

X Calibrations

Summary of the Early Field Notification

X Calibrations are used by Cummins Inc. ECM Controls groups as preproduction field test calibrations. X calibrations are intended to be replaced by an appropriate production calibration when one becomes available.

Affected Engines

All Industrial Midrange & Heavy Duty engines may be candidates for having an X calibration installed.

Symptoms and Observations

N/A

Suspected Cause

X calibrations are loaded under the authorization of the Industrial Controls group for field test purposes.

Failure Verification

X calibrations do not represent a “failure”. Verify if you have an X calibration installed by connecting to the ECM with INSITE™, open “Features and Parameters,” expand “System ID and Dataplate,” and then expand “Calibration Information.”

Repair Instructions

When troubleshooting any problem on an engine equipped with an X calibration, check the X Calibration Revision History and Released Calibration Cross Reference.

1. Insert the latest INCAL™ DVD into your computer.
2. Open “My Computer” or File Explorer.
3. Double click on the DVD drive.
4. Double click on the “X cal” folder. Inside this folder will be an instruction file in PowerPoint format and the matrix in Excel format.

If a released calibration is available, install the released calibration in the ECM.

X CALIBRATIONS ARE TEMPORARY FIXES AND ARE NOT INTENDED AS PERMANENT
CALIBRATIONS IN ANY CUMMINS ENGINES. SERVICE ENGINEERING RECOMMENDS INSTALLING
AN APPROPRIATE RELEASED
CALIBRATION WHENEVER POSSIBLE.

If a released calibration is available, which resolves a complaint specified in the calibration revision history and is replacing an X calibration, then the claim should be filed to warranty. Refer to procedure 502-017 of the Warranty Administration Manual for information on how to submit claims involving X calibrations.

If a released production calibration is not available, see if an improved X calibration is available. If an improved X calibration is not listed, troubleshoot the complaint using the appropriate published manuals and established troubleshooting procedures.

If the troubleshooting steps do not resolve the complaint then contact your local DFSE and have them submit a Help Ticket in the GCE Ticket system.

Potential Component Damage Assessment

None.