



# Technical Service Bulletin

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How to Clear All Faults after Calibration Download Using Guidanz Diagnostic Tool Kit

## How to Clear All Faults after Calibration Download Using Guidanz Diagnostic Tool Kit

### 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

- B6.70 CM3580 B193B

#### Issue Summary

Symptom:

- Inactive fault codes remain even after downloading a new calibration

Root Cause:

- There is a known issue in the Fault Code Handler within the Guidanz Diagnostic Tool Kit (DTK). The known issue is that the Fault Code Handler will stop working after downloading a new calibration and will either continue to display the any fault codes that were present (both active and inactive) before the download or that any new fault codes that get triggered after the calibration download will not be displayed.

#### Verification

Verify that fault codes remain after new calibration download.

#### Resolution

In order to ensure proper fault behavior after a calibration download perform these steps:

#### Fault Code Handler Workaround

## Purpose:

A known issue exists with fault code handling in Guidanz Diagnostic Tool Kit (DTK). To ensure proper fault behavior, a “Clear All Faults” must be performed immediately after installing a new calibration.

## Procedure

1. Verify that you have access to the correct calibration file
  - If not available locally, obtain it from an appropriate source
2. Connect to the Engine Control Module (ECM) using Guidanz DTK
  - Create ECM image if needed
3. Navigate to Cal Download & perform install the latest version of the calibration
  - Make sure Save and Restore checkbox is Checked
4. After the calibration download is successfully completed (Click through Prompts to Key Off and On and timer – do not key off), navigate to Faults
5. Perform Clear All Faults. This is a critical step required to restore proper fault code handling
  - Key Off and let the ECM completely power off (5 minutes)
  - Once complete, the fault handler will function normally
6. Proceed with using the tool for normal troubleshooting.

## How to Obtain a Calibration using Guidanz DTK

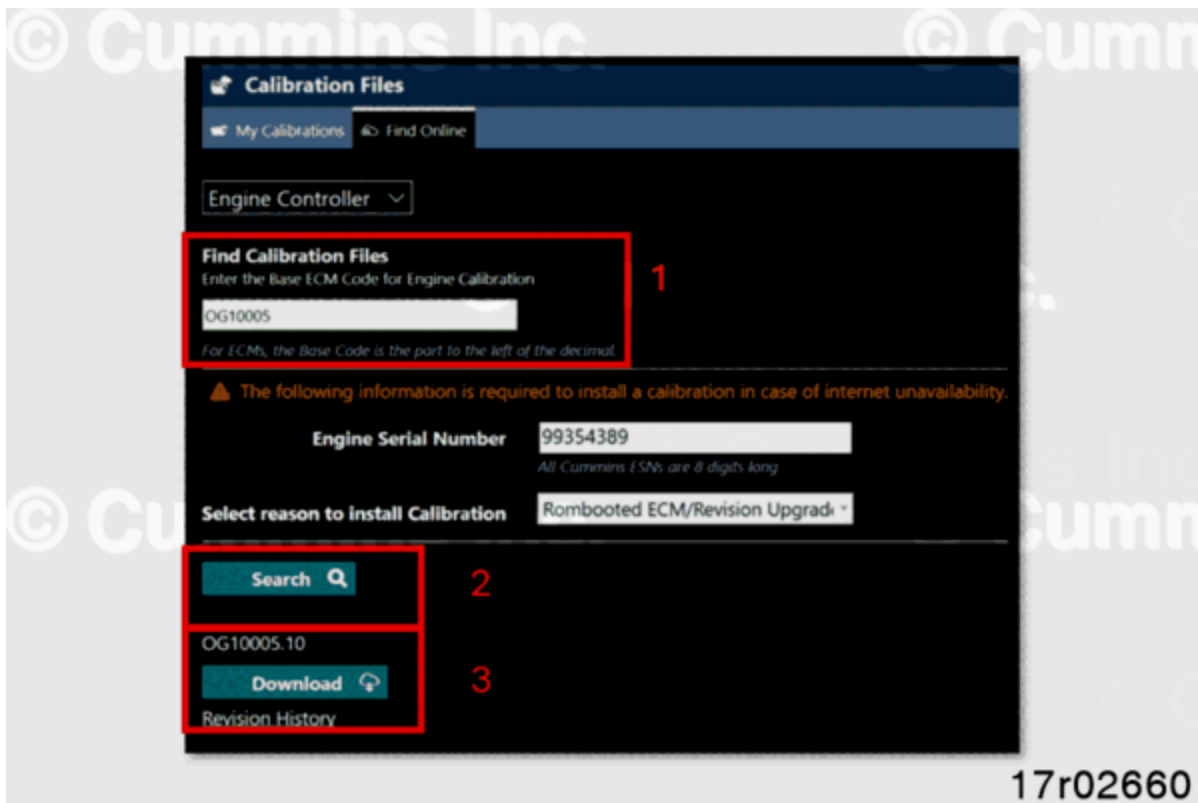


Figure 1

1. Input the ECM Code for the appropriate platform.

2. Search the “Search” icon.
3. Calibration name will appear here and you will have the option to download.

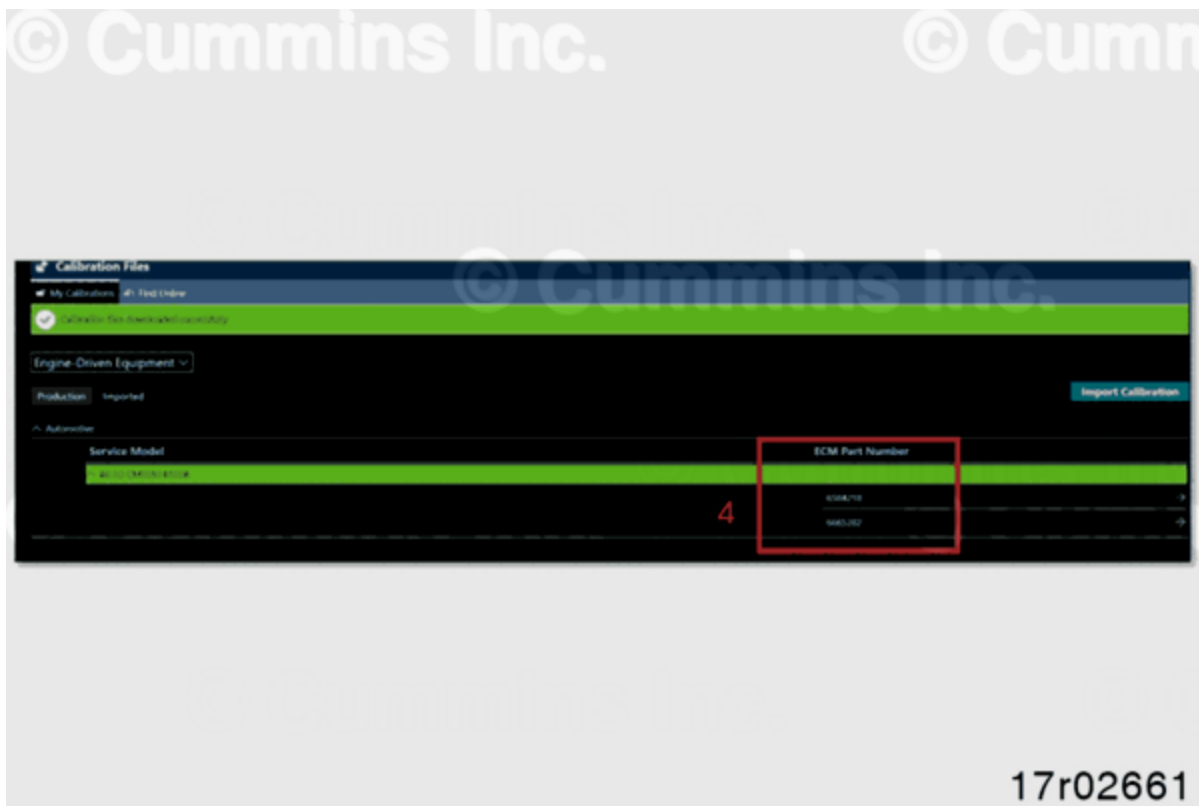


Figure 2

4. It is critical that “ECM Part Number” matches what is installed on the equipment. It can be found in “Engine Dataplate” prior to installing a new calibration.

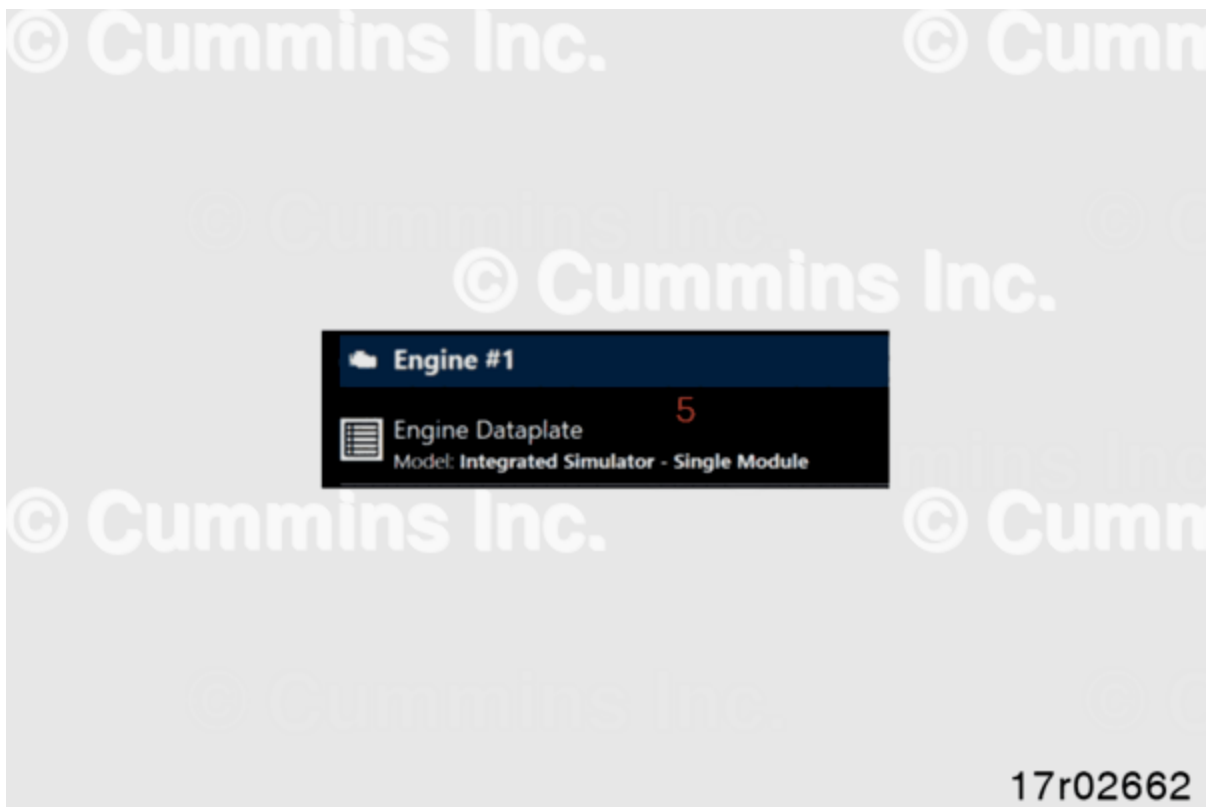


Figure 3

5. The calibration that is installed on the equipment can be found in “Engine Dataplate” prior to installing a new calibration.

#### **Fault Code Handler Workaround**



Figure 4

6. Connect

7. Select "Analyze Equipment"

8. If needed, select "Create ECM Image" in the new screen that opens.

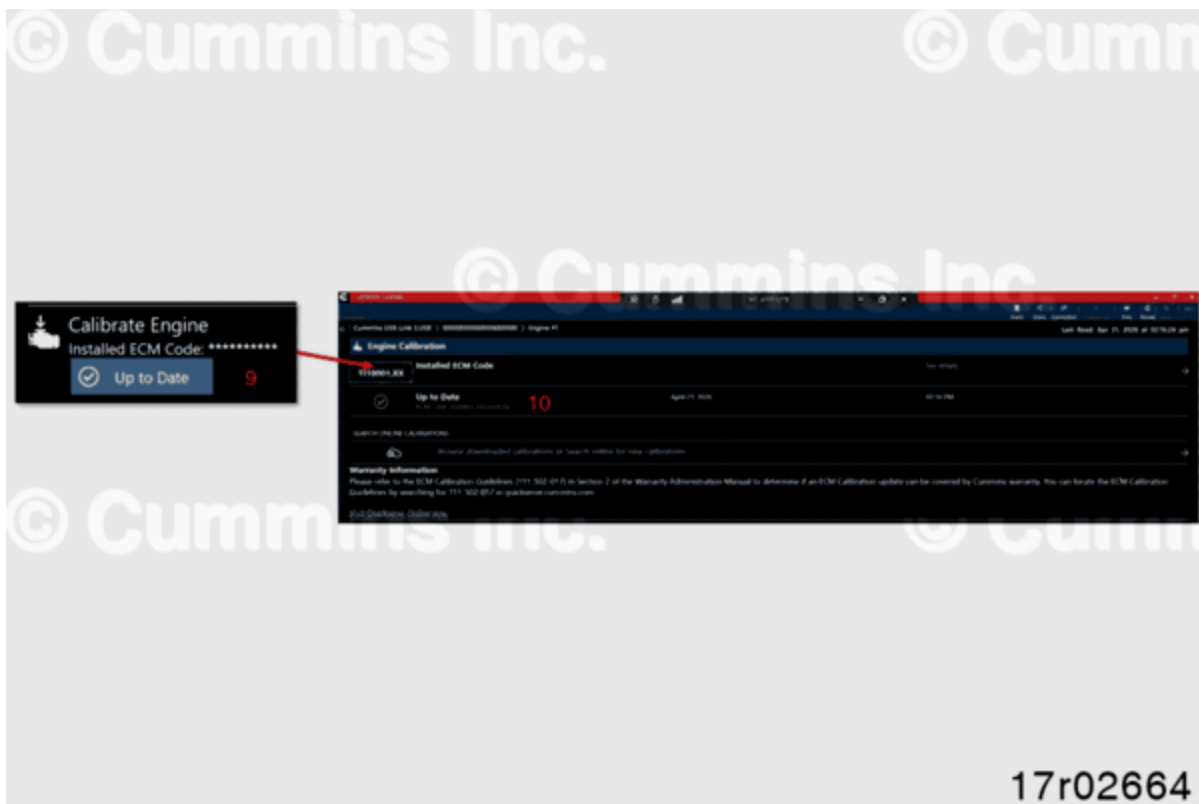


Figure 5

9. Navigate to "Calibrate Engine" and download the latest version of the calibration.
  10. Click through the prompts to key off and on and timer, but DO NOT actually turn the key switch to off and on.
- Screen will say "ECM Code Installed Successfully".

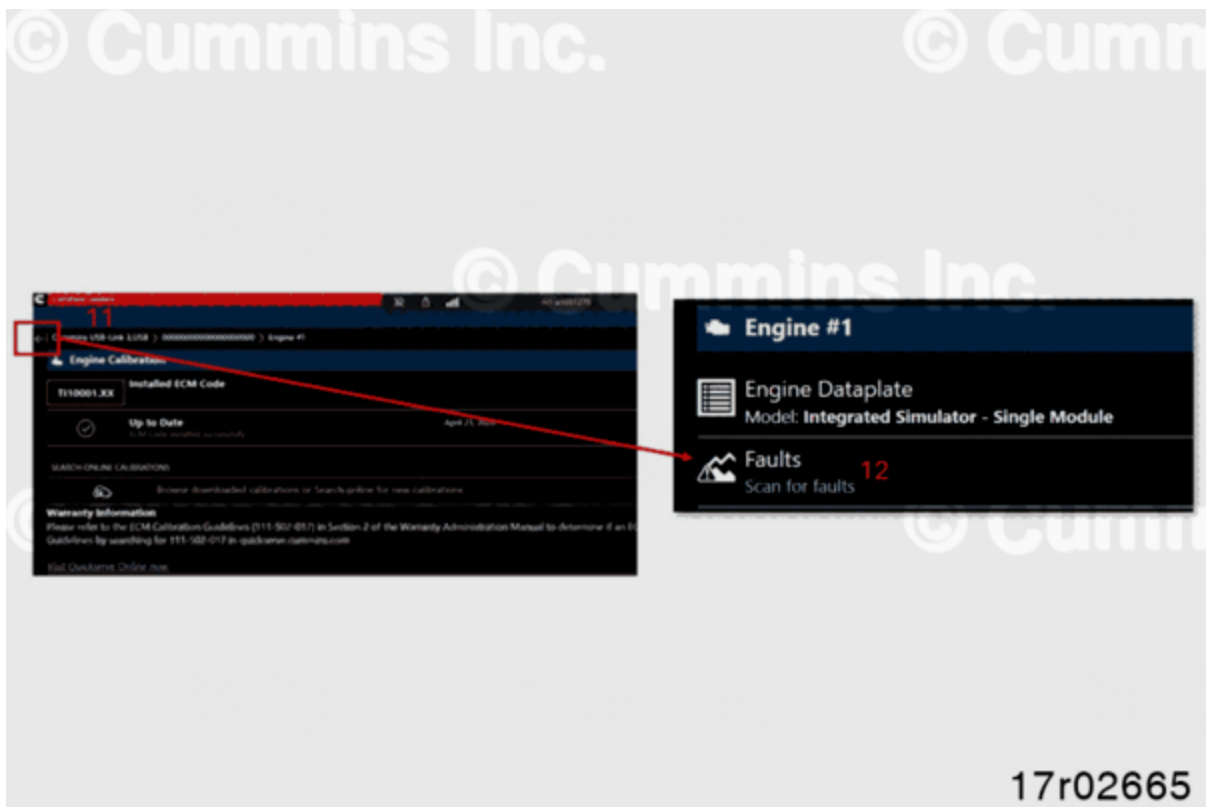


Figure 6

11. Select the back arrow

12. Navigate to "Faults" on the previous screen

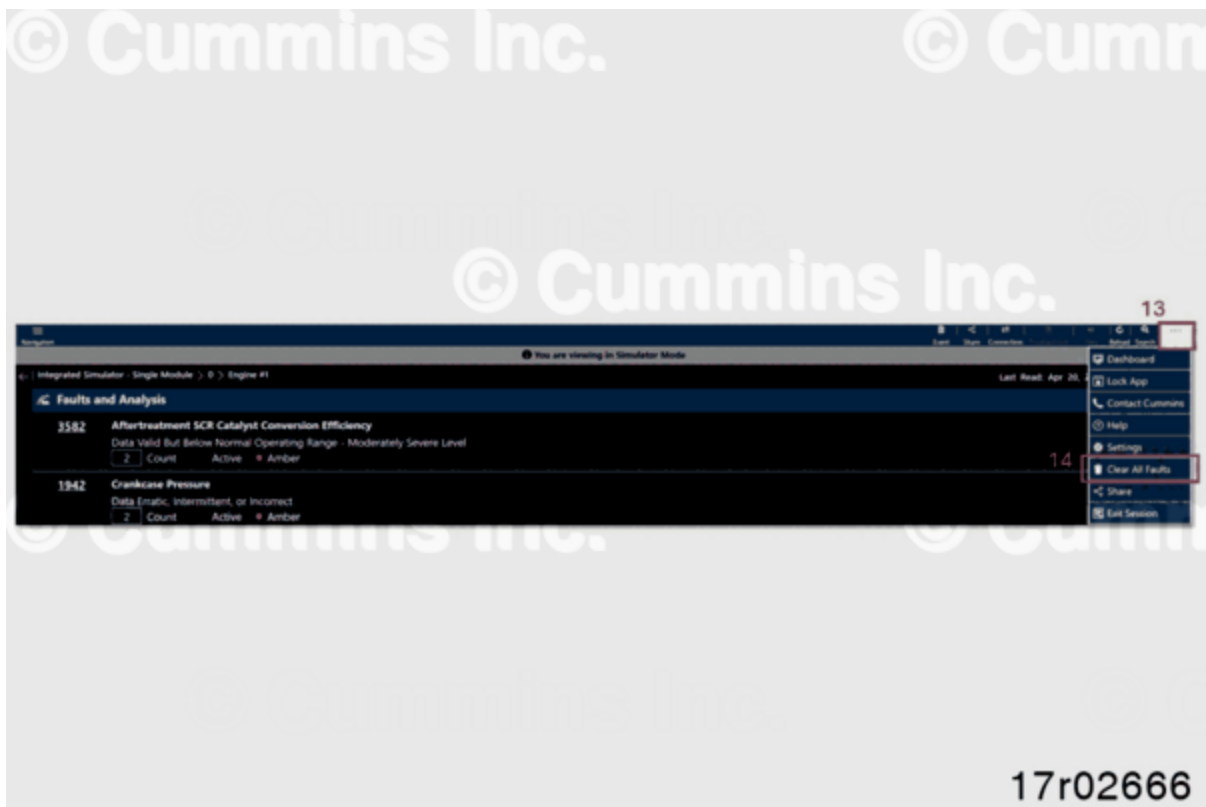


Figure 7

13. Select the three dots icon in the top right corner

14. Select and perform the “Clear All Faults”

15. IMPORTANT: After clearing all faults, DTK will prompt the user to cycle the key switch. User needs to Key Off and wait five minutes to completely power down the ECM.

16. User can then turn the key switch back on. The fault code handler will now be operating properly.

## Document History

| Date      | Details                |
|-----------|------------------------|
| 2026-5-29 | Module Created         |
| 2026-6-23 | Corrected misspelling. |