



**IMPORTANT SERVICE
INFORMATION FOR:**

- ✓ SERVICE MANAGER
- ✓ SERVICE ADVISOR
- ✓ TECHNICIAN
- ✓ PARTS DEPARTMENT
- ✓ WARRANTY PERSONNEL

BULLETIN NUMBER:

SB24-J-001

ISSUE DATE:

JULY 2024

GROUP:

ENGINE

DTC 3243 - REPROGRAM ENGINE CONTROL MODULE (ECM)

AFFECTED VEHICLES

- 2022 – 2024MY Isuzu F-Series
With a vehicle production date prior to 5/22/2024

CONDITION

The vehicle's Check Engine Malfunction Indicator Lamp (MIL) may be illuminated as a result of the engine fan clutch being constantly engaged while the engine is running, thereby setting a DTC 3243 in the Engine Control Module (ECM). Follow the published diagnostic in the applicable Workshop Manual (WSM) DTC 3243. **If no fault can be found during this normal diagnosis, follow the Service Procedure in this bulletin to correct the concern.**

SERVICE PROCEDURE

1. Contact the local Cummins Certified Service location to have the ECM reprogrammed per the procedure below.
 - a. If you (the Isuzu dealer) are also a Cummins Certified Service location, this procedure should be performed at your location, as you are the closest Cummins Certified Service location.
 - b. If you (the Isuzu dealer) are not a Cummins Certified Service location, you should arrange to have this procedure performed at the closest Cummins Certified Service location; you can find the closest Cummins Certified Service location on the web at <https://www.cummins.com/locations>.
2. Provide the "Procedure" section of this bulletin to the Cummins location to have a Cummins trained technician reprogram the ECM with the correct Air Conditioning Pressure Switch setting using the Cummins INSITE tool.

PROCEDURE (to be performed by a Cummins Certified Service location using INSITE)

3. Using the Cummins INSITE tool (version 9.0.0.94 or later), from the Main Screen select **Connect to ECM** to establish communication with ECU, and then select **Connect**. (See Figure 1.)

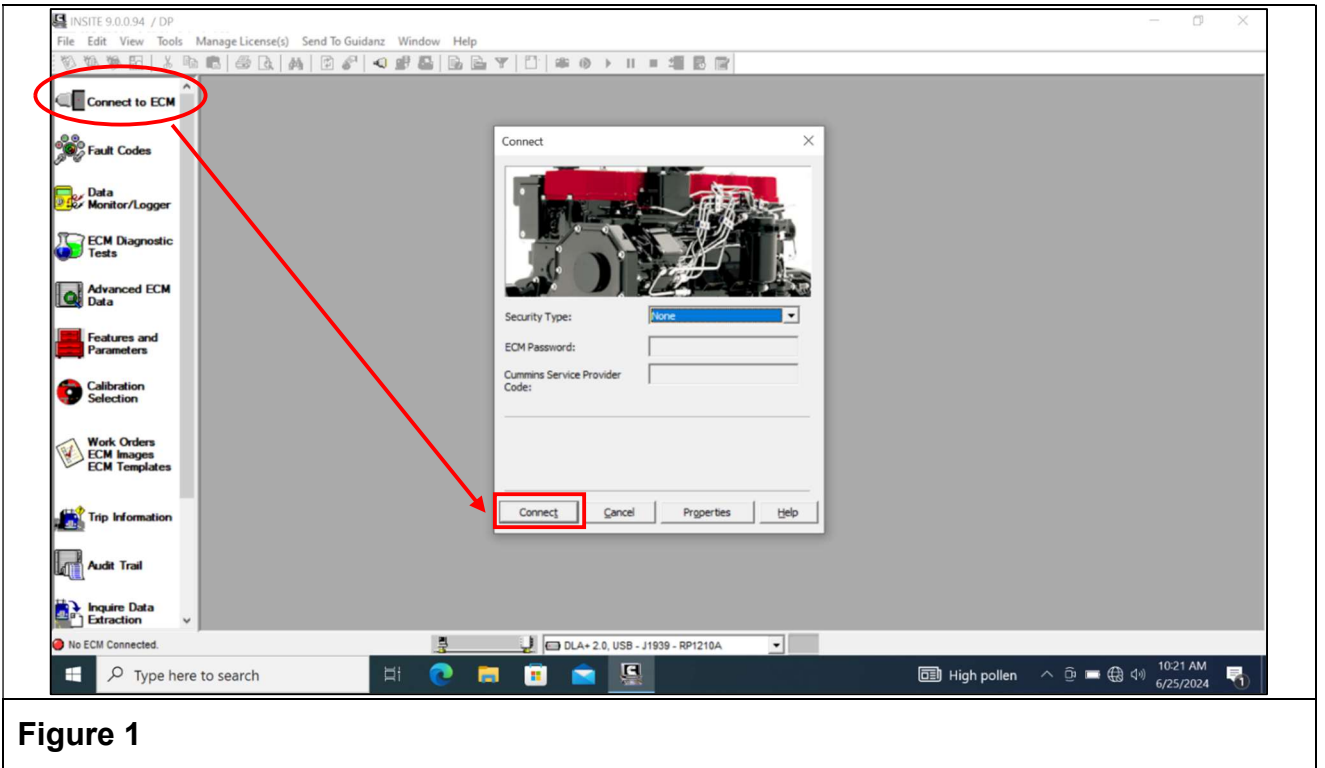


Figure 1

4. Select **Features and Parameters**. (See Figure 2.)

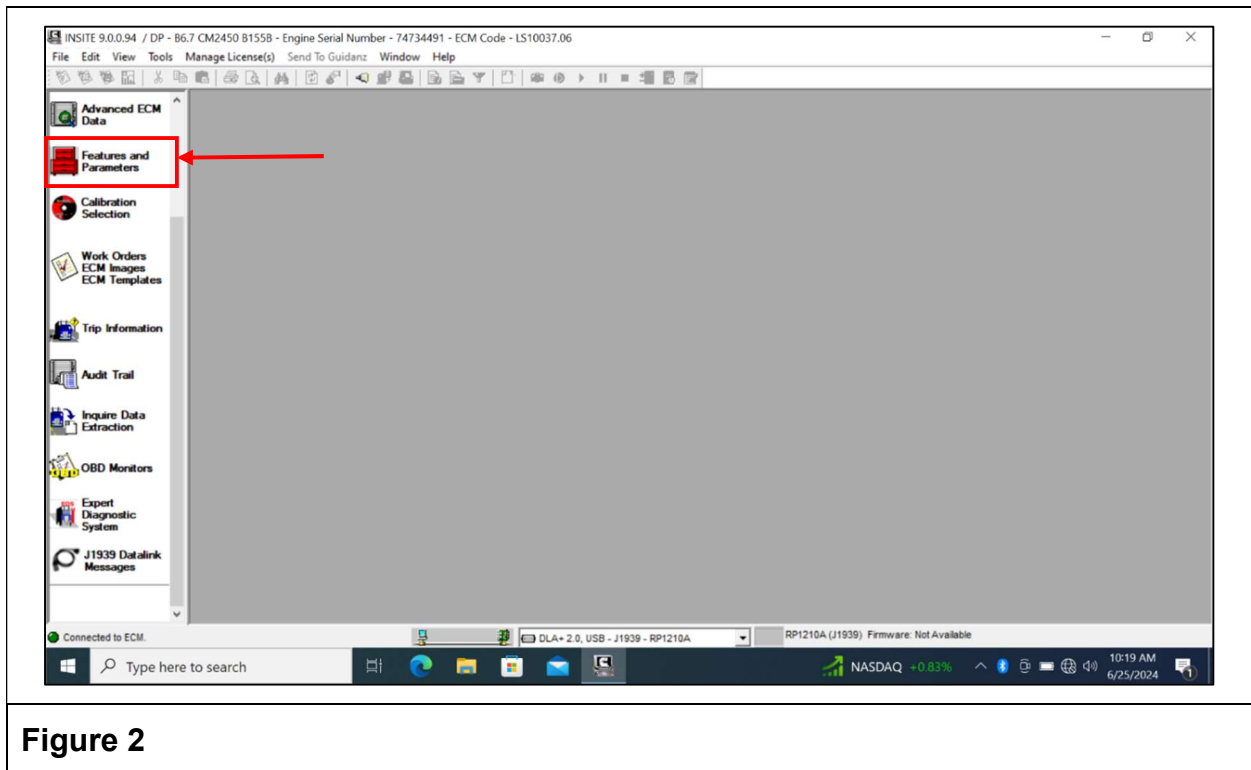


Figure 2

5. Select **Fan Control**. (See Figure 3.)

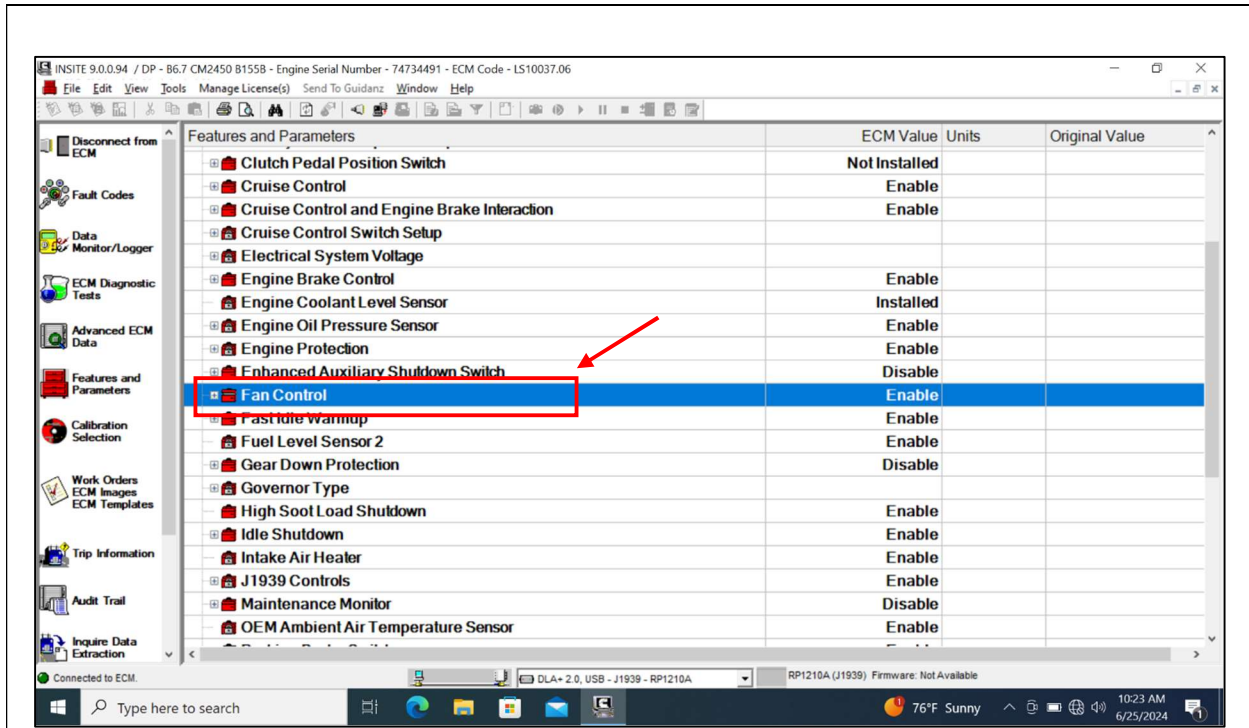


Figure 3

6. Select **Air Conditioning Pressure Switch Input**. (See Figure 4.)

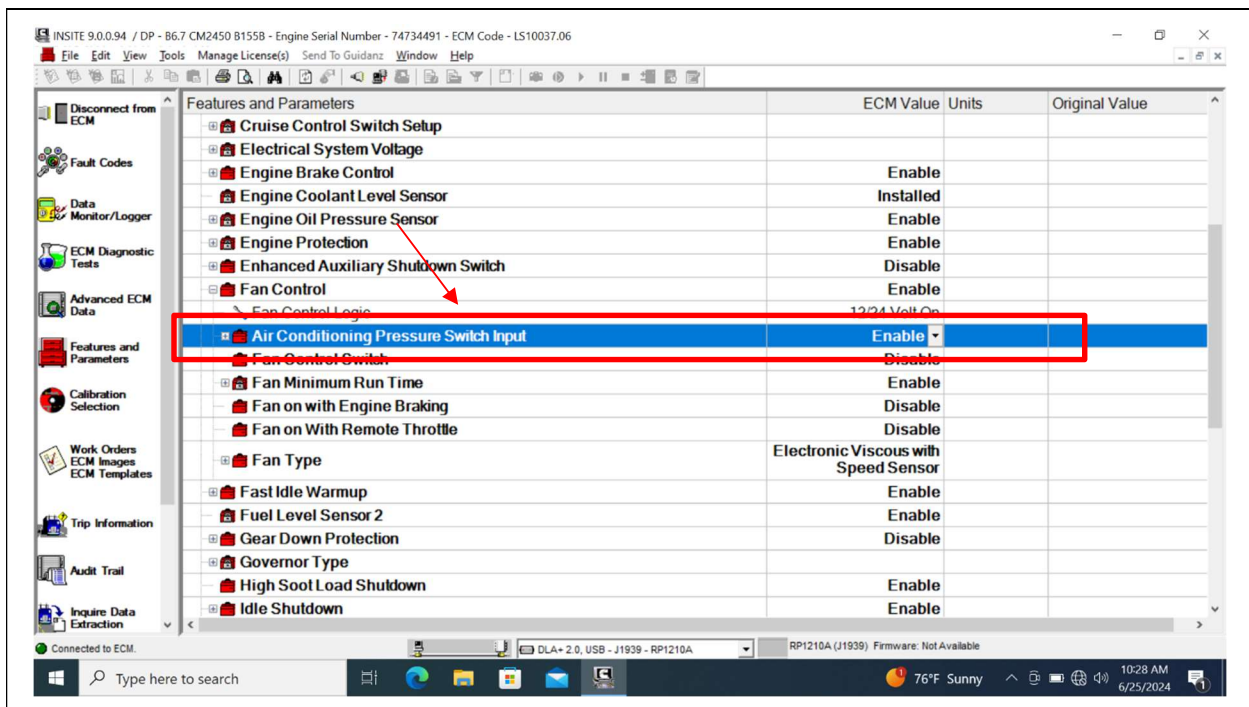


Figure 4

7. Select **Disable** for Air Conditioning Pressure Switch Input at the drop-down menu. (See Figure 5.)

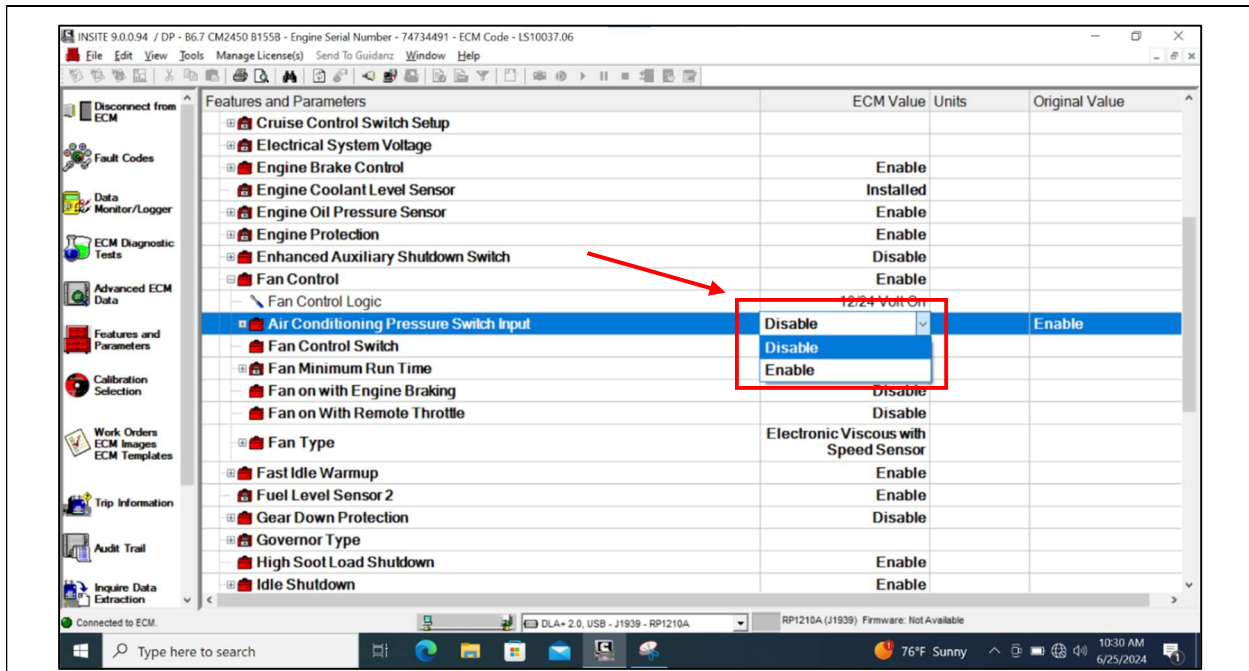


Figure 5

8. Select **FILE** and select **Send to ECM**. Select **OK** from the Confirm ECM Adjustment pop up. (See Figure 6.)

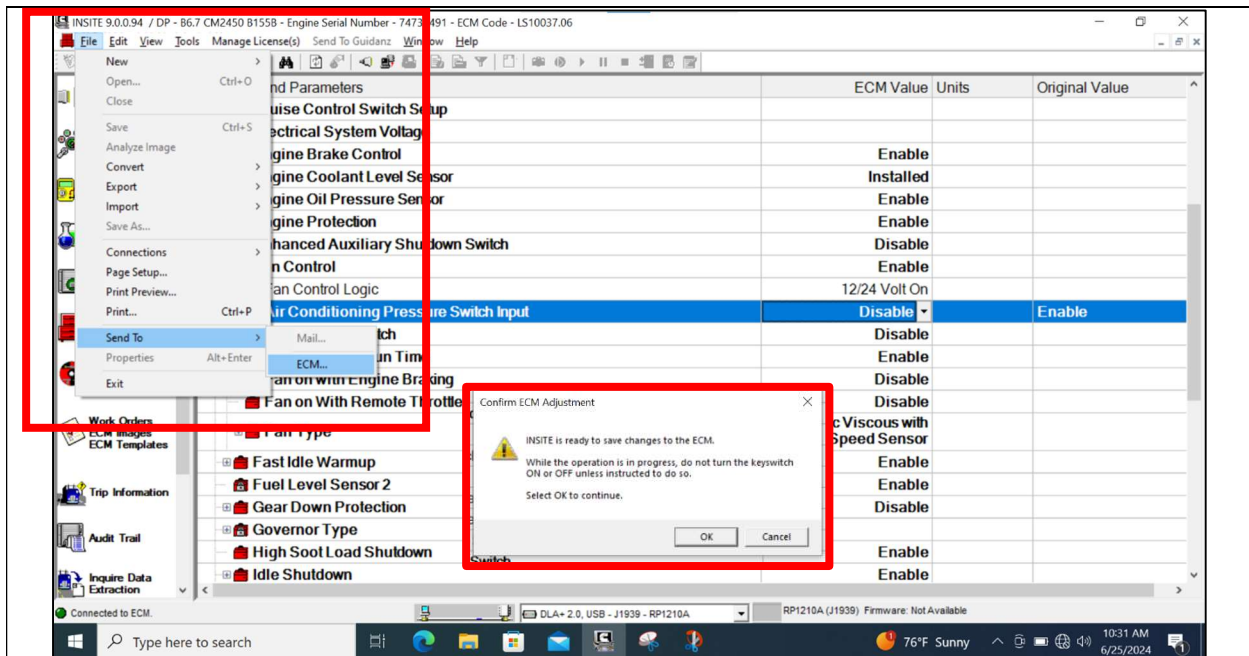


Figure 6

9. Follow the following Cummins INSITE instructions to complete download.
 - a. Key switch off, then click OK.
 - b. Wait 100 seconds.
 - c. Key switch on, then click OK.

10. Confirm all parameters were written successfully. (See Figure 7.)

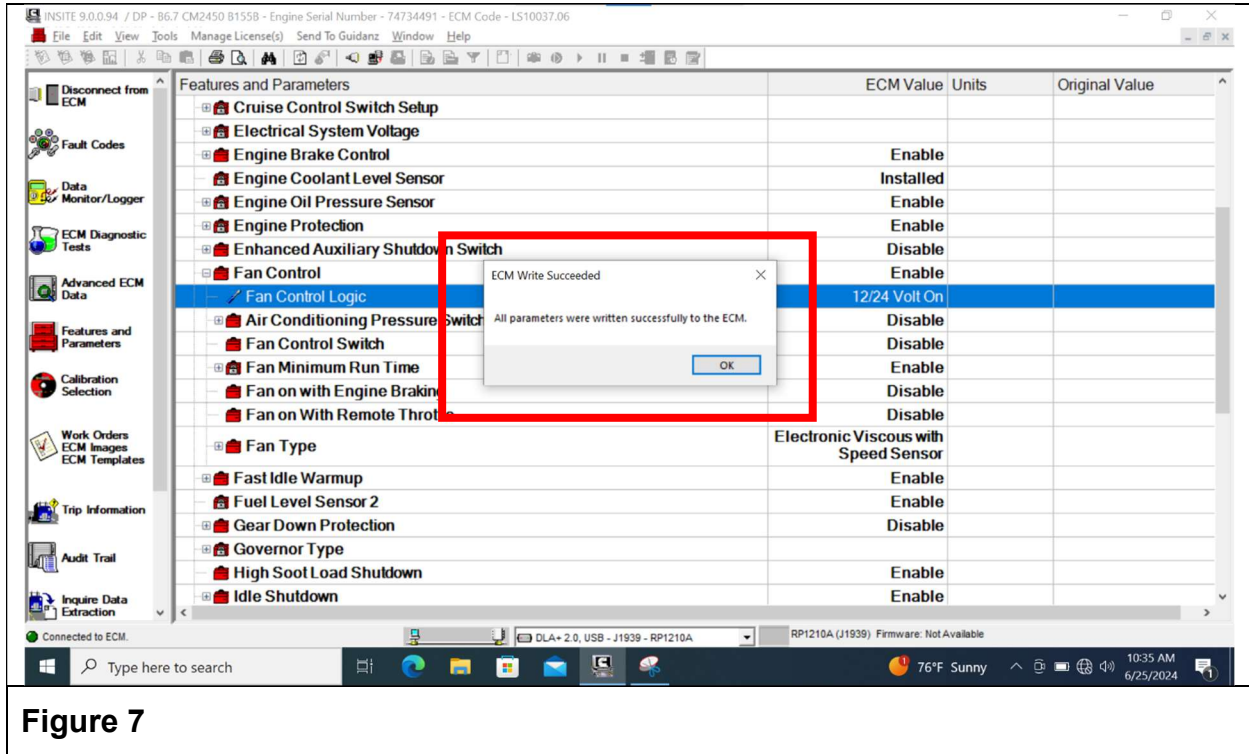


Figure 7

WARRANTY INFORMATION

For vehicles repaired under warranty, use:

Labor Code	Description	Labor Hours	Sublet
J8017	ECM REPROGRAM P3243 Fan Control	0.4*	Cummins Service Repair Cost

**Includes 0.1 hours for diagnostic and coordination with Certified Cummins Repair location.*