



SERVICE CAMPAIGN BULLETIN

Reference:

NTB18-049

Date:

July 19, 2018

VOLUNTARY SERVICE CAMPAIGN 2012 – 2017 VERSA SEDAN; ECM REPROGRAM

CAMPAIGN ID #: PM827
APPLIED VEHICLES: 2012 – 2017 Versa Sedan (N17)

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

INTRODUCTION

Nissan is conducting this voluntary service campaign on certain specific model year 2012 – 2017 Versa Sedan vehicles that are currently registered in the states of Arizona or Nevada. The Engine Control Module (ECM) software will be reprogrammed. This service will be performed at no charge to the customer for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number PM827 to this campaign. This number must appear on all communication and documentation of any nature dealing with this campaign.

DEALER RESPONSIBILITY

Dealers are to repair vehicles falling within range of this campaign that enter the service department. This includes vehicles purchased from private parties, vehicles presented by transient (tourists) owners, and vehicles in a dealer's inventory.

Nissan 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.

SERVICE PROCEDURE

REPROGRAM THE ECM

IMPORTANT: Before starting, make sure:

- ASIST on the CONSULT PC has been synchronized (updated) to the current date.
- All CONSULT-III plus (C-III plus) software updates (if any) have been installed.
- The CONSULT PC is connected to the Internet (Wi-Fi or cable).

NOTE:

- 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 (C-III plus) ECM Reprogramming" general procedure.
- Take the vehicle for a 10 minute drive in order to meet the following Idle Air Volume Learn (IAVL) conditions:
 - Engine coolant temperature: 70 -100°C (158 -212°F)
 - Battery voltage: More than 12.9V (At idle)
 - Transmission: Warmed up
- After reprogramming is complete, you will be required to perform Throttle Valve Closed Position, Idle Air Volume Learn, Accelerator Closed Position, and DTC erase.



Figure A

CAUTION:

- Connect the GR8 to the 12V battery and select ECM Power Supply Mode. If the vehicle battery voltage goes below 12.0V or above 15.5V during reprogramming, the ECM may be damaged.
- Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, the ECM may be damaged.
- Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the ECM may be damaged.
- Turn OFF all external Bluetooth® devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the VI. If Bluetooth® signal waves are within range of the CONSULT PC during reprogramming, reprogramming may be interrupted and the ECM may be damaged.

1. Connect the CONSULT PC to the vehicle to begin the reprogramming procedure.
2. Start C-III plus.
3. Wait for the plus VI to be recognized / connected.
 - The serial number will display when the plus VI is recognized / connected.
4. Select **Re/programming, Configuration**.

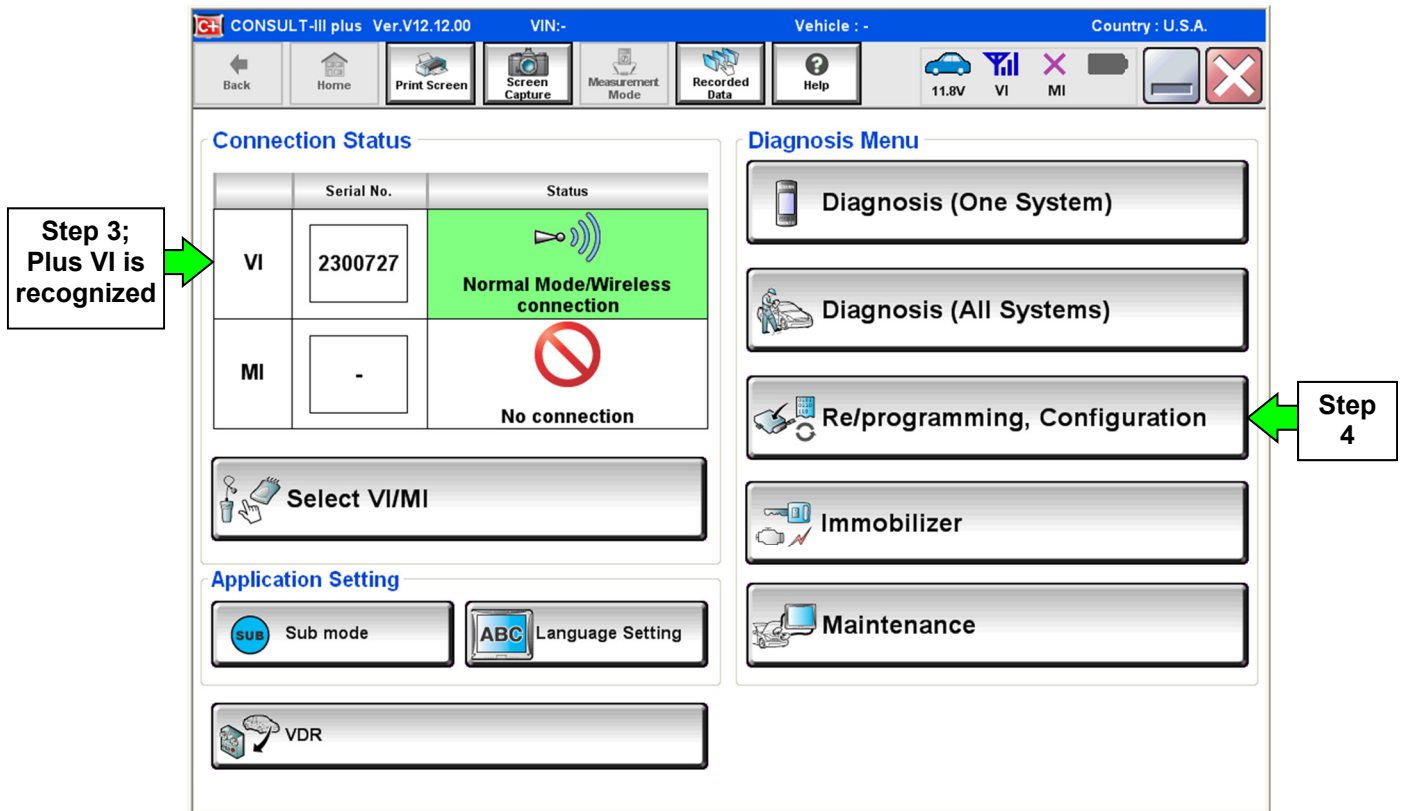


Figure 1

5. Follow the on-screen instructions and navigate the C-III plus to the screen shown in Figure 2 on the next page.

6. When you get to the screen shown in Figure 2, confirm this bulletin applies as follows.

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

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

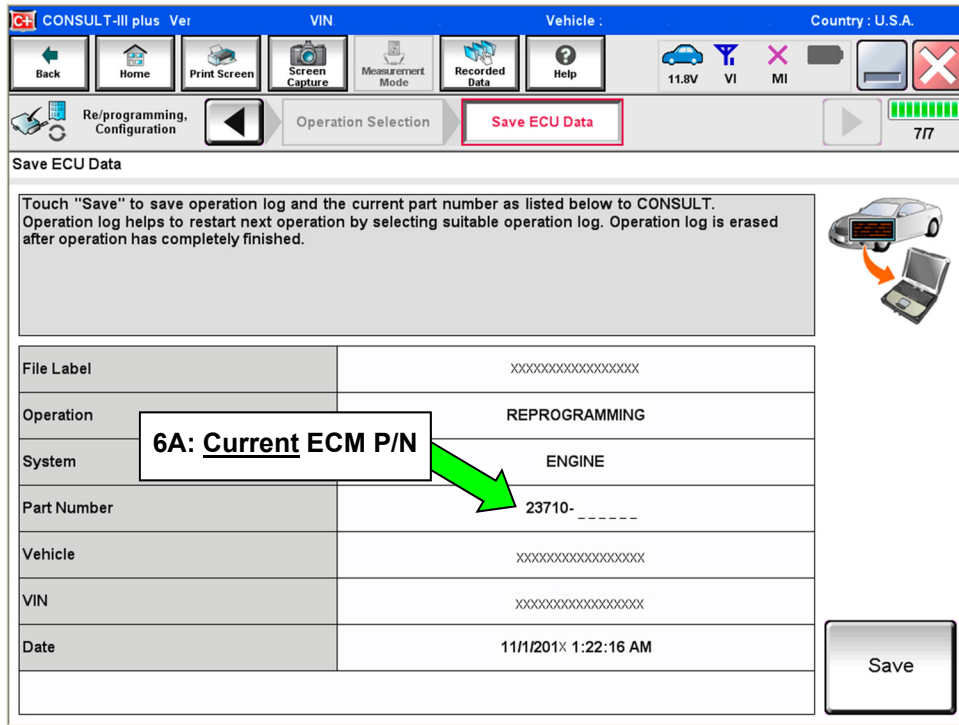


Figure 2

B. Compare the P/N you wrote down to the numbers in the **Current ECM Part Number** column in **Table A**, on the next page.

- If there is a match, continue with the reprogramming procedure.
- If there is not a match, reprogramming is not needed. Proceed to "Does Not Require ECM Reprogram" in the **CLAIMS INFORMATION** section of this bulletin.

Table A

MODEL	MODEL YEAR	Current <u>ECM</u> P/N: 23710-
Versa Sedan	2012	3AB2A, 3AB2D, 3AB2E 3AB3A, 3AB3D, 3AB3E 3AB4A, 3AB4D, 3AB4E, 3AB9A, 3AB9B, 3AB9C, 3AB9D 3AF0A, 3AF0B, 3AF0C 3AF1A, 3AF1B, 3AF1C, 3AF1D 3AF2A, 3AF2B, 3AF2C, 3AF2D
	2013	9KA0B, 9KA0C, 9KA0D, 9KA0E 9KA1B, 9KA1C, 9KA1D, 9KA1E 9KA2B, 9KA2C, 9KA2D, 9KA2E 9KA3B, 9KA3C, 9KA3D, 9KA3E 9KA5A, 9KA5B 9KA6A, 9KA6B 9KA7A, 9KA7B
	2014	9KF0A, 9KF0B, 9KF0C, 9KF0D, 9KF0E 9KF1A, 9KF1B, 9KF1C, 9KF1D, 9KF1E 9KF2A, 9KF2B, 9KF2C, 9KF2D, 9KF2E 9KF3A, 9KF3B, 9KF3C, 9KF3D, 9KF3E
	2015	9KE0A, 9KE0B, 9KE0C, 9KE0D 9KE1A, 9KE1B, 9KE1C, 9KE1D, 9KE1E 9KE2A, 9KE2B, 9KE2D, 9KE2E, 9KE2F
	2016	9KN0A, 9KN0B, 9KN0C 9KN1A, 9KN1B, 9KN1C 9KN2A, 9KN2B, 9KN2C
	2017	9KS1A, 9KS1B, 9KS1C 9KS2A, 9KS2B, 9KS2C 9KS3A, 9KS3B, 9KS3C

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

NOTE:

- In some cases, more than one new P/N for reprogramming is available.
 - In this case, the screen in Figure 3 displays.
 - Select and use the reprogramming option that **does not** have the message “Caution! Use ONLY with NTBXX-XXX”.
- If you get this screen and it is blank (no reprogramming listed), it means there is no reprogramming available for this vehicle. Close C-III plus and refer back to ASIST for further diagnosis.

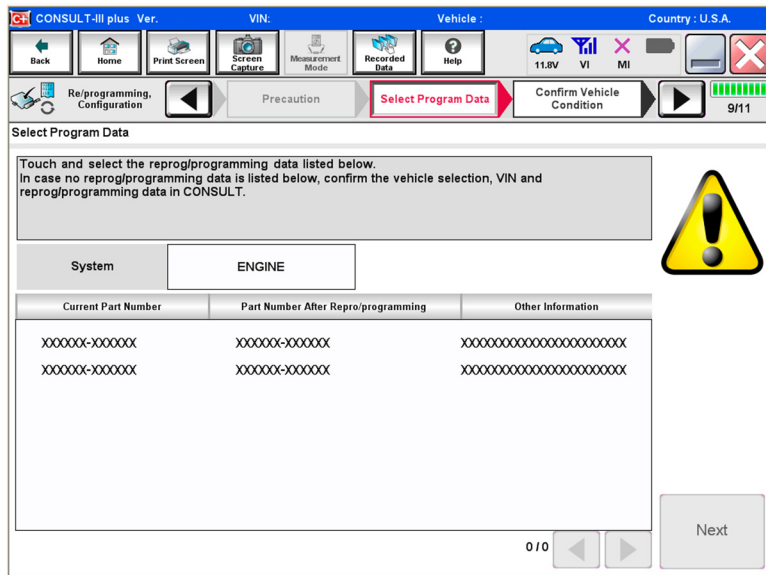


Figure 3

- Before reprogramming will start, you will be required to enter your User Name and Password.
 - The CONSULT PC must be connected to the Internet (Wi-Fi or cable).
 - If you do not know your User Name and Password, contact your Service Manager.

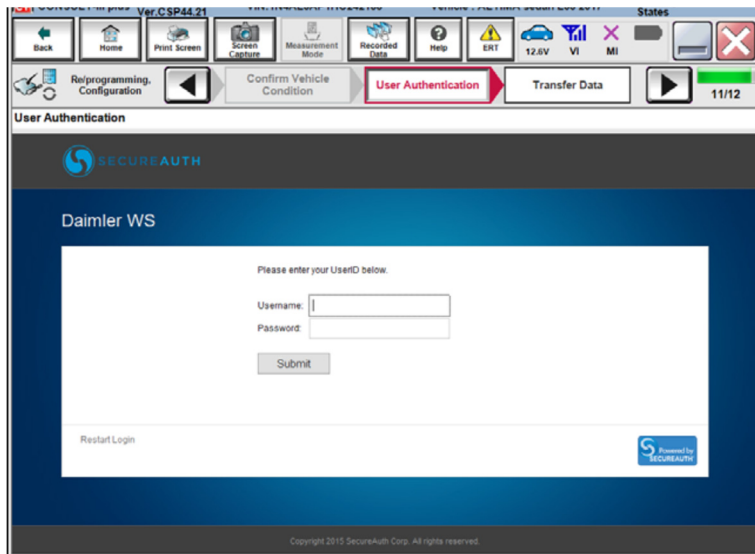


Figure 4

8. When the screen in Figure 5 displays, reprogramming is complete.

NOTE: If the screen in Figure 5 does not display (reprogramming does not complete), refer to the information on page 8.

9. Disconnect the battery charger from the vehicle.

10. Select **Next**.

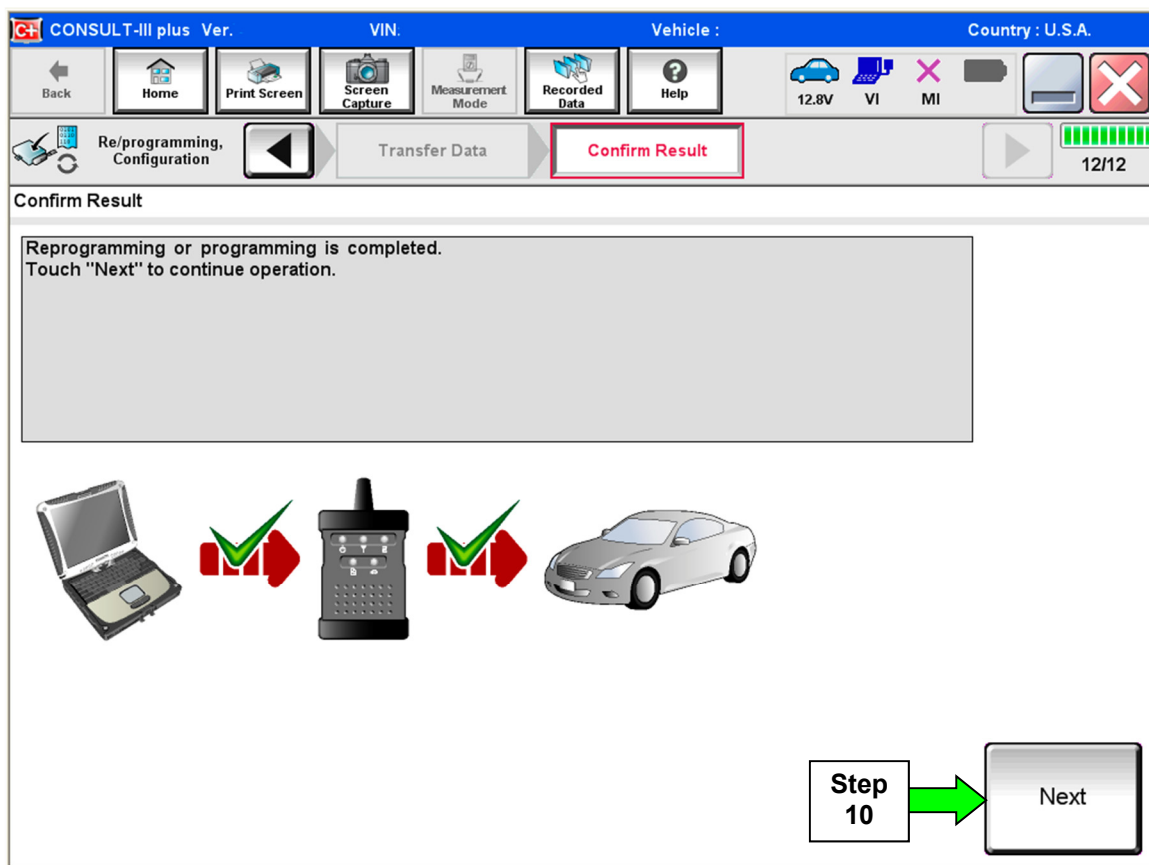


Figure 5

NOTE:

- In the next steps, starting on page 9, you will perform Throttle Valve Closed Position, Idle Air Volume Learn, Accelerator Closed Position, and DTC erase.
- These operations are required before C-III plus will provide the final reprogramming confirmation report.

ECM recovery:

Do not disconnect plus VI or shut down Consult III plus if reprogramming does not complete.

If reprogramming does not complete and the “!?” icon displays as shown in Figure 6:

- Check battery voltage (12.0–15.5 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.

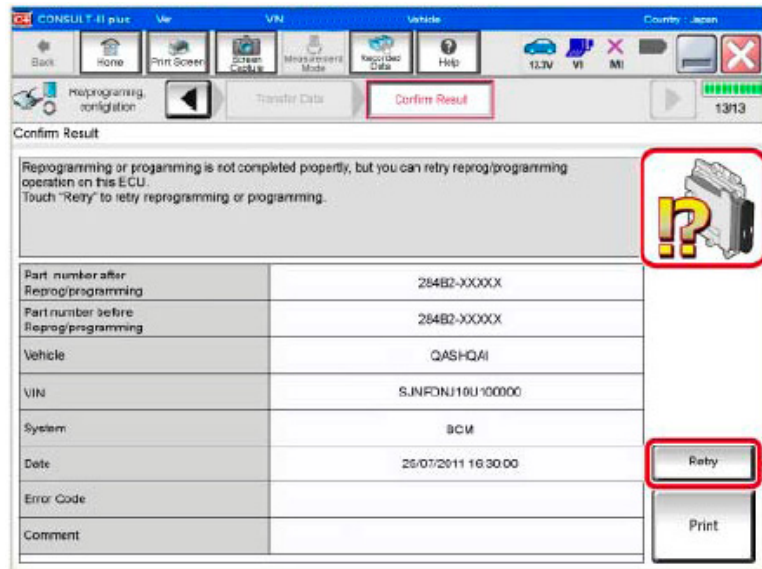


Figure 6

If reprogramming does not complete and the “X” icon displays as shown in Figure 7:

- Check battery voltage (12.0 – 15.5 V).
- CONSULT A/C adapter is plugged in.
- Ignition is ON, engine OFF.
- Transmission is in Park.
- All C-III plus / VI cables are securely connected.
- All C-III plus updates are installed.
- **Select Home, and restart the reprogram procedure from the beginning.**

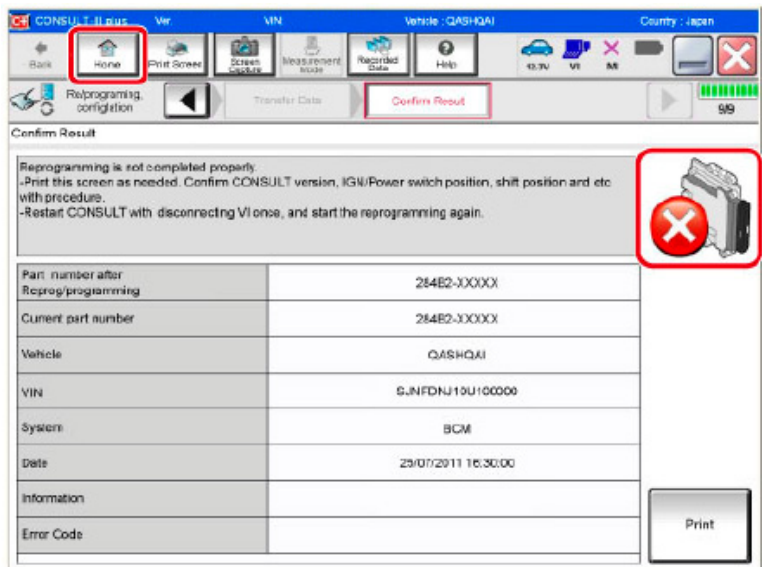


Figure 7

11. Follow the on-screen instructions to perform the following:

- **Throttle Valve Closed Position.**
- **Idle Air Volume Learn (IAVL).**

NOTE:

- **Listed below are common conditions required for IAVL to complete.**
 - **If IAVL does not complete within a few minutes, a condition may be out of range.**
 - **Refer to the appropriate ESM for specific conditions required for the vehicle you are working on.**
 - Engine coolant temperature: 70 -100°C (158 -212°F)
 - Battery voltage: More than 12.9V (At idle)
 - Selector lever: P or N
 - Electric load switch: OFF (Air conditioner, headlamp, rear window defogger)
 - Steering wheel: Neutral (Straight-ahead position)
 - Vehicle speed: Stopped
 - Transmission: Warmed up
- **Accelerator Pedal Close Position Learning**
 - **Erase DTCs**

Continue to the next page.

12. When the entire reprogramming process is complete, the screen in Figure 8 will display.
13. Verify the before and after part numbers are different.
14. Print a copy of this screen (Figure 8) and attach it to the repair order for warranty documentation.
15. Select **Confirm**.

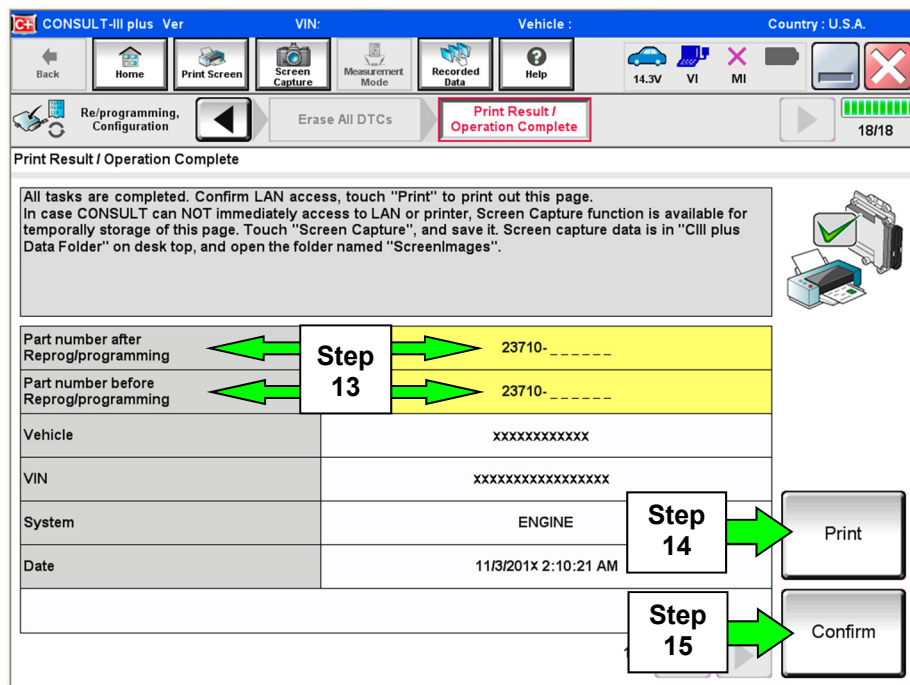


Figure 8

16. Close C-III plus.
17. Turn the ignition OFF.
18. Disconnect the plus VI from the vehicle.

CLAIMS INFORMATION

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

CAMPAIGN ("CM") ID	DESCRIPTION	OP CODE	FRT
PM827	Reprogram ECM	PM8270	0.4 hrs.
	Does Not Require ECM Reprogram	PM8272	0.3 hrs.

