



VOLUNTARY RECALL CAMPAIGN

Classification: AT22-012	Reference: NTB22-085	Date: September 28, 2022
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VOLUNTARY SAFETY RECALL CAMPAIGN 2020-2022 TITAN/TITAN XD; TCM AND ECM REPROGRAM

CAMPAIGN ID #: R22B1, R22A9
APPLIED VEHICLES: 2020-2022 Titan and Titan XD (A61)

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

INTRODUCTION

Nissan is conducting this voluntary safety recall campaign, on certain specific model year 2020-2022 Titan and Titan XD vehicles, to reprogram the TCM and ECM. This service will be performed at no charge to the customer for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification numbers R22B1 (2WD) and R22A9 (4WD) 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 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, 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.

SERVICE PROCEDURE

Confirm the current TCM part number

IMPORTANT: Before starting, make sure:

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

NOTICE

- Connect a battery maintainer or smart charger set to reflash mode or a similar setting. If the vehicle battery voltage drops below 12.0V or rises above 15.5V during reprogramming, the TCM or ECM may be damaged.
- 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 any other electrical loads remain ON, the TCM or 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 TCM or 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 or VI during reprogramming, reprogramming may be interrupted and the TCM or ECM may be damaged.

HINT:

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

1. Connect the VI to the vehicle.
2. Start C-III plus.
3. Wait for the VI to be recognized (Figure 1 on page 3).
 - The serial number will display when the VI is recognized.

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

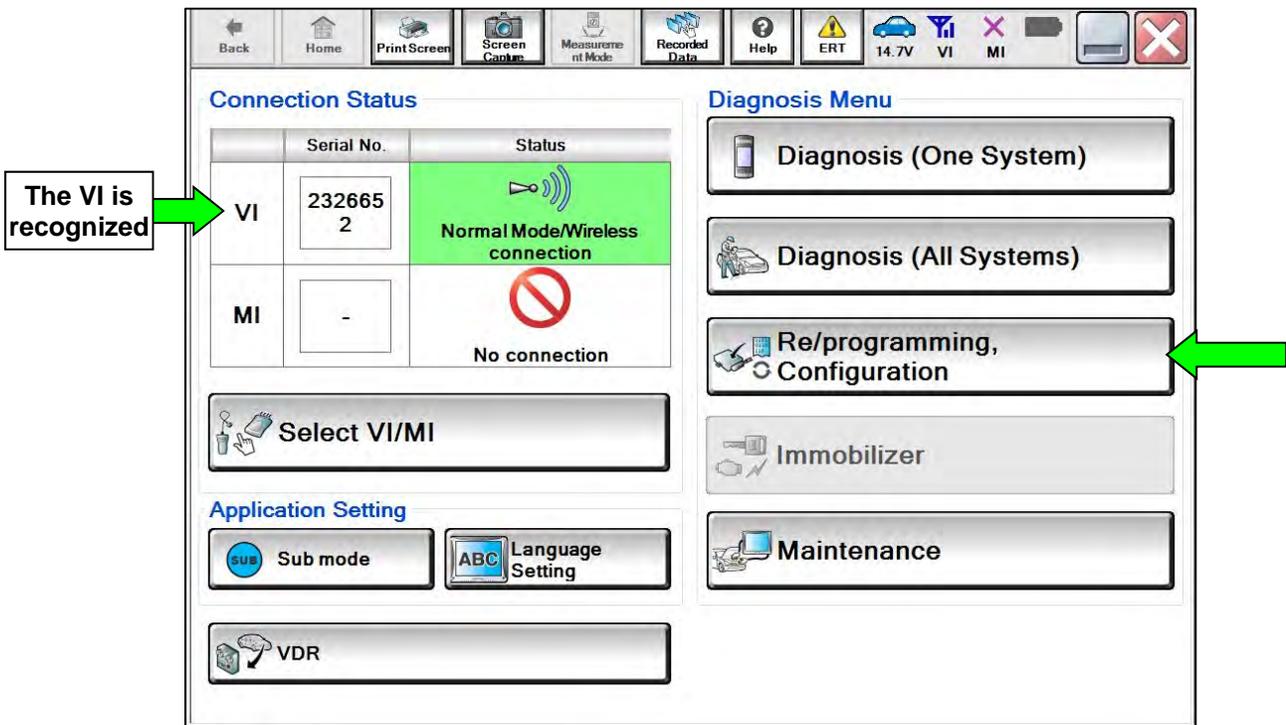


Figure 1

5. Check the box to confirm the precaution instructions have been read, and then select **Next**.

NOTE: Use the arrows (if needed) to view and read all the precautions.

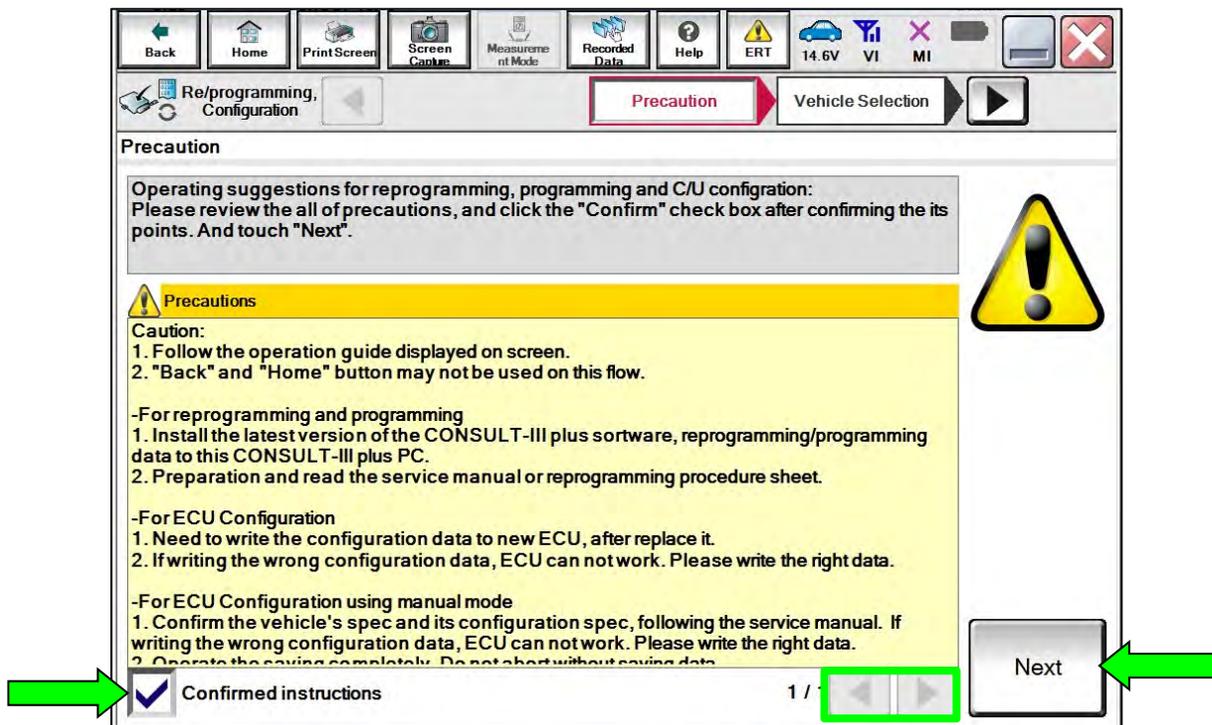


Figure 2

6. Select Automatic Selection(VIN).

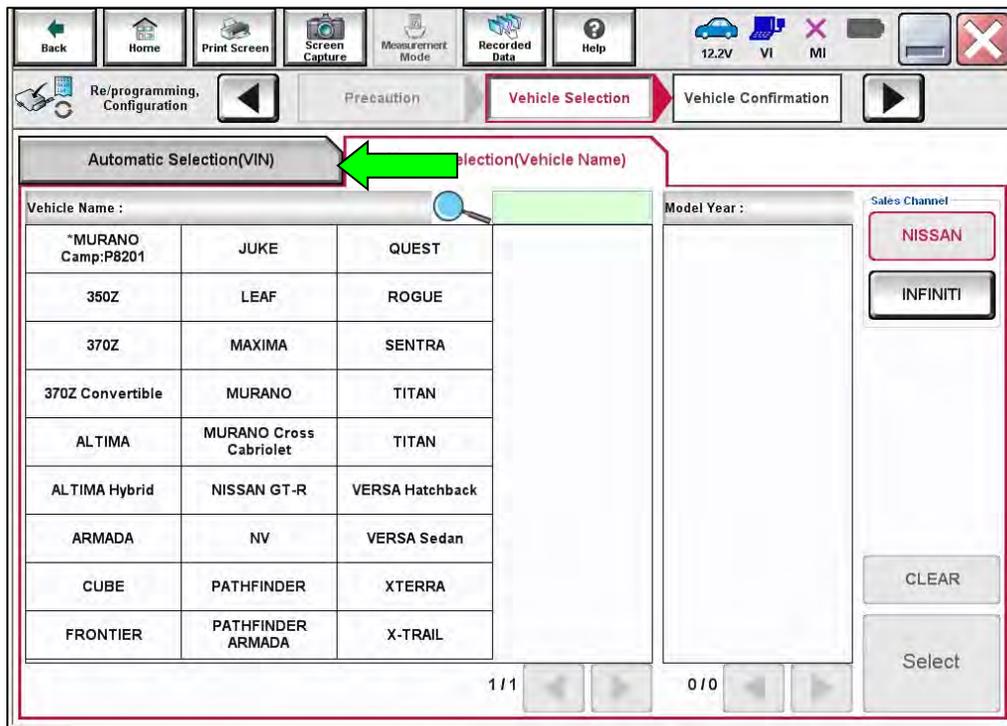


Figure 3

7. Allow C-III plus to perform automatic VIN selection.

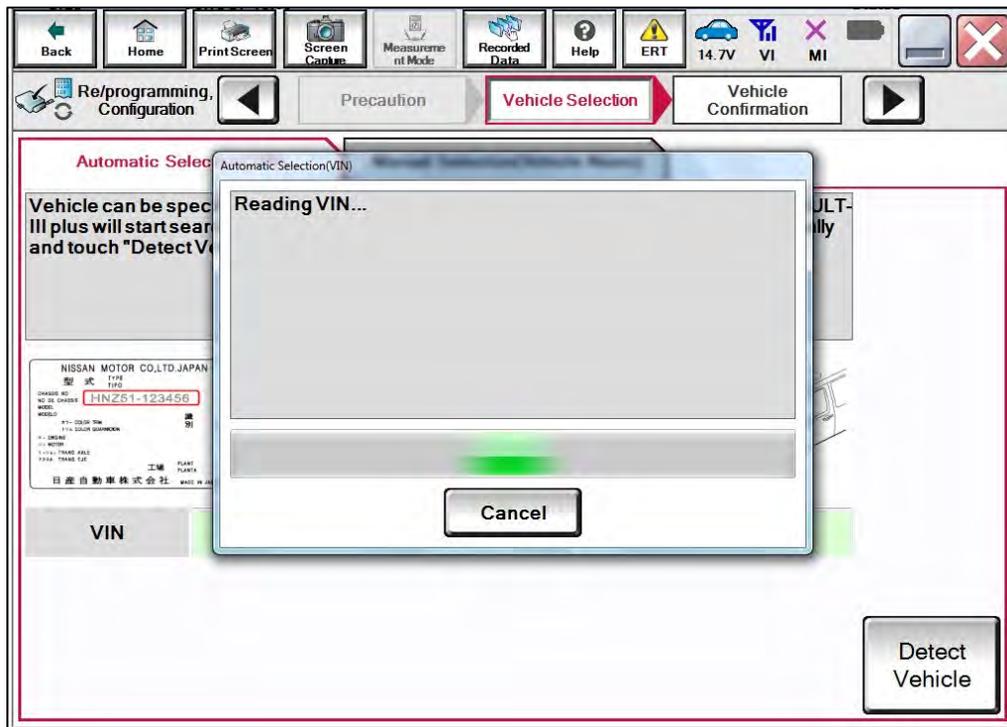


Figure 4

8. Confirm the **VIN or Chassis #** is correct, and then select **Confirm**.

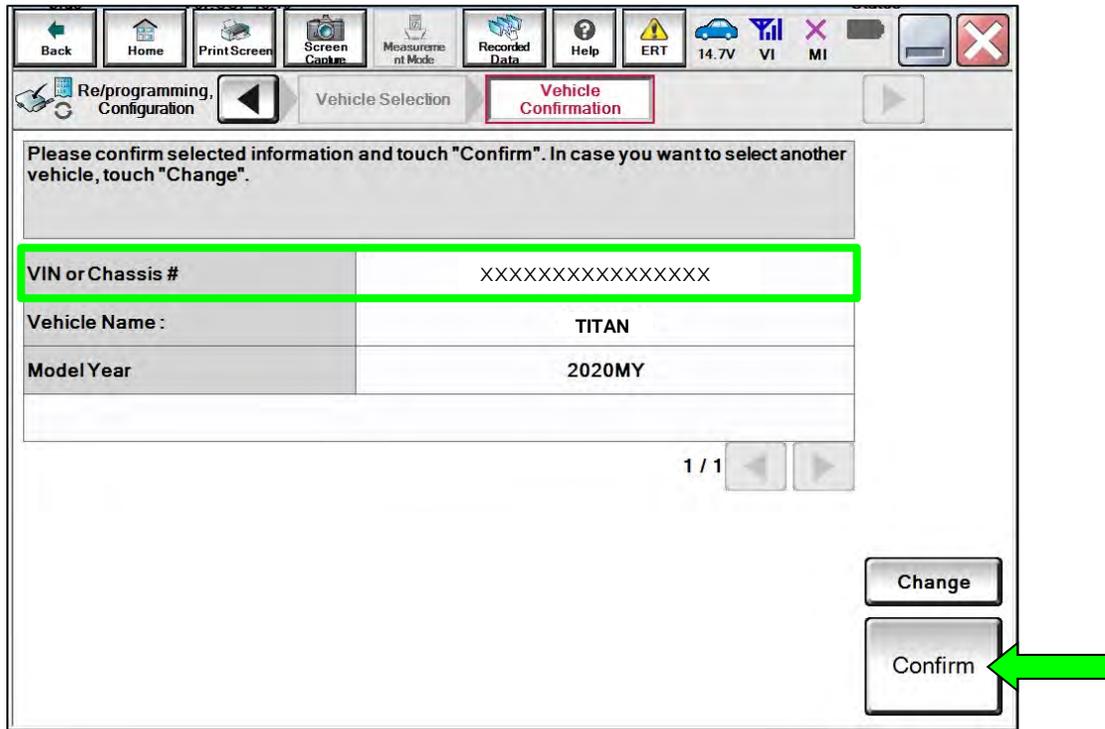


Figure 5

9. Allow the System call to be performed.

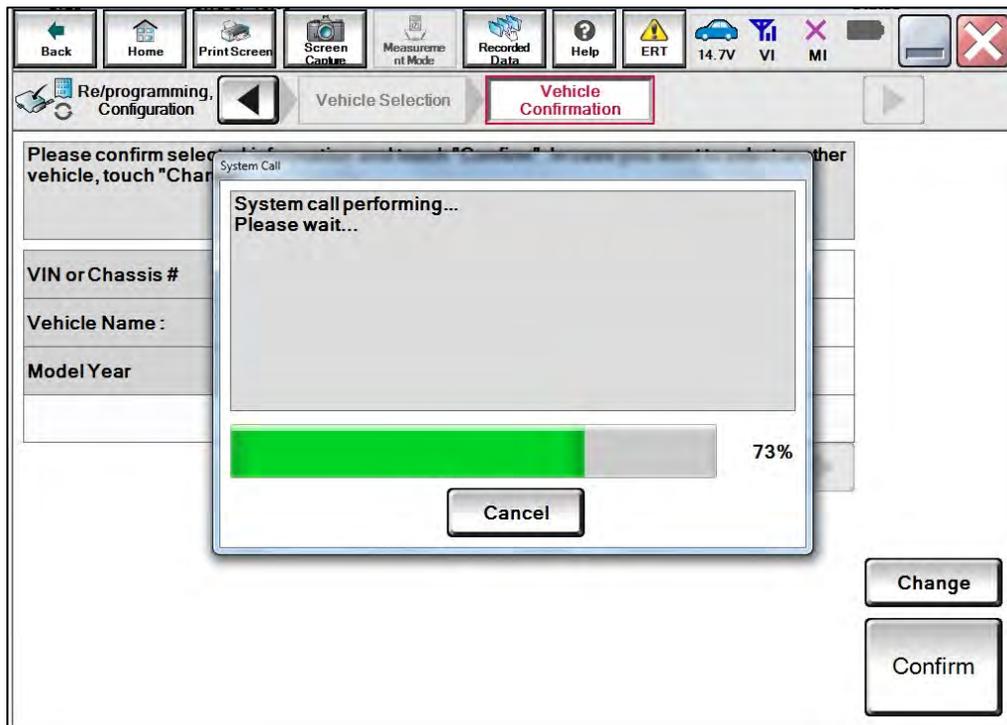


Figure 6

10. Confirm the VIN is correct for the vehicle, and then select **Confirm**.

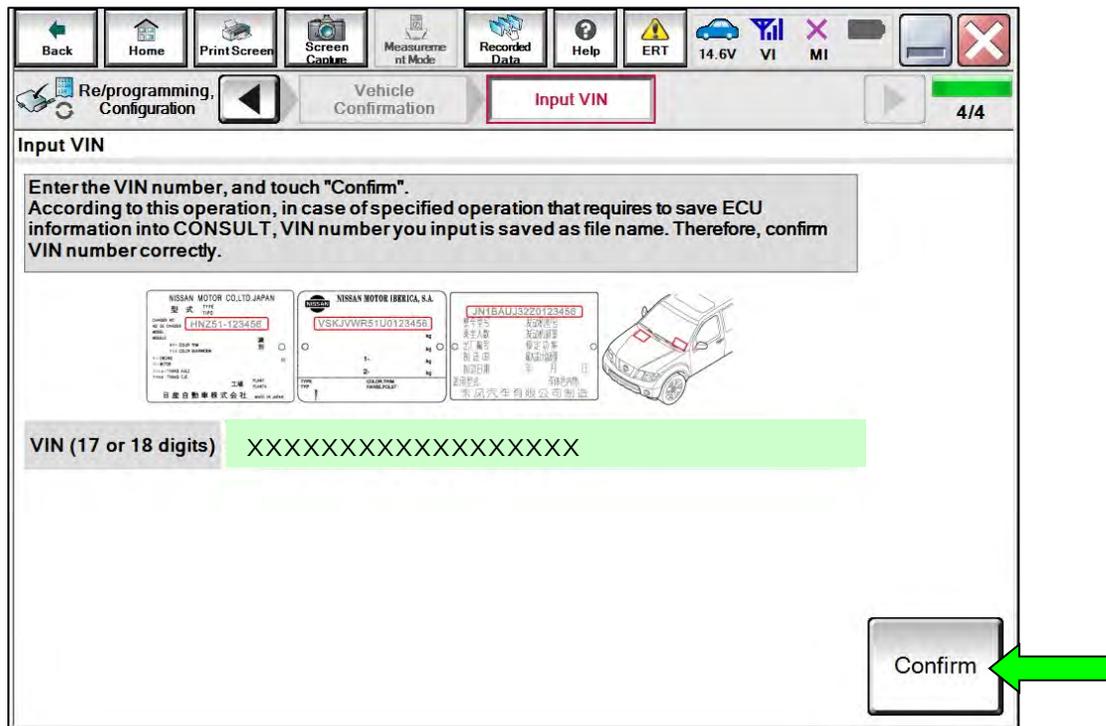


Figure 7

11. Select **TRANSMISSION**.

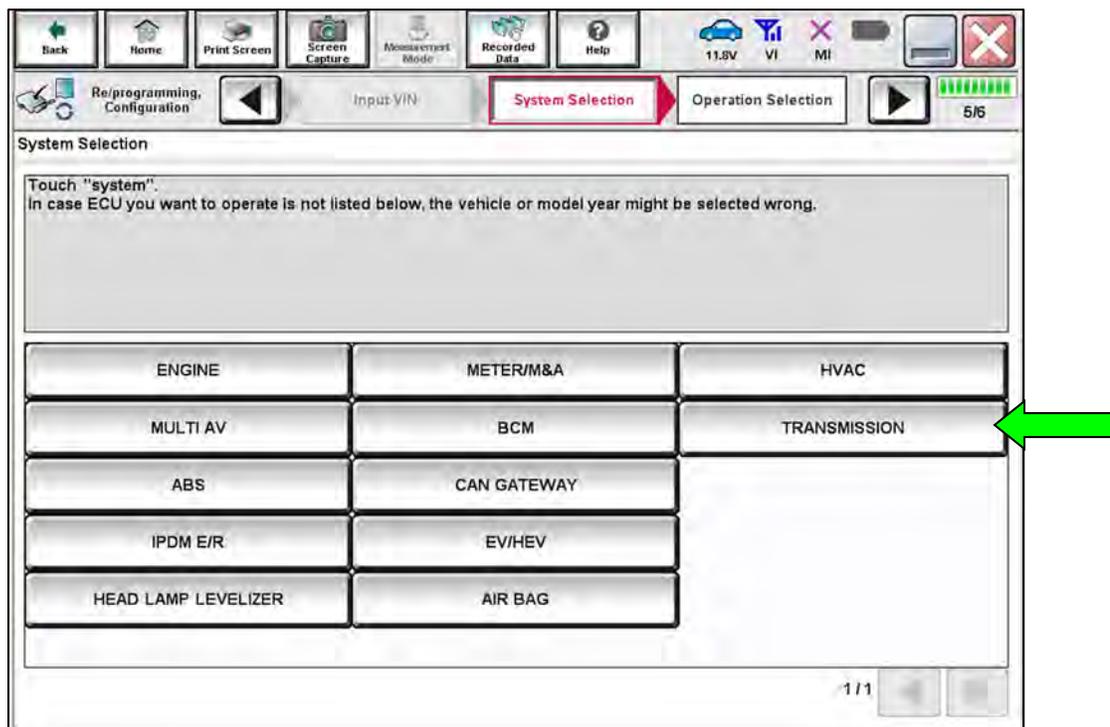


Figure 8

12. Select **Reprogramming**.

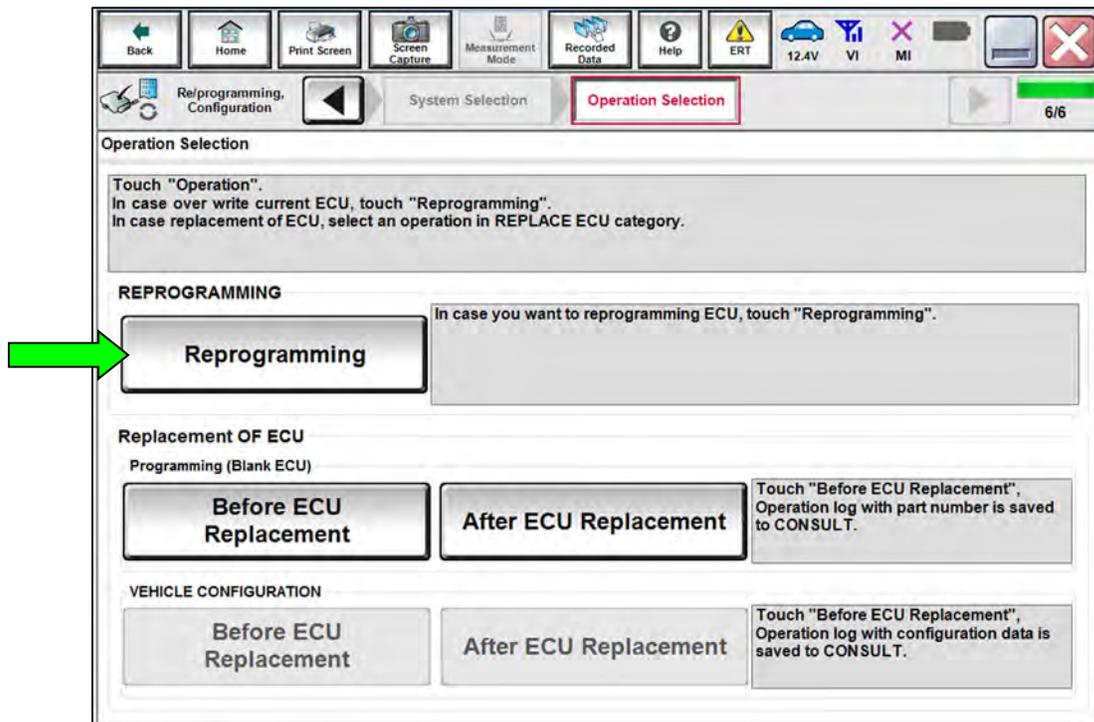


Figure 9

13. Find the TCM **Part Number** and write it on the repair order, and then select **Save**.

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

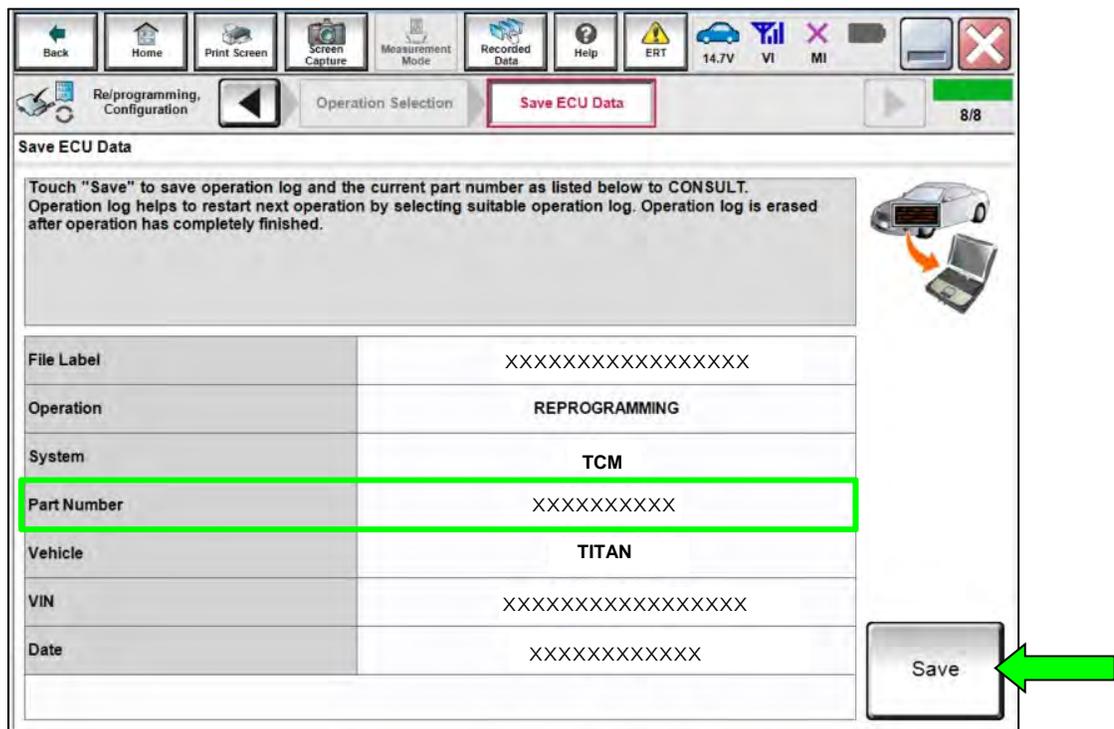


Figure 10

14. Compare the Part Number you wrote down in step 13 on page 7 to the numbers in the **CURRENT TCM PART NUMBER** column in **Table A** below.

- If there is a match, proceed to step 15 on page 9 to continue the TCM reprogramming procedure.
- If there is not a match, reprogramming is not needed. Skip to **CLAIMS INFORMATION** on the last page.

NOTE: If TCM reprogramming is not needed, ECM reprogramming is not required.

Table A

GRADE	MODEL YEAR	CURRENT TCM PART NUMBER: 31039 -
4WD	2020	9FV3A, 9FV3B, 9FV3D, 9FV3E, 9FV4E, 9FV5C, 9FV7A, 9FV7B, 9FV7D, 9FV7E, 9FW1B, 9FW1C, 9FW2B, 9FW2C
	2021	9FV3D, 9FV3E, 9FV5A, 9FV5B, 9FV7D, 9FV7E 9FV8B, 9FV8C 9FW4A, 9FW4B, 9FW5A, 9FW5B, 9FW7B, 9FW7C, 9FW7E, 9FW8B, 9FW8C, 9FW8E, 9FW9B, 9FW9C
	2022	9FW7C , 9FW7E, 9FW8C, 9FW8E, 9FW9B, 9FW9C
2WD	2020	9FV1A, 9FV1B, 9FV1D, 9FV1E, 9FV4D, 9FW0B, 9FW0C
	2021	9FV1D, 9FV1E, 9FV4B, 9FV4C 9FW3A, 9FW3B, 9FW6B, 9FW6C, 9FW6E, 9FW9A
	2022	9FW6C, 9FW6E, 9FW9A

Reprogram the TCM

15. Follow the on-screen instructions to navigate C-III plus and reprogram the TCM.
 - If you get this screen and it is blank (no reprogramming listed), it means there is no reprogramming available for this vehicle.

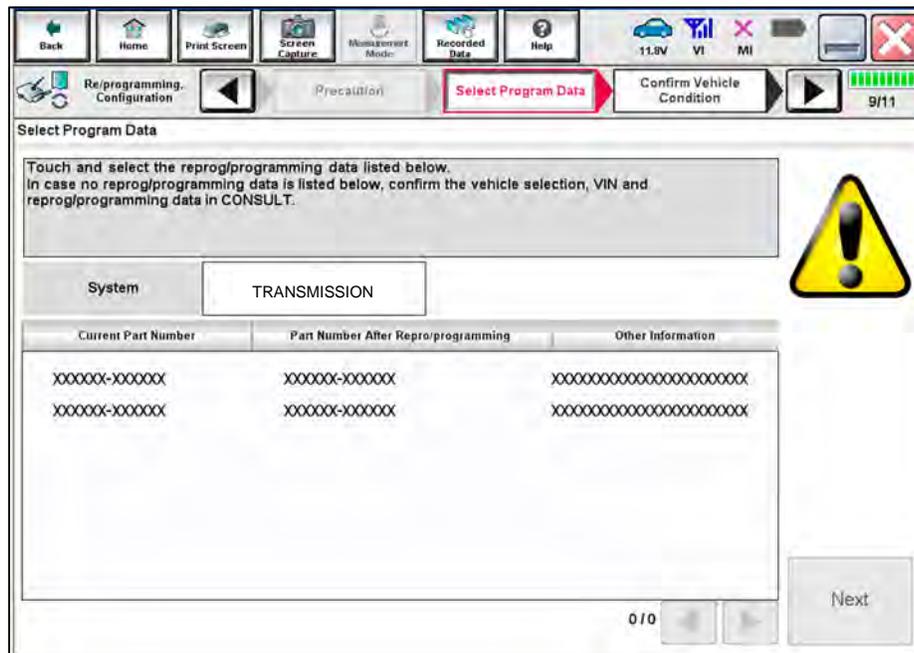


Figure 11

16. Select **Next**, and then proceed to step 17 on page 11.

NOTE: When the screen in Figure 12 displays, TCM reprogramming is complete. If the screen in Figure 12 does not display (indicating that reprogramming did not complete), refer to the information on the next page.

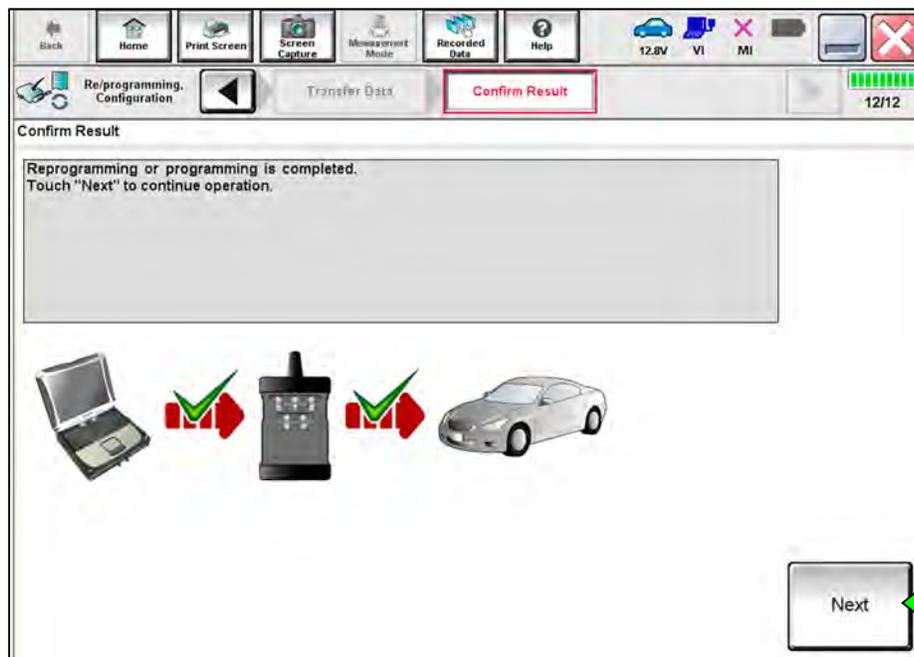


Figure 12

TCM Recovery:

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

If reprogramming does not complete and the “!?” icon displays, as shown in Figure 13:

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

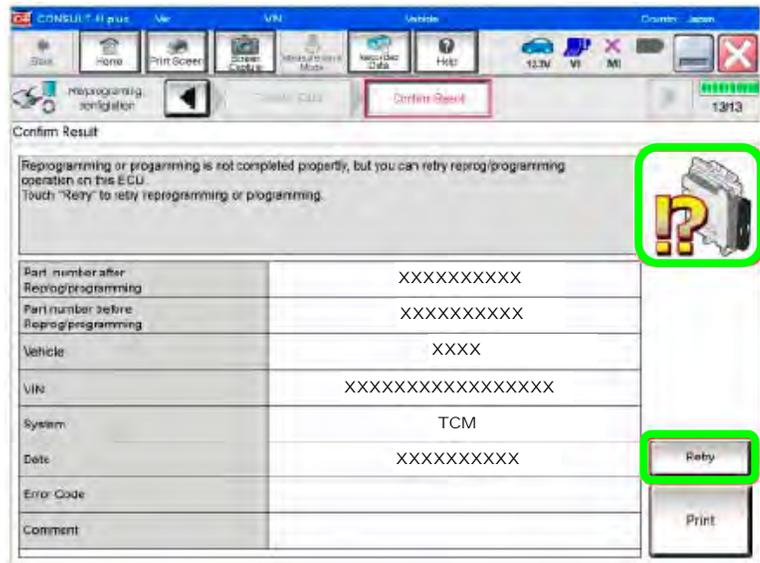


Figure 13

If reprogramming does not complete and the “X” icon displays, as shown in Figure 14:

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

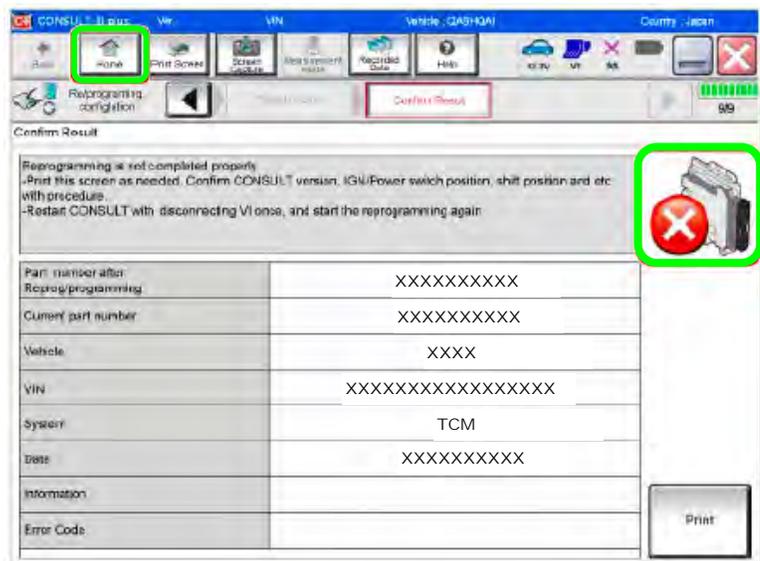


Figure 14

17. Follow the on-screen instructions to **Erase All DTCs**.
 - When the entire TCM reprogramming process is complete, the screen in Figure 15 will display.
18. Verify the before and after part numbers are different.
19. Print a copy of this screen (Figure 15) and attach it to the repair order for warranty documentation.
20. Select **Confirm**, and then proceed to step 21 on page 12 to confirm the ECM part number.

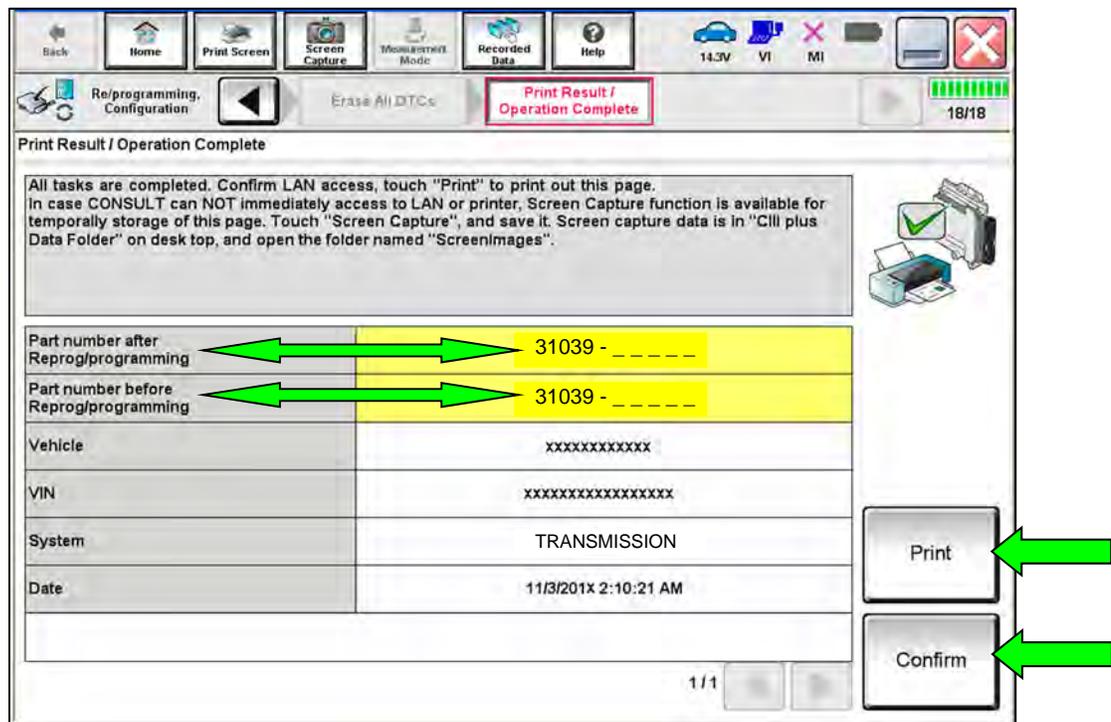


Figure 15

Confirm the current ECM part number

21. Return to the home screen and perform steps 4 - 10 on pages 3 - 6.
22. Select **ENGINE**.

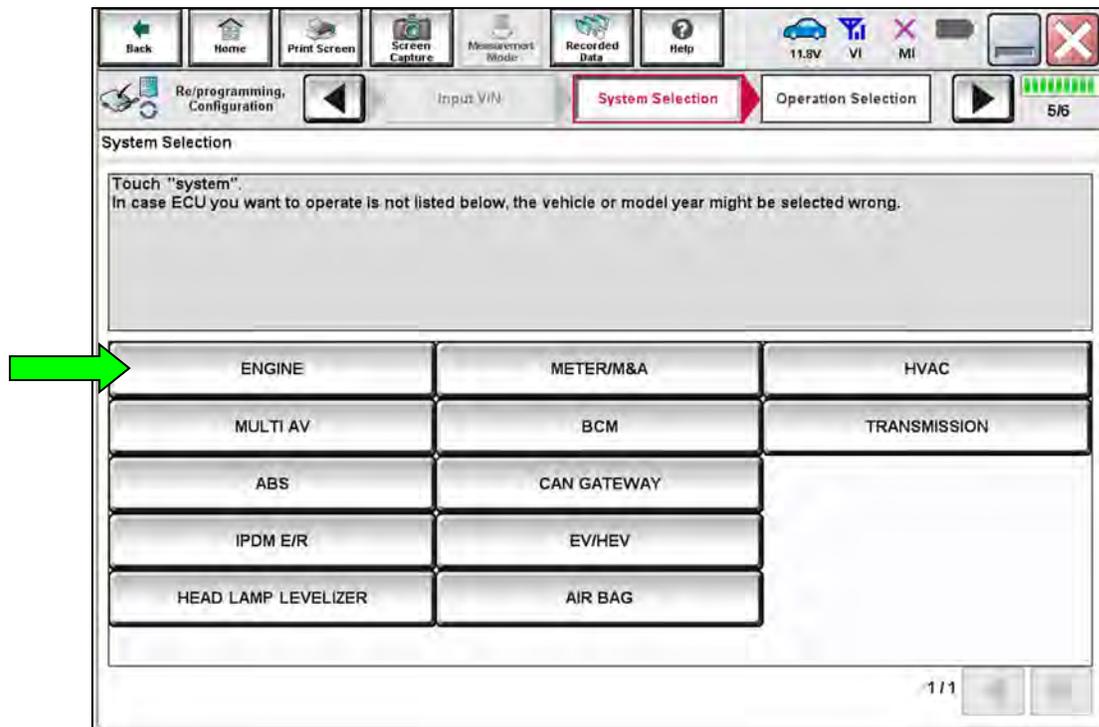


Figure 16

23. Select **Reprogramming**.

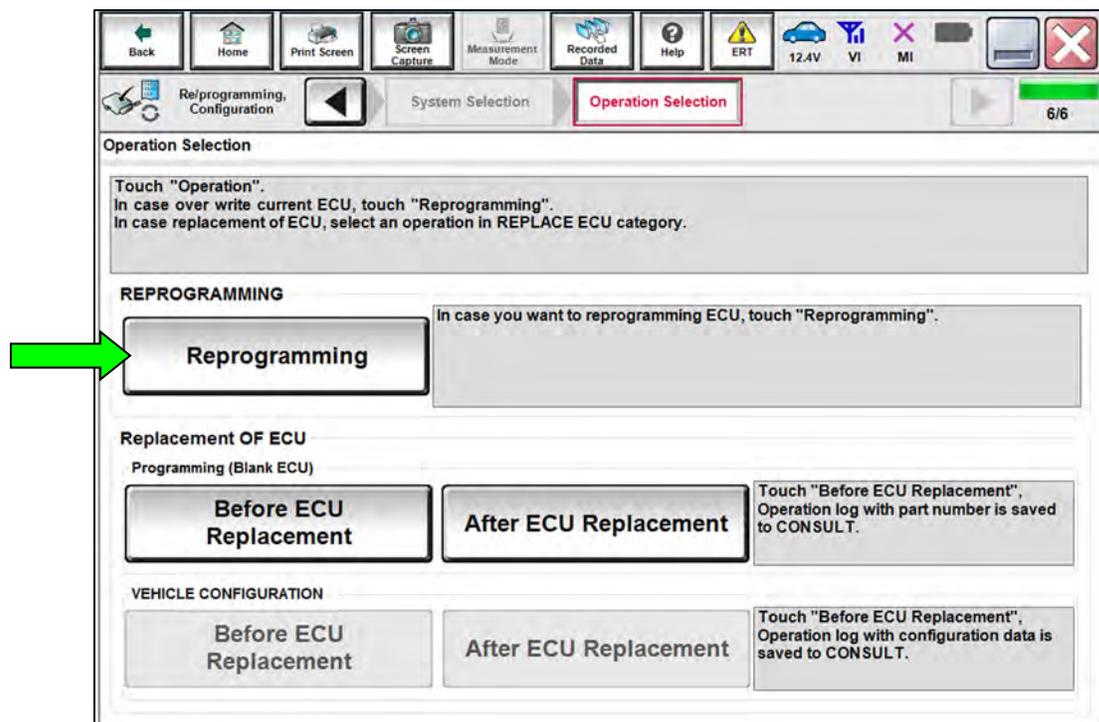


Figure 17

24. Find the ECM **Part Number** and write it on the repair order, and then select **Save**.

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

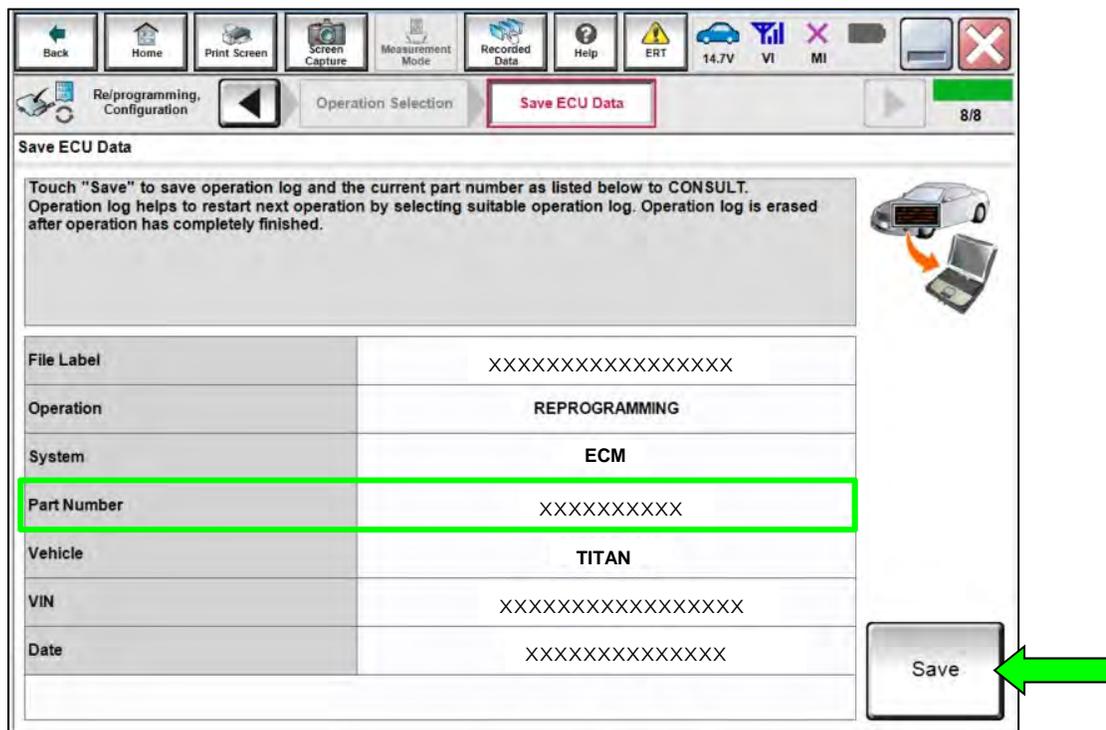


Figure 18

25. Compare the Part Number you wrote down in step 24 to the numbers in the **CURRENT ECM PART NUMBER** column in **Table B** below.

- If there is a match, continue to step 26 on page 14 to continue the ECM reprogramming procedure.
- If there is not a match, ECM reprogramming is not needed and the procedure is complete. Skip to **CLAIMS INFORMATION** on the last page.

Table B

GRADE	MODEL YEAR	CURRENT ECM PART NUMBER: 23710 -
4WD	2020	FV93B, FV93C, FV93D, EZ94B, EZ94C, EZ94D 9FV8C, 9FV8D, 9FV8E, 9FV9C, 9FV9D, 9FV9E
	2021	9FW3B, 9FW3C, 9FW3D, 9FW3E 9FW4B, 9FW4C, 9FW4D, 9FW4E 9FW5B, 9FW5C, 9FW5D, 9FW5E 9FW6B, 9FW6C, 9FW6D, 9FW6E
	2022	9GK2C, 9GK2D, 9GK3C, 9GK3D, 9GK4C, 9GK4D 9GK5C, 9GK5D
2WD	2020	EZ91B, EZ91C, EZ91D, EZ92B, EZ92C, EZ92D
	2021	9FW1B, 9FW1C, 9FW1D, 9FW1E 9FW2B, 9FW2C, 9FW2D, 9FW2E
	2022	9GK0C, 9GK0D, 9GK1C, 9GK1D

Reprogram the ECM

26. 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.

- If you get this screen and it is blank (no reprogramming listed), it means there is no reprogramming available for this vehicle.

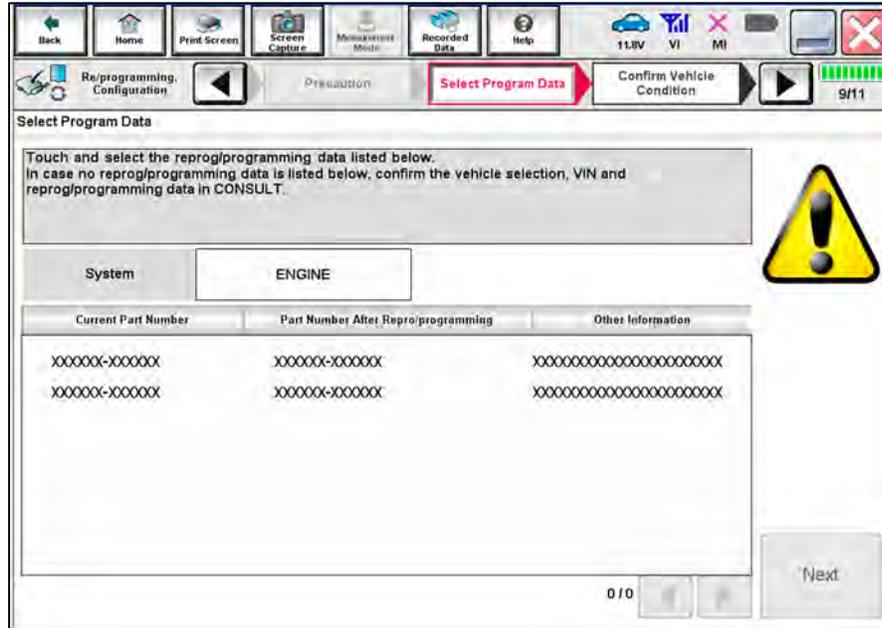


Figure 19

27. Select **Next**, and then proceed to step 28 on page 16.

NOTE: When the screen in Figure 20 displays, ECM reprogramming is complete. If the screen in Figure 20 does not display (indicating that reprogramming did not complete), refer to the information on the next page.

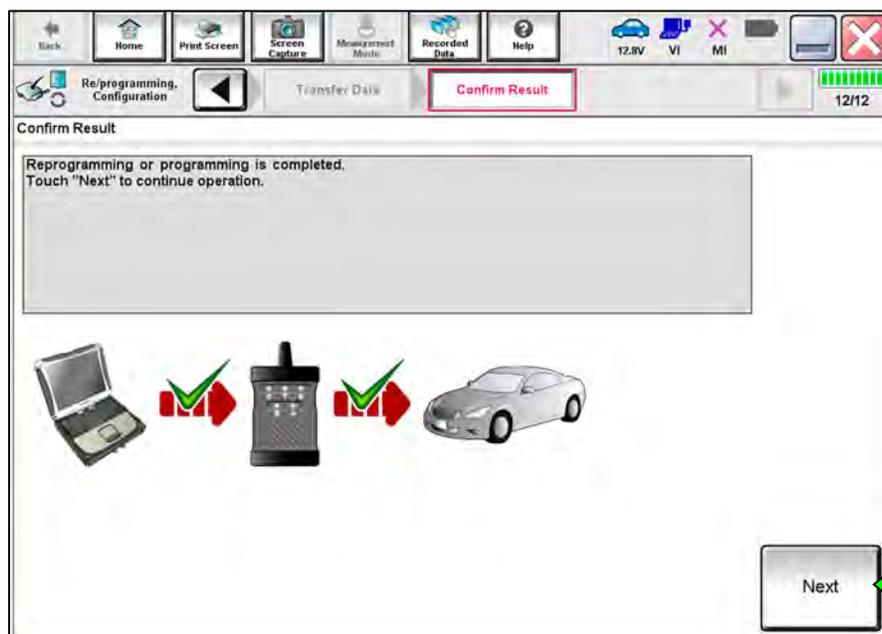


Figure 20

ECM Recovery:

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

If reprogramming does not complete and the “!?” icon displays as shown in Figure 21:

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

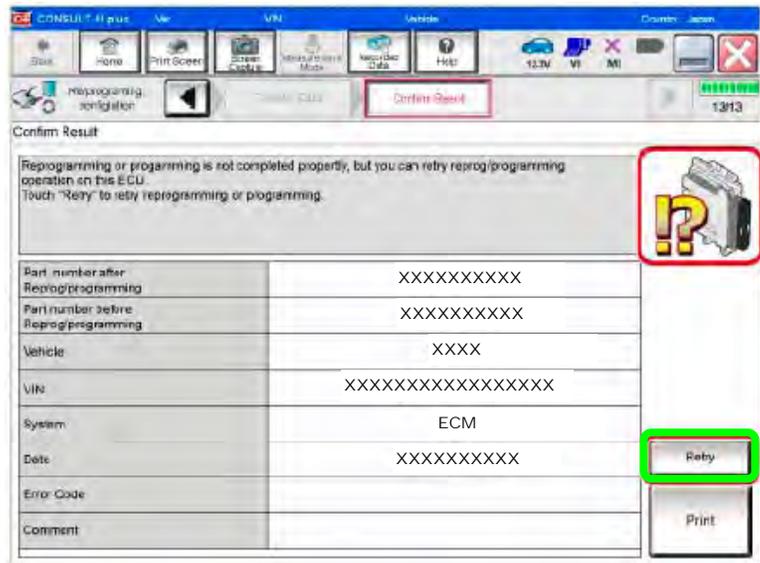


Figure 21

If reprogramming does not complete and the “X” icon displays as shown in Figure 22:

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

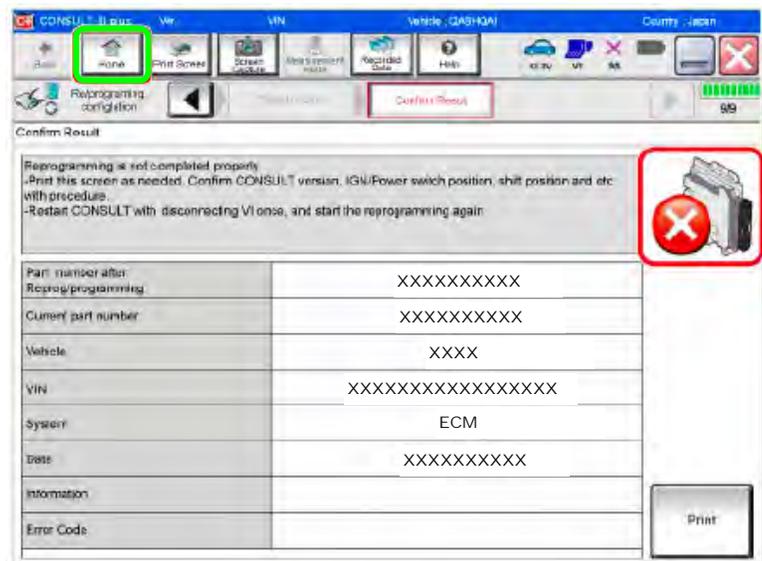


Figure 22

28. Follow the on-screen instructions to **Erase All DTCs**.
 - When the entire reprogramming process is complete, the screen in Figure 23 will display.
29. Verify the before and after part numbers are different.
30. Print a copy of this screen (Figure 23) and attach it to the repair order for warranty documentation.
31. Select **Confirm**.

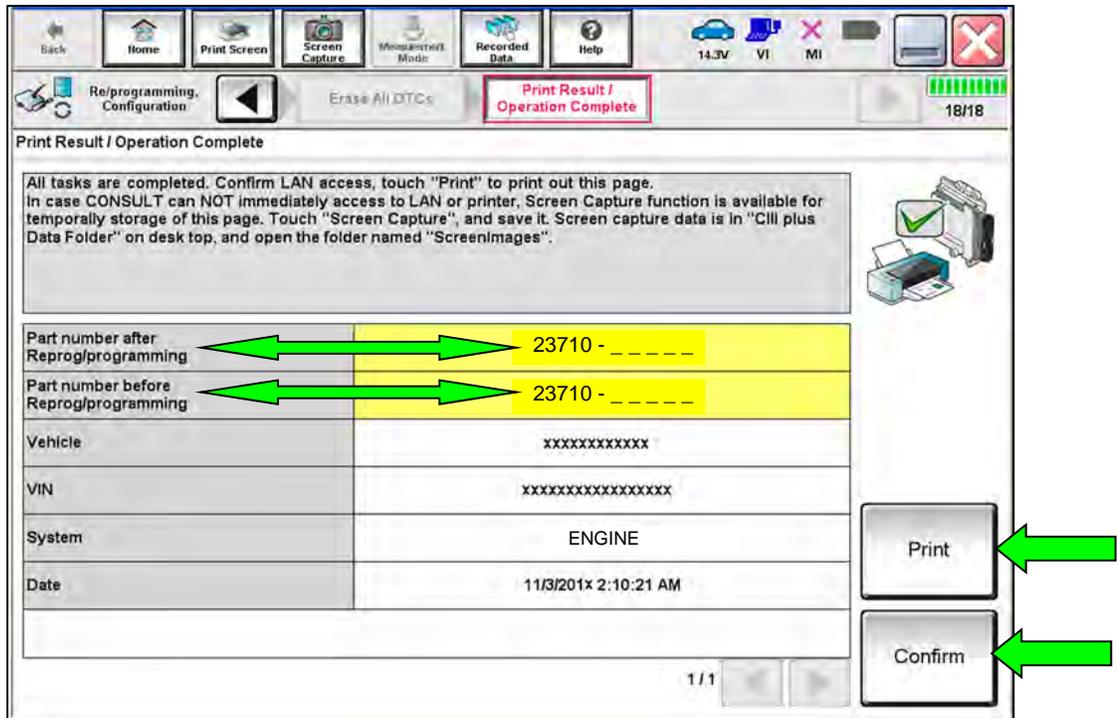


Figure 23

32. Disconnect the battery maintainer/smart charger from the vehicle.
33. Perform **Throttle Valve Closed Position, Idle Air Volume Learning and Accelerator Closed Position**.

CLAIMS INFORMATION

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

CAMPAIGN ("CM") ID	DESCRIPTION	OP CODE	FRT
R22A9 (4WD)	Check Software, Reprogram Not Needed	R22A91	0.3
	Check Software and Reprogram Transmission Control Module	R22A90	0.6
	Check Software and Reprogram Transmission Control Module and Engine Control Module	R22A93	0.8
R22B1 (2WD)	Check Software, Reprogram Not Needed	R22B11	0.3
	Check Software and Reprogram Transmission Control Module	R22B10	0.6
	Check Software and Reprogram Transmission Control Module and Engine Control Module	R22B13	0.8

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
September 28, 2022	NTB22-085	Original bulletin published