



## **TECH TIP**

# **CUMMINS ECU CALIBRATION AND MISSING HINO SET PARAMETERS**

**GROUP: 0-GENERAL  
TECH TIP NO: 23-020  
DATE: 5-15-23**

**SUBJECT VEHICLES:** Certain 2022-Current Model Year L-Series Trucks Equipped with a Cummins B6.7 Engine.

**Note:** This tech tip is provided as technical information and is not authorization for a warrantable repair.

## **OVERVIEW:**

After a re-calibration of a Cummins Engine ECU, DTC **2222 Fuel Level (Main Tank) Sensor Circuit - Voltage Above Normal or Shorted to High Source** may set in the engine ECU. This is likely the result of a re-calibration event where the **Save / Restore Adjustable Parameters** selection was not checked during the re-calibration using Cummins INSITE.

## **IMPORTANT**

- Reference Cummins Training Course ID **1398 INSITE Programming** located in Cummins QuickServe Online prior to any re-calibration.
- Only perform a Cummins Engine ECU re-calibration under the following conditions (per Cummins):
  1. When requested by a Cummins Service Engineer
  2. When mandated by a Cummins Engineering Bulletin
  3. When a Fault Code indicates that a re-calibration is required



1. Prior to any Cummins ECU re-calibration, it is important to create a template in INSITE of the engine ECU, this can be referenced later in the event the Hino Adjustable Parameters are lost. Reference Cummins training and QuickServe Online to learn how to create a template.

2. To avoid loss of Hino Set Parameters during a Cummins ECU re-calibration, it is important to select **Save / Restore Adjustable Parameters** shown in the screen below. Once selected, proceed with re-calibration by following Cummins INSITE instructions.

ECM Calibration Download Wizard



### System ID and Dataplate

Verify and/or modify the System ID and Dataplate information



|                                 |              |
|---------------------------------|--------------|
| [-] CM245QA [0]                 |              |
| [-] Aftertreatment Information  |              |
| [-] Calibration Information     |              |
| [-] Calibration Software Phase  | 19461710     |
| [-] Calibration Time/Date Stamp | 071522173919 |
| [-] DO Option                   | 23138        |
| [-] ECM Code                    | LS10897.01   |
| [-] Other Options               |              |
| [-] SC Option                   | 81306        |

Save / Restore Adjustable Parameters

Restore Original Values

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Cancel

Help

