



# TECHNICAL SERVICE BULLETIN

Classification:

BR24-002A

Reference:

NTB24-050A

Date:

January 10, 2025

## FALSE ACTIVATION OF AEB OR FCW

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

**APPLIED VEHICLES:** 2022-2023 Kicks (P15)  
**APPLIED DATES:** Built on or before August 3, 2024  
**APPLIED SYSTEMS:** Automatic Emergency Braking/Forward Collision Warning

### IF YOU CONFIRM

The customer states they have experienced false activation and/or unexpected braking of the Automatic Emergency Braking (AEB) or Forward Collision Warning (FCW) system with a red/white flashing message in meter and a loud noise,

### AND

There are no related DTCs stored.

### ACTION

1. Confirm the current ICC/ADAS 2 part number.
2. Reprogram the ICC/ADAS 2, if applicable.

**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.

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 ICC/ADAS 2

**IMPORTANT:** Before starting, make sure:

- ASSIST 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.
- During the reprogramming process, you may receive some errors. These errors are expected. Please follow all of the steps in this procedure to successfully complete the reprogramming process.

#### **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 13.5V during reprogramming, the ICC/ADAS 2 control module may be damaged.
  - Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, the ICC/ADAS 2 control module 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 ICC/ADAS 2 control module 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 ICC/ADAS 2 control module may be damaged.
1. Connect the Vehicle Interface (VI) to the vehicle.
    - Make sure to use the correct VI for the CONSULT PC.
  2. Turn the ignition ON with the engine OFF.
  3. Turn ON the hazard warning lamps.
  4. Start C-III plus.
  5. If prompted, select **USA/CANADA Dealers** from the drop down menu, and then select **OK**.
  6. Login using your NNAnet credentials.

**IMPORTANT:** If not prompted to enter your username and password, the CONSULT PC may not be connected to Wi-Fi. Close C-III plus, confirm the CONSULT PC is connected to Wi-Fi, and then reopen C-III plus.

7. Wait for the VI to be recognized.
  - The serial number will display when the VI is recognized (Figure 1).
8. Select **Re/programming, Configuration**.

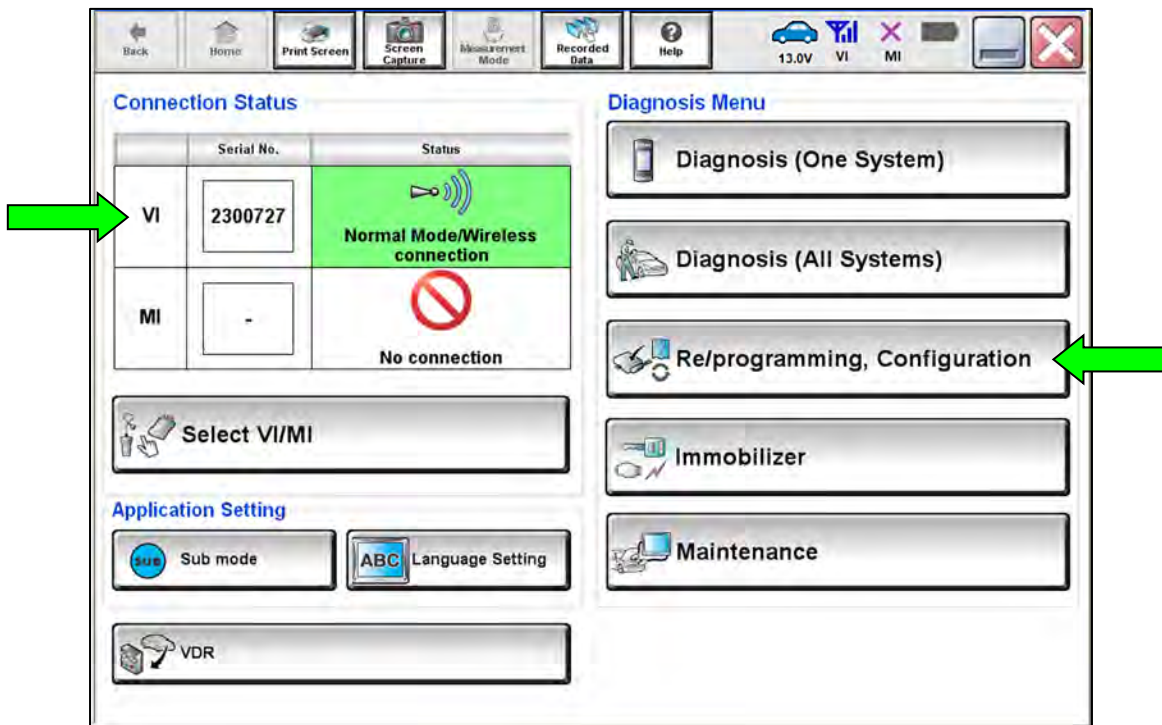


Figure 1

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

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

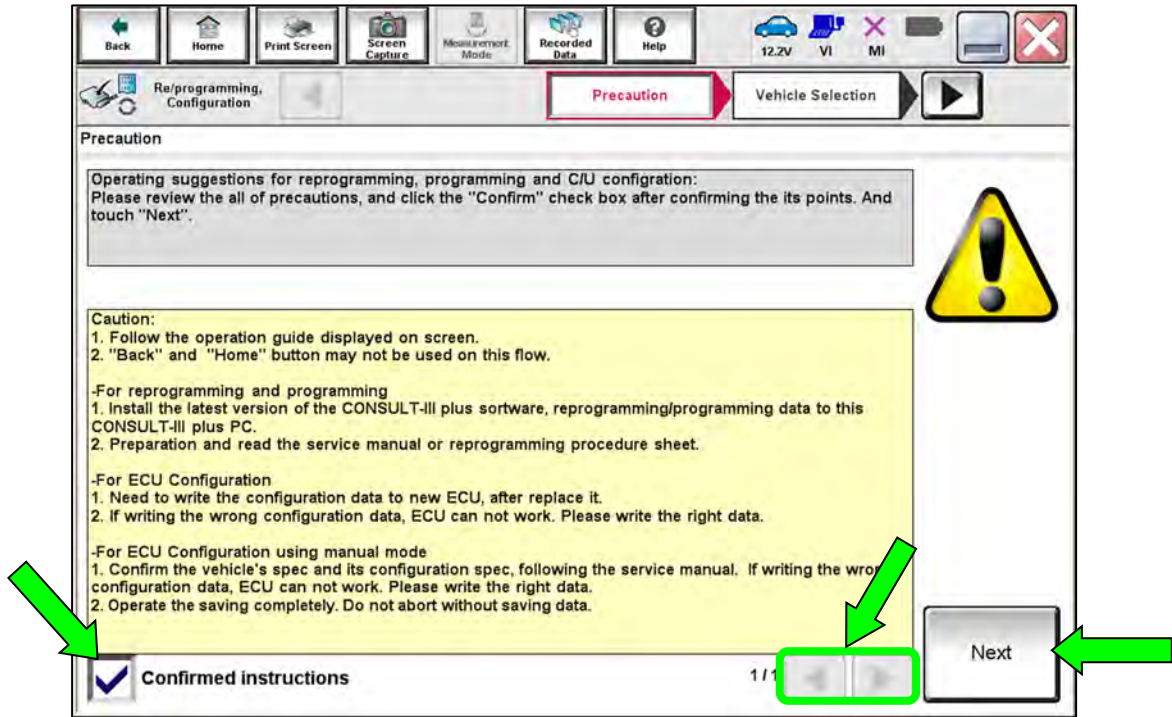


Figure 2

- Select **Automatic Selection(VIN)**.

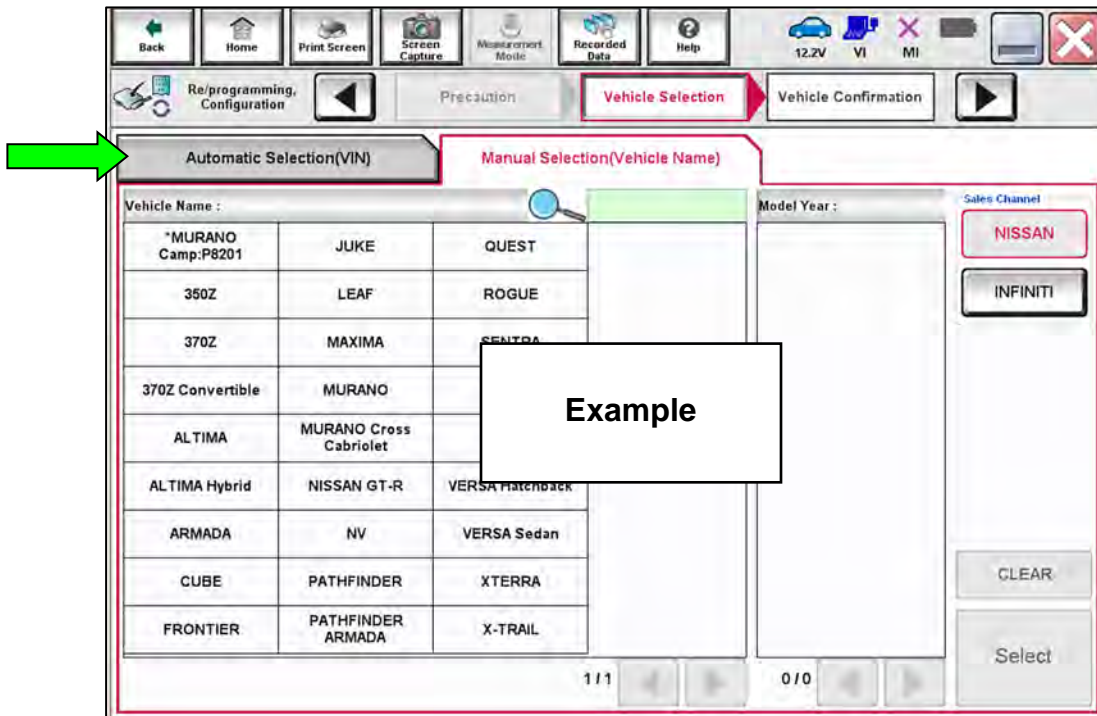


Figure 3

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

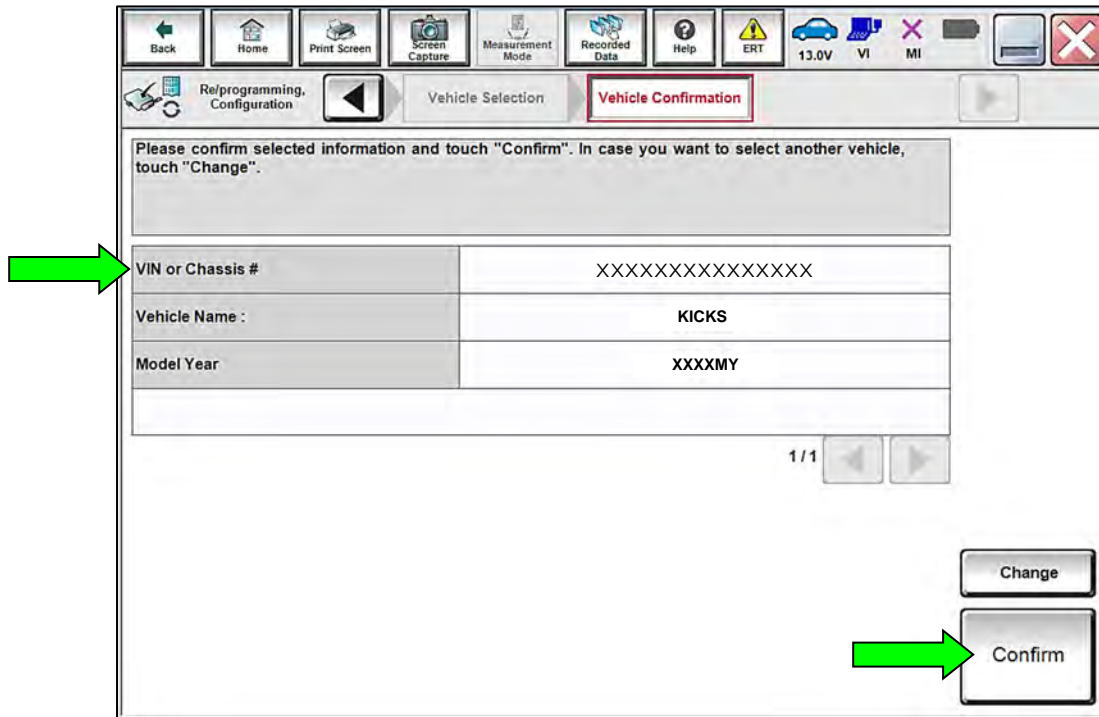


Figure 4

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

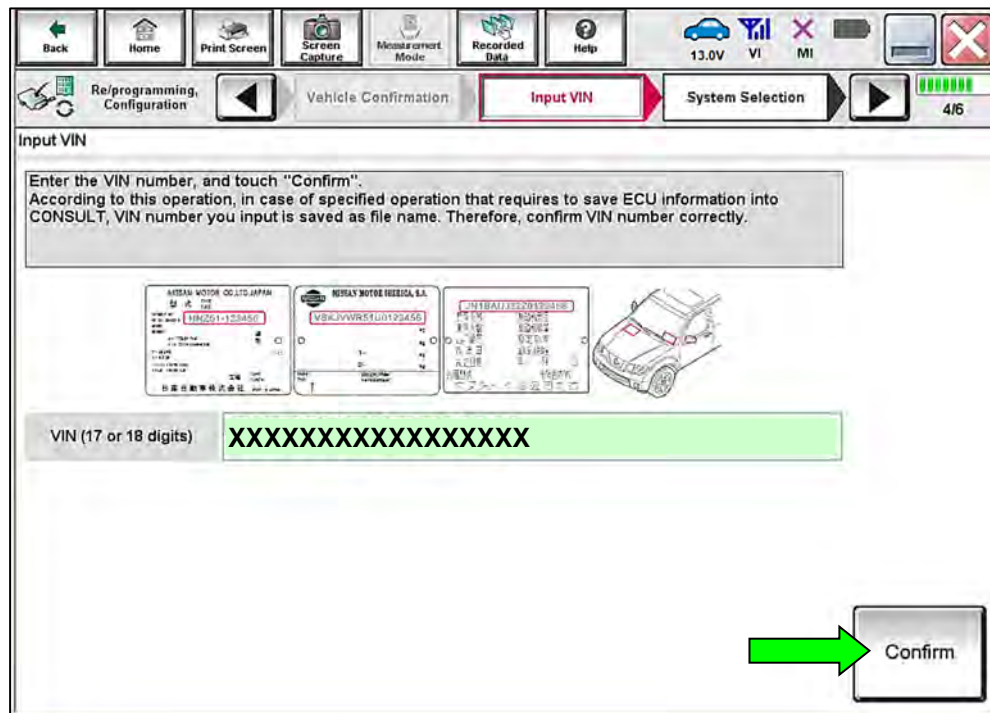


Figure 5

13. Select **ICC/ADAS 2**.

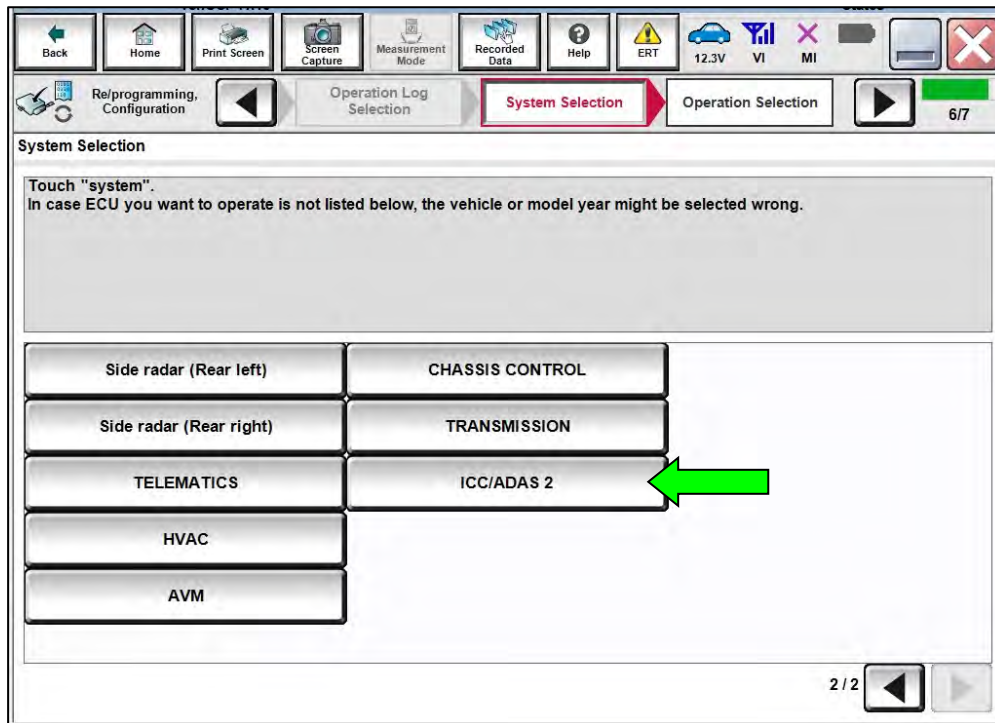


Figure 6

14. Select **Reprogramming**.

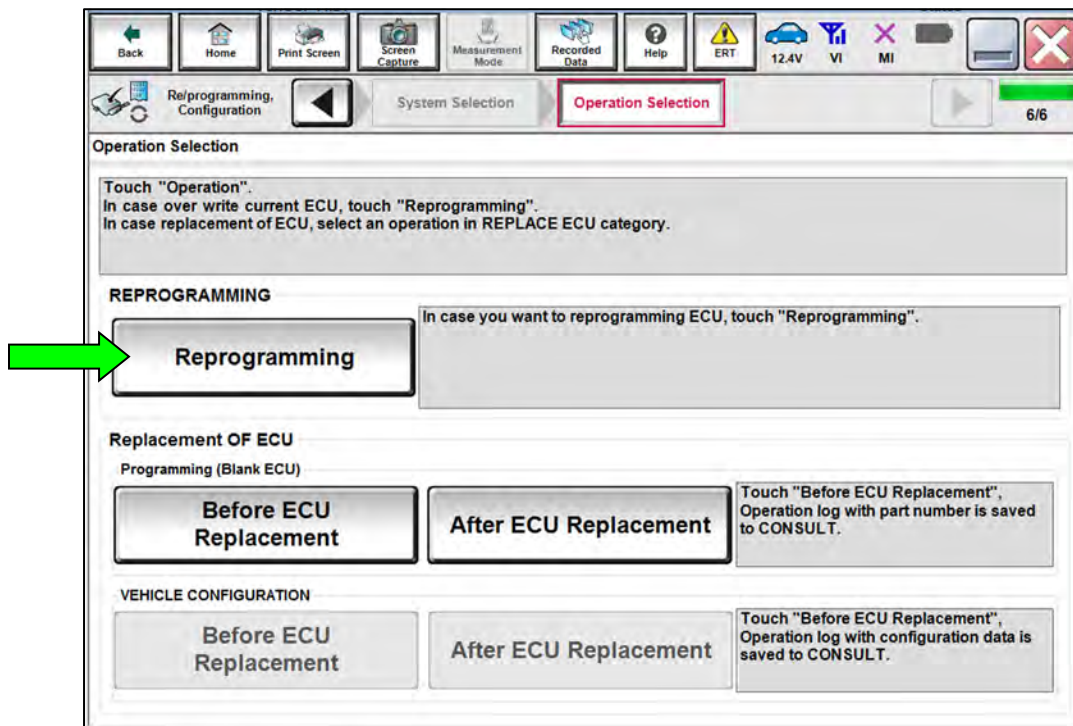


Figure 7

- Find the **ICC/ADAS 2 Part Number** and write it on the repair order, and then select **Save**.

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

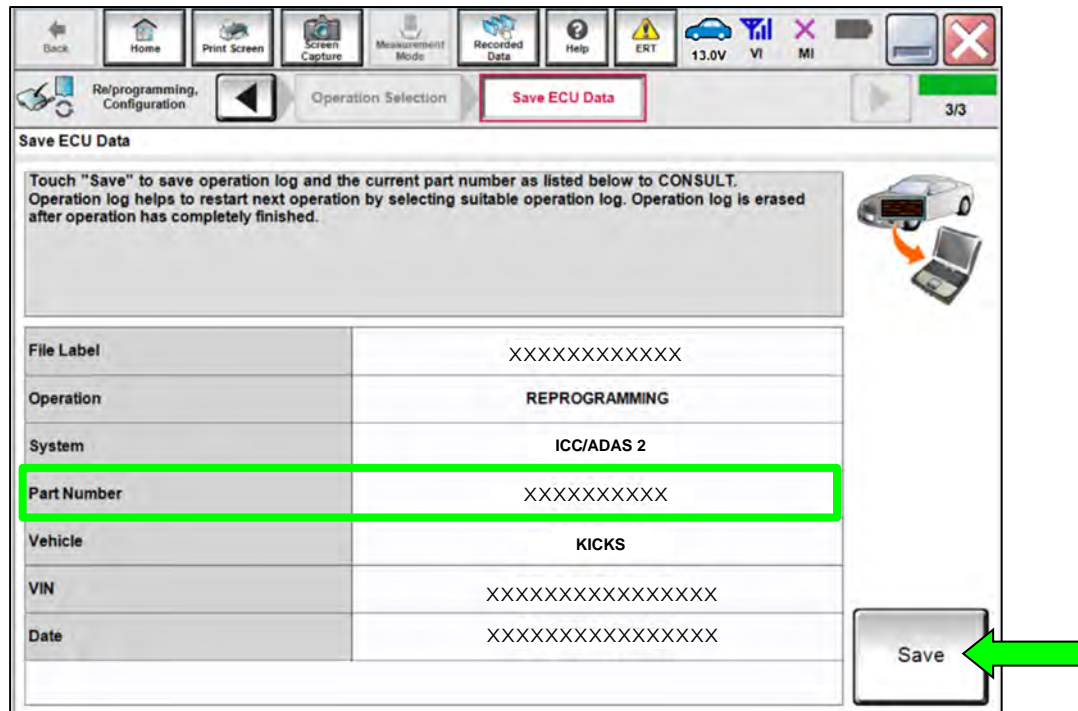


Figure 8

- Compare the Part Number you wrote down in step 15 to the numbers in the **CURRENT ICC/ADAS 2 PART NUMBER** column in **Table A**.
  - If there is a match in **Table A**, continue with the reprogramming procedure.
  - If there is not a match, in **Table A**, this bulletin does not apply. See the ESM (Electronic Service Manual) for further diagnostic information.

**Table A**

MODEL	CURRENT ICC/ADAS 2 PART NUMBER: 284E7-
Kicks	5R00A, 5R01A

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

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

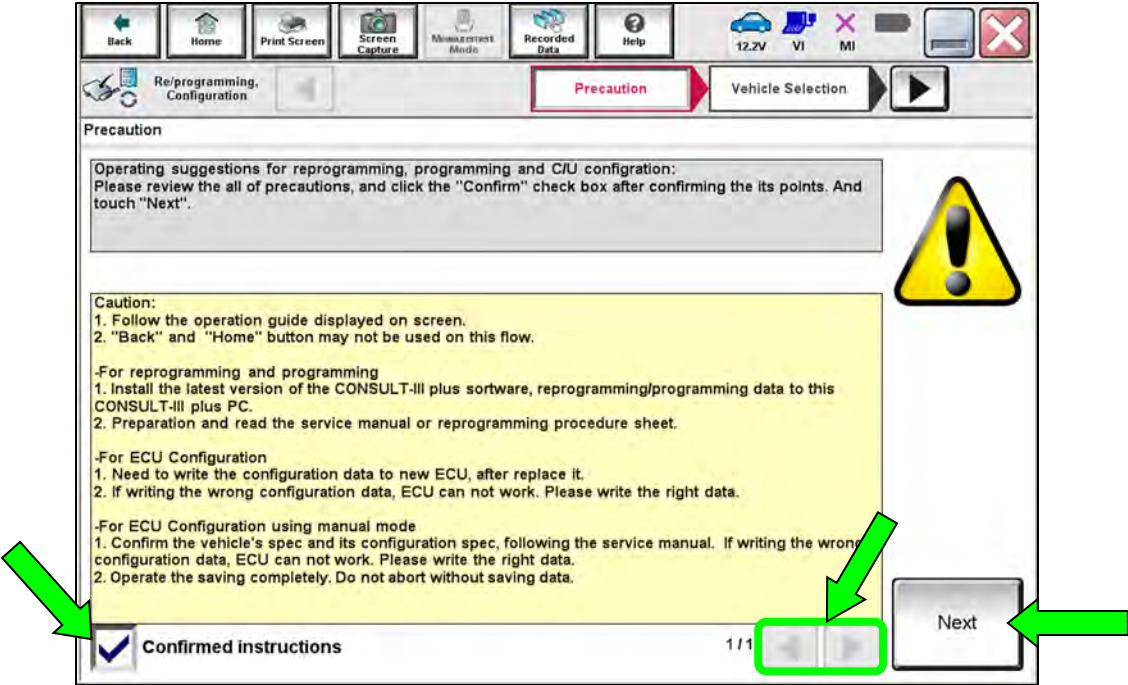


Figure 9

18. Make sure **OK** is highlighted **green** (battery voltage must be between **12.0** and **13.5** volts).

**NOTICE**

To avoid damage to the control unit, ensure a battery maintainer or smart charger is connected. The battery voltage must be between 12.0V and 13.5V during reprogramming.

19. Select **Next**.

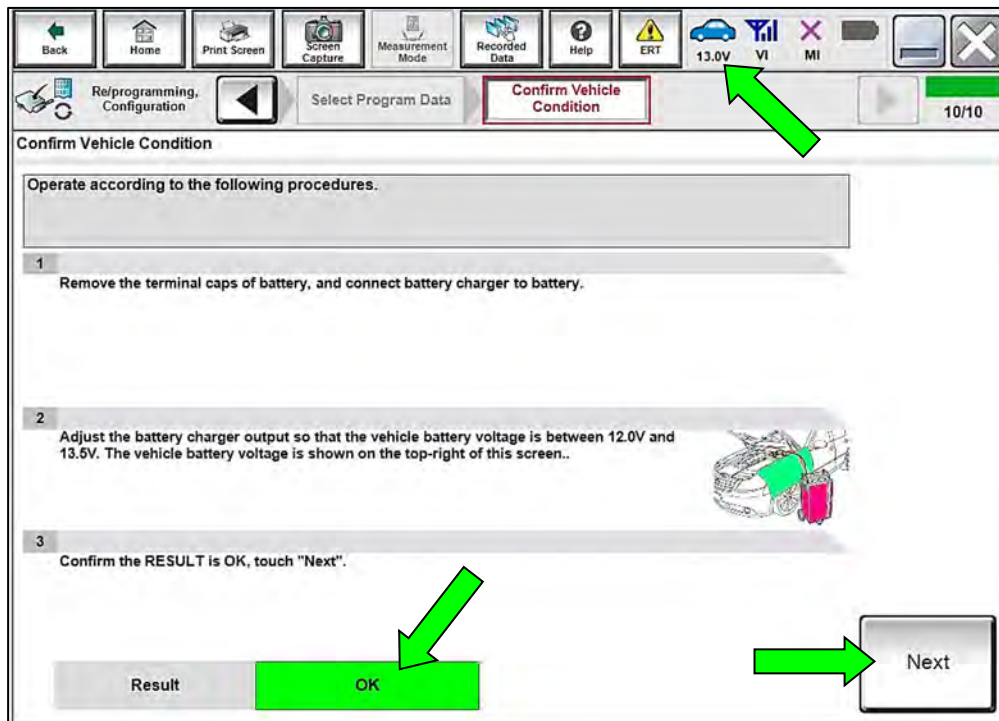


Figure 10

20. Confirm the **Judgement** for all the **Monitor Items** are “OK”, and then select **Start**.

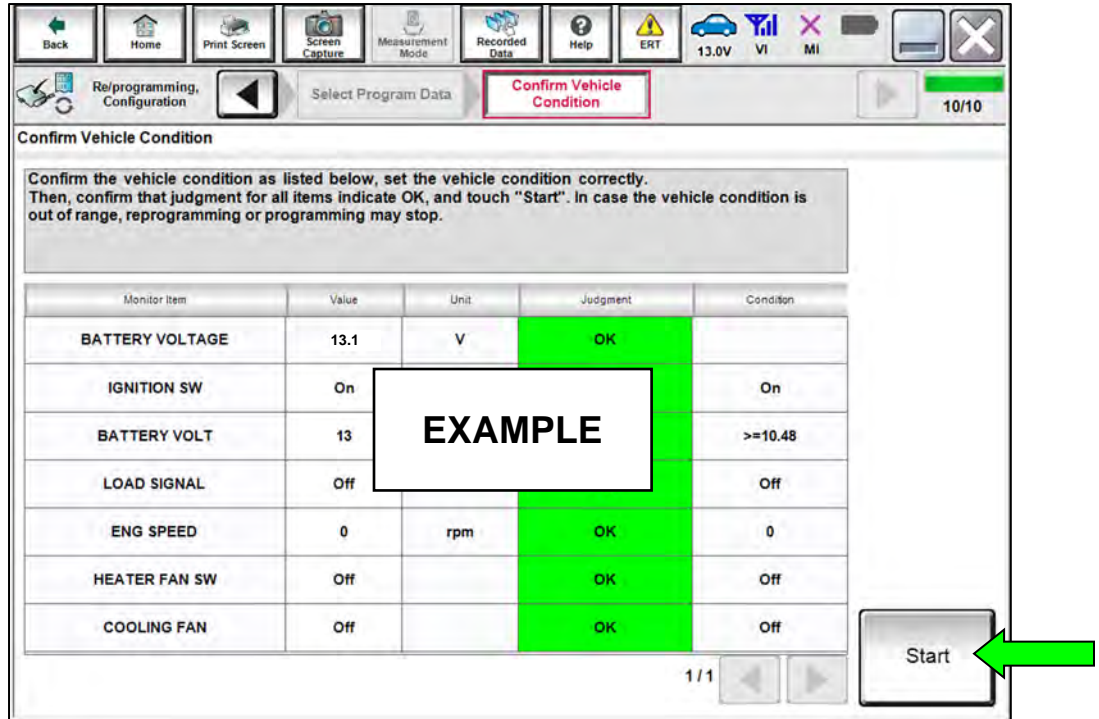


Figure 11

21. Allow **Transfer Data** to complete.

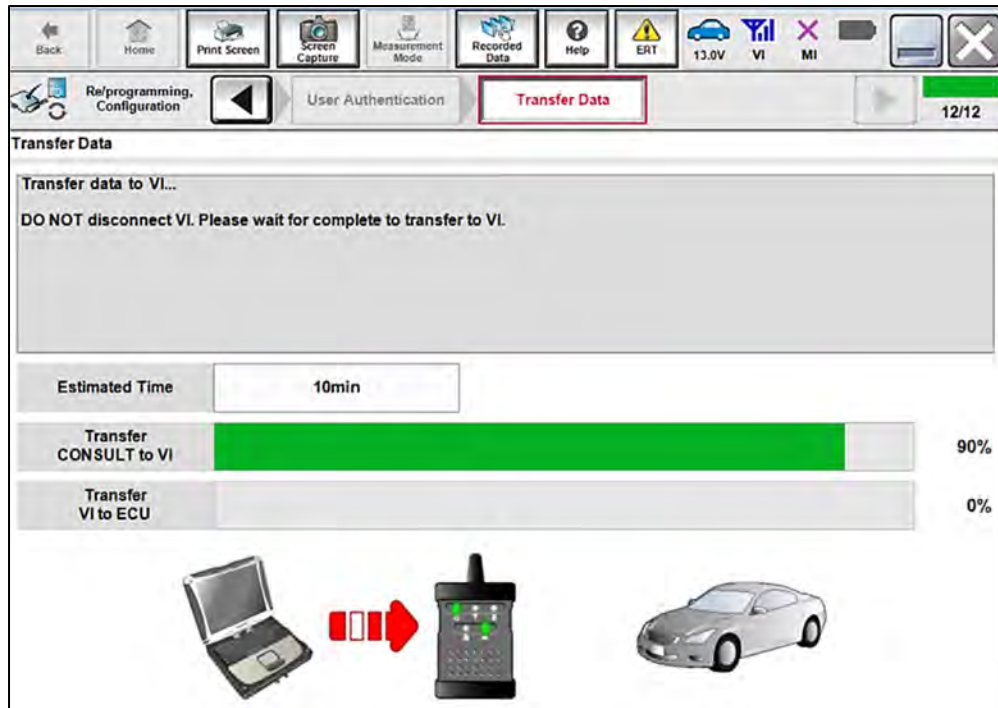


Figure 12

22. Once the reprogramming completes, select **Next**.

**HINT:**

- If the screen in Figure 13 does not display (indicating that reprogramming did not complete), refer to the information on page 12.
- Additional steps/operations are required before CONSULT will provide the final reprogramming confirmation report. Continue with the reprogramming procedure on page 13.

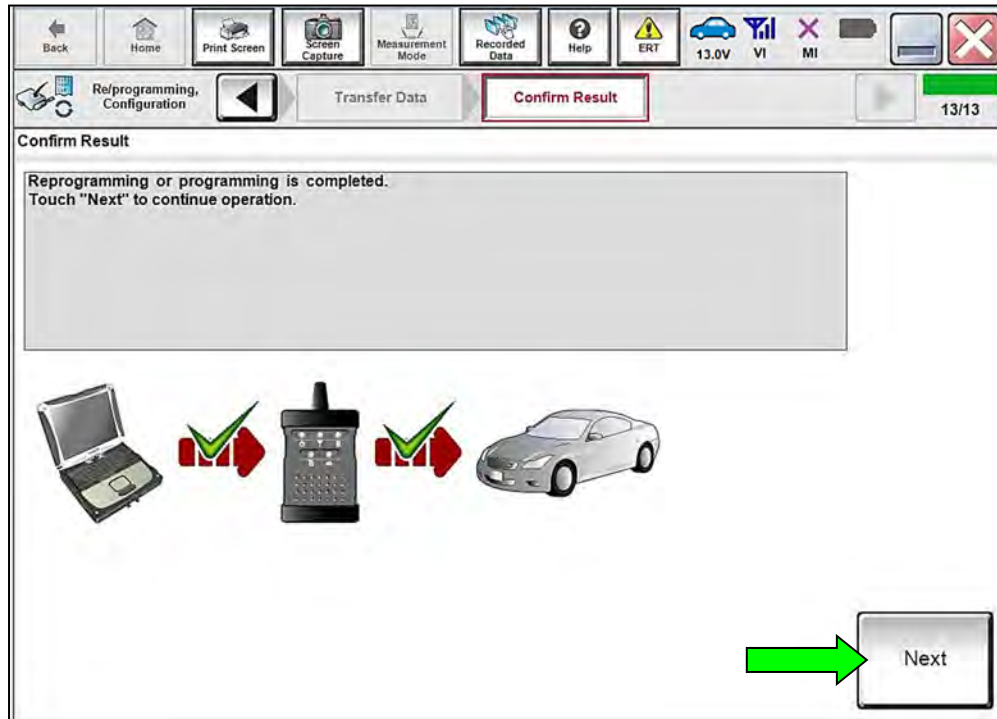


Figure 13

## ICC/ADAS 2 Control Module Recovery

**Do not disconnect the VI or shut down CONSULT if reprogramming does not complete.**

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

- Check battery voltage (12.0 - 13.5 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.

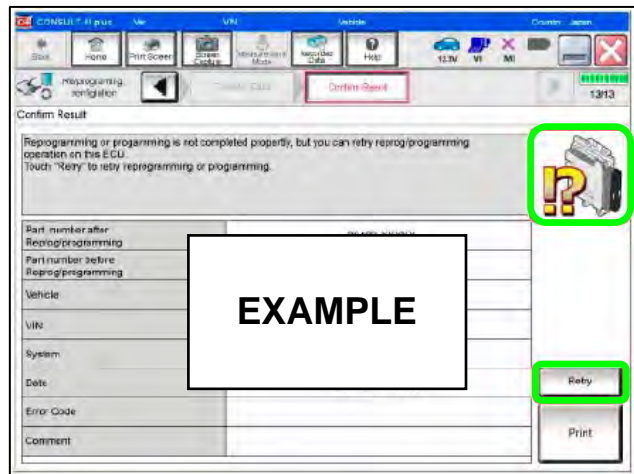


Figure 14

If reprogramming does not complete and the “X” icon displays, as shown in Figure 15:

- Check battery voltage (12.0 - 13.5 V).
- CONSULT A/C adapter is plugged in.
- Ignition is ON, engine OFF.
- Transmission is in Park.
- All CONSULT VI cables are securely connected.
- All C-III plus updates are installed.
- Select **Home**, and restart the reprogram procedure from the beginning.

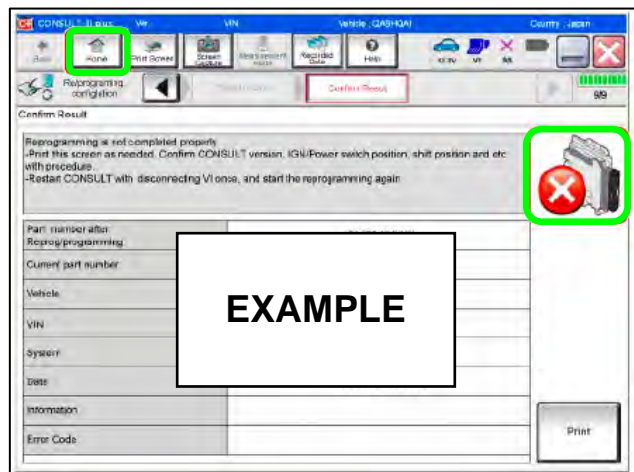


Figure 15

23. Perform **Erase All DTCs**.

a. Follow the on-screen instructions as shown in Figure 16 and Figure 17.

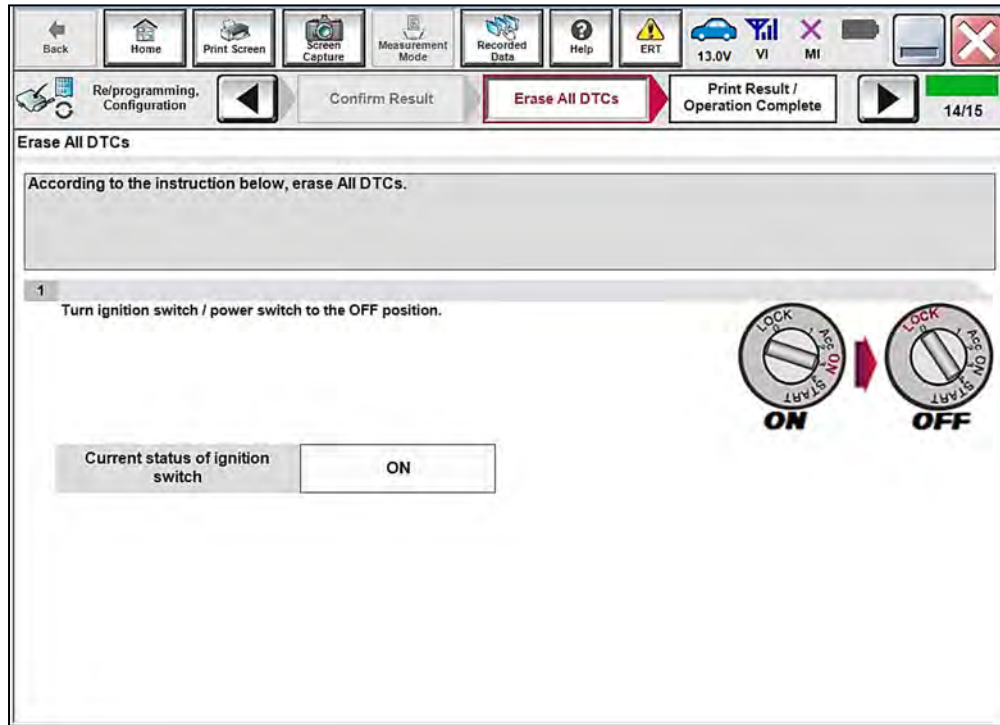


Figure 16

b. Select **Next**.

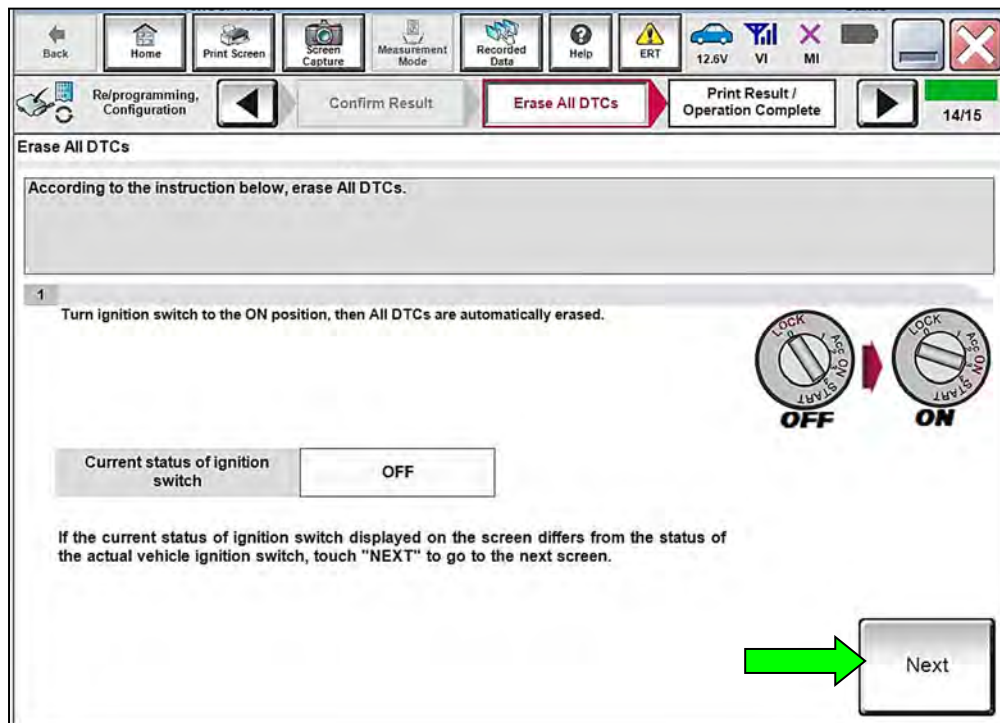


Figure 17

**HINT:** When the entire reprogramming process is complete, the screen in Figure 18 will display.

24. Verify the **Part number after Reprog/programming** and **Part number before Reprog/programming** are different, select **Print** and attach the reprogramming results to the repair order, and then select **Confirm**.

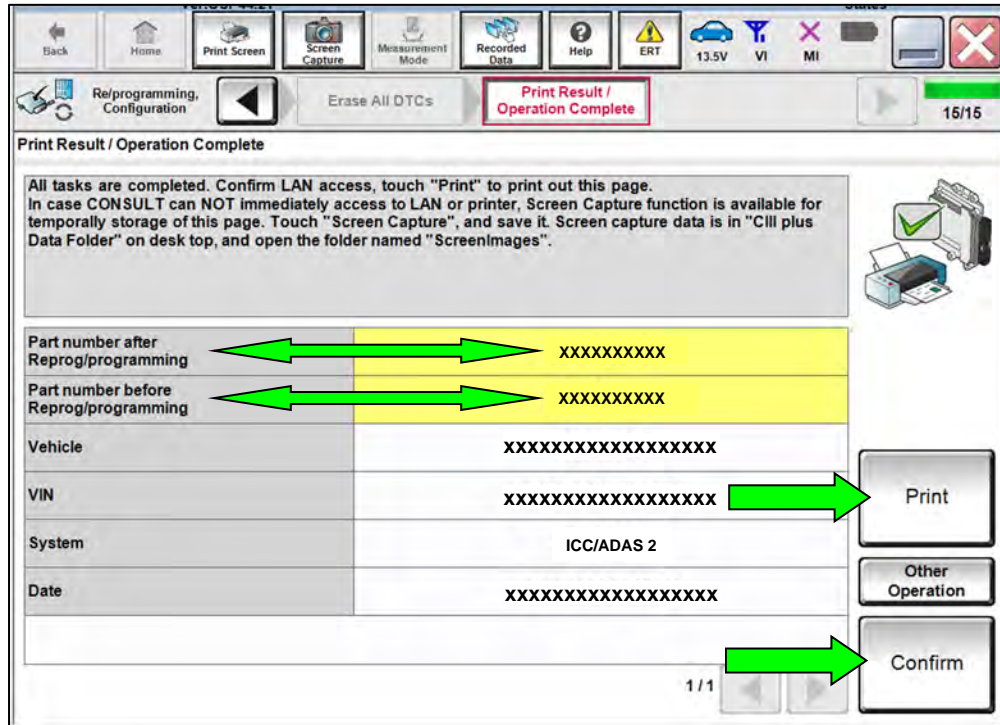


Figure 18

25. Select **Home** (screen not shown).
26. Select **Re/programming, Configuration**.

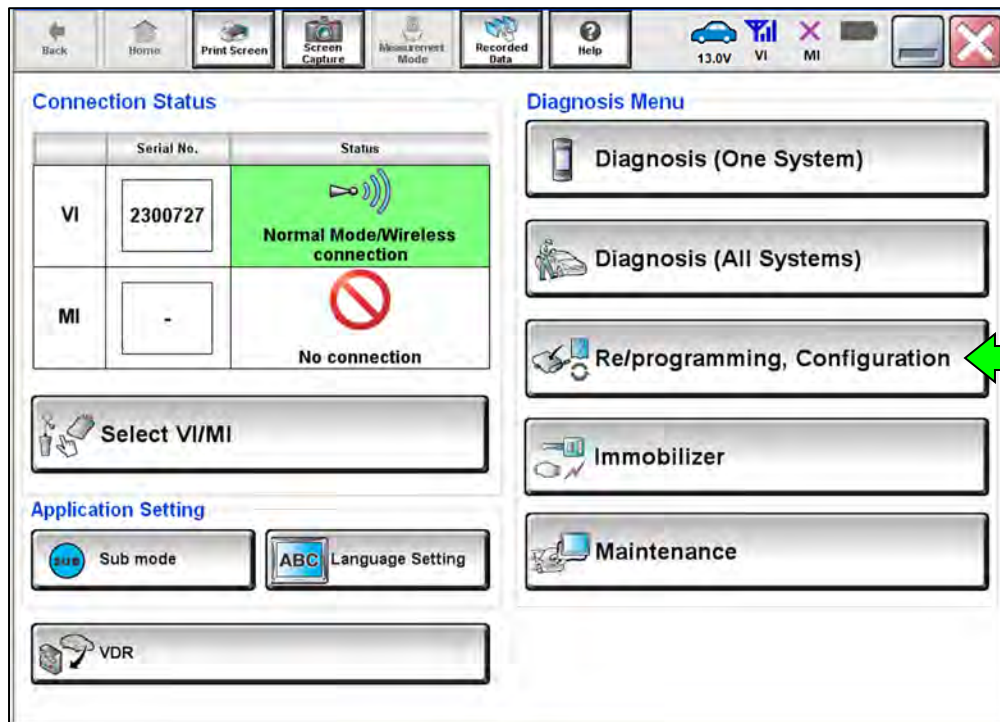


Figure 19

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

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

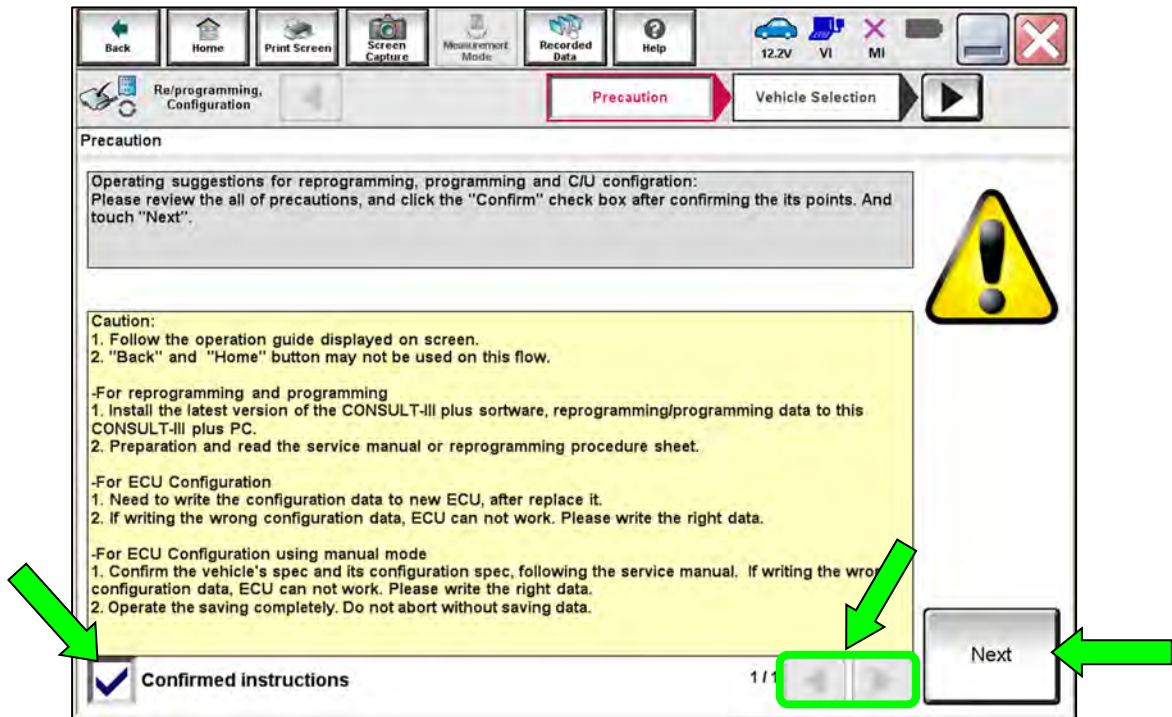


Figure 20

28. Select **Automatic Selection(VIN)**.

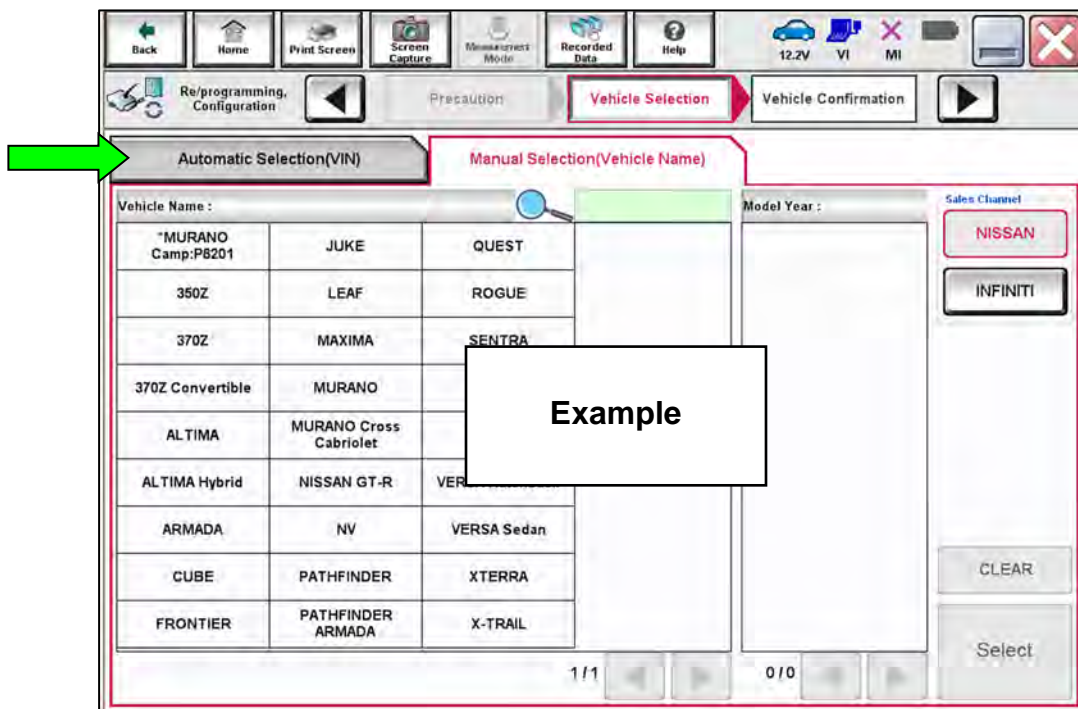


Figure 21

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

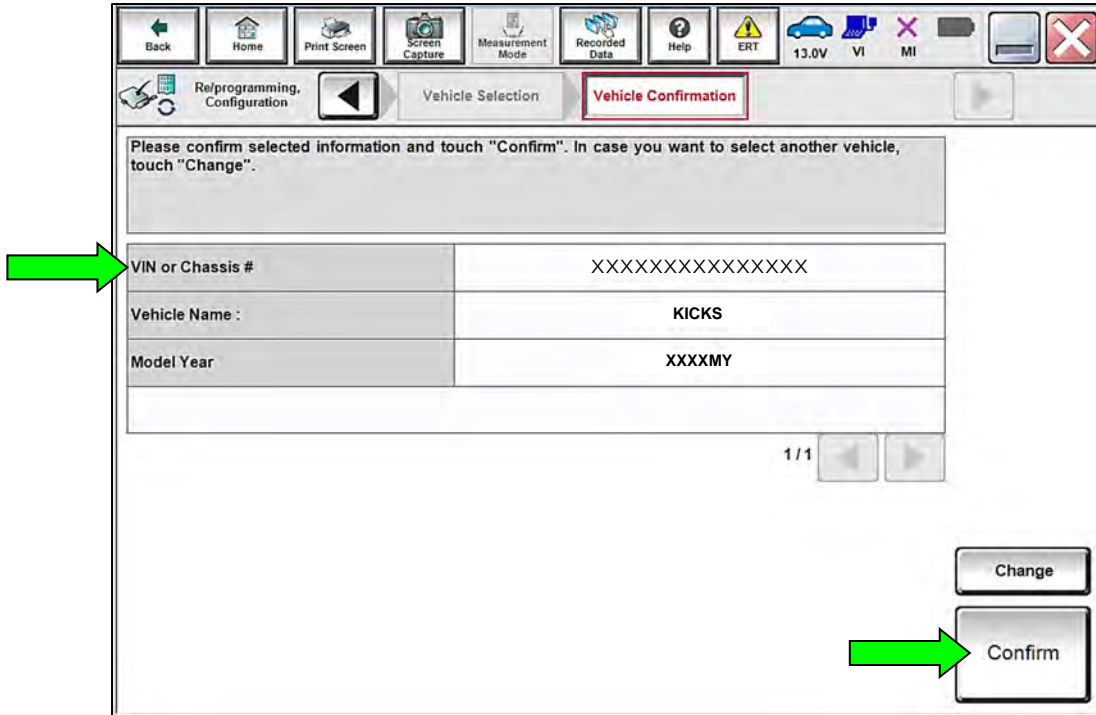


Figure 22

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

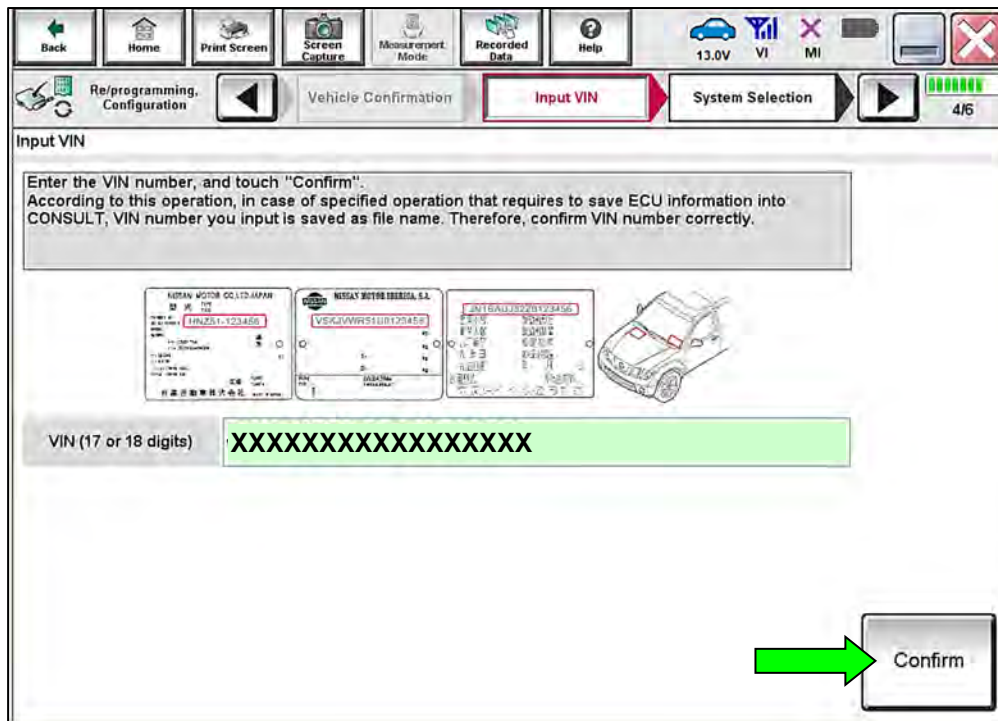


Figure 23

31. Select **ICC/ADAS 2**.

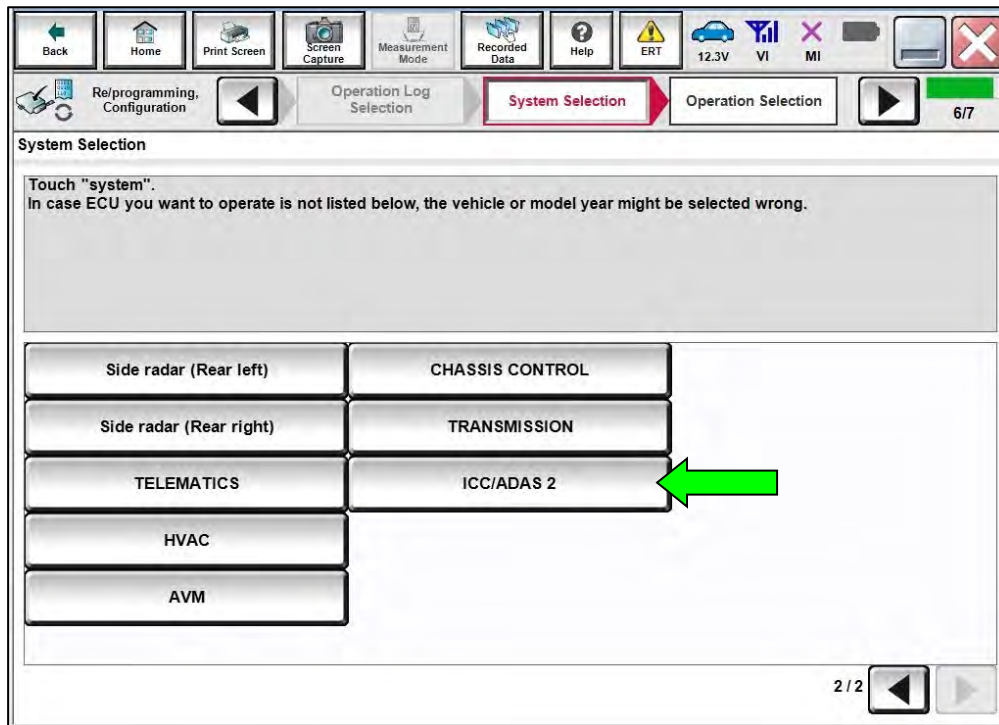


Figure 24

32. Select **After ECU Replacement** under **VEHICLE CONFIGURATION**.

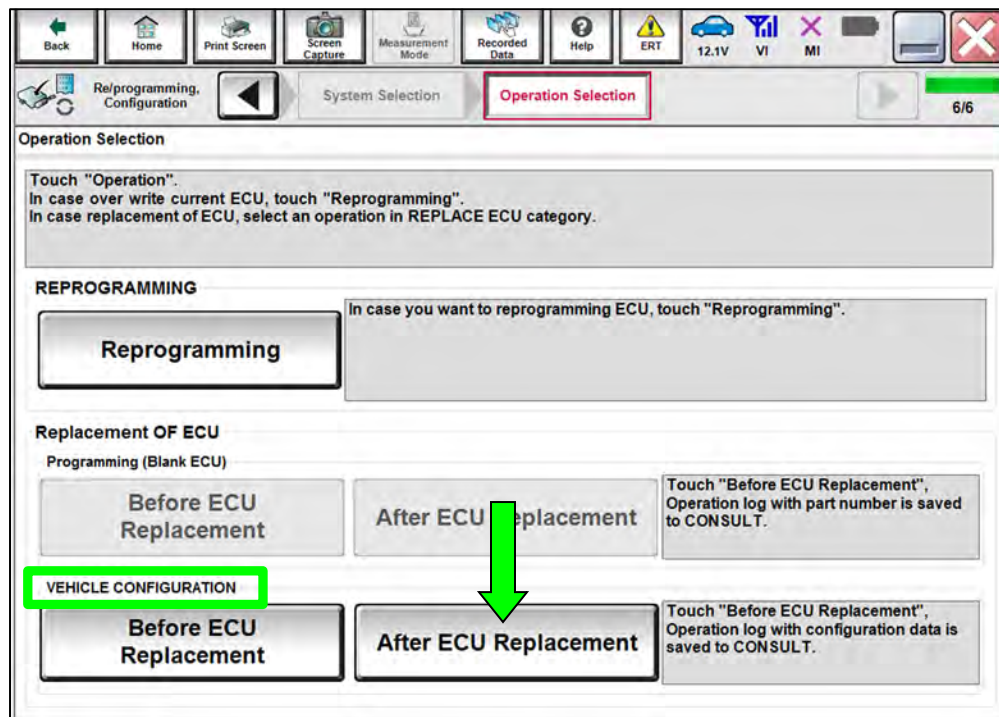


Figure 25

33. Select **Manual selection**.

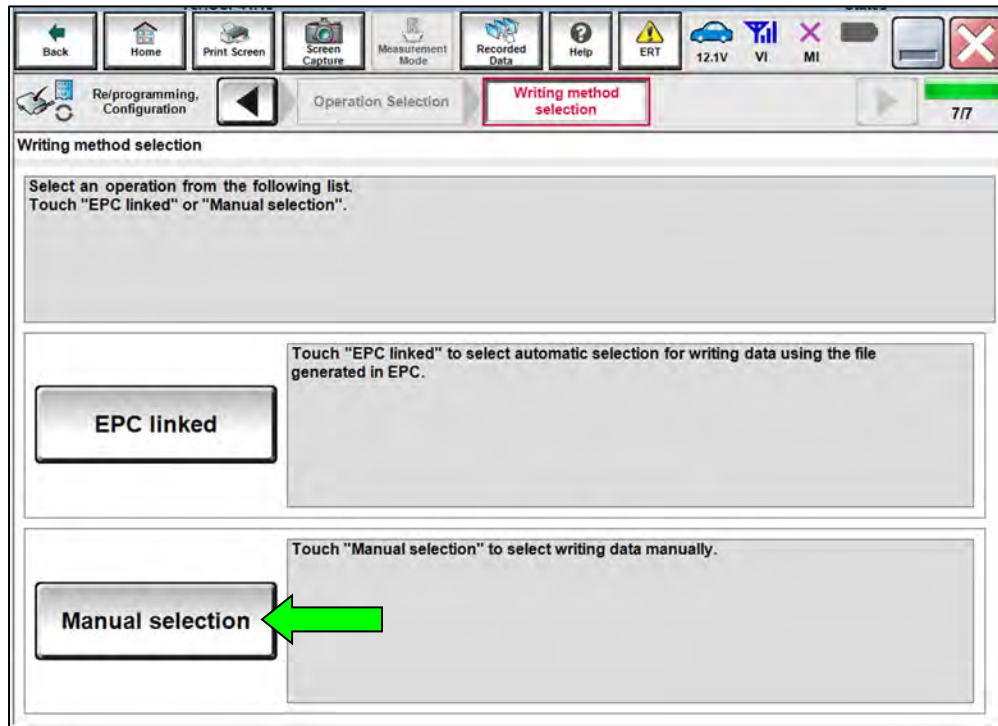


Figure 26

34. Select the applicable **Type ID**, and then select **Next**.
- Refer to the EPC to determine the **OLD CONFIG PART NUMBER (Type ID)** for your VIN.
  - Using both the **OLD CONFIG PART NUMBER (Type ID)** and the updated **ICC/ADAS 2 PART NUMBER** from step 24 on page 14, reference **Table B** to determine and select the **NEW CONFIG PART NUMBER (Type ID)**.

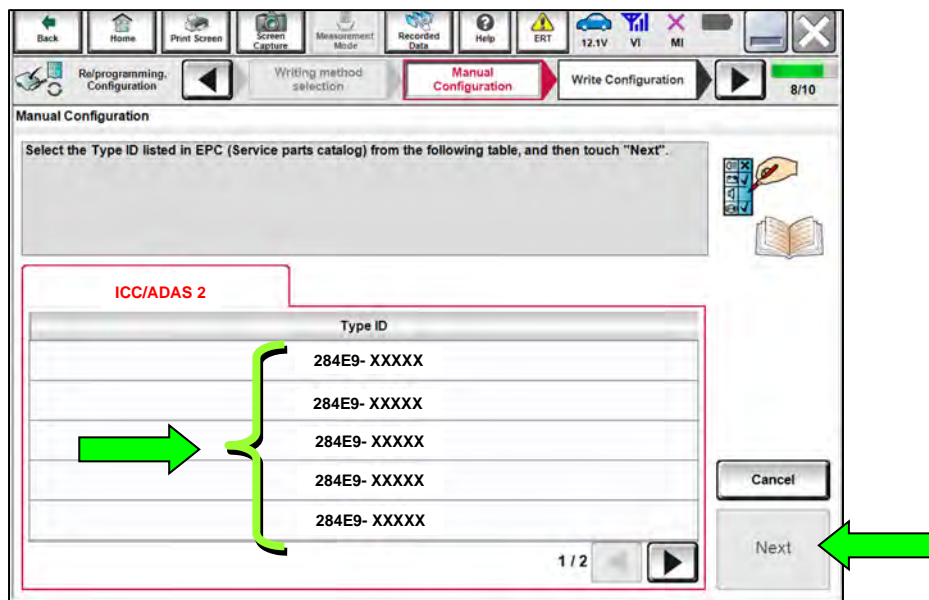


Figure 27

Table B

PART NAME	ICC/ADAS 2 PART NUMBER	CONFIG PART NUMBER (Type ID)	
		OLD	NEW
ROM DATA – ADAS	284E7-5R00A	284E9-5R00A	284E9-5R00C
	284E7-5R01A	284E9-5R02A	284E9-5R01C

35. Select **OK**.

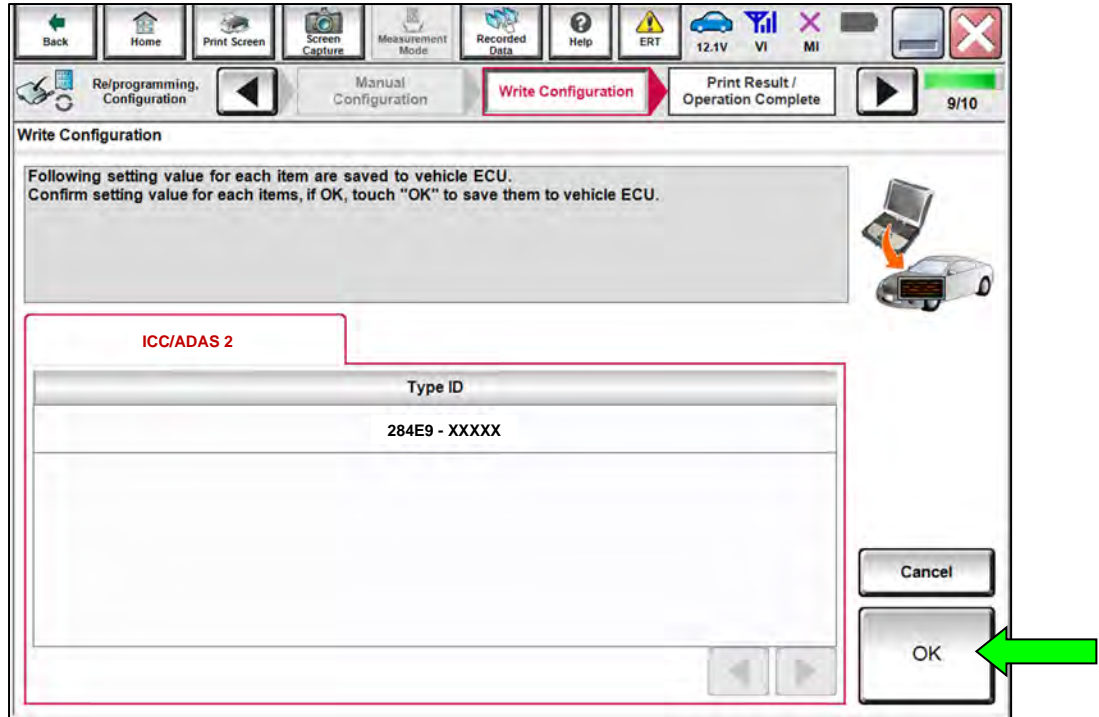


Figure 28

36. Select **End**.

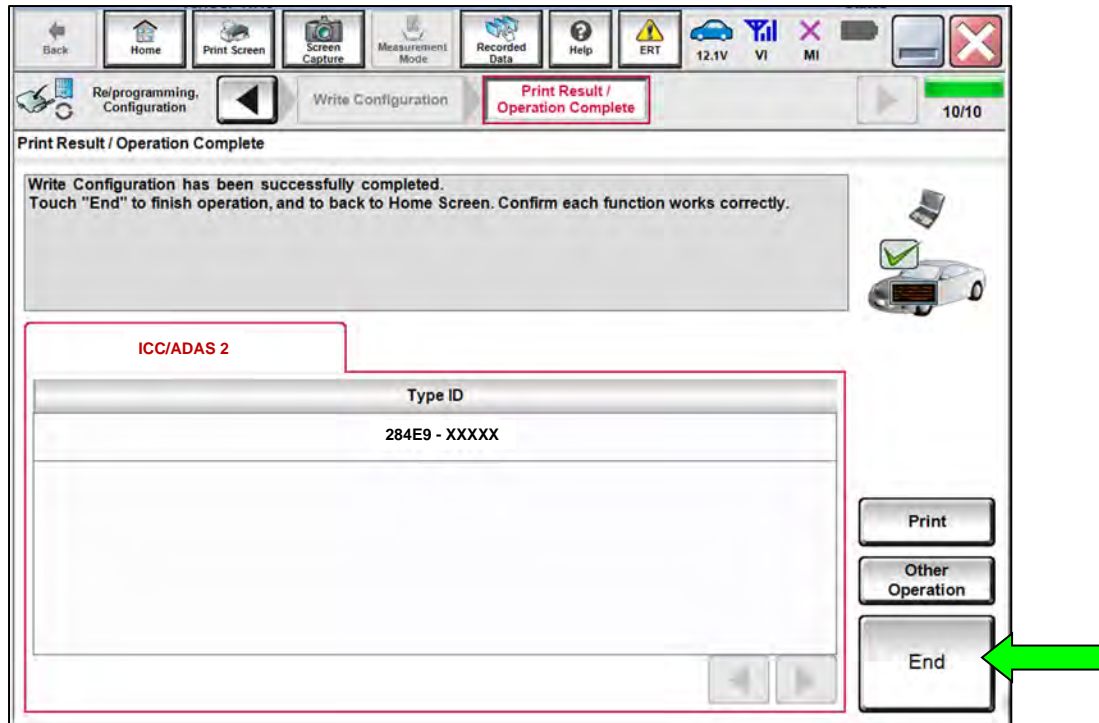


Figure 29

37. Select **Home** (screen not shown).

38. Select **Diagnosis (All Systems)**.

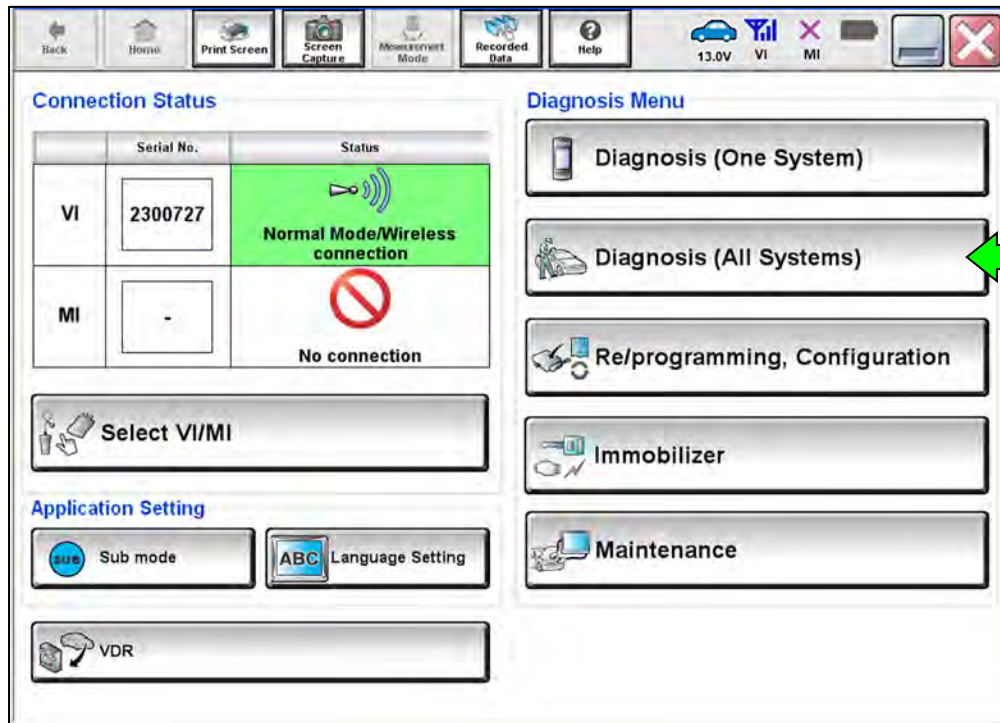


Figure 30

39. Select **ERASE**.

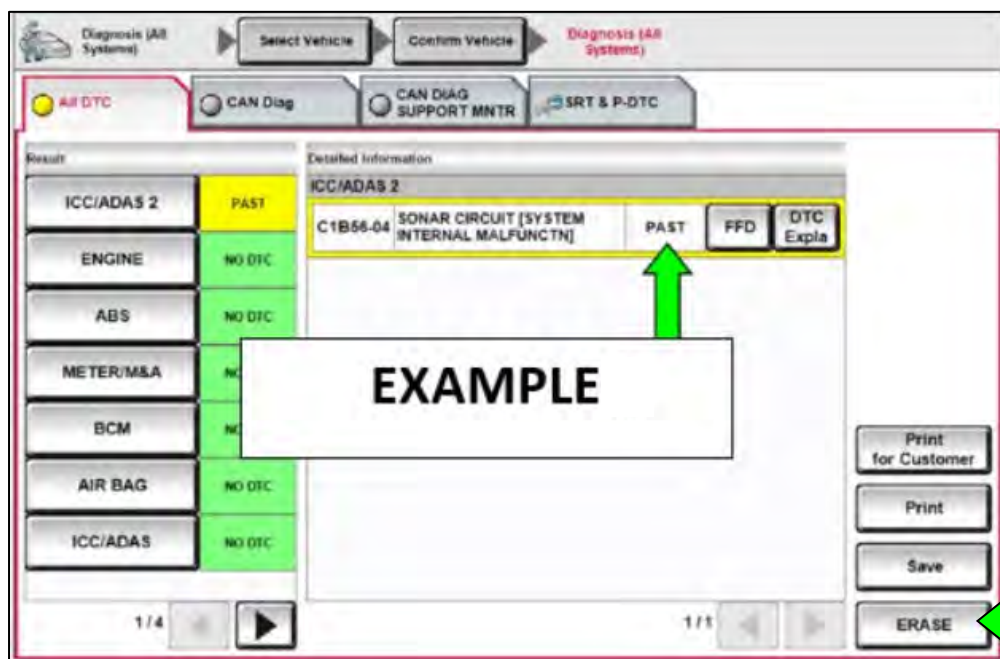


Figure 31

## CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Perform Software Check ICC/ADAS2	(1)	RXF6AA	ZE	32	0.3
Perform Software Check and Reprogram		RXF7AA			1.0

(1) Refer to the electronic parts catalog and use the ADAS Controller Assy (284E7-\*\*\*\*\*) part number as the Primary Failed Part (PFP).

**HINT:** FRT allows adequate time to access DTC codes. No other diagnostic procedures subsequently required. Do NOT claim any Diagnostic Op Codes with this claim.

## AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
November 13, 2024	NTB24-050	Original bulletin published
January 10, 2025	NTB24-050A	<b>OP CODE</b> in <b>CLAIMS INFORMATION</b> updated.