



Technical Service Bulletin: TSB250227

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CM2450K System Control Module (SCM) Bootloader v2.4.7.3 Not Compatible with Accelera™ Diagnostics Electronic Service Tool

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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

- BES CM2450 EV105B
- BES CM2450 EV107B
- BES CM2450 EV110B

Issue Summary

Symptom:

- Can **not** update System Control Module (SCM) Calibration using the Accelera™ Diagnostics Electronic Service Tool for a CM2450K SCM, Part Number 6393602.

Verification

- Accelera™ Diagnostics Electronic Service Tool will show Connection Failure error message with error code 1 with the message "Connection with controller could **not** be established. Contact support for further assistance".
- Save image with INSITE™ electronic service tool before flashing any SCM calibrations.

Resolution

- To Download Unique Calibration Files, reach out to 1-800-CUMMINS for technical escalation process.
- After obtaining the SCM calibration, unzip the file
- Navigate to C:\Intelect\INSITE\CalibrationWorkspace\intelect\esdn to check for an existing "esdn" folder. If the "esdn" folder exists, delete/rename/move the "esdn" folder.
- Copy the "esdn" folder from the downloaded calibration folder to "C:\Intelect\INSITE\CalibrationWorkspace\intelect".
- Flash the calibration with INSITE™ electronic service tool.
- Once this step is completed, the SCM will have the updated Bootloader (v2.4.7.4) installed and future updates can be completed using the Accelera™ Diagnostics Electronic Service Tool

Document History

Date	Details
2025-12-18	Module Created