



Technical Service Bulletin

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Fault Codes 1665, 1666, 1675, 1676 Will Not Clear	

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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

- ISX12 G CM2180 EJ

Issue

Exhaust gas temperature fault codes will **not** clear after repairs are made.

Symptom:

- Any combination of Fault Codes 1665, 1666, 1674, 1675 will **not** clear after repairs are complete.
- Engine contains a CM2380 ECM and appropriate engine control module (ECM) calibration code.

Root Cause:

- This is the result of a known software issue in CM2380 compatible ECM calibrations codes for the ISX12 G engine.

Verification

- Verify Fault Code 1665, 1666, 1674, or 1675 is active and will **not** clear after repairs are complete.
- Verify ECM is a CM2380.

Resolution

To correct the issue:

- Use the recommended Cummins® electronic service tool or equivalent to calibrate the ECM with the latest calibration from QuickServe® Online (QSOL).
- Follow the instructions under the “Conditions for setting the Fault Code” section in the applicable Fault Code Overview Page.
- Verify that Fault Codes 1665, 1666, 1674, and 1675 are inactive.

Service Instructions

Any time an active fault 1665, 1666, 1674, or 1675 is logged on ISX12 G engines with CM2380 ECMs, this problem will occur. The latest ECM calibration code **must** be installed or reinstalled after the repair is complete. Installing an ECM calibration code will allow the fault code diagnostics to run and clear the fault code.

Document History

Date	Details
2020-12-14	Module Created

Last Modified: 18-Dec-2020
