin

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Troubleshooting Fault Codes 1864 and 5656	

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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 and/or 5656 logging with an engine control module (ECM) calibration code revision prior to ECM calibration code revision level listed in Table 1 below.

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

- 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.

JG10001.04	JG10009.04	JG10017.04	JG10025.04	JG10033.04	JG10041.04
JG10002.04	JG10010.04	JG10018.04	JG10026.04	JG10034.04	JG10042.04
JG10003.04	JG10011.04	JG10019.04	JG10027.04	JG10035.04	JG10043.04
JG10004.04	JG10012.04	JG10020.04	JG10028.04	JG10036.04	JG10044.04
JG10005.04	JG10013.04	JG10021.04	JG10029.04	JG10037.04	JG10045.04
JG10006.04	JG10014.04	JG10022.04	JG10030.04	JG10038.04	JG10046.04
JG10007.04	JG10015.04	JG10023.04	JG10031.04	JG10039.04	JG10047.04
JG10008.04	JG10016.04	JG10024.04	JG10032.04	JG10040.04	JG10048.04

Service Instructions

- Do **not** replace oxygen sensors for FC1864 and/or FC5656 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.

Document History

Date	Details
2018-10-15	Module Created
2019-2-21	Combined FC1864 and FC5656 solutions

Last Modified: 14-Mar-2019