



VOLUNTARY RECALL CAMPAIGN

Classification:	Reference:	Date:
AT22-010A	NTB22-082A	September 28, 2022

VOLUNTARY SAFETY RECALL CAMPAIGN 2020-2022 FRONTIER; TCM REPROGRAM

This bulletin has been amended. See **AMENDMENT HISTORY** on the last page.
Please discard previous versions of this bulletin.

CAMPAIGN ID #: R22A9, R22B1
APPLIED VEHICLES: 2020-2021 Frontier (D40)
2022 Frontier (D41)

**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 Frontier vehicles to inspect and, if necessary, reprogram the Transmission Control Module (TCM). This service will be performed at no charge to the customer for parts or labor.

IDENTIFICATION NUMBER

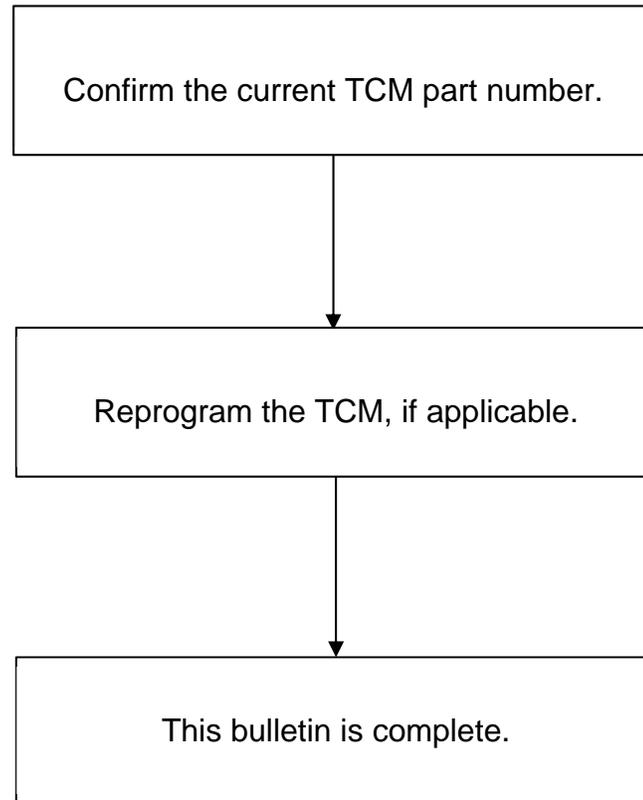
Nissan has assigned identification numbers R22A9 (4WD) and R22B1 (2WD) to this campaign. This number must appear on all communication and documentation of any nature dealing with this campaign.

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.

REPAIR OVERVIEW



SERVICE PROCEDURE

Confirm Current TCM Part Number

IMPORTANT: Before starting, make sure:

- ASSIST 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 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 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 or VI during reprogramming, reprogramming may be interrupted and the TCM may be damaged.
1. Connect the VI to the vehicle.
 2. Start C-III plus.
 3. Wait for the VI to be recognized (Figure 1 on page 4).
 - The serial number will display when the VI is recognized.

4. Select Re/programming, Configuration.

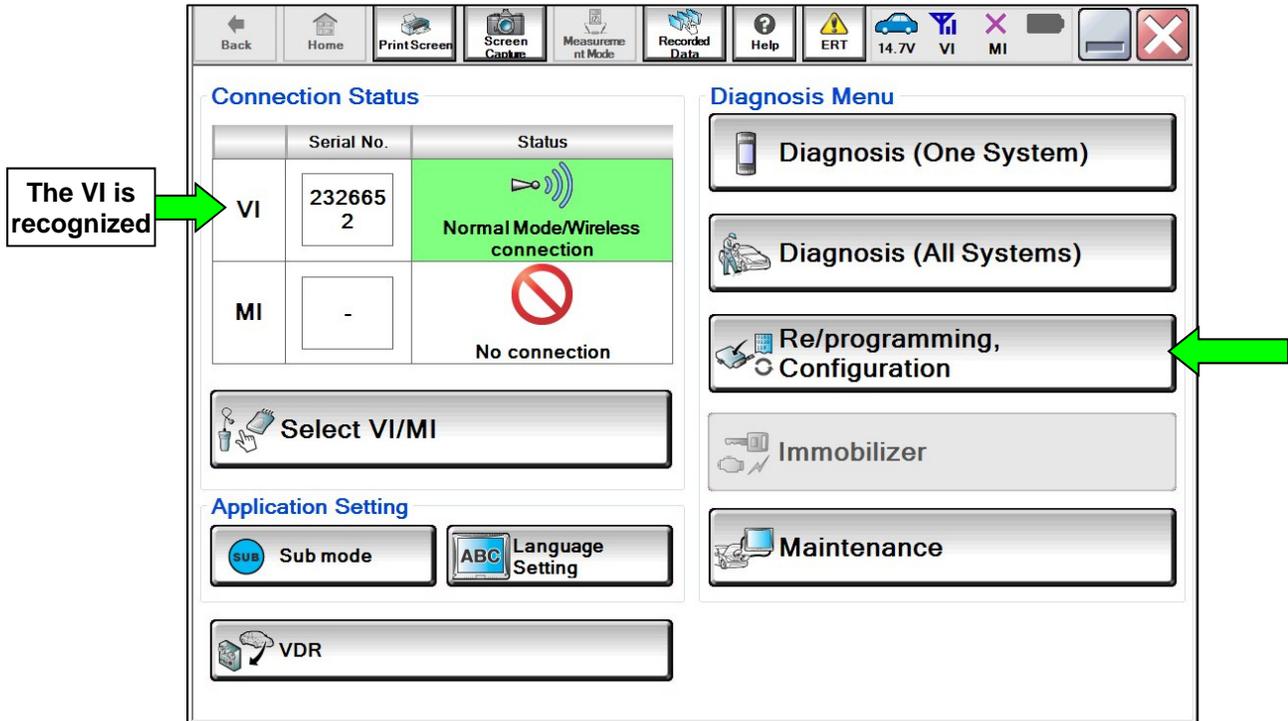


Figure 1

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.

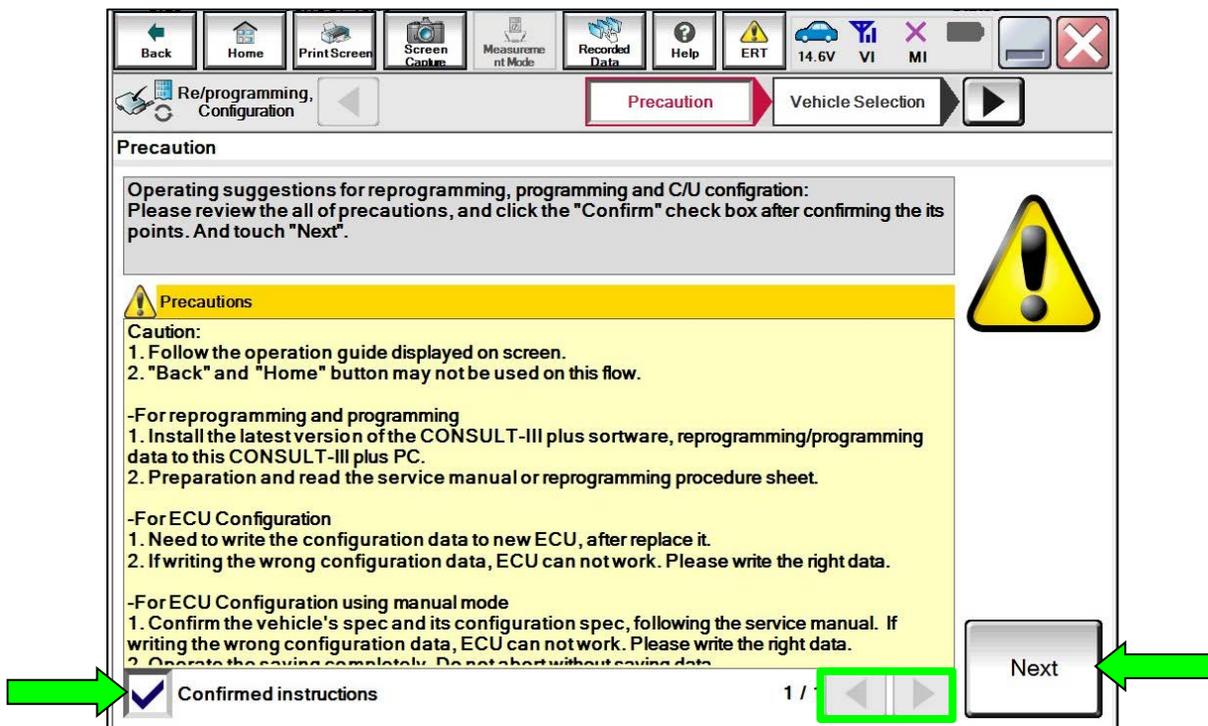


Figure 2

6. Select Automatic Selection(VIN).

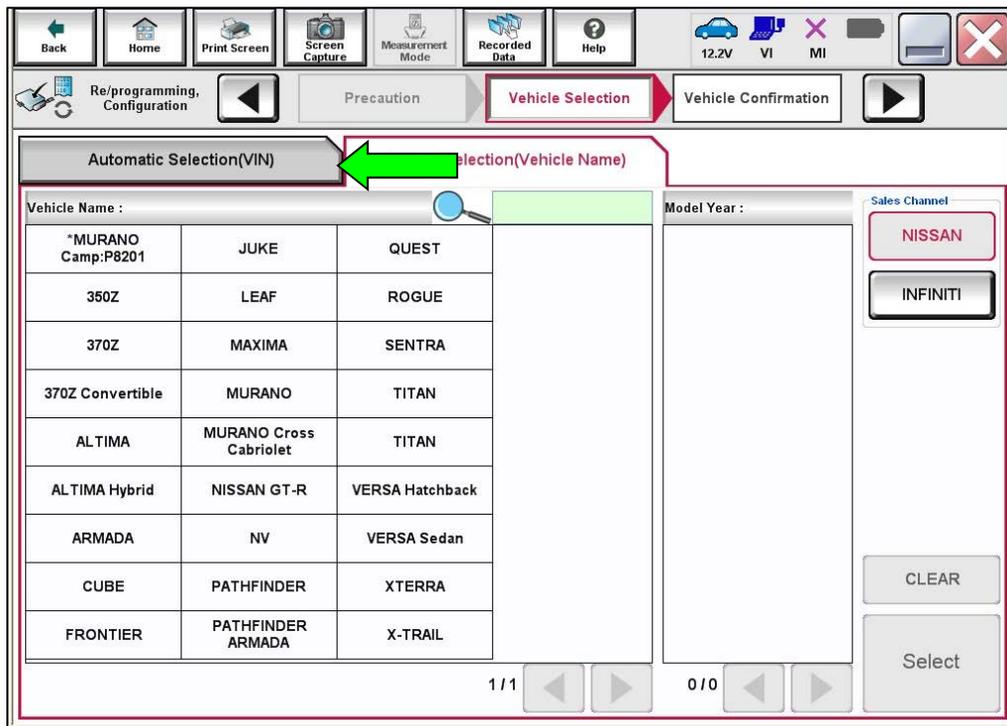


Figure 3

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

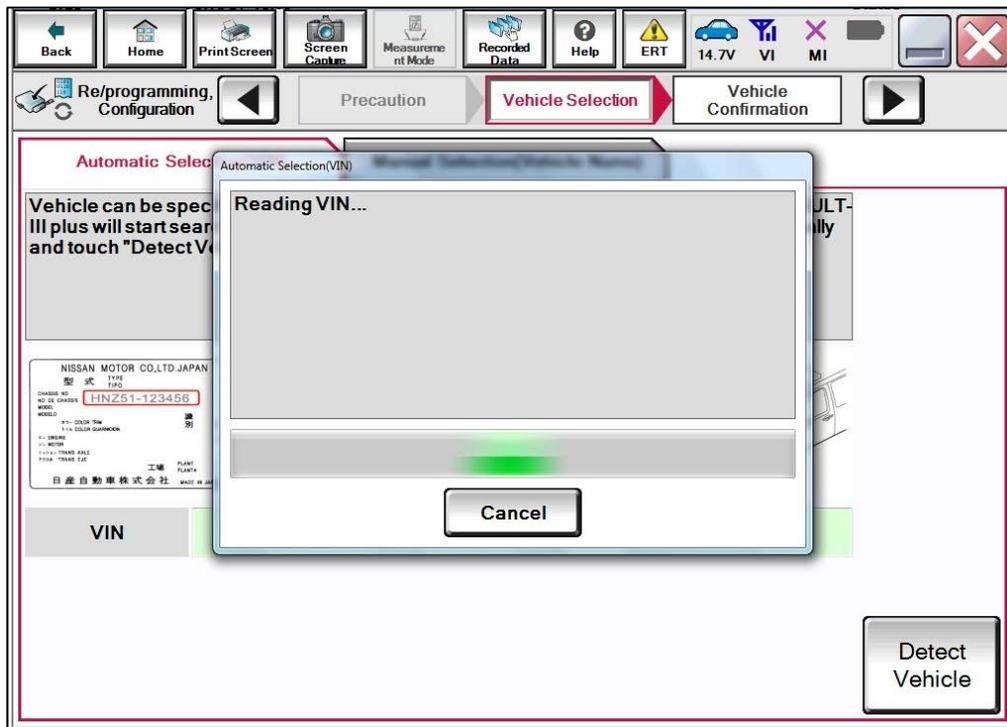


Figure 4

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

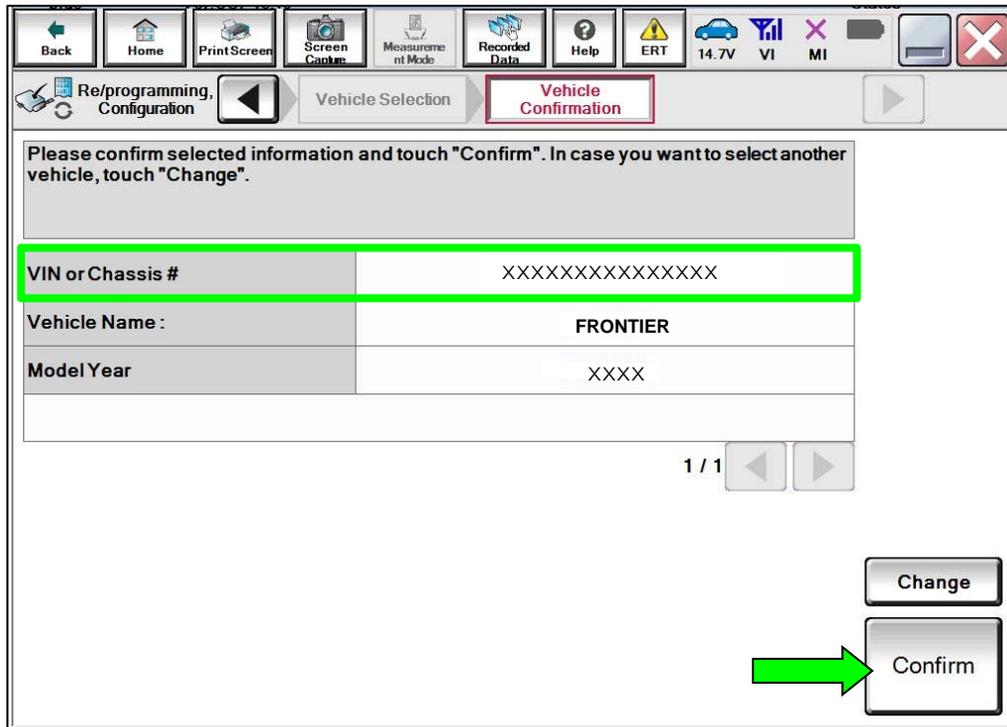


Figure 5

9. Allow the System call to be performed.

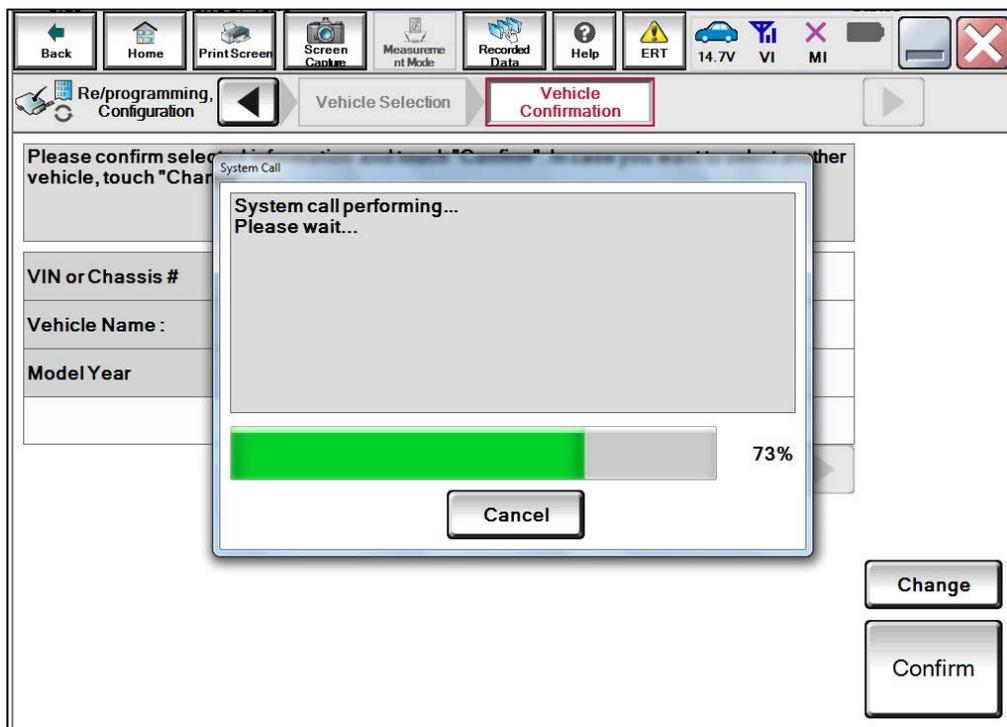


Figure 6

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

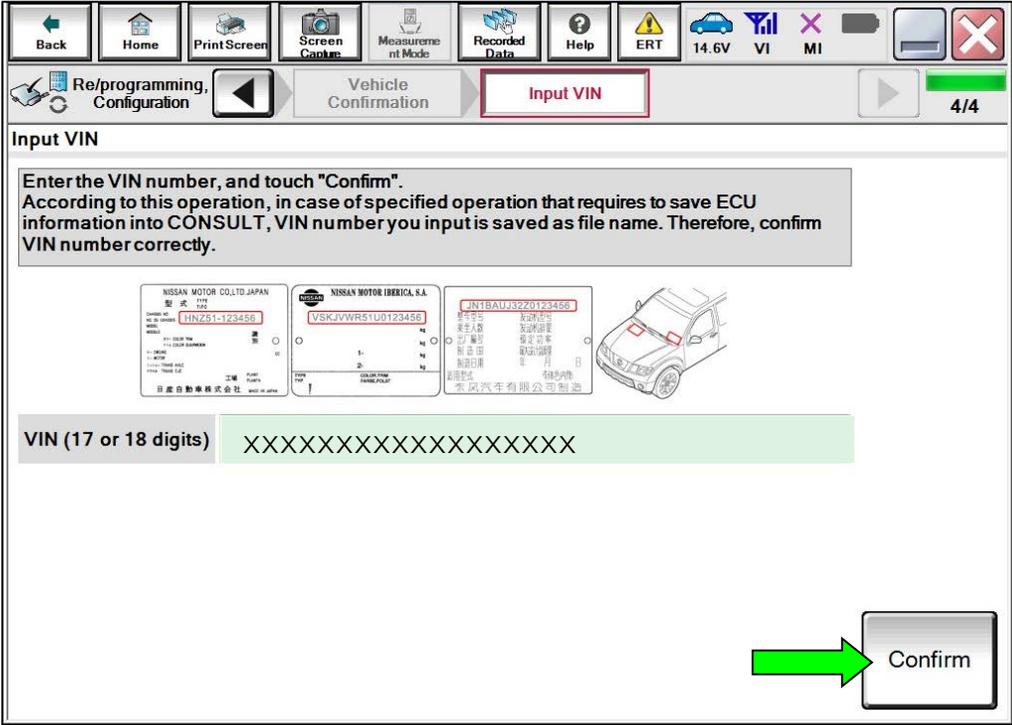


Figure 7

11. Select **TRANSMISSION**.

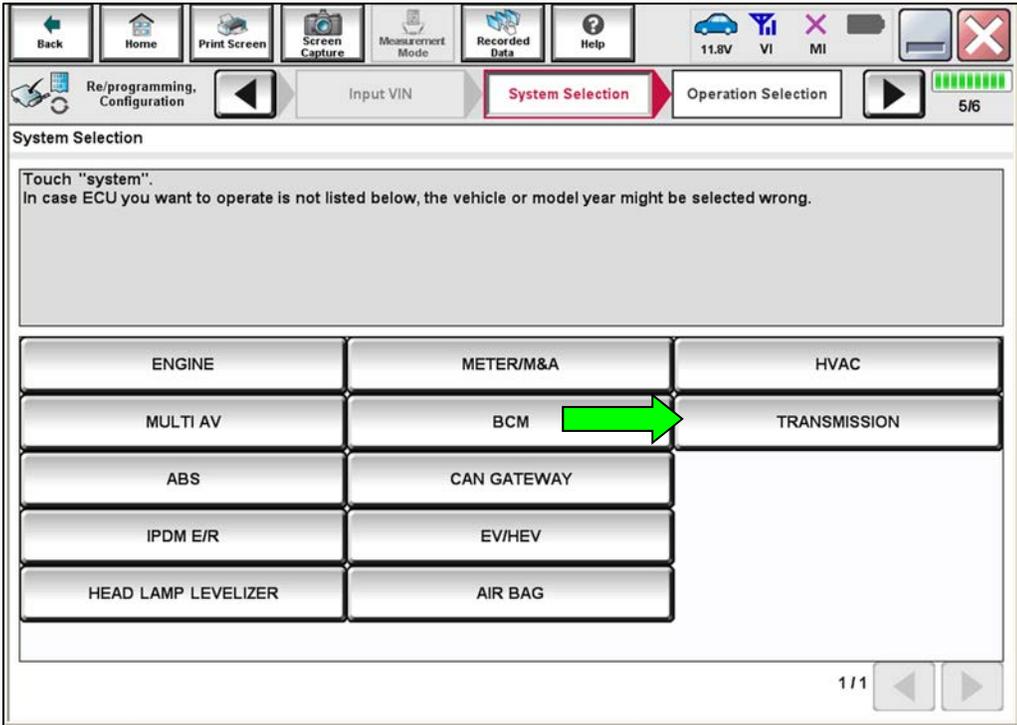


Figure 8

12. Select **Reprogramming**.

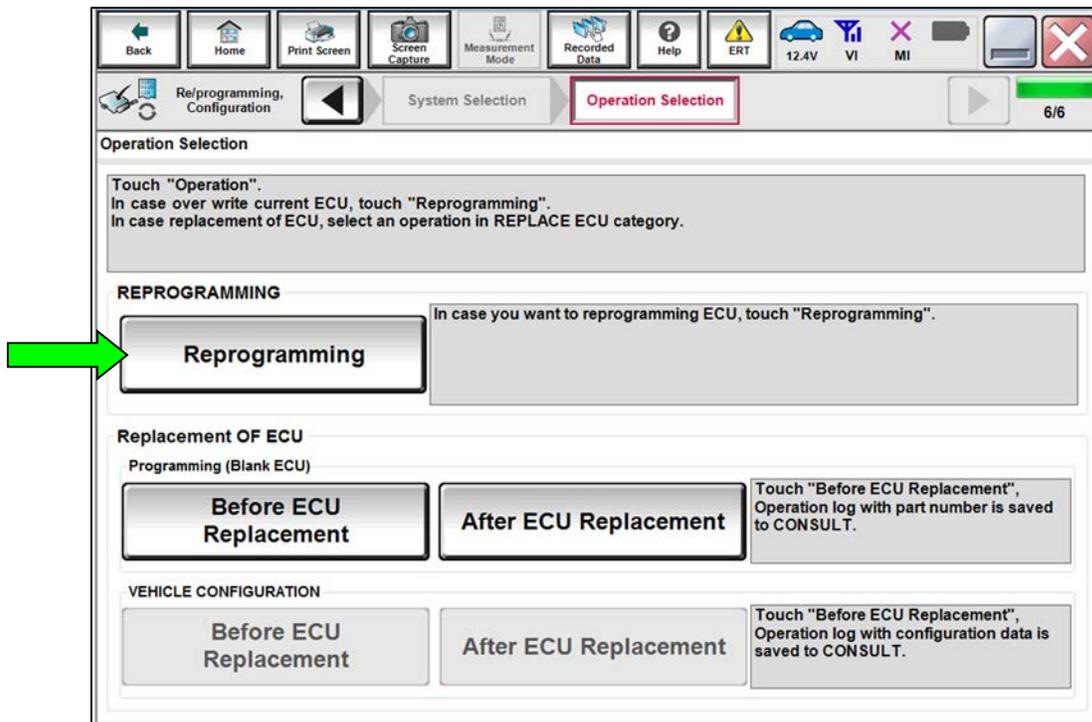


Figure 9

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).

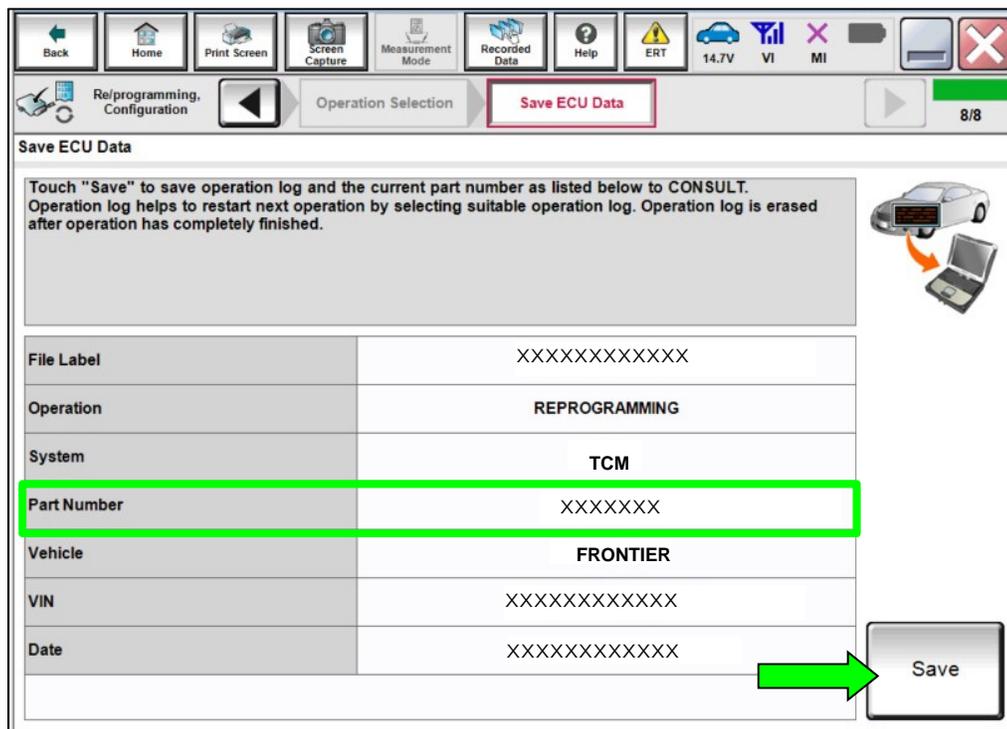


Figure 10

14. Compare the Part Number you wrote down in step 13 on page 8 to the numbers in the **Current TCM Part Number** column in **Table A** below.
 - If there is a match, proceed to step 15, below, to continue the reprogramming procedure.
 - If there is not a match, this bulletin does not apply. Proceed to **CLAIMS INFORMATION** on the last page.

Table A

MODEL	CURRENT TCM PART NUMBER: 31039 -
2020-2021 Frontier 2WD	9BT1B, 9BT1C, 9BT5A, 9BT5D, 9BT5E, 9BT7A
2020-2021 Frontier 4WD	9BT3B, 9BT3C, 9BT6A, 9BT6D, 9BT6E, 9BT8A
2022 Frontier 2WD	9BU0D, 9BU0E, 9BU1A, 9BU7A
2022 Frontier 4WD	9BU2D, 9BU2E, 9BU3A, 9BU8A

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.

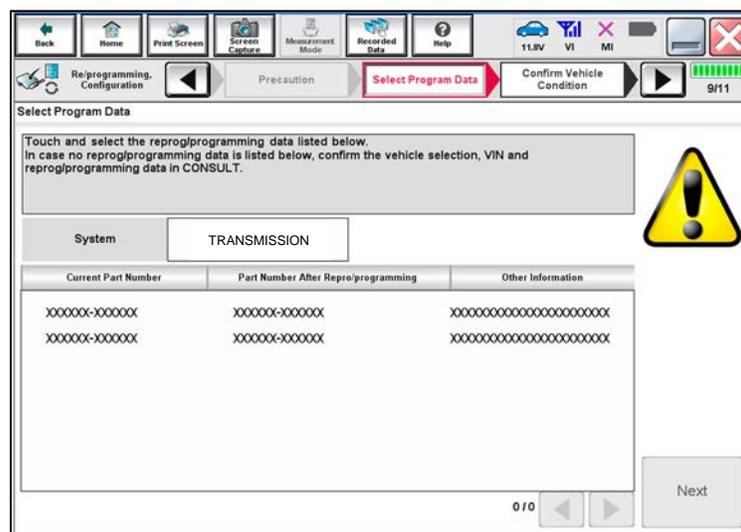


Figure 11

16. Select **Next**, and then proceed to step 17 on page 12.

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.

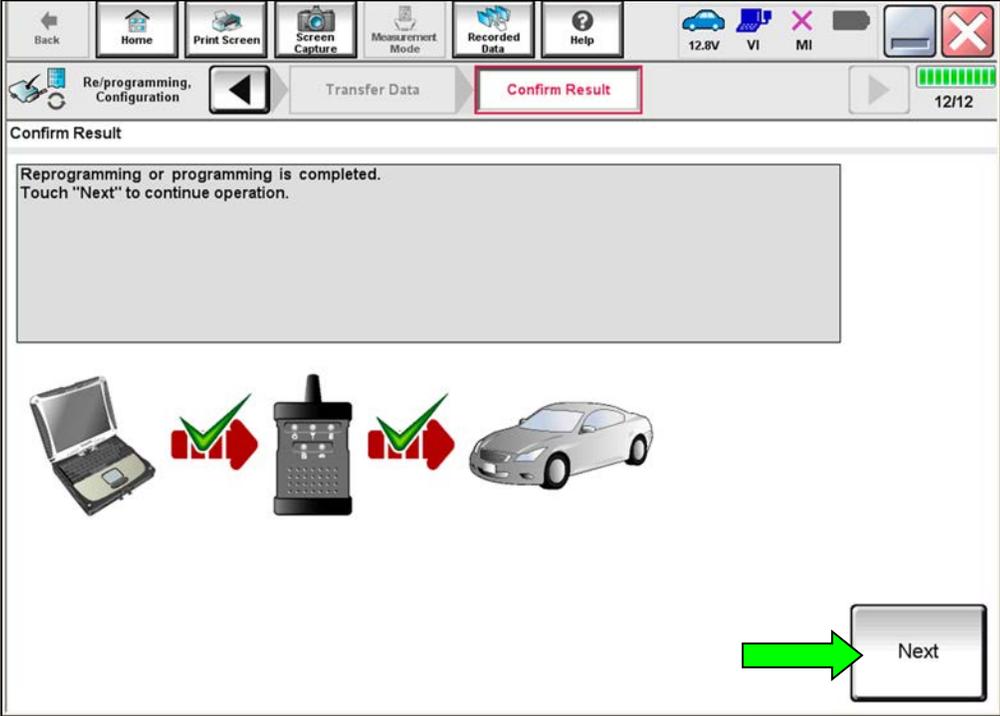


Figure 12

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.

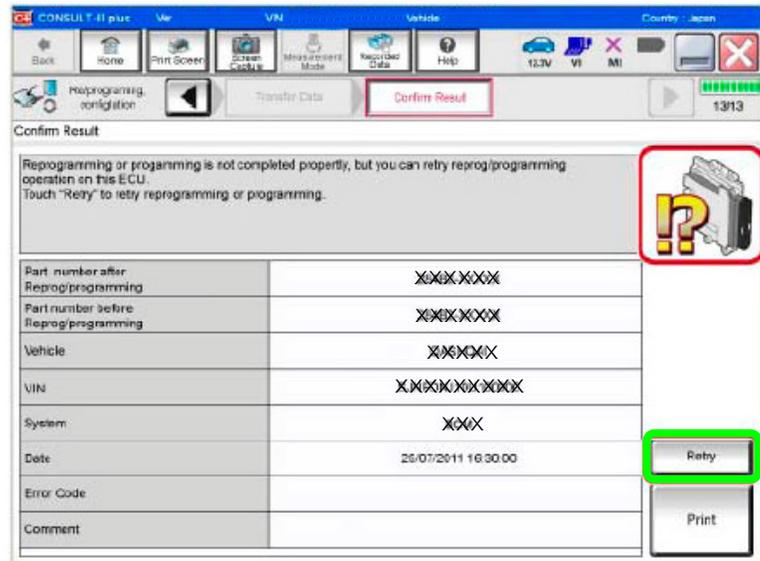


Figure 13

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.

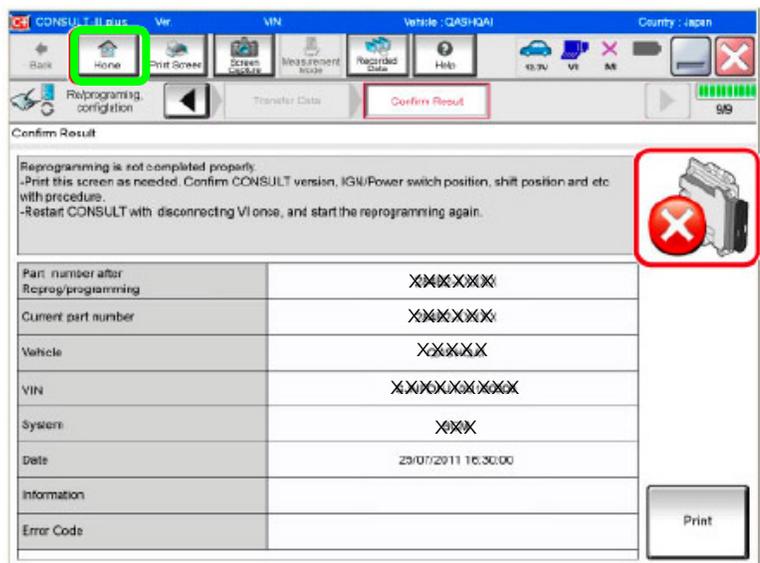


Figure 14

17. Follow the on-screen instructions to **Erase All DTCs**.
 - When the entire 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**.

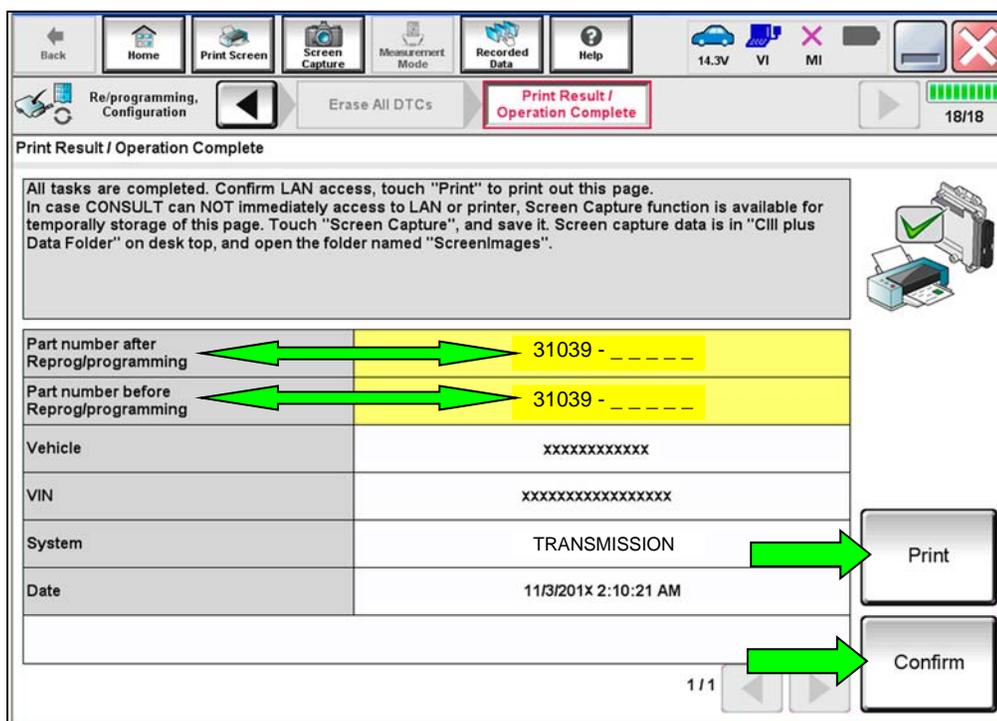


Figure 15

CLAIMS INFORMATION

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

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

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
September 22, 2022	NTB22-082	Original bulletin published
September 28, 2022	NTB22-082A	Added 2020-2021 Frontier

