



# VOLUNTARY RECALL CAMPAIGN

Classification: EC24-016	Reference: NTB24-062	Date: January 30, 2025
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## VOLUNTARY EMISSIONS RECALL CAMPAIGN 2018-2019 TITAN DIESEL; PM SENSOR ECM REPROGRAM

**CAMPAIGN ID #:** PD129  
**APPLIED VEHICLES:** 2018-2019 Titan XD (A61)  
**APPLIED ENGINES:** Cummins 5.0L Diesel

**Check Service COMM or Dealer Business Systems (DBS)  
National Service History to confirm campaign eligibility.**

### INTRODUCTION

Nissan is conducting this voluntary emissions recall campaign on certain specific model year 2018-2019 Titan XD vehicles equipped with a diesel engine, to reprogram the Engine Control Module (ECM). This service will be performed at no charge to the customer for parts or labor.

### IDENTIFICATION NUMBER

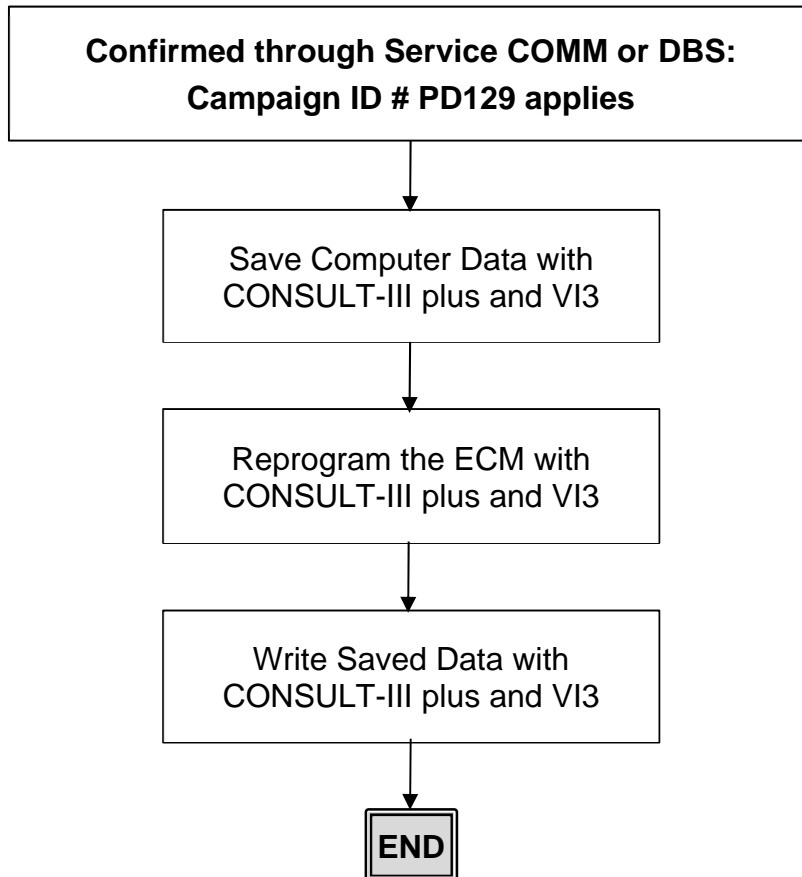
Nissan has assigned identification number PD129 to this campaign. This number must appear on all communication and documentation of any nature dealing with this campaign.

### DEALER RESPONSIBILITY

It is the dealer's responsibility to check Service COMM or Dealer Business Systems (DBS) National Service History for the campaign status on each vehicle falling within the range of this voluntary emissions recall which for any reason enters the service department. This includes vehicles purchased from private parties or presented by transient (tourist) owners and vehicles in a dealer's inventory. **Federal law requires that new vehicles in dealer inventory which are the subject of a safety recall must be corrected prior to sale. Failure to do so can result in civil penalties by the National Highway Traffic Safety Administration.** While federal law applies only to new vehicles, Nissan strongly encourages dealers to correct any used vehicles in their inventory before they are retailed.

Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. **NOTE:** If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

## REPAIR OVERVIEW





## SERVICE PROCEDURE

**IMPORTANT:** Before starting, make sure:

- ASSIST on the CONSULT PC has been synchronized (updated) to the current date.
- All CONSULT-III plus software updates (if any) have been installed.

### Save Computer Data

1. Confirm that the CONSULT PC is connected to Wi-Fi.
2. Connect the Vehicle Interface **(VI3)** to the vehicle.
  - Connect the provided USB cable to the VI3 and the CONSULT PC.

#### **NOTICE**

To prevent insufficient or unstable WIFI connections and potential damage to the ECM during the reprogram procedure, ensure to use the USB cable between the VI3 and the CONSULT PC.

3. Turn the ignition ON with the engine OFF (engine not running).
4. Start CONSULT-III plus (C-III plus) on the CONSULT PC.
5. If prompted, select **USA/CANADA Dealers** from the drop-down menu, and then select **OK**.
6. Login using your NNAnet credentials.

**IMPORTANT:** If not prompted to enter your username and password, the CONSULT PC may not be connected to Wi-Fi. Close C-III plus, confirm the CONSULT PC is connected to Wi-Fi, and then reopen C-III plus.

7. Wait for the VI3 to be recognized.
  - The serial number will be displayed when the VI3 is recognized.
8. Select **Diagnosis (One System)**.

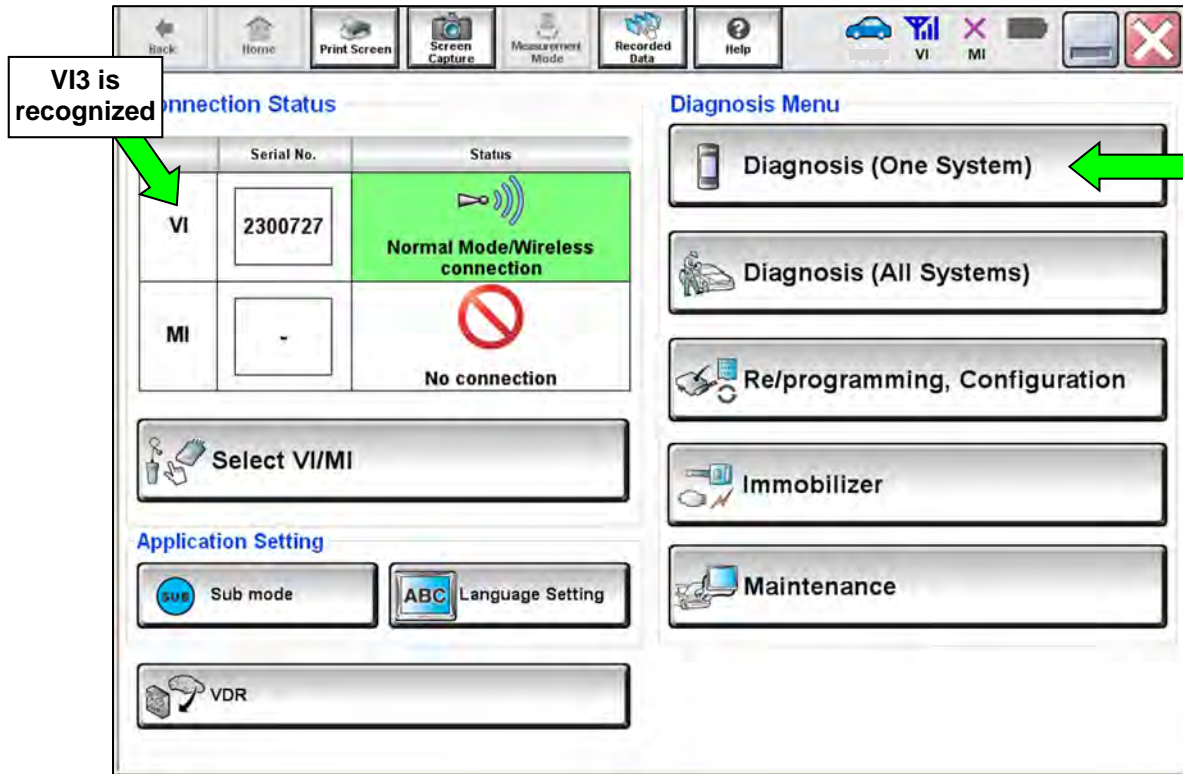


Figure 3

9. Navigate C-III plus to **ENGINE > Work support** (Figure 4).
10. Select **SAVE COMPUTER DATA**.
11. Select **Start**.
  - After selecting **Start**, a screen message may appear that says: “Latest diagnostic tool update must be used before saving the data, otherwise there is a risk that the data entry will not work”.
    - If the message above appears, select **Continue**.

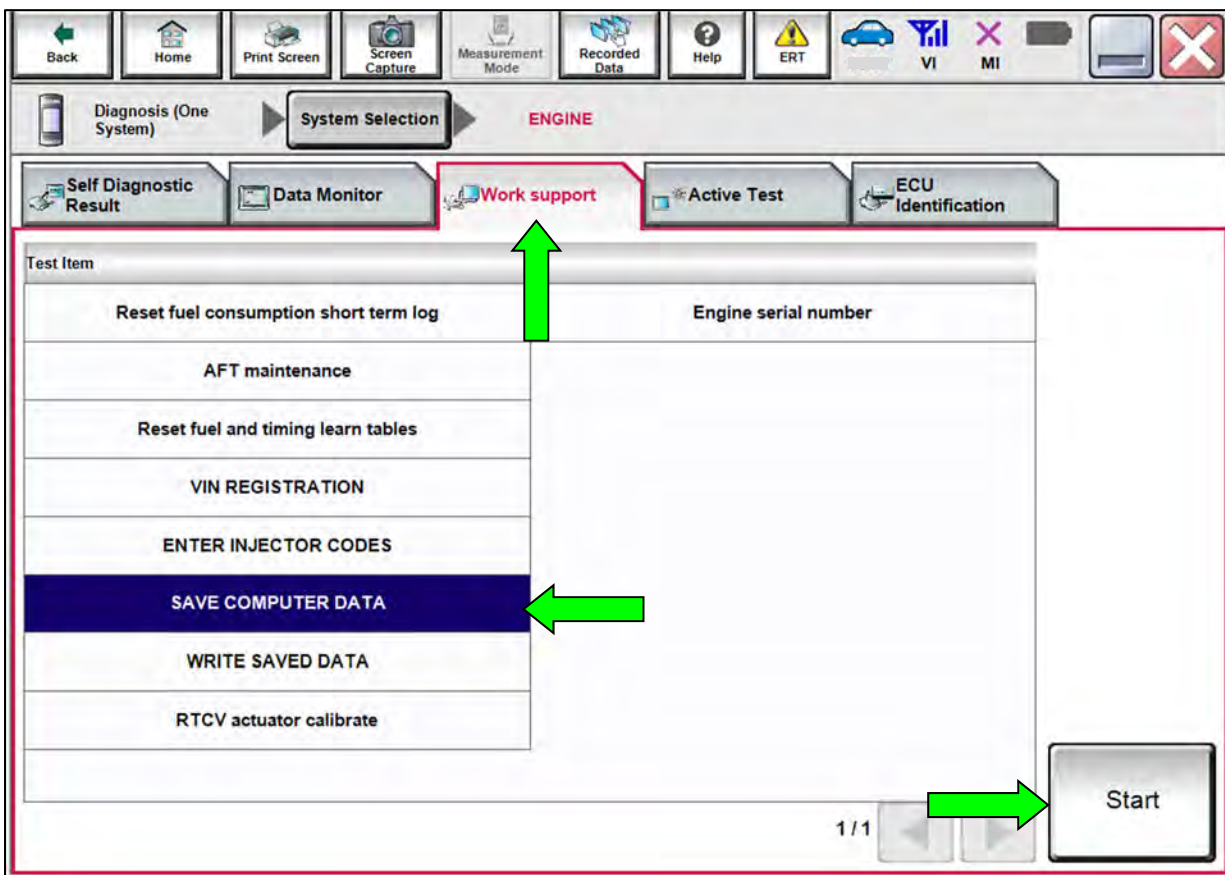


Figure 4

12. Confirm the ignition is ON with the engine OFF (engine not running).

13. Select **Confirm**.

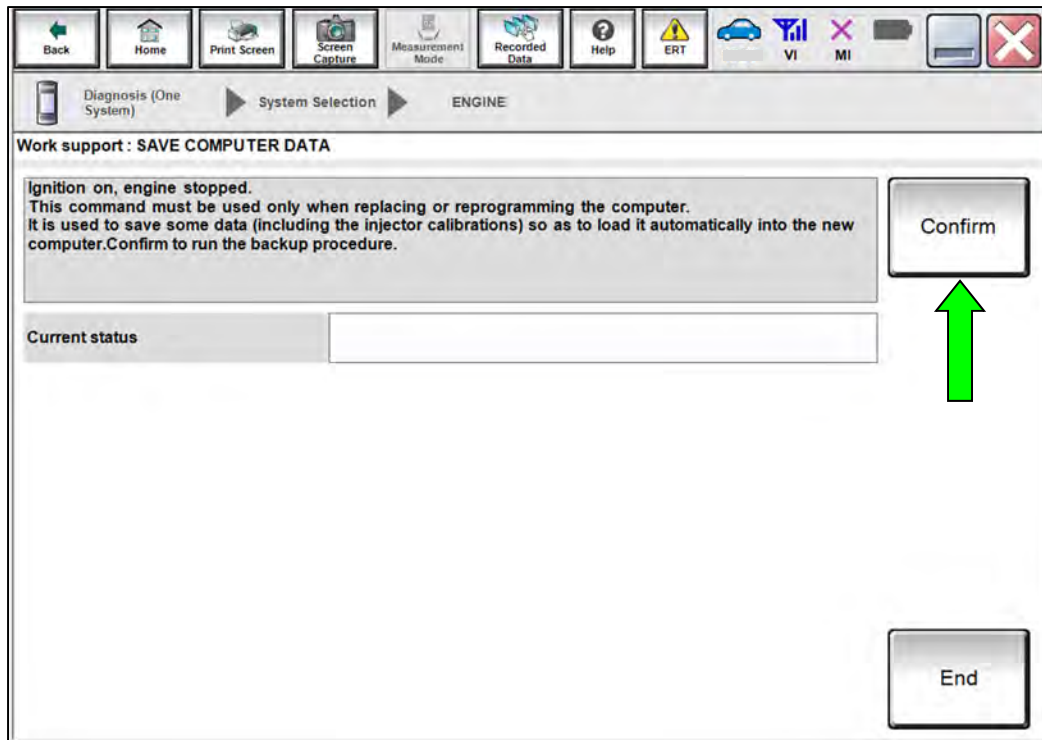


Figure 5

14. Select **End**.

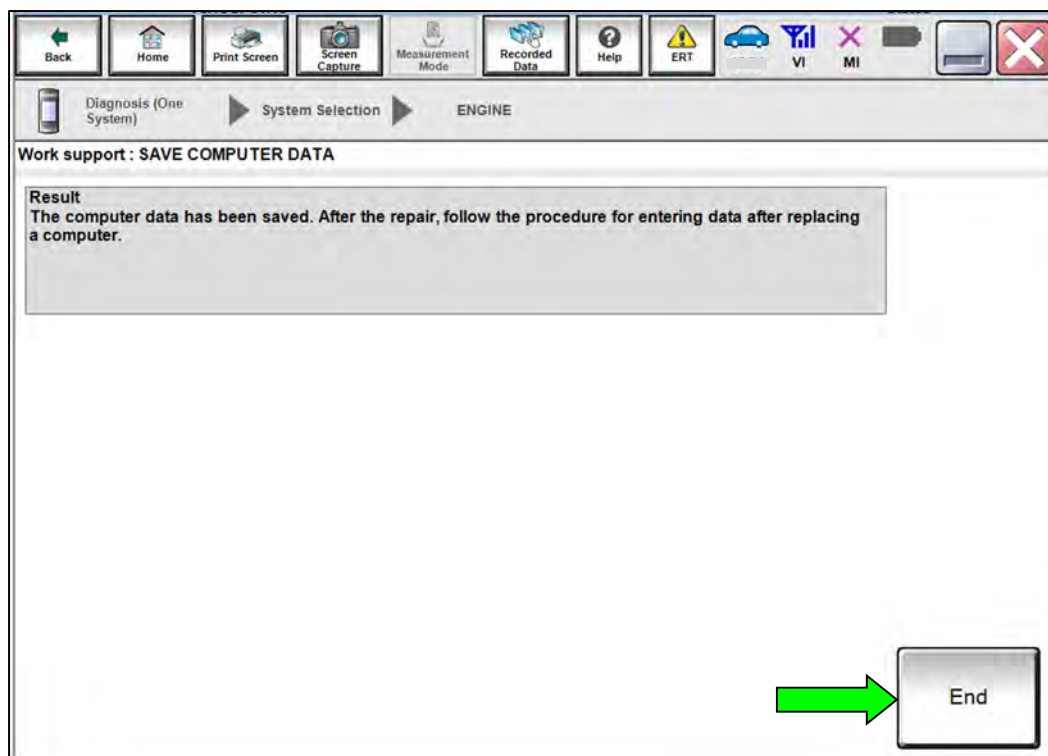


Figure 6

## Reprogram ECM

### HINT:

- Most instructions for reprogramming with CONSULT-III plus (C-III plus) are displayed on the CONSULT PC screen.
- If you are not familiar with the reprogramming procedure, [click here](#). This will link you to the "CONSULT-III PLUS REPROGRAMMING FOR ENGINE OR TRANSMISSION CONTROL MODULE (ECM OR TCM)" general procedure.
- For the Titan XD Diesel, the GR8 set to ECM power supply mode can be attached to either 12 volt battery.

### NOTICE

Perform the following before starting the reprogramming procedure to prevent damage to the control unit.

- Connect the AC Adapter to the CONSULT PC.
- Connect the CONSULT PC to the VI3 via USB cable.
- Ensure ASIST on the CONSULT PC has been synchronized (updated) to the current date and all CONSULT software updates (if any) have been installed.

### HINT:

- When reprogramming is complete, you will be required to perform **DTC Erase**.
- Turn OFF all external Bluetooth® devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the VI3. If Bluetooth® signal waves are within range of the CONSULT PC or VI3 during reprogramming, the reprogramming may be interrupted.
- Turn the hazard warning lamps ON.
  - Turn OFF all other vehicle electrical loads such as exterior lights, interior lights, HVAC, blower, rear defogger, audio, NAVI, seat heater, steering wheel heater, etc. If electrical loads remain ON, the ECM may be damaged.
- Connect a battery maintainer or smart charger, set to reflash mode or a similar setting, to ensure the battery voltage stays between 12.0 V and 13.5 V.

15. Return to the C-III plus Home screen.
16. Turn the ignition ON with the engine OFF (engine not running).
17. Confirm the plus VI3 is recognized.
  - The **Serial No.** will display when the plus VI3 is recognized.
18. Select **Re/programming, Configuration**.

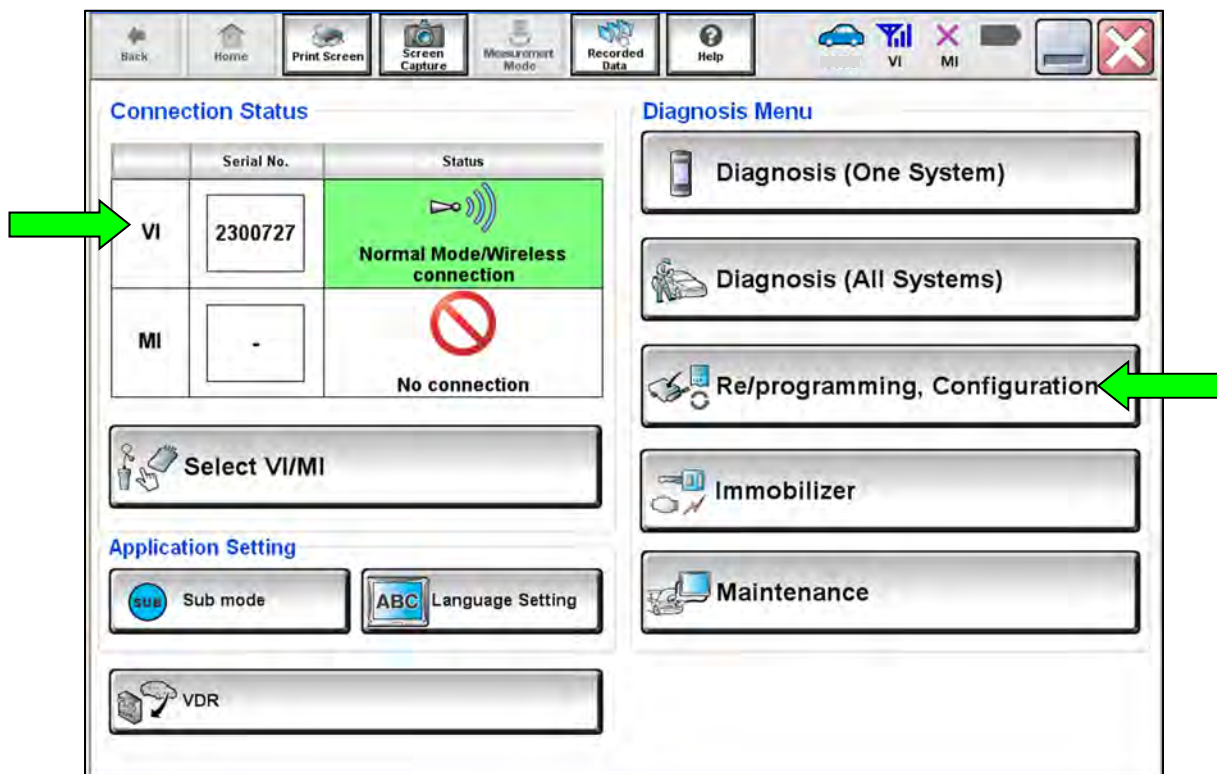


Figure 7

19. When you get to the screen shown in Figure 8, confirm reprogramming applies as follows:

a. Find the ECM **Part Number** and write it on the repair order.

**HINT:** This is the current ECM Part Number (P/N).

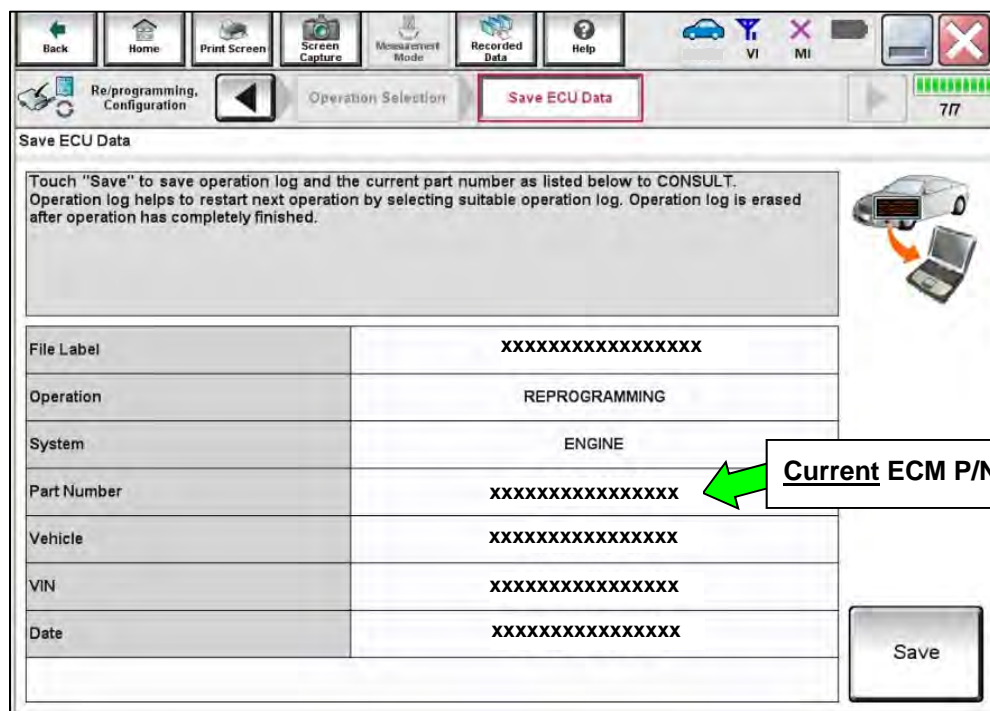


Figure 8

b. Compare the P/N you wrote down to the numbers in the **CURRENT ECM PART NUMBER** column in **Table A** below.

- If there is a match, continue with the reprogramming procedure.
- If there is not a match, reprogramming is not needed; skip to **CLAIMS INFORMATION** on the last page.

Table A

MODEL	CURRENT ECM PART NUMBER: 23710-
2018 Titan XD Cummins Diesel	EZ47C, EZ47D, EZ47E 9FT9A, 9FT9B, 9FT9C
2019 Titan XD Cummins Diesel	9FU5C, 9FU5D

20. Follow the on-screen instructions to navigate C-III plus and reprogram the ECM.

- If the screen in Figure 9 displays, reprogramming is complete. Skip to step 22 on page 14.
- If the screen in Figure 9 does not display (indicating that reprogramming did not complete), continue to step 21 on page 12.

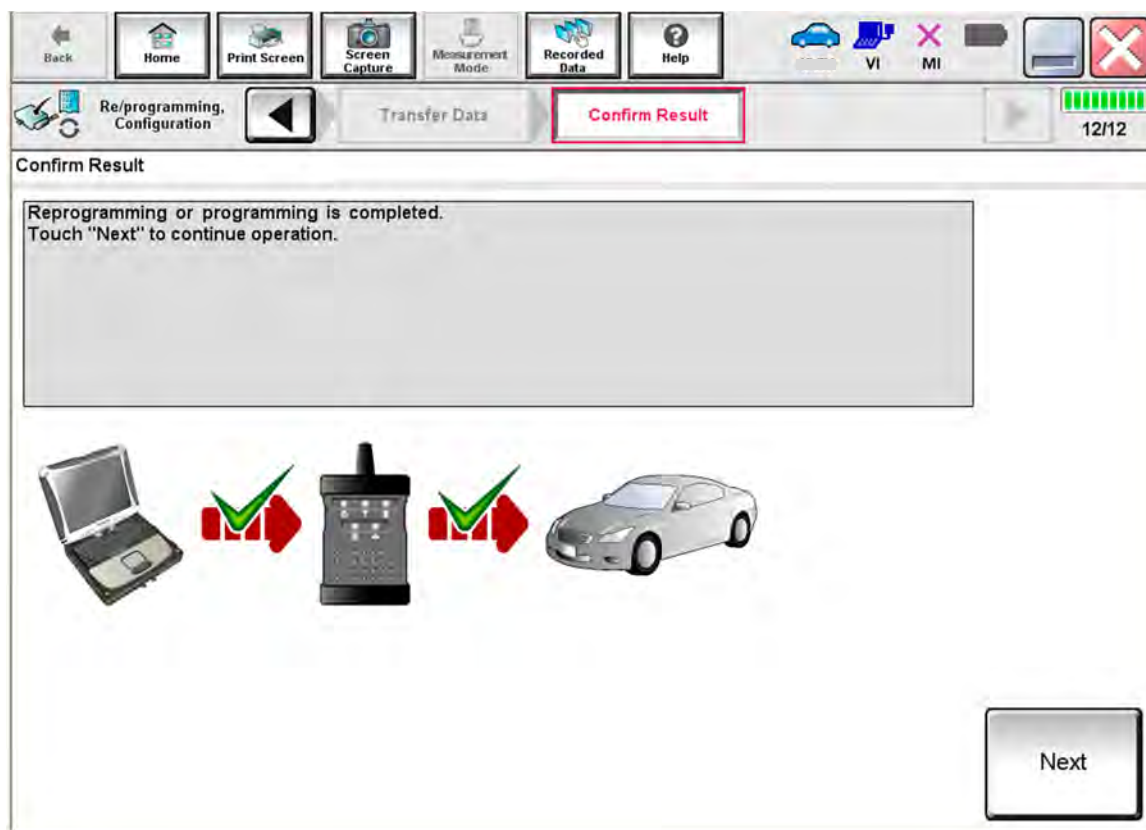


Figure 9

21. Did **Error Code** “15-2-1-No\_Boot\_Mode” shown in Figure 10 display, (indicating that reprogramming did not complete)?

**YES:** Select **Retry**.

- If the same **Error Code** occurs after selecting **Retry**, restart C-III plus and retry reprogramming by continuing the operation log.

**NO:** Refer to **ECM Recovery** on the next page.

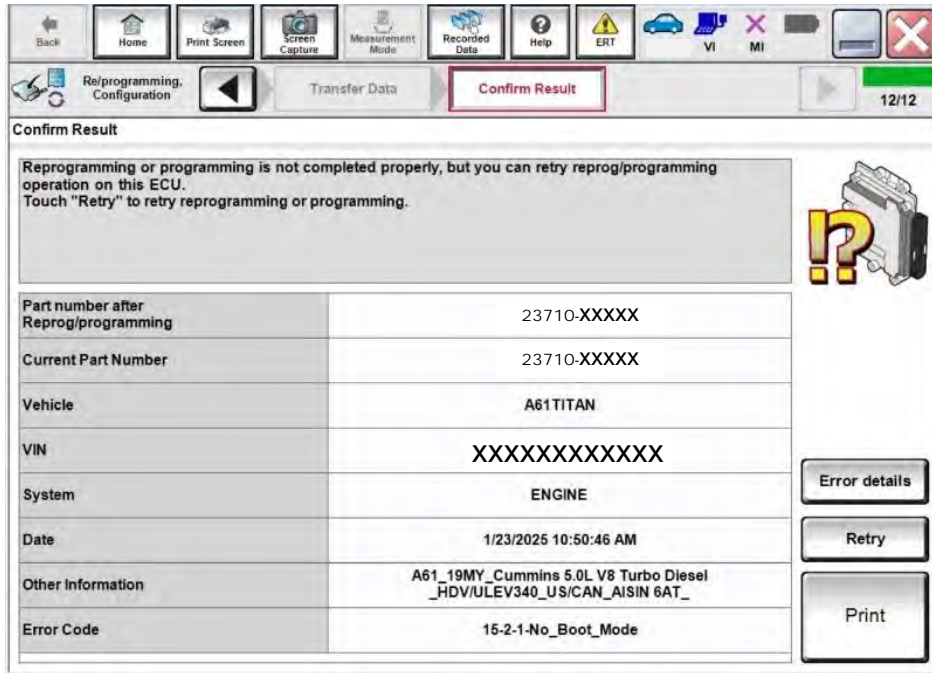


Figure 10

## ECM Recovery

**Do not disconnect the VI3 or shut down C-III plus if reprogramming does not complete.**

If reprogramming does not complete and the “!?” icon displays as shown in Figure 11:

- Check battery voltage (12.0 - 13.5 V).
- Ignition is ON, engine OFF.
- External Bluetooth® devices are OFF.
- All electrical loads are OFF.
- **Select retry and follow the on screen instructions.**
- **“Retry” may not go through on first attempt and can be selected more than once.**

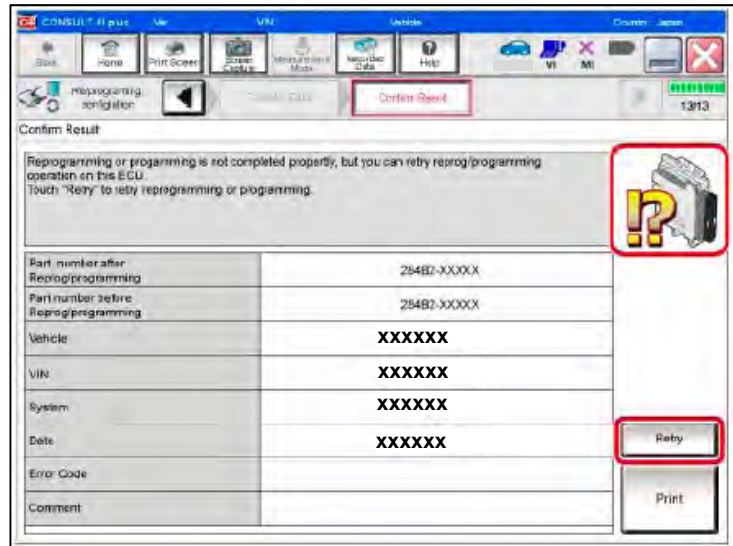


Figure 11

If reprogramming does not complete and the “X” icon displays as shown in Figure 12:

- Check battery voltage (12.0 - 13.5 V).
- CONSULT A/C adapter is plugged in.
- Ignition is ON, engine OFF.
- Transmission is in Park.
- All C-III plus / VI3 cables are securely connected.
- All C-III plus updates are installed.
- **Select Home, and restart the reprogram procedure from the beginning.**

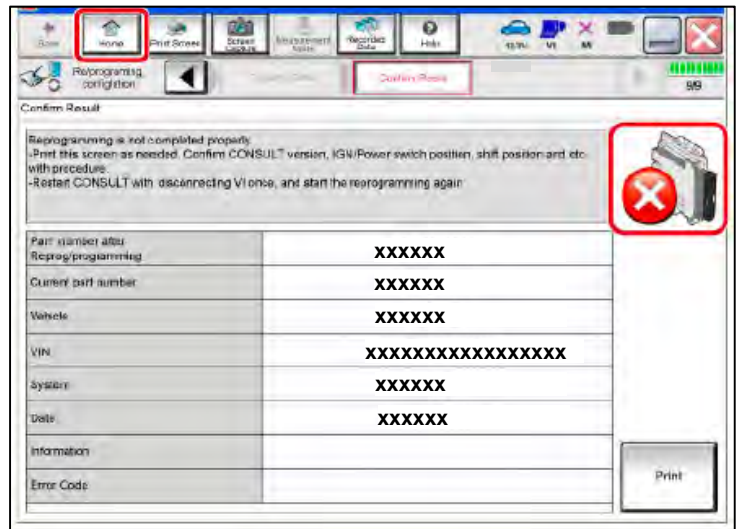


Figure 12

22. Select **Next**.

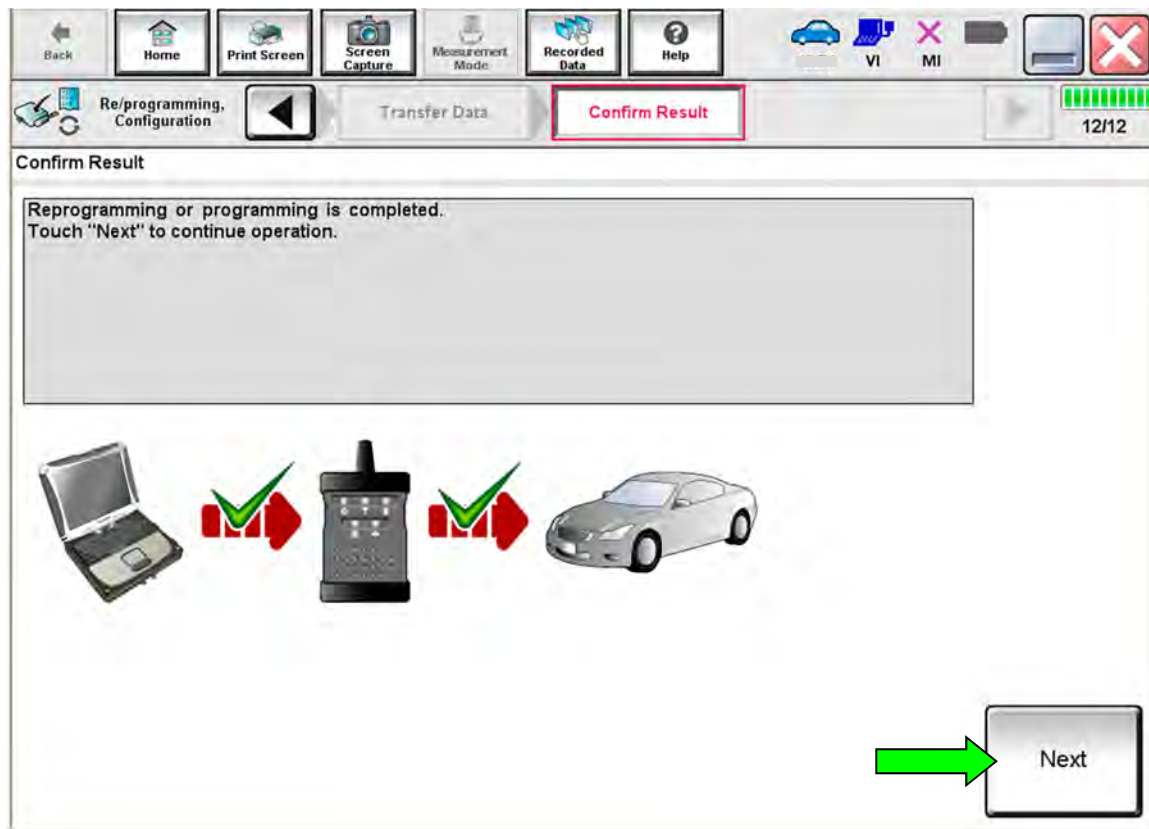


Figure 13

23. Follow the on-screen instructions to **Erase DTCs**.

- DTC erase is required before C-III plus will provide the final reprogramming confirmation report.

24. When the entire reprogramming process is complete, the screen in Figure 14 will display.

25. Verify the before and after part numbers are different.

26. Print a copy of this screen and attach it to the repair order for warranty documentation.

27. Select **Confirm**.

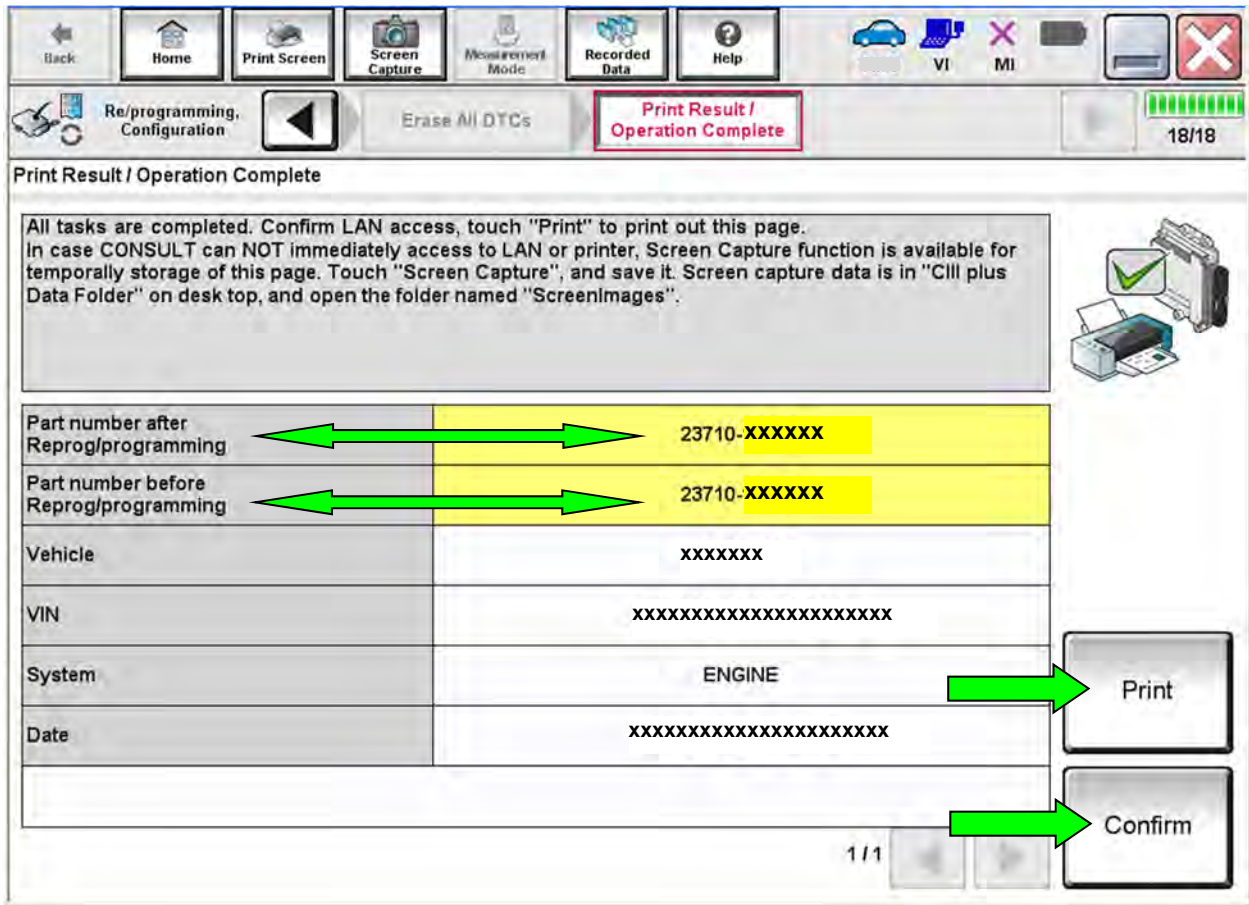


Figure 14

28. Return to the C-III- plus Home screen.
29. Confirm the ignition is ON, with engine OFF.
30. Confirm the VI3 is recognized.
  - The serial number will be displayed when the VI3 is recognized.
31. Select **Diagnosis (One System)**.

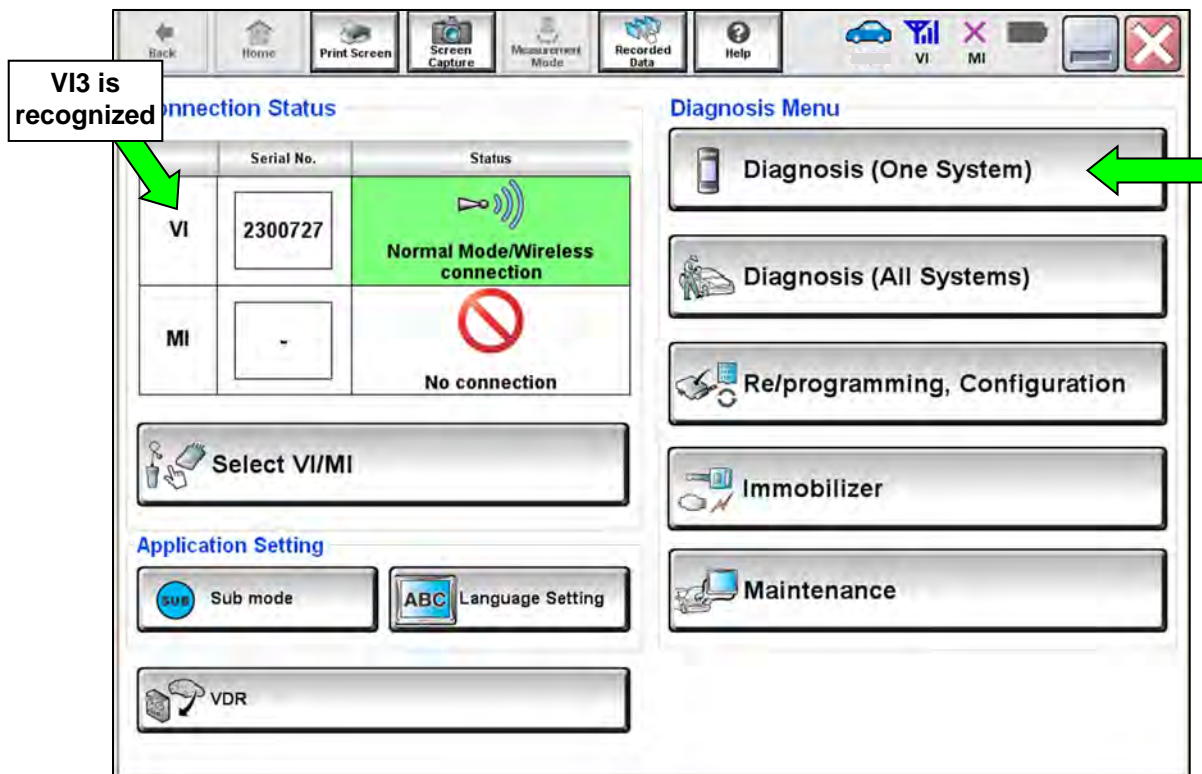


Figure 15

32. Navigate C-III plus to **ENGINE > Work support**.
33. Select **WRITE SAVED DATA**.
34. Select **Start**.

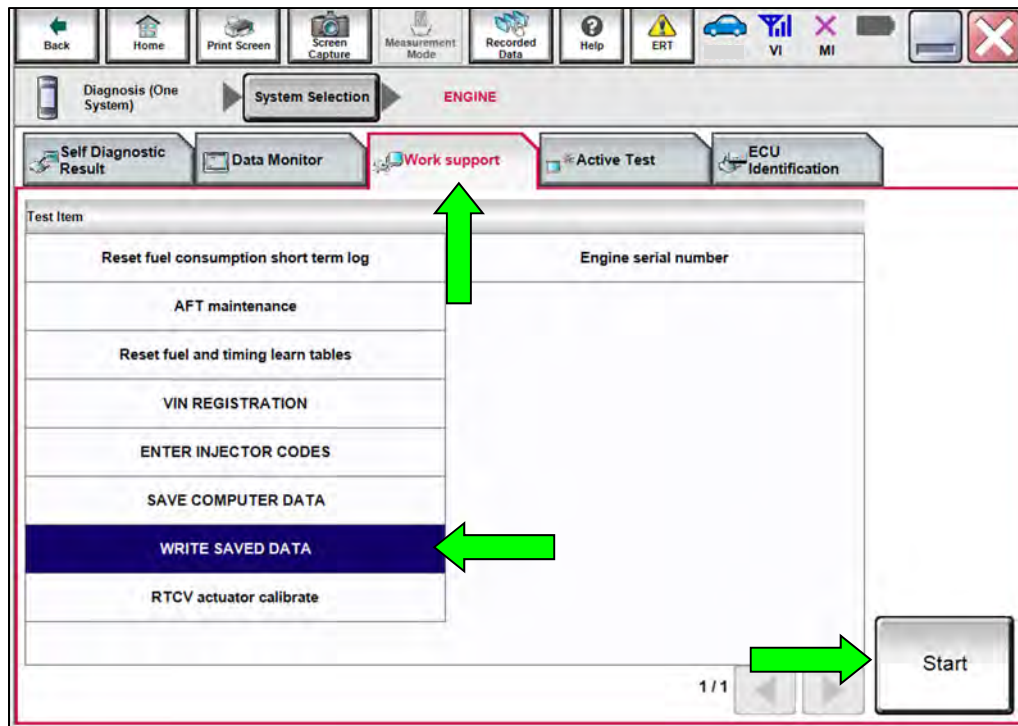


Figure 16

35. Confirm the ignition is ON with the engine OFF (engine not running).

36. Select **Confirm**.

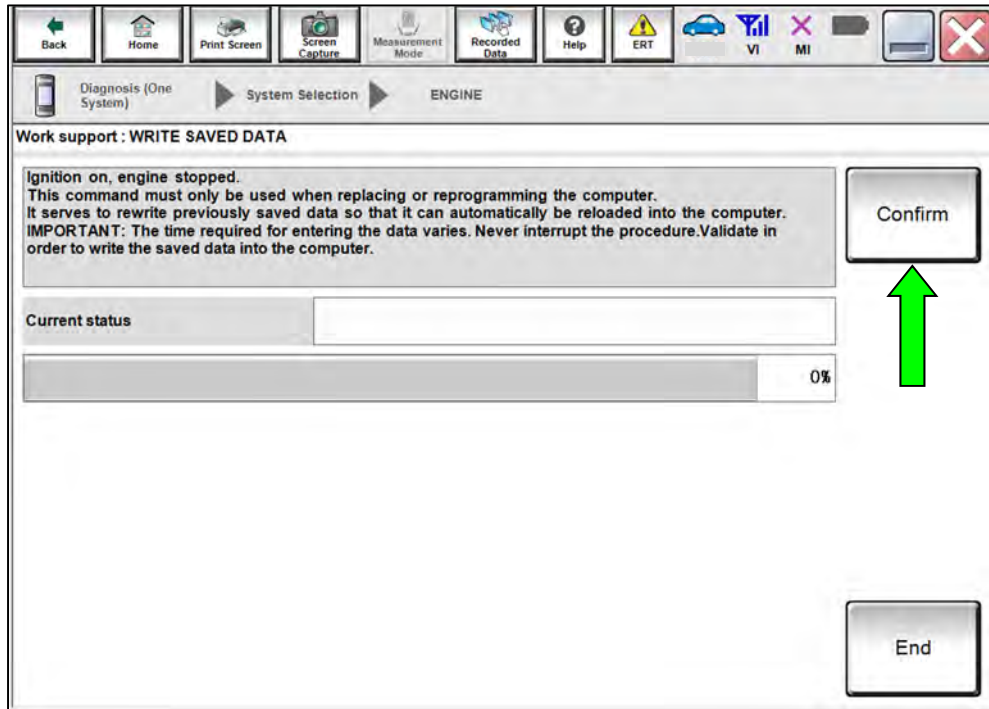


Figure 17

37. Wait for the procedure to complete.

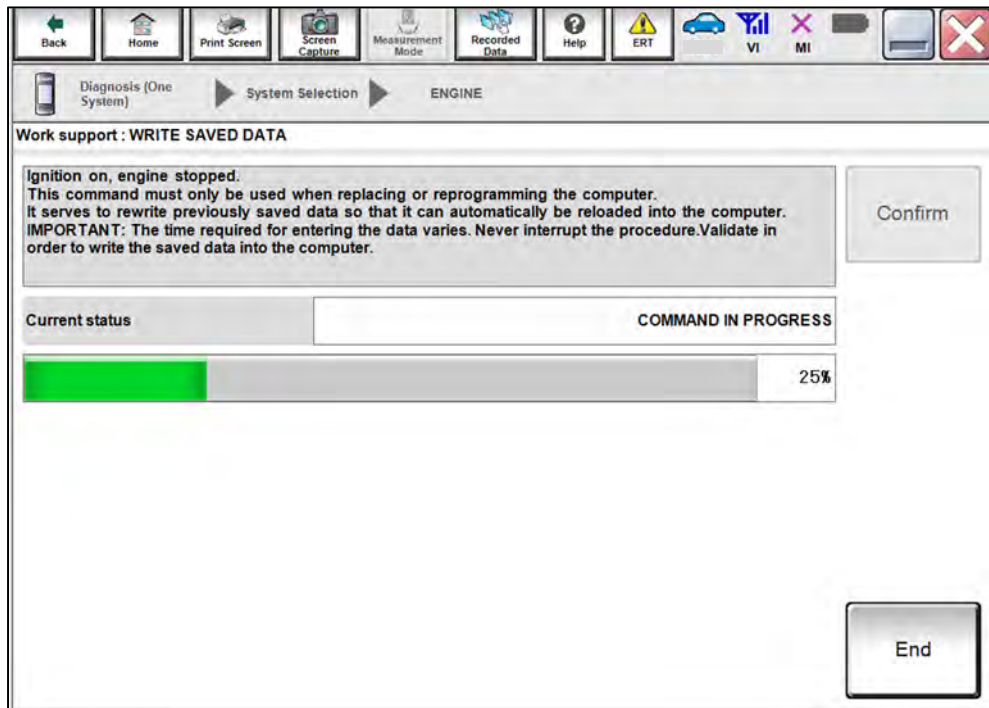


Figure 18

38. Select **End**.

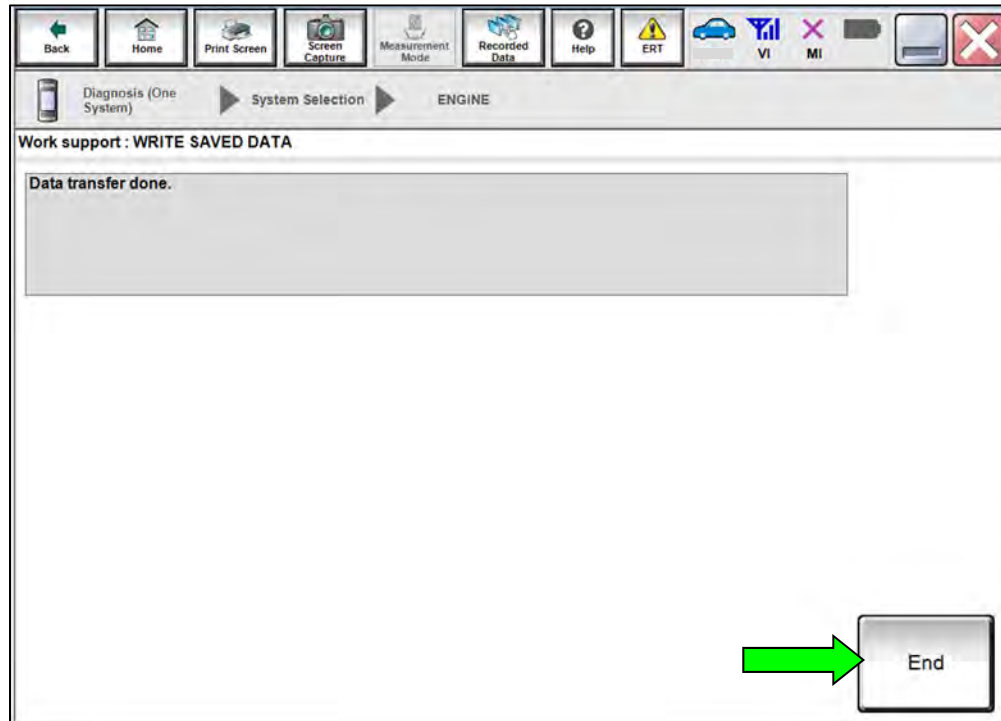


Figure 19

39. Close C-III plus by selecting the X in the upper right hand corner (not shown).
40. Turn the ignition OFF.
41. Turn the hazard warning lamps OFF.
42. Disconnect and remove the VI3 from the vehicle.
43. Disconnect the battery maintainer/smart charger.
44. Close the hood.

**CLAIMS INFORMATION**

Submit a "CM" line claim using the following claims coding:

<b>CAMPAIGN ("CM") ID</b>	<b>DESCRIPTION</b>	<b>OP CODE</b>	<b>FRT</b>
PD129	Reprogram ECM	PD1290	0.7
	Reprogram Not Needed	PD1291	0.3

**AMENDMENT HISTORY**

<b>PUBLISHED DATE</b>	<b>REFERENCE</b>	<b>DESCRIPTION</b>
January 30, 2025	NTB24-062	Original bulletin published

