

Reference:

ITB13-041

Date:

October 22, 2013

VOLUNTARY SAFETY RECALL CAMPAIGN 2013-2014 JX35/QX60 ABS SOFTWARE UPDATE

CAMPAIGN I.D. #: R1307**APPLIED VEHICLE:** 2013 JX35 (L50)
2014 QX60 (L50)
2014 QX60 Hybrid (L50)**Check Service Comm to confirm campaign eligibility.**

INTRODUCTION

Infiniti is conducting a Voluntary Safety Recall Campaign on certain 2013 JX35 and 2014 QX60 vehicles to reprogram the ABS control unit at no cost to the customer for parts or labor. On specific 2013 JX35 and 2014 QX60 vehicles, the ABS control unit logic may cause a longer than expected stopping distance during very light braking on certain rough or uneven surfaces.

IDENTIFICATION NUMBER

Infiniti has assigned identification number R1307 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 for the campaign status on each vehicle falling within the range of this voluntary safety 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, Infiniti strongly encourages dealers to correct any used vehicles in their inventory before they are retailed.

SERVICE PROCEDURE

1. Before continuing, it is **IMPORTANT** to make sure:

- ASIST on the CONSULT PC has been freshly synchronized (updated).
- All CONSULT related software updates (if any) have been installed.

NOTE: The CONSULT PC automatically gets all reprogramming software during ASIST synchronization.

CAUTION:

- Connect the GR8 to the vehicle 12 volt battery and set to ECM power supply mode.
If the vehicle battery voltage drops below 12.0V or rises above 15.5V during reprogramming, the ABS may be damaged.
- Be sure to turn OFF all vehicle electrical loads.
If a vehicle electrical load remains ON, the ABS 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 ABS 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 ABS may be damaged.

2. Once all ASIST and CONSULT related updates have been performed, attach the CONSULT PC to the vehicle.

- Connect the plus VI to the CONSULT PC with the USB cable.
- Connect the AC adapter to the CONSULT PC.

3. Turn ON the CONSULT PC, and then open CONSULT III plus (C-III plus).

NOTE: Make sure all applications other than C-III plus are closed.

4. Press the ignition switch twice without depressing the brake pedal.

- The meter and gauges will illuminate.

CAUTION: Do Not start the engine or place in Ready Mode, the ABS may be damaged.

NOTE: Make sure ALL accessories are turned off.

5. Erase all stored DTCs as follows:

- a. Wait for the plus VI to be recognized.
- b. Select **Diagnosis (All Systems)** and then **Confirm**.
- c. Wait for system call to complete.
- d. Erase all DTCs.

6. Go to **Re/programming, Configuration**.

- a. Select the **Home** button and then **YES** to return to the screen shown in Figure 1.
- b. Select **Re/programming, Configuration**.

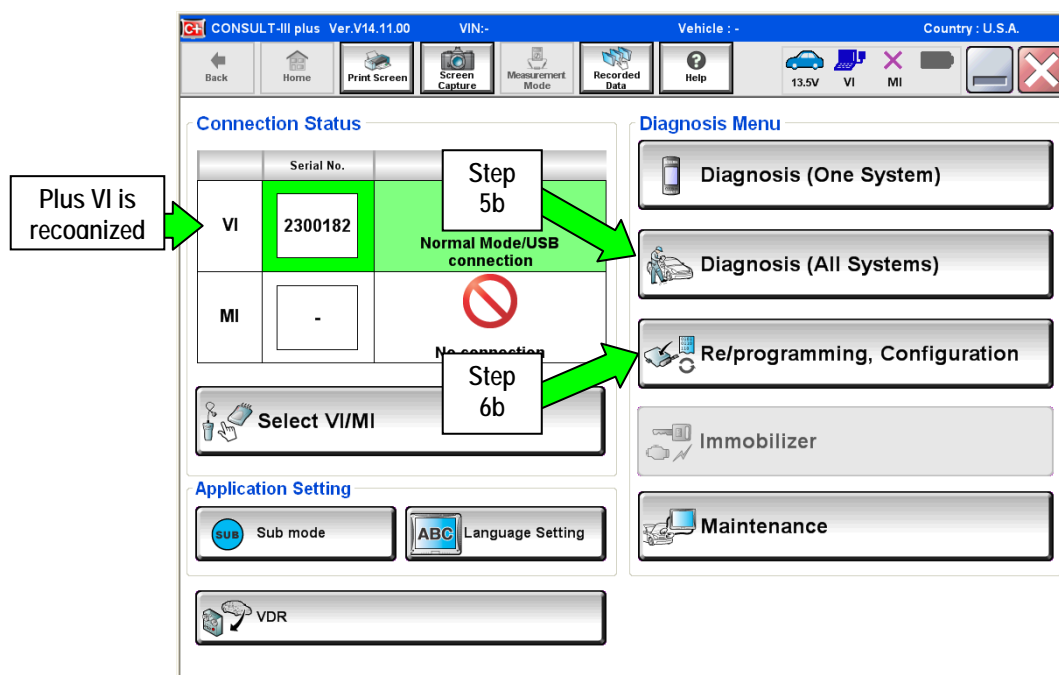


Figure 1

7. Check the box for **Confirmed Instructions**, and then select **Next**.

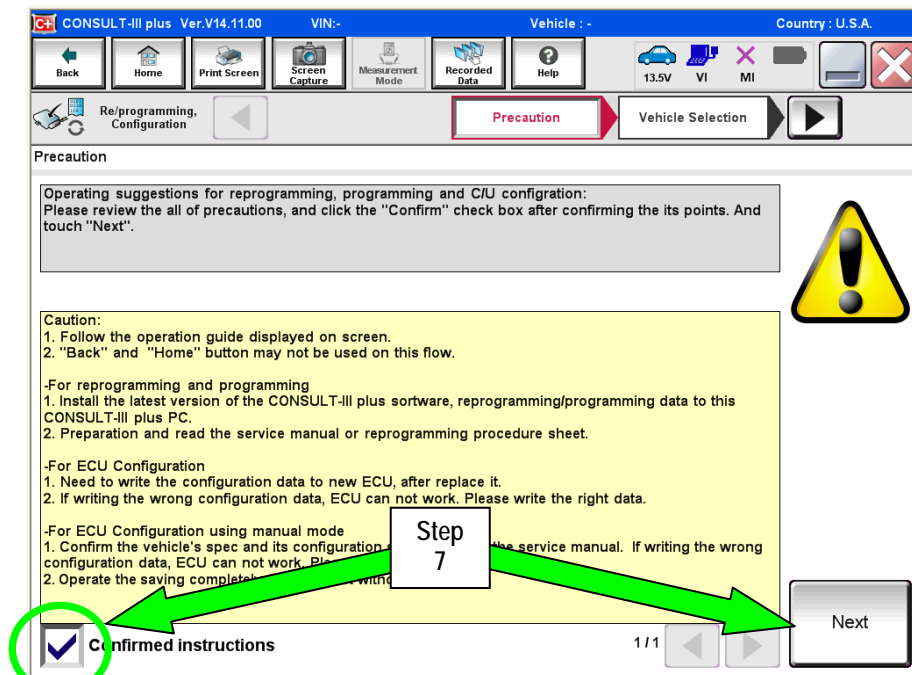


Figure 2

8. Select **INFINITI**, the model and the model year, or **Automatic Selection(VIN)**.

- Under **Manual Selection(Vehicle Name)** select **INFINITI**, JX35, QX60 or QX60 Hybrid, the model year and then click **Select**.
- If **Automatic Selection(VIN)** is selected, wait for the Reading VIN screen (not shown) to complete.

9. Select **Select**.

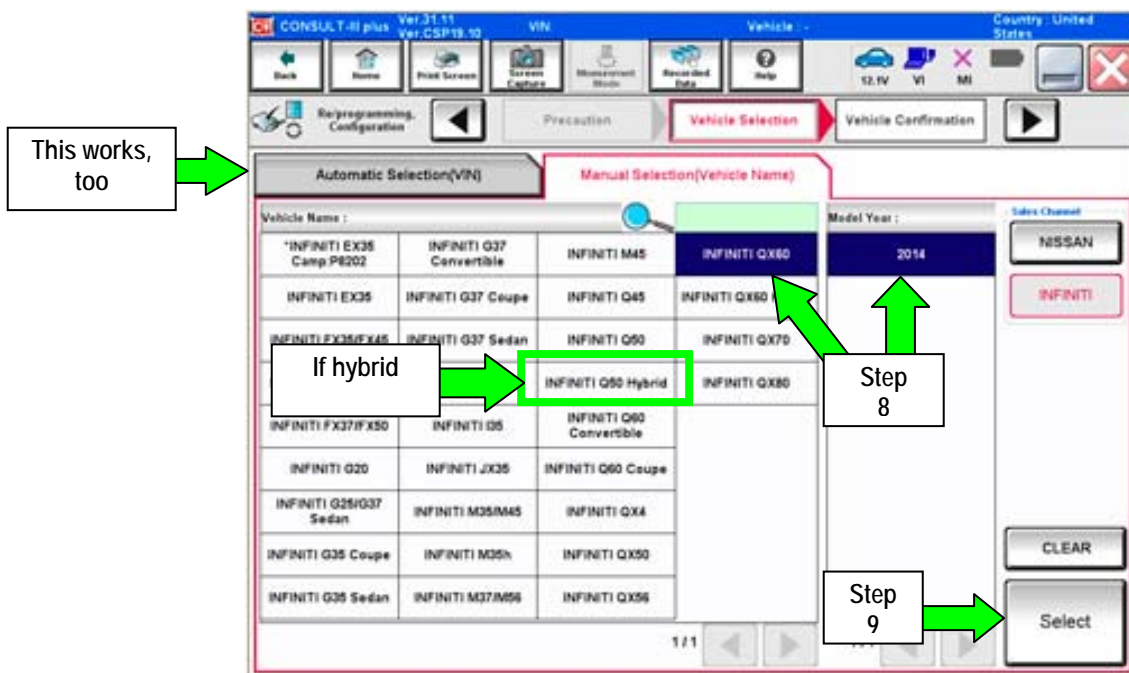


Figure 3

10. Verify the VIN or Chassis # matches that of the vehicle.

- If the correct VIN is displayed, select **Confirm**.

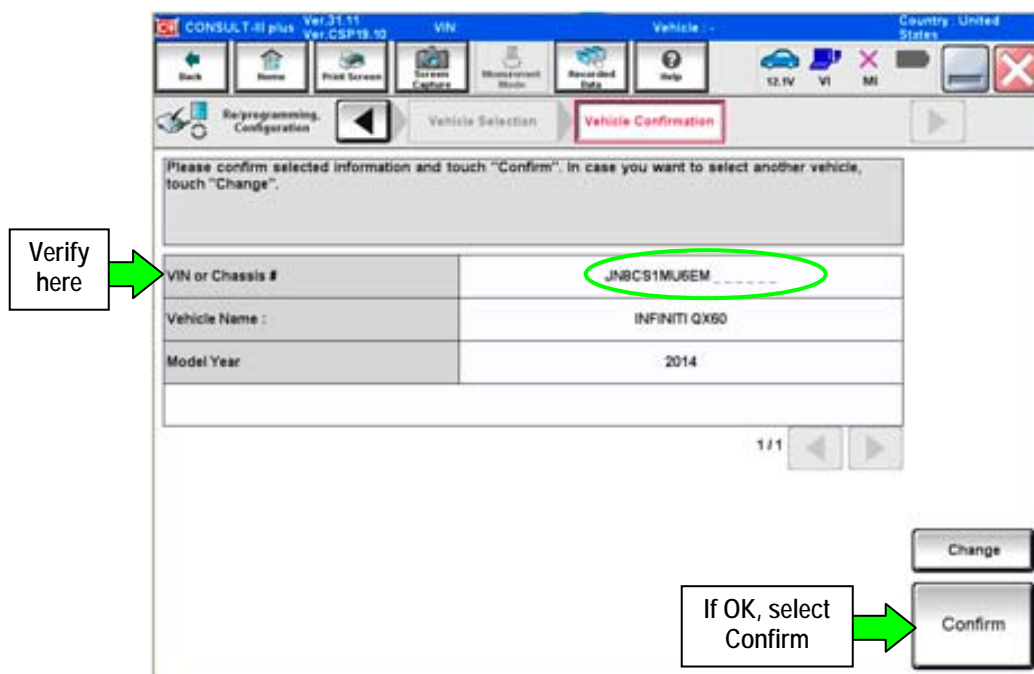


Figure 4

11. Select **Confirm** again.

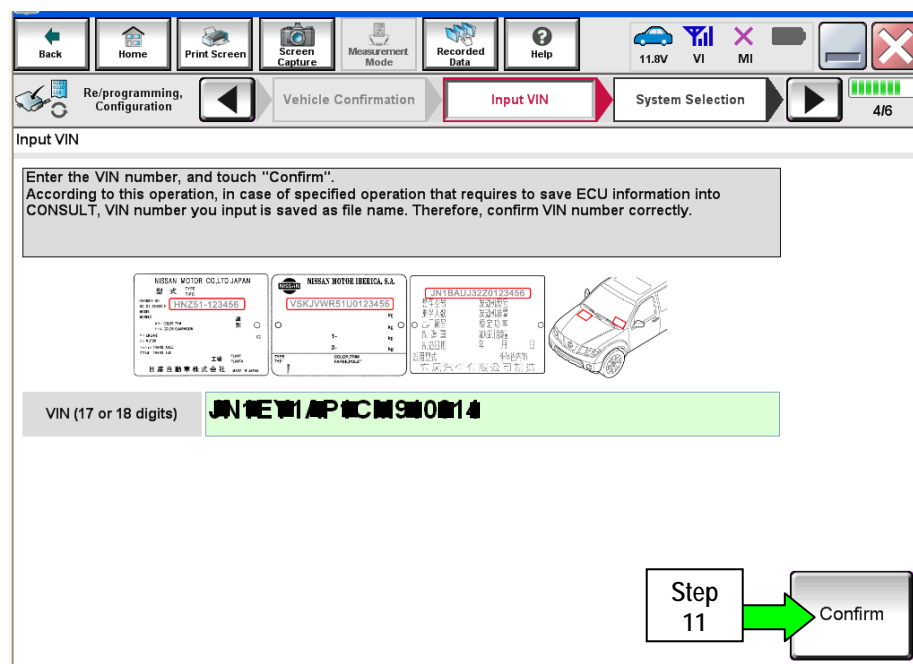


Figure 5

12. Use the page scroll arrows and select **ABS**.

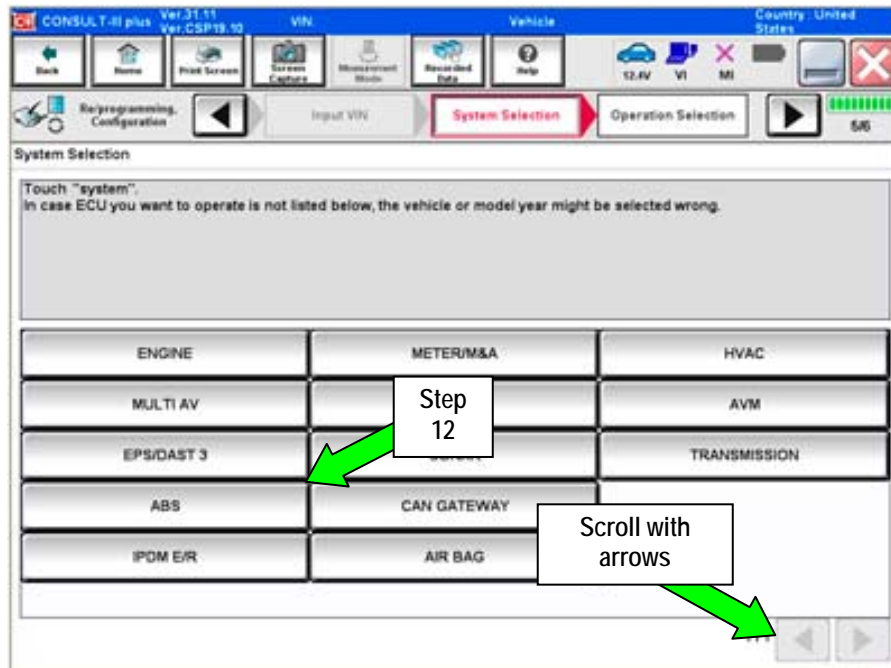


Figure 6

13. Wait for System Call to complete and then select **Reprogramming**.

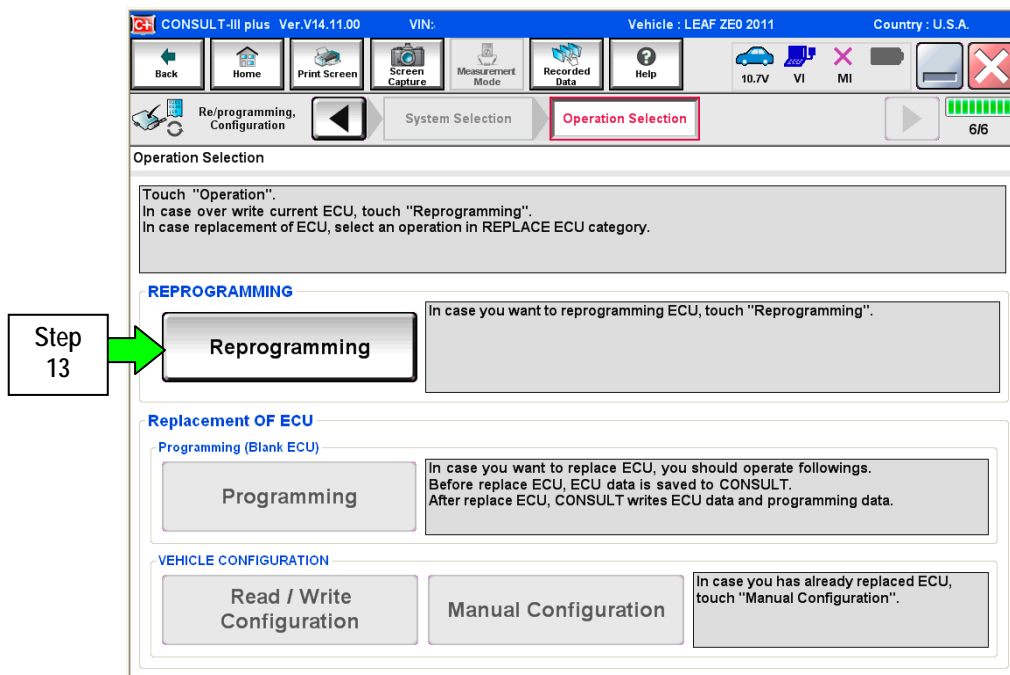


Figure 7

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

- a. Find the ABS Part Number and write it on the repair order.

NOTE: This is the current ABS Part Number.

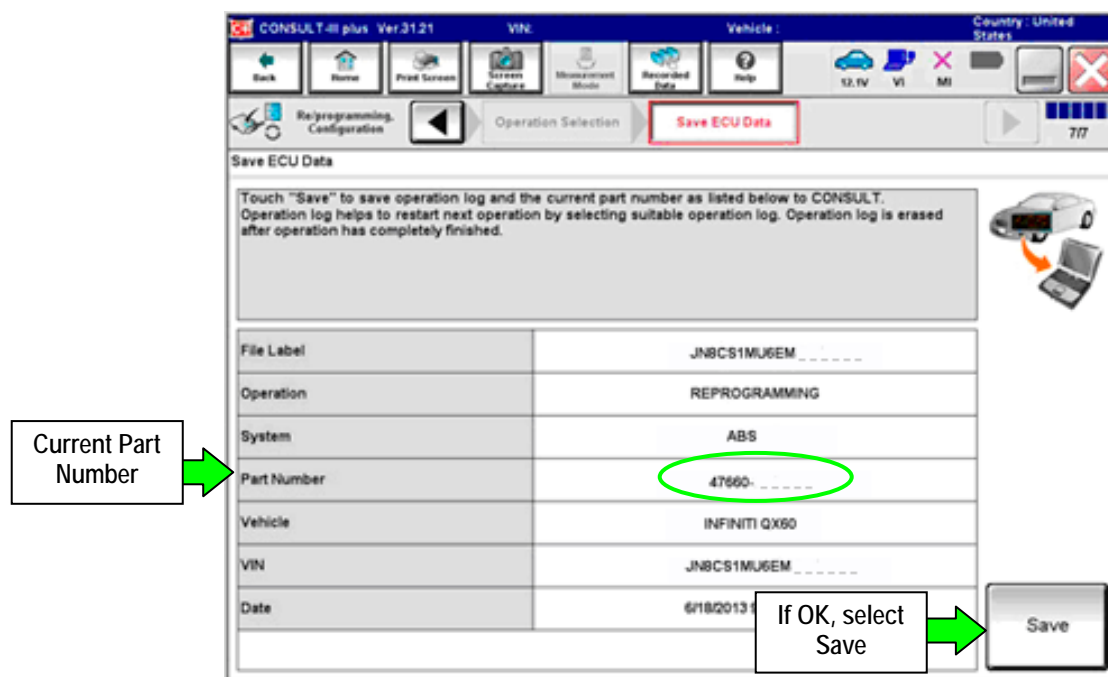


Figure 8

- b. Compare the P/N you wrote down to the numbers in the Current Part Number column of **Table A** below:

- If there is a match, the reprogramming applies. Continue with the reprogramming procedure.
- If there is not a match, reprogramming does not apply.
- **NOTE:** If the ABS part number is **not** in the table below, this campaign may not apply or it has already been done. Close C-III plus (select **Home**, and then the "X") and the CONSULT PC, disconnect from the vehicle, and then recheck Service Comm for campaign eligibility.

Table A

MODEL	CONTROL UNIT	CURRENT PART NUMBER: 47660-
2013 JX35 2014 QX60	ABS	3JA1A, 3JA1B 3JA2A, 3JA2B 3JU1A, 3JU1B 3JU2A, 3JU2B 3JV1A, 3JV2A, 3JV4A, 3JV6A, 3JV7A, 3JV9A

- c. If there is a part number match as specified above, Select **Save** and then continue with the reprogramming procedure on the next page.

15. Read the precautions on page 1 shown in Figure 9, and then select page 2 with arrow (page 2 not shown). After reading page 2, select **Confirmed instructions**, and then select **Next**.

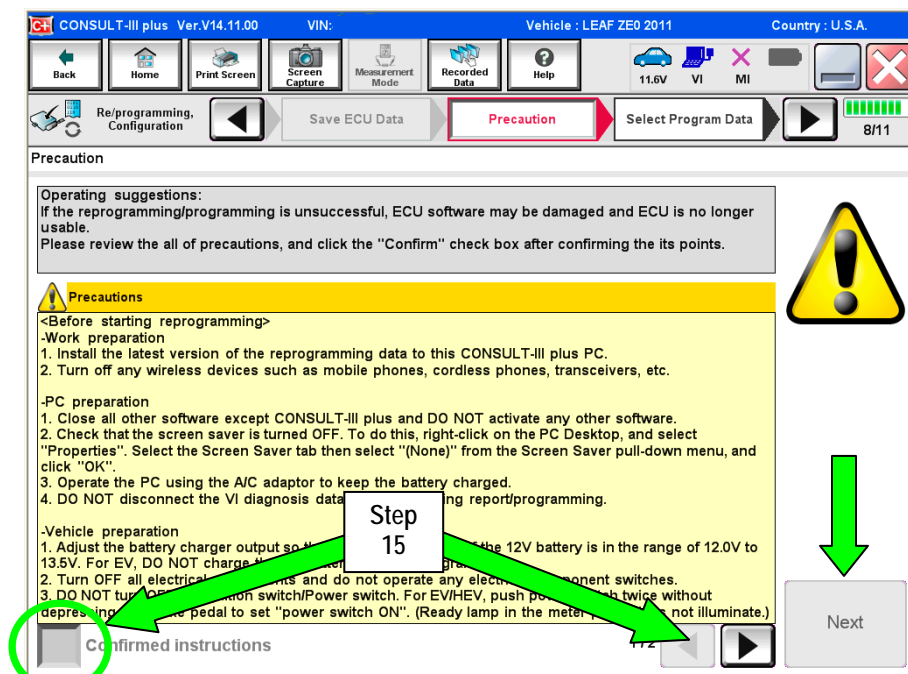


Figure 9

NOTE: In some cases, more than one new P/N for reprogramming is available.

- In this case, the screen in Figure 10 will display.
- Select and use the reprogramming option that does not have the message "Caution! Use ONLY with ITBXX-XXX".
- If you get this screen and it is blank (no reprogramming listed), it means that there is no reprogramming available for this vehicle. This campaign does not apply or it has already been done. Recheck Service Comm for campaign eligibility.

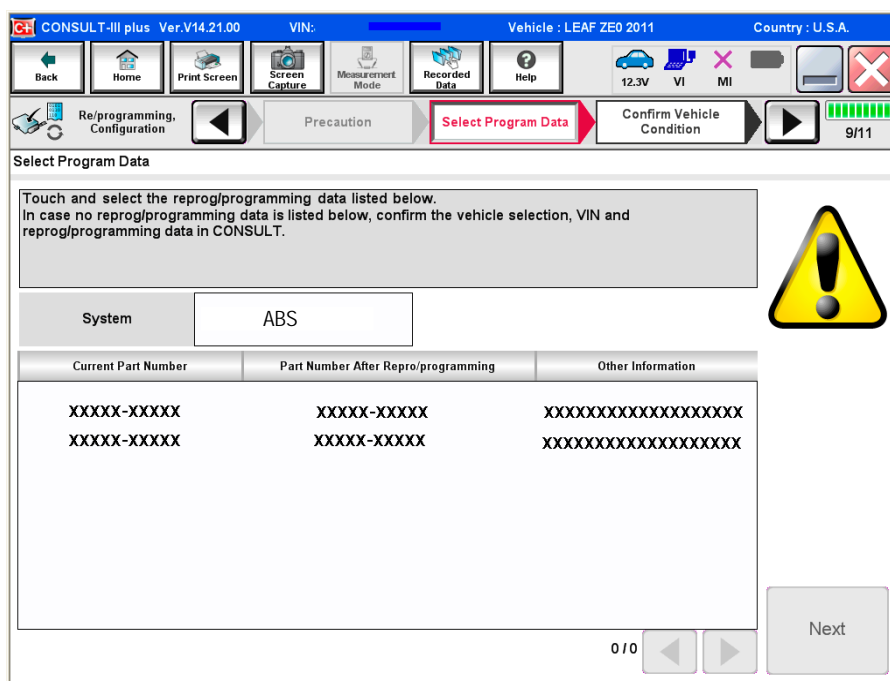


Figure 10

16. Verify the Current Part Number matches the Part Number written down in step 14, and then select **Next**.

CONSULT-III plus Ver.31.11 Ver.CSP19.10

Country: United States

Reprogramming Configuration

Select Program Data

Confirm the detail listed below, and touch "Next" if OK.
In case the screen to select reprogramming data is NOT displayed, only one data is available for this vehicle.
In case the part number after reprogramming is wrong, touch "Re-select", and confirm the vehicle selection, VIN and reprogramming data in CONSULT.

Part Number After Reprogramming	47660-...
Current Part Number	47660-...
Vehicle	INFINITI QX60
VIN	JN8CS1M6EM
System	ABS
Other Information	L53H_ST1
Expected time to finish reprogramming	

Re-select

Next

Verify P/Ns above, then select Next

Figure 11

17. If the screen in Figure 12 appears, first select **Delete** then **Confirm**, and then **Other Operation**.

- This will erase the Saved Data List and restart the reprogram from step 12. You must go back to step 12.
- If no Saved Data List is stored, Figure 13 on the next page will be displayed. Proceed to step 18.

CONSULT-III plus Ver.31.11 Ver.CSP19.10

Country: United States

Reprogramming Configuration

Operation Log Selection

CONSULT has the saved data related reprogramming and configuration.
In case you want to write the save data from CONSULT to vehicle ECU, touch and select the data in Save data list (left side), and confirm the detail (right side). If the detail is OK, and touch "Confirm". In case you want to do other operation, touch "Other Operation".

Save data list	Save data detail
JN1BV7AP2EM	Operation: REPROGRAMMING
	System: ABS
	Part Number: 47660-...
	Vehicle: JN8CS1M6EM
	VIN: JN8CS1M6EM
	Saved Date: 1/28/2012 8:37:38 AM

Delete

Other Operation

Confirm

Step 17

Figure 12

18. Confirm battery voltage is correct, and then select **Next**.

NOTE: Battery voltage must stay within the specified range to make the indicator turn green.

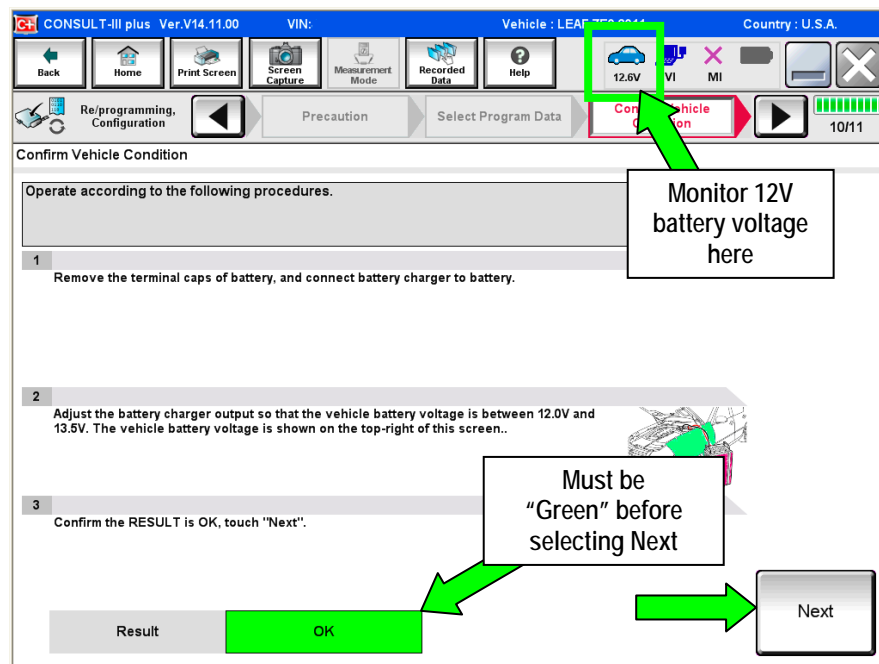


Figure 13

19. With battery voltage OK (green), select **Start**.

- The reprogramming process begins when Start is selected.

NOTE: For reprogramming to continue, vehicle 12V battery voltage must stay within 12 volts and 15.5 volts.

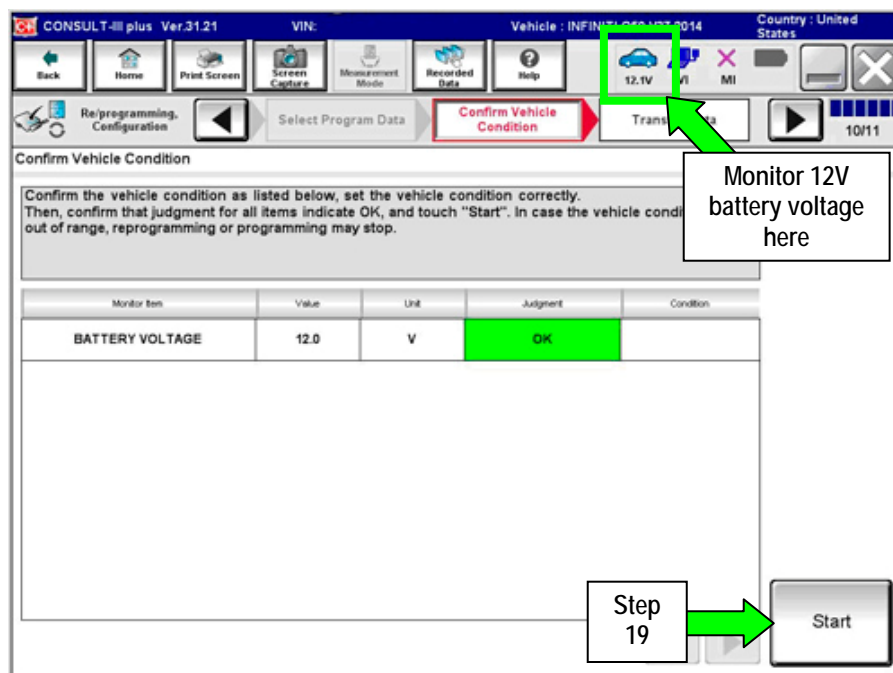


Figure 14

20. Wait for both bar graphs to complete.

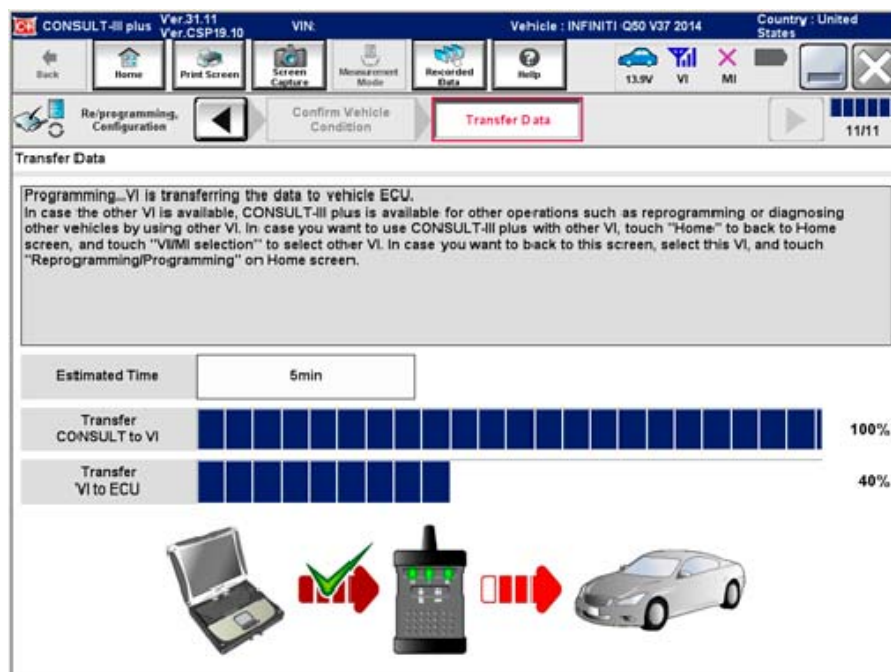


Figure 15

21. When the screen in Figure 18 on page 13 displays, the reprogramming is complete.

- Proceed to step 22.

NOTE: If the screen in Figure 18 is not displayed (reprogramming is not complete), refer to the information on the next page.

Control Unit 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 16:

- Check battery voltage (12.0–15.5 V).
- Ignition is ON, engine OFF. Ready Mode is 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 the first attempt and can be selected more than once.

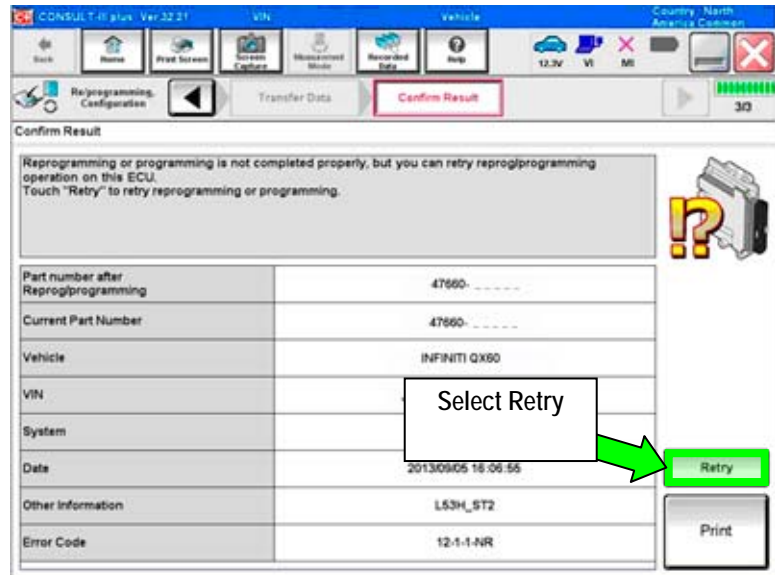


Figure 16

If reprogramming does not complete and the "X" icon displays as shown in Figure 17:

- Check battery voltage (12.0 – 15.5 V).
- CONSULT A/C adapter is plugged in.
- Ignition is ON, engine OFF. Ready Mode is 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.

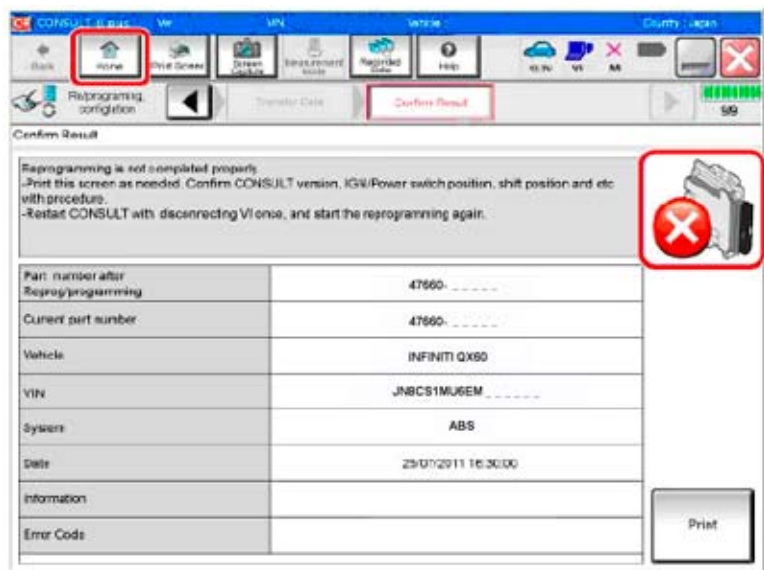


Figure 17

22. Select **Next**, and then wait for System Call to complete.

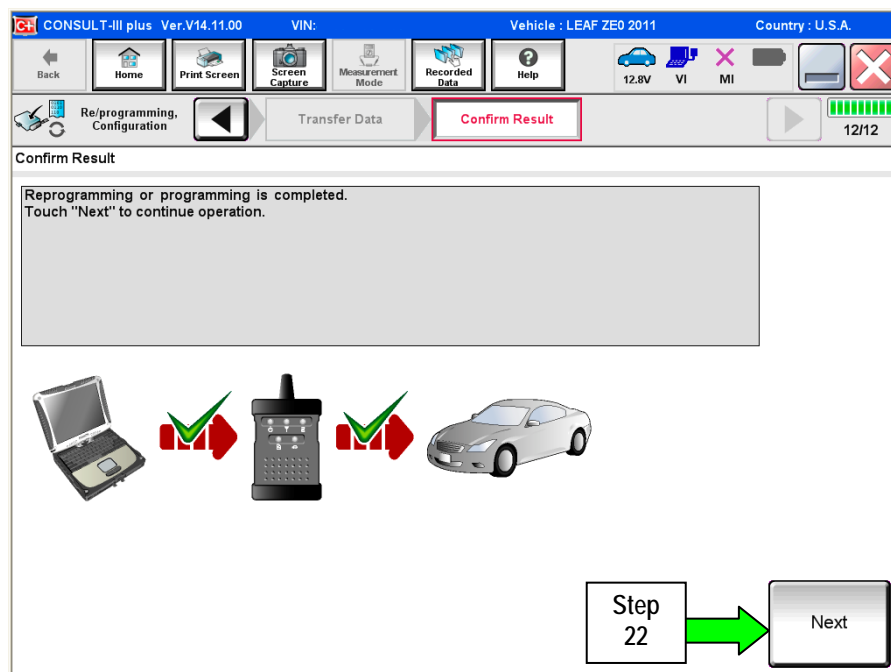


Figure 18

23. Erase all DTCs:

a. Turn "ignition" OFF.

- The screen in Figure 19 will read **OFF** after pressing the power switch once.

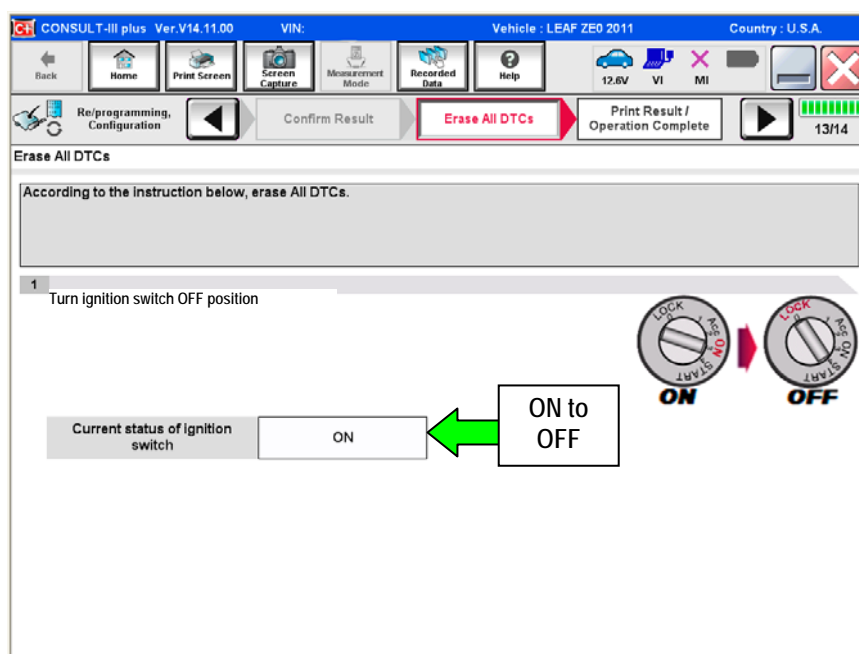


Figure 19

- b. Wait 1 minute with the ignition OFF.
- c. Turn the ignition ON, but do not start the engine or place in Ready Mode (press switch twice without depressing the brake pedal).
 - The screen in Figure 20 will read **ON** after pressing the power switch twice.

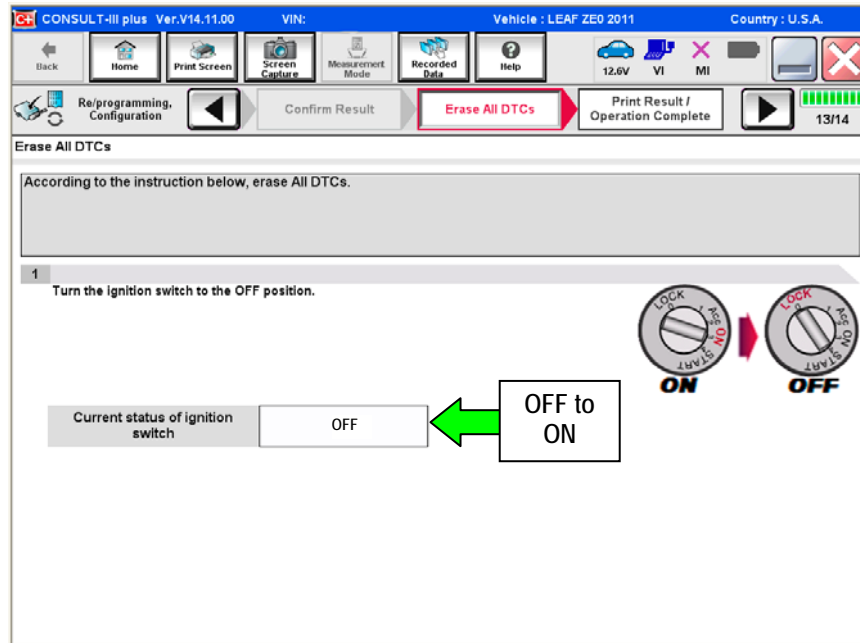


Figure 20

- d. Wait for the bar graph in the **ERASE** window to complete 100%.

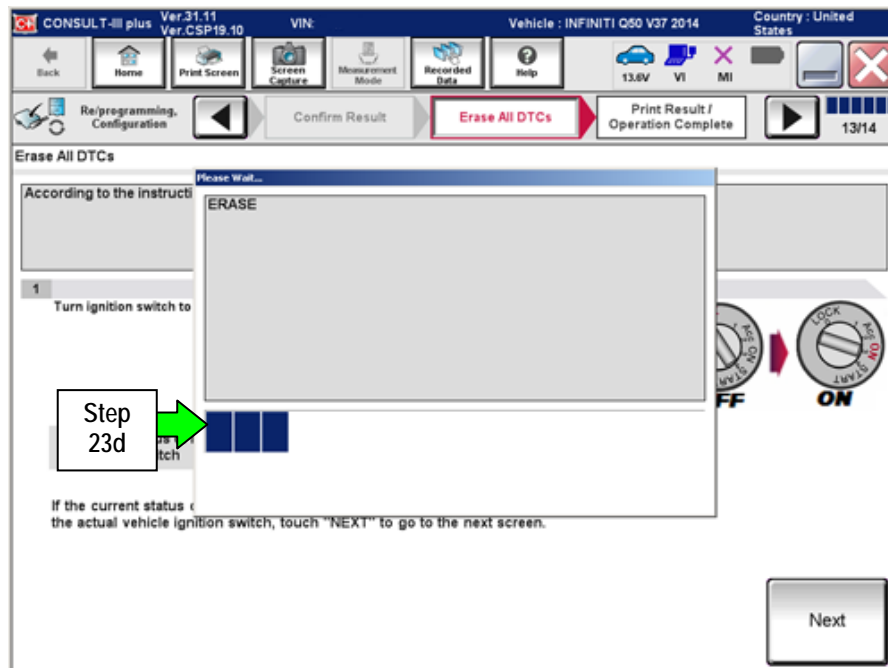


Figure 21

24. Verify the part number has changed (before and after reprogramming part numbers should be different).
 - a. Print a copy of the screen in Figure 22 by selecting **Print**.
 - b. Attach the copy to the repair order.
 - c. Once a copy has been printed, select **Confirm**.

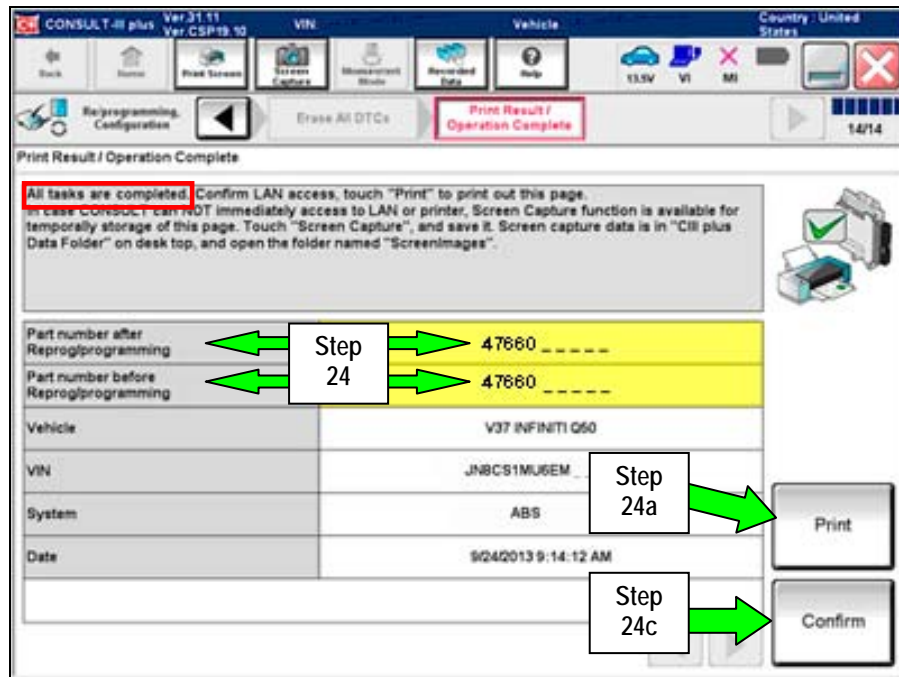


Figure 22

25. After Confirmation has completed, select **Home** and close C-III plus.

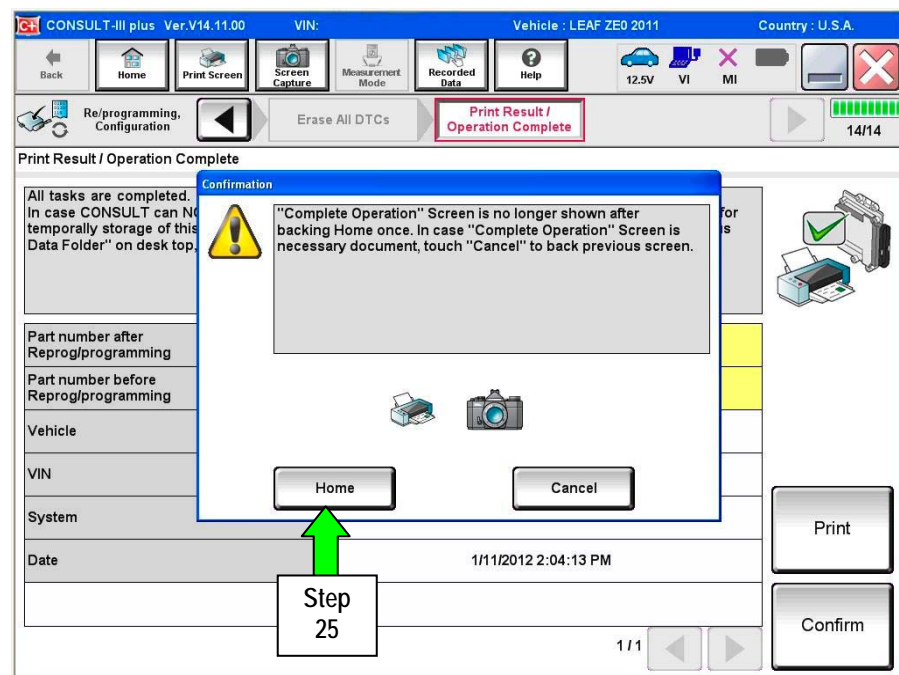


Figure 23

CLAIMS INFORMATION

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

"CM" I.D.: R1307

CAMPAIGN ID	DESCRIPTION	OP CODE	FRT
R1307	Reprogram ABS	R13070	0.4 hrs

