



Attention all users of Cummins Electronic Service Tools, INSITE and Guidanz Diagnostic Tool Kit (DTK): To help ensure Cummins products remain compliant for their entire life cycles, a change to how Cummins Electronic Service tools perform calibration downloads to the Electronic Control Module (ECM) is being implemented.

Due to the complexity of this change and its impact to the user, a 3-Phase approach is being taken.

NOTE: Revision updates to the ECM Base Code currently installed in the ECM will continue mostly unchanged. However, downloading an ECM base Code that differs from the one currently in the ECM will require approval before the download can be performed. Reason for ECM Base Code change include: Campaign, ATC, TRP, TSB, and Rerate.

CHANGES TO SERVICE TOOLS

Phase 1 was implemented in July 2024, which collects key data for every calibration downloaded by a Cummins Electronic Service tool. This data is being collected and being stored to provide a record of the calibration downloaded. These records are being collected only for product IDs that are within scope of this service tool change.

Phase 1.5 will be implemented in December 2024 for INSITE version 9.1.0 and January 2025 for Guidanz Diagnostic Tool Kit (DTK) mobile version 7.1/windows 3.1. This Phase 1.5 will include additional product IDs for collecting calibration download records. In addition, Cummins Service Tools will only allow a calibration to be downloaded to an ECM from the same product ID.

EXAMPLE: If an ECM has a production calibration, the Cummins Service Tool will not allow a different engine family calibration to be downloaded, even with the use of a Fleetcount.

Phase 2 is expected to be implemented July of 2025 for INSITE and Guidanz DTK (versions to be announced at a later date). This phase will implement a Service Cal Management Back Office (BO) process. The Service Cal Management Back Office (BO) process uses a database along with additional logic to evaluate if a requested ECM code is approved for download into the engine's ECM, and restrict unauthorized configurations. This will be implemented for products built in calendar year 2013 and newer (Power Systems and Komatsu products are exempted at this time).

EXAMPLE: When INSITE/Guidanz DTK user selects an ECM code to download to the ECM, the selected ECM Code will be evaluated to determine if the ECM Code meets compliance requirements for the specified ESN. If the evaluation determines the requested ECM Code can be allowed, the download to the ECM will proceed. If, however, the requested ECM Code is not approved, Cummins will provide user support.

Phase 2 has the following major changes for the engine calibration installation process:

- ESN is required for engine calibration installation
 - ✓ ESN stored in ECM must match ESN on engine's physical data plate
- Approved engine data plate request required to perform engine uprate
- Bench/Test ECMs must be registered with SCM to avoid engine calibration installation restrictions
 - ✓ Must provide ECM P/N, ECM S/N, and contact name
 - Send bench/test ECM info to service.calibration.management@cummins.com
- Pre-Work is required before engine calibration installation when not connected to internet
 - ✓ Must obtain installation approval for each ESN while service tool is connected to SCM BO. This requires the following info:
 - ESN
 - Requested ECM Code
 - Reason for download (revision update, campaign, TRP, ATC, Uprate, TSB, new ECM)
 - For campaign, TRP, ATC, and TSB
 - Must provide ID
 - ECM code currently installed in ECM

COMPLIANCE IS CRITICAL

ECM codes should never be changed unless instructed to do so through authorized communications such as a Technical Service Bulletin (TSB) or Campaign/Temporary Repair Practice (TRP). Engine Rating changes are allowed but require an approved dataplate before the engine calibration installation request will be approved. Tool users must always follow Cummins Global Engine and Engine System Anti-Tampering Policy as well as the Policy on Tampered Emissions Control Devices and the law... everywhere.

ACTIONS TO TAKE

Look for future service tool training, review the associated [TSB 240230](#), and watch for additional information.

If you have questions, please contact service.calibration.management@cummins.com .