Technical Bulletin

SERVICE BULLETIN

Classification:	Reference:	Date:
AT13-005	NTB13-059	May 30, 2013

2013 ALTIMA SEDAN AND PATHFINDER
MIL "ON" WITH DTC P062F

APPLIED VEHICLES: 2013 Altima Sedan (L33)
2013 Pathfinder (R52)

IF YOU CONFIRM:

- The Malfunction Indicator Light (MIL) is "ON" with DTC P062F (Internal Control Module EEPROM Error) stored in the Transmission Control Module (TCM).

  and

- No drivability symptoms are present.

ACTION:

1. Refer to step 6 in the SERVICE PROCEDURE to confirm this bulletin applies to the vehicle you are working on.

2. If this bulletin applies, reprogram the TCM.

CLAIMS INFORMATION

Submit a Primary Part (PFP) type line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram Transmission Control Module	(1)	JE99AA	ZE	32	(2)

(1) Reference the electronic parts catalog (FAST) and use the Transmission Control Module assembly part number (31036 – XXXXX) as the Primary Part (PFP).
(2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated flat rate time.

IMPORTANT: The purpose of "ACTION" (above) is to give you a quick idea of the work you will be performing. You MUST closely follow the entire Service Procedure as it contains information that is essential to successfully completing this repair.

SERVICE PROCEDURE

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) Reprogramming" general procedure.

CAUTION:

- Connect a battery charger to the vehicle battery.
  If the vehicle battery voltage drops below 12.0V or rises above 15.5V during reprogramming, the TCM may be damaged.

- Be sure to turn OFF all vehicle electrical loads.
  If a vehicle electrical load remains ON, the TCM 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 TCM 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 TCM may be damaged.

---

1. Connect the CONSULT PC to the vehicle to begin the reprogramming procedure.

2. Open ASIST on the CONSULT PC and start C-III plus.

3. Wait for the plus VI to be recognized.

    - The serial number will display when the plus VI is recognized.

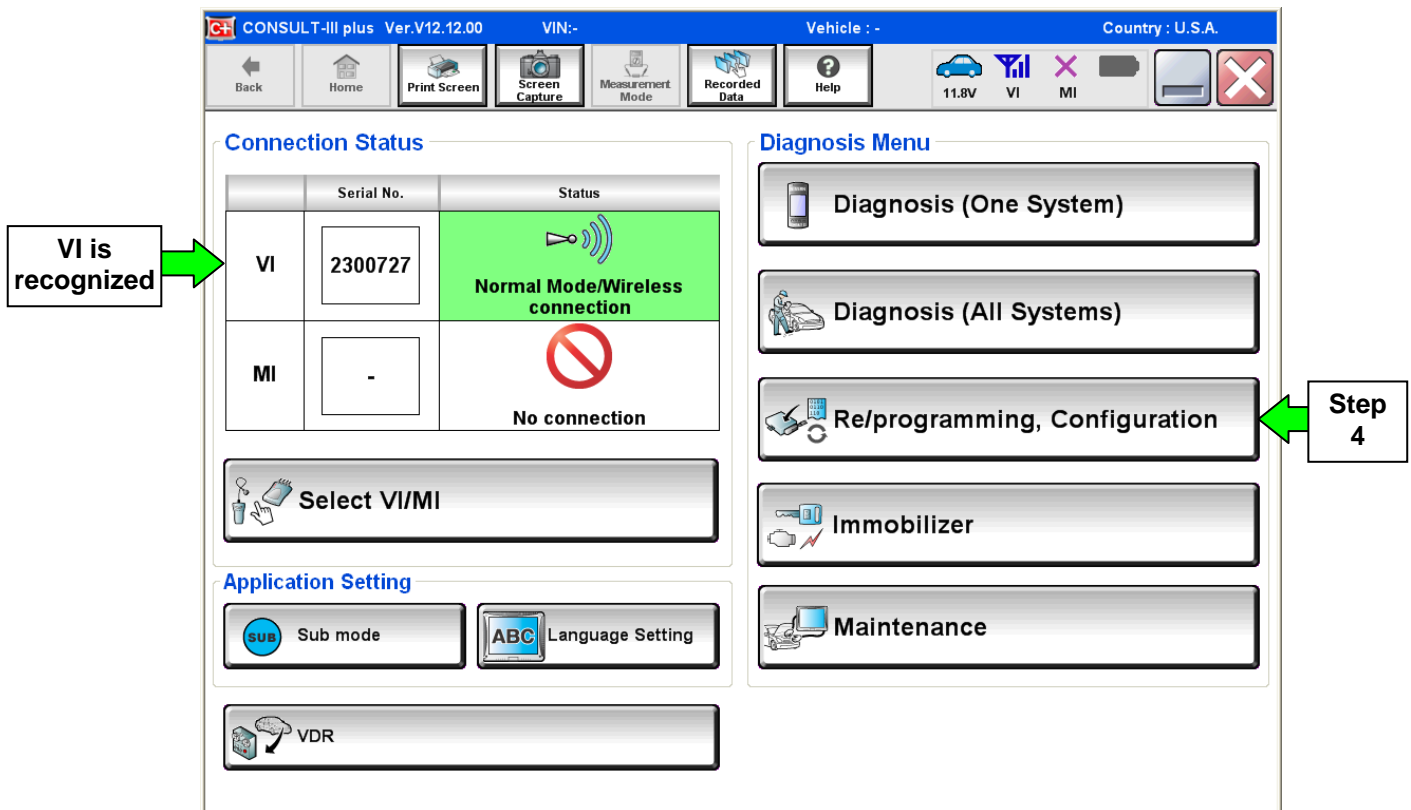4. Select **Re/programming, Configuration**.

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 TCM **Part Number** and write it on the repair order.

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

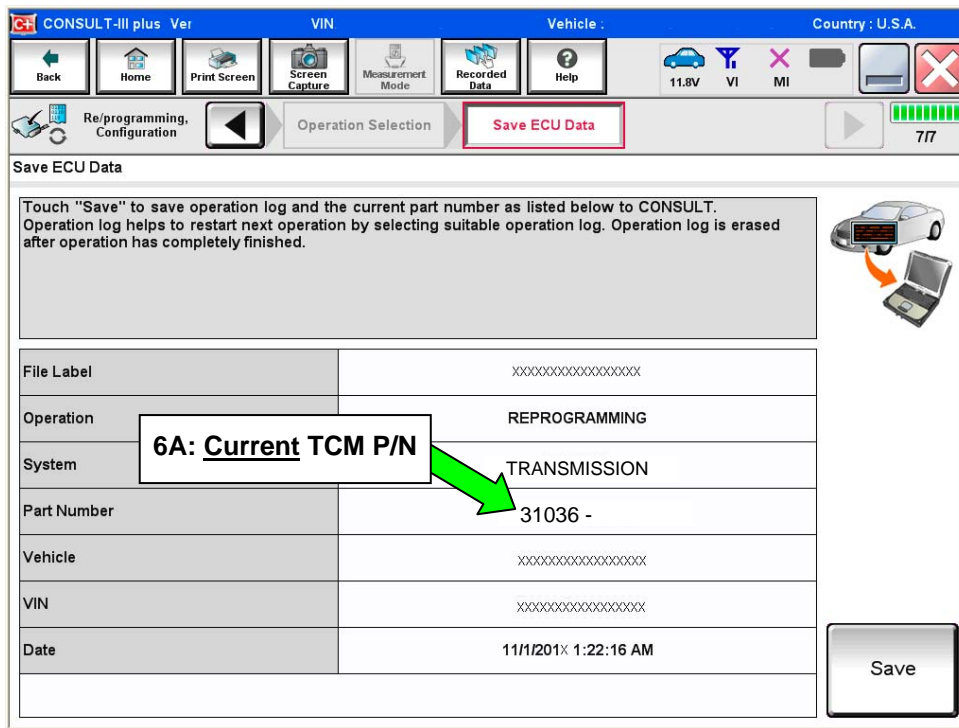| CONSULT-III plus Ver | VIN | Vehicle : | Country : U.S.A. |

Figure 2

B. Compare the P/N you wrote down to the numbers in the **Current TCM Part Number** column in **Table A** below.

   • If there is a match, this bulletin applies. Continue with the reprogramming procedure.

   • If there is not a match, this bulletin does not apply. Close C-III plus and refer to ASIST for further diagnostic information.

Table A

Model	Model Year	Current TCM Part Number Before Reprogramming: 31036 - XXXXX
Altima Sedan (L33)	13MY	3NT0A, 3TA0A, 3TA4A, 3TA6A, 3TA4B
Pathfinder (R52)	13MY	3KA2A, 3KD2A, 3KA4A, 3KA4B, 3KD4A, 3KD4B

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

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 <u>blank</u> (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.

  IMPORTANT: If C-III plus locks up or freezes at this point or displays "*cannot complete reprogramming, CONSULT PC is set up with User Rights. Reprogramming can be completed with Administrator log in*", the TOUGHBOOK settings need to be changed so that Users have full access rights. See your Dealership's IT System Administrator for details.
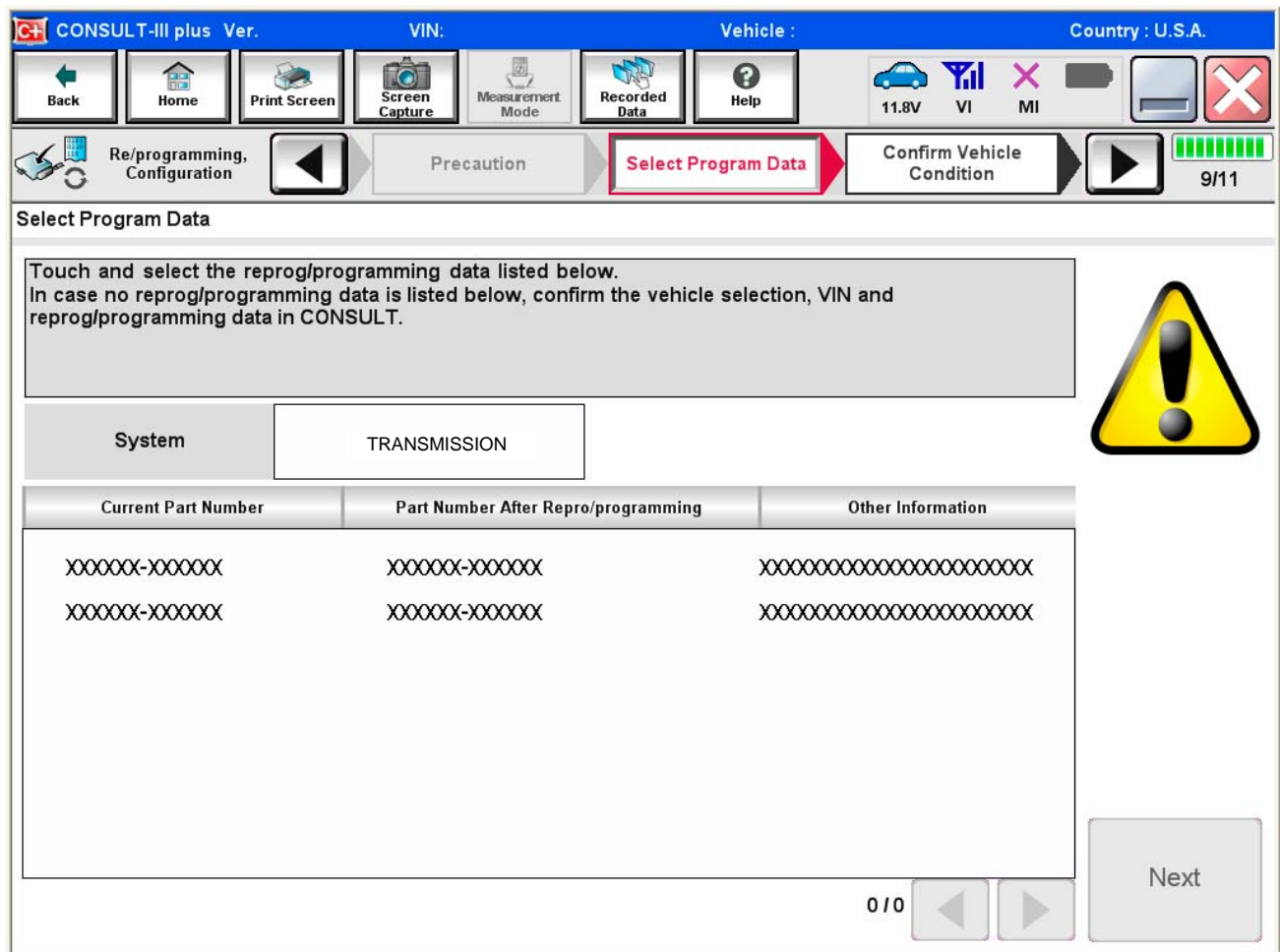

CONSULT-III plus Ver.	VIN:	Vehicle :	Country : U.S.A.

| Back | Home | Print Screen | Screen Capture | Measurement Mode | Recorded Data | Help | 11.8V | VI | MI | | |

| Re/programming, Configuration | ◀ | Precaution | Select Program Data | Confirm Vehicle Condition | ▶ | 9/11 |

Select Program Data

Touch and select the reprog/programming data listed below.
In case no reprog/programming data is listed below, confirm the vehicle selection, VIN and reprog/programming data in CONSULT.

System	TRANSMISSION

Current Part Number	Part Number After Repro/programming	Other Information
XXXXXX-XXXXXX	XXXXXX-XXXXXX	XXXXXXXXXXXXXXXXXXXXXX
XXXXXX-XXXXXX	XXXXXX-XXXXXX	XXXXXXXXXXXXXXXXXXXXXX

0 / 0   ◀ ▶

Next

Figure 3

8. When the screen in Figure 4 displays, reprogramming is complete.

   NOTE: If the screen in Figure 4 does <u>not</u> display (reprogramming does <u>not</u> complete), refer to the information on the next page.

9. Disconnect the battery charger from the vehicle.
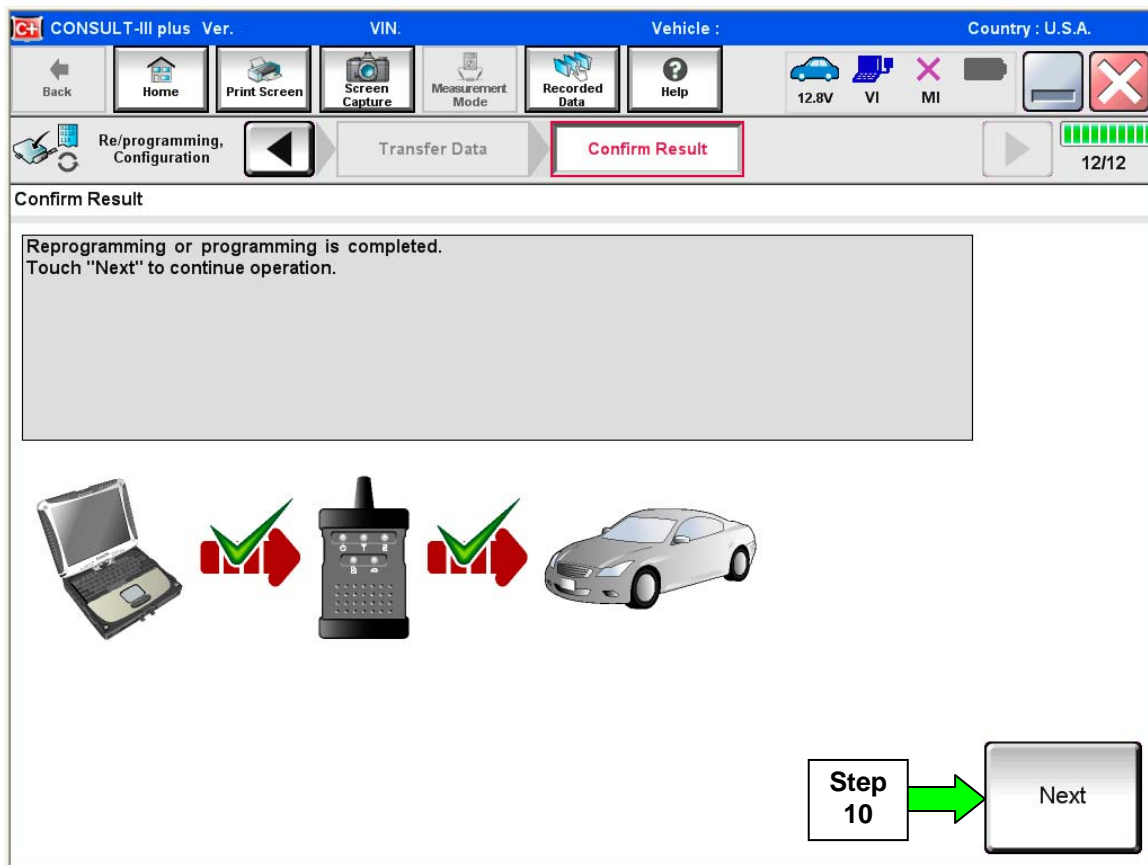
10. Select **Next**.

Figure 4

NOTE:

- In the next step (page 8), you will perform **Erase All DTCs**.

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

TCM recovery:

<u>Do not disconnect plus VI or shut down C-III plus if reprogramming does not complete.</u>

If reprogramming does <u>not</u> complete and the "!?" icon displays as shown in Figure 5:

- Check battery voltage (12.0–15.5 V).

- Ignition is ON, engine OFF.

- External Bluetooth® devices are OFF.

- All electrical loads are OFF.

- **Select <u>retry</u> and follow the on screen instructions.**

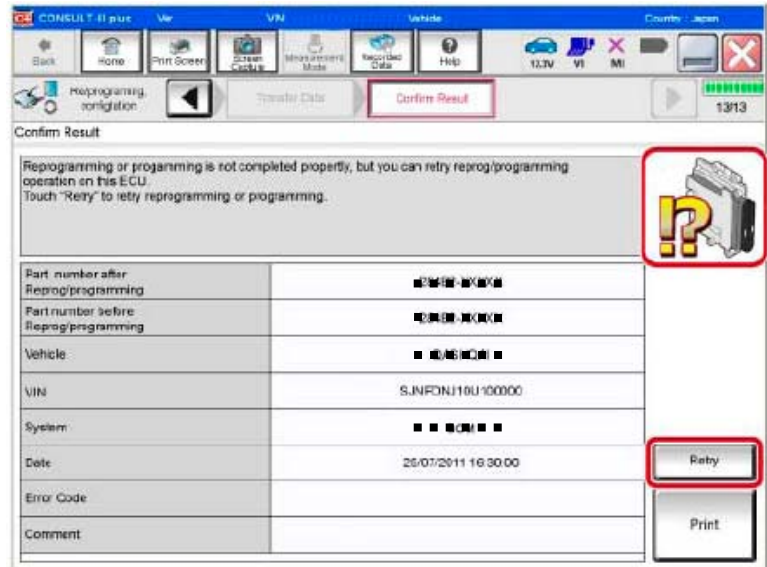- <u>"Retry" may not go through on first attempt and can be selected more than once</u>.

Figure 5

If reprogramming does <u>not</u> complete and the "X" icon displays as shown in Figure 6:

- 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.

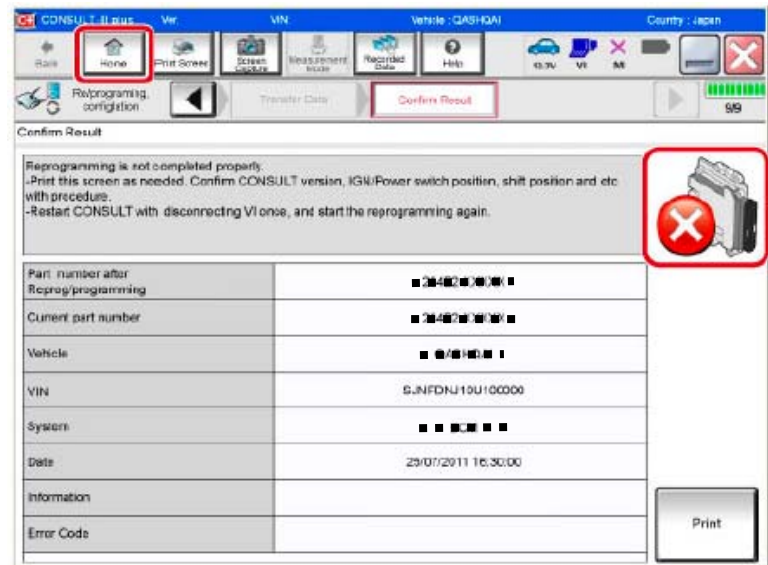- **Select <u>Home</u>, and restart the reprogram procedure from the beginning.**

Figure 6

11. Follow the on-screen instructions to **Erase All DTCs**.

12. When the entire reprogramming process is complete, the screen in Figure 7 will display.

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

14. Print a copy of this screen (Figure 7) and attach it to the repair order for warranty documentation.
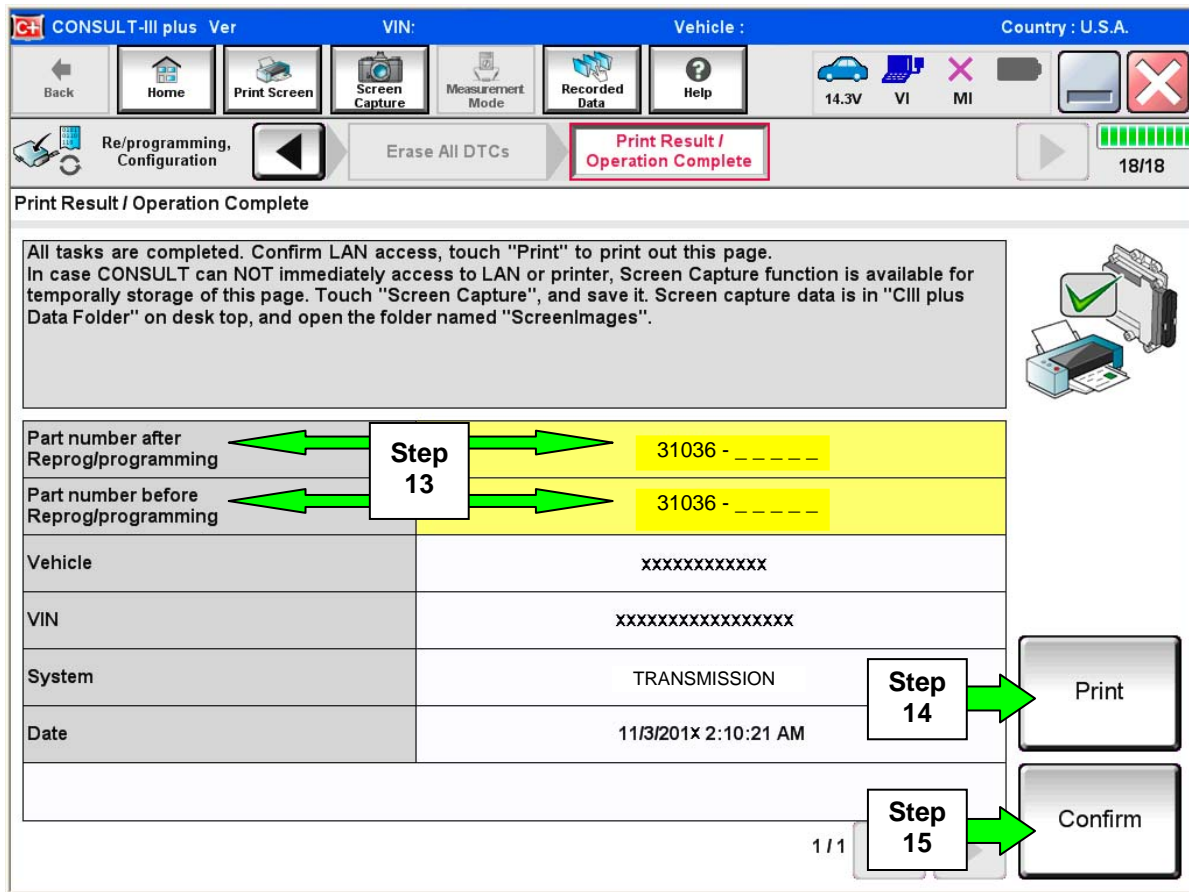
15. Select **Confirm**.

Figure 7

16. Close C-III plus.

17. Turn the ignition OFF.

18. Disconnect the plus VI from the vehicle.

19. Make sure the vehicle operates correctly and the MIL is OFF.

    - If the MIL comes ON, go back to ASIST for further diagnostic information.

    - Diagnosis and repairs beyond TCM reprogramming are not covered by this bulletin.