



VOLUNTARY RECALL CAMPAIGN

Classification:	Reference:	Date:
ST22-001A	NTB22-079A	November 30, 2022

VOLUNTARY SAFETY RECALL CAMPAIGN 2021 KICKS AND 2021 VERSA; STEERING COLUMN

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

CAMPAIGN ID #: PMA10
APPLIED VEHICLES: 2021 Kicks (P15)
2021 Versa (N18)

**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 2021 Kicks and 2021 Versa vehicles, to inspect and, if necessary, replace the steering column. This service will be performed at no charge to the customer for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number PMA10 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.

REQUIRED TOOLS

- A white crayon will be required to perform this action (Figure 1).
- Crayons are widely available and can be obtained from local or online retailers.



Figure 1

SERVICE PROCEDURE



To avoid the risk of serious personal injury or death, be sure to observe the following:

- Before servicing the SRS, turn the ignition OFF, disconnect both battery terminals then wait at least 3 minutes.
- Always work from the side of the driver (LH) side knee air bag module. Do not work in front of it.
- Do not use air tools or electric tools for servicing the LH side knee air bag module.
- Always place the LH side knee air bag module with the pad side facing upward.
- Do not cause impact to the LH side knee air bag module by dropping, etc.
- Replace the LH side knee air bag module if it has been dropped or sustained an impact.
- Do not allow oil, grease, detergent, or water to come in contact with the LH side knee air bag module.
- Do not insert any foreign objects (screwdriver, etc.) into the LH side knee air bag module.
- Do not disassemble the LH side knee air bag module.
- Do not expose the LH side knee air bag module to temperatures exceeding 93°C (199°F).

EPS Control Unit Data Saving

CAUTION

To avoid damage to the EPS control unit during replacement, the EPS control unit vehicle specifications must be saved from the original EPS control unit and written to the replacement EPS control unit using Consult.

1. Turn the ignition ON with the engine OFF.
2. Turn the hazard warning lights ON.
3. Connect the VI to the vehicle.
4. Start C-III plus.
5. Wait for the VI to be recognized.
6. Select **Re/programming, Configuration**.

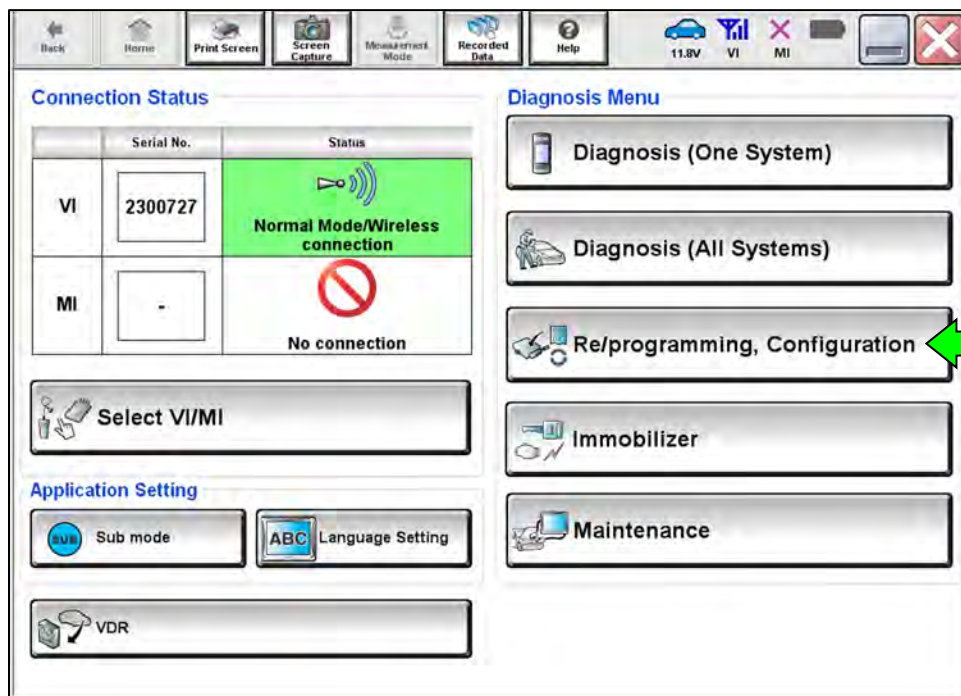


Figure 2

7. Enter **Username** and **Password**.

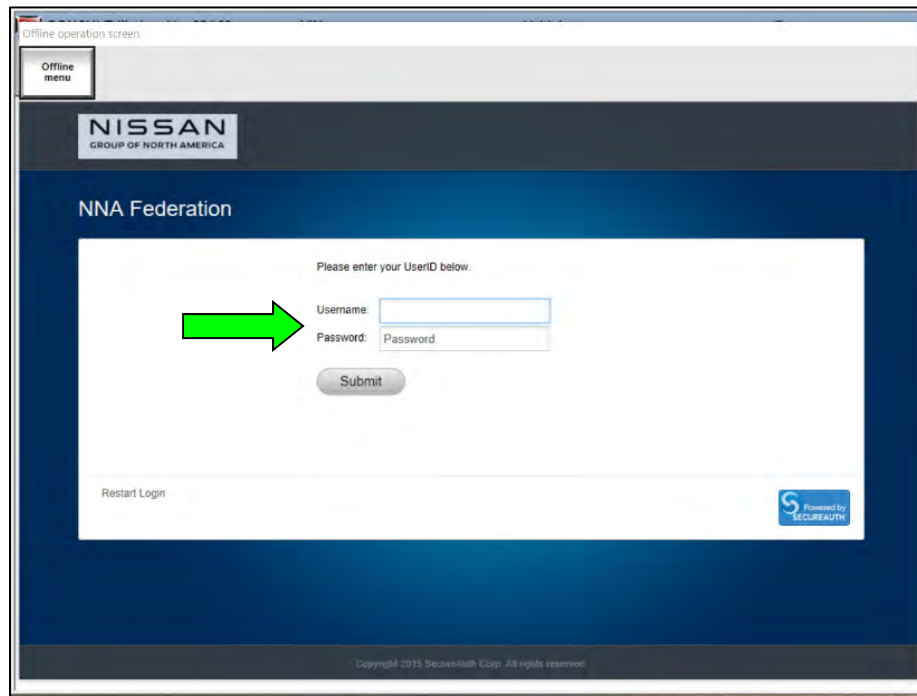


Figure 3

8. 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.

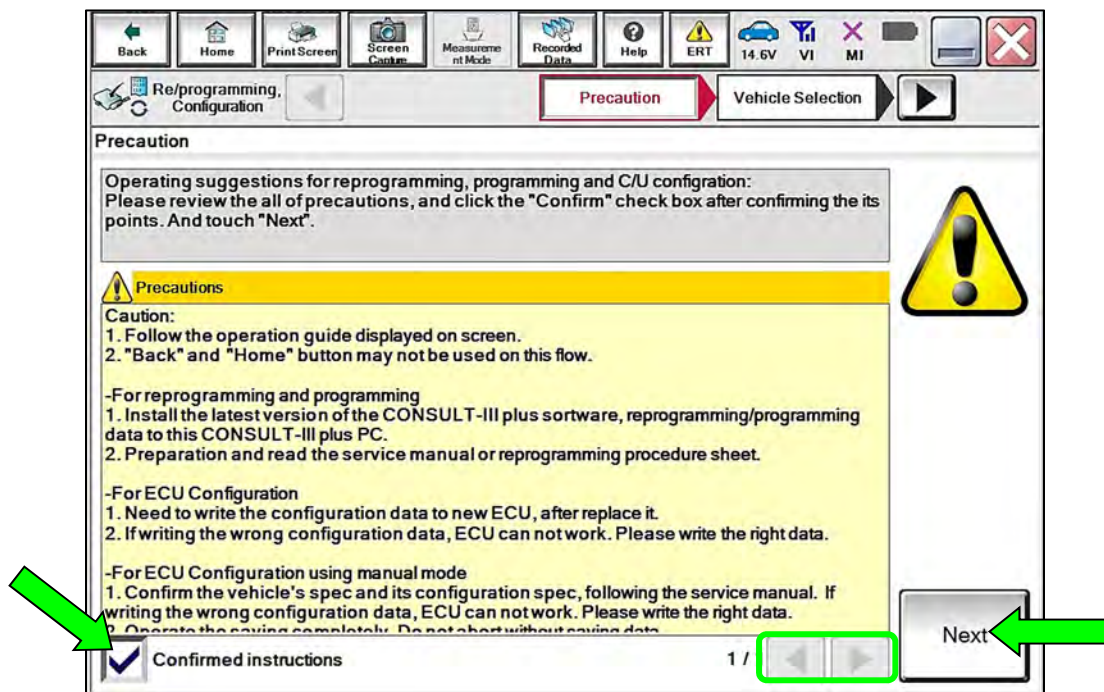


Figure 4

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

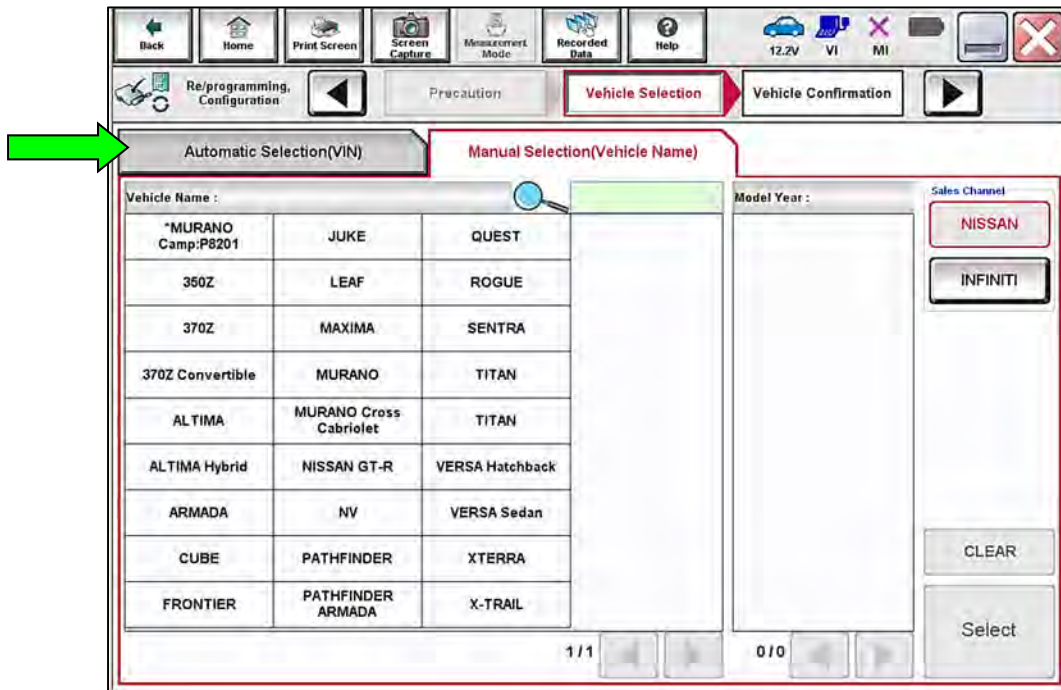


Figure 5

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

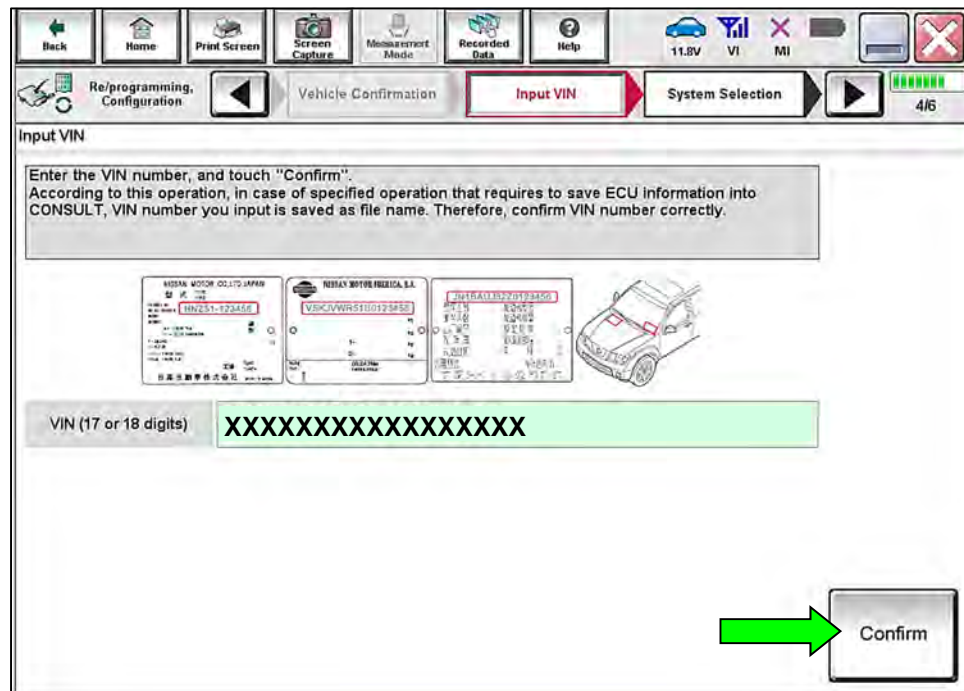


Figure 6

11. Select **EPS/DAST 3**.

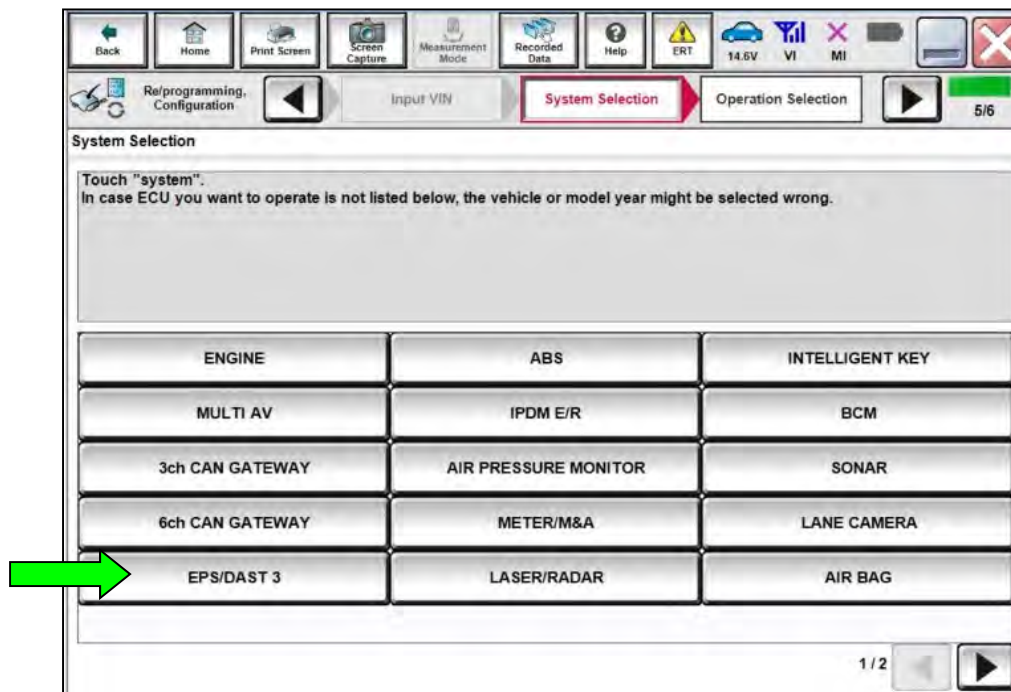


Figure 7

12. Select **Before ECU Replacement**.

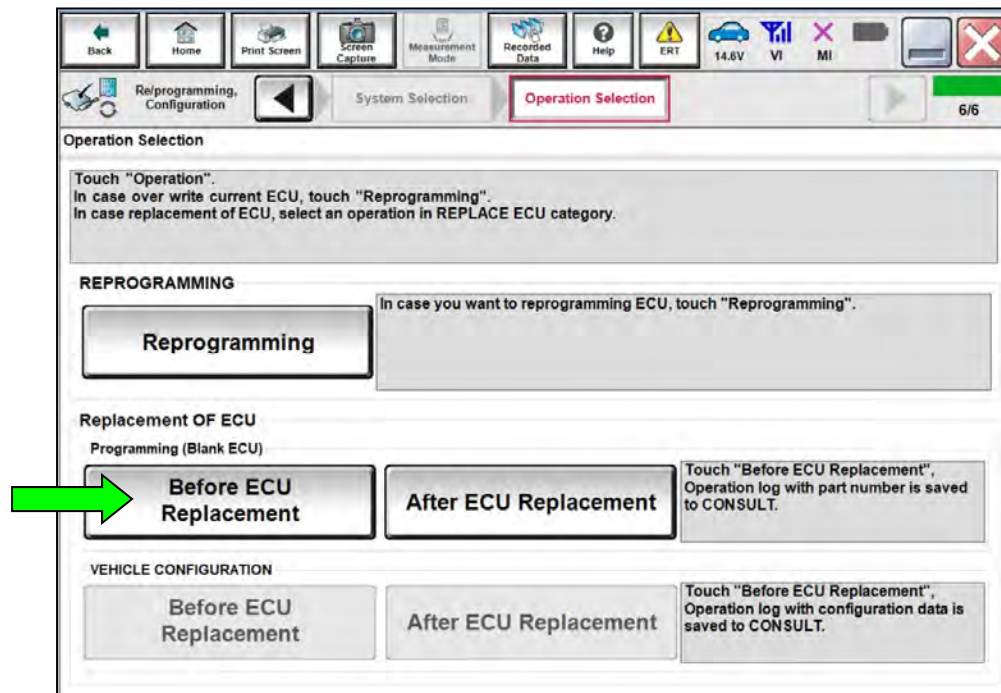


Figure 8

13. On the **Save ECU Data** screen, write the EPS **Part Number** on the repair order, and then select **Save**.

Touch "Save" to save operation log and the current part number as listed below to CONSULT. Operation log helps to restart next operation by selecting suitable operation log. Operation log is erased after operation has completely finished.

File Label	XXXXXXXXXXXX
Operation	Programming (Blank ECU)
System	EPS/DAST 3
Part Number	28504-XXXXX
Vehicle	XXXXXXXXXXXX
VIN	XXXXXXXXXXXX
Date	XXXXXXXXXXXX

Save

Figure 9

14. Select **Next**.

Operation log and ECU data (Some of ECU need to be saved, not all) have been saved to CONSULT. Touch "Next" and replace ECU. After replacement of ECU, operation can start from suitable operation by selecting this operation log.

File Label	XXXXXXXXXXXX
Operation	Programming (Blank ECU)
System	EPS/DAST 3
Part Number	28504-XXXXX
Vehicle	XXXXXXXXXXXX
VIN	XXXXXXXXXXXX
Date	XXXXXXXXXXXX

Other Operation

Next

Figure 10

Vehicle Disassembly

15. Write down the radio settings.

Presets	1	2	3	4	5	6
AM						
FM 1						
FM 2						
XM 1						
XM 2						
XM 3						
Bass	Treble	Balance	Fade	Speed Sen. Vol.		

16. If equipped, write down the customer settings for the ATC (Automatic Temperature Control) system.
17. Turn the ignition OFF.
18. Disconnect the negative and positive battery terminals, negative battery terminal first.
- Wait at least 3 minutes.
19. Remove the driver (LH) side knee air bag module.
- For Kicks, refer to the ESM: **RESTRAINTS > SRS AIRBAG > REMOVAL AND INSTALLATION > LEFT KNEE AIR BAG MODULE > Removal and Installation**
 - For Versa, refer to the ESM: **RESTRAINTS > SRS AIRBAG > REMOVAL AND INSTALLATION > KNEE AIR BAG MODULE LH > Removal and Installation**

WARNING

- To avoid serious personal injury and/or death in the event of unintended deployment, always place the LH side knee air bag module with the pad side facing upward.
- To prevent damage to the LH side knee air bag module, place it in a safe place.
- To avoid personal injury, do not reuse the LH side knee air bag module bolts.

Steering Column Inspection

20. Locate the steering column torque sensor (Figure 11).

- The torque sensor lot code is located on the back side of the torque sensor and is visible by looking upward at the torque sensor.

IMPORTANT: DO NOT remove or disconnect the steering column torque sensor.

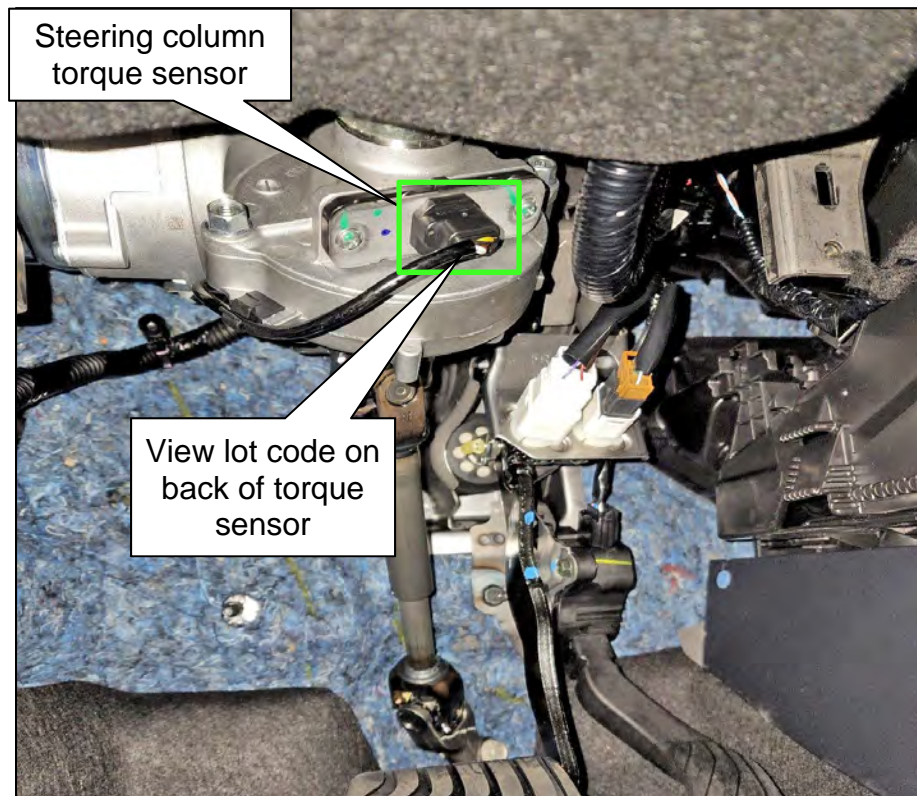


Figure 11

21. Highlight the lot code of the steering column torque sensor.

- Using a white crayon, with light pressure, rub the crayon over the lot code until the lot code is legible.
- Do NOT apply force to the torque sensor and torque sensor harness and connector when applying the crayon markings.

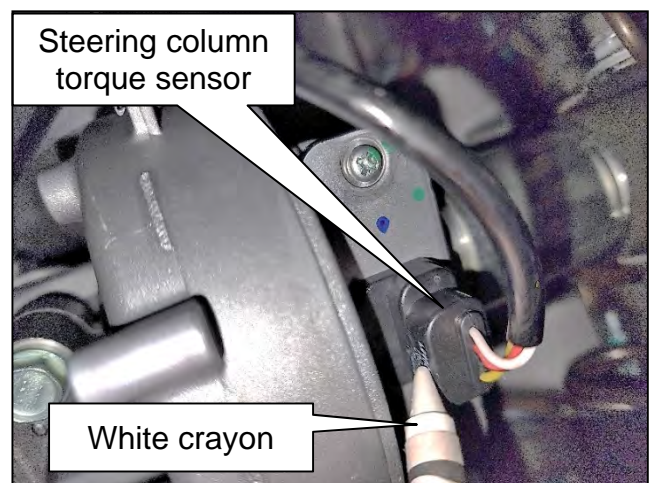


Figure 12

22. Document the lower line of the lot code on the repair order.

HINT: Taking a photo of the lot code with a cell phone can assist with reading the lot code.

- After documenting the lot code, using a dry shop rag, wipe the crayon markings off of the steering column torque sensor with light pressure.
 - Do NOT apply force to the torque sensor and torque sensor harness and connector when wiping off the crayon markings.

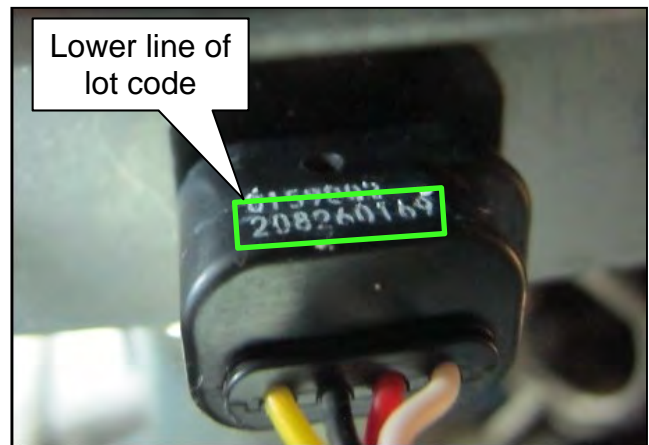


Figure 13

23. Review the first five (5) characters of the lot code obtained in step 22 and compare to the **LOT CODES** listed in **Table A**.

Table A

MODEL	MODEL YEAR	LOT CODES
Kicks, Versa	2021	21624, 21625, 21626, 21627, 21628

- If the first five (5) characters of the lot code matches one of the sets of numbers in **Table A**, replace the steering column assembly.
 - Refer to the ESM: **STEERING > STEERING SYSTEM > REMOVAL AND INSTALLATION > STEERING COLUMN > Removal and Installation**
 - Continue to step 24 on page 12.
- If the first five (5) characters of the lot code does NOT match one of the sets of numbers in **Table A**, steering column replacement is not necessary. Continue to step 24 on page 12.

Vehicle Reassembly

24. Reassemble the vehicle in the reverse order.
 - Replace the LH side knee air bag module bolts with the ones listed in **PARTS INFORMATION** on the last page.
 - LH side knee air bag module bolt torque: 10.8 N•m (1.1 kg-m, **8 ft-lb**)
25. Connect both battery terminals, negative battery terminal last.
 - Battery terminal bolt torque: 5.5 N•m (0.6 kg-m, **49 in-lb**)
26. Perform **ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL**.
 - Refer to the ESM: **ELECTRICAL & POWER CONTROL > POWER SUPPLY, GROUND & CIRCUIT ELEMENTS > BASIC INSPECTION > INSPECTION AND ADJUSTMENT > ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL**
 - If the steering column was replaced, continue to step 27.
 - If the steering column was not replaced, skip to **CLAIMS INFORMATION** on the last page.

EPS Control Unit Data Writing

27. Turn the ignition ON with the engine OFF.
28. Connect the VI to the vehicle, if not currently connected.
29. Start C-III plus.
30. Wait for the VI to be recognized.
31. Select **Re/programming, Configuration**.

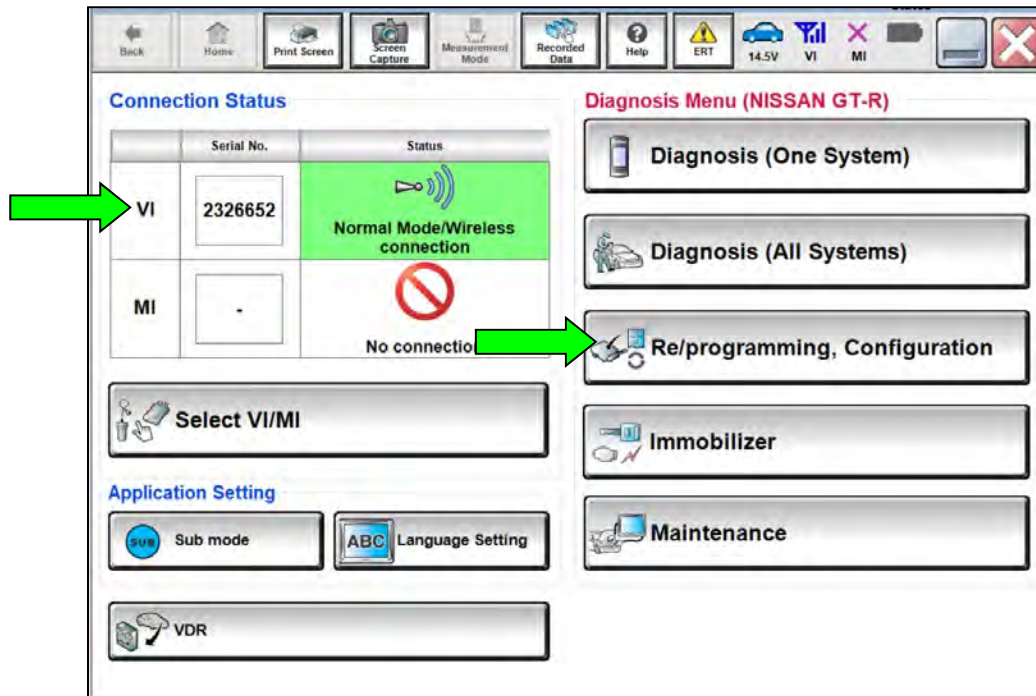


Figure 14

32. 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.

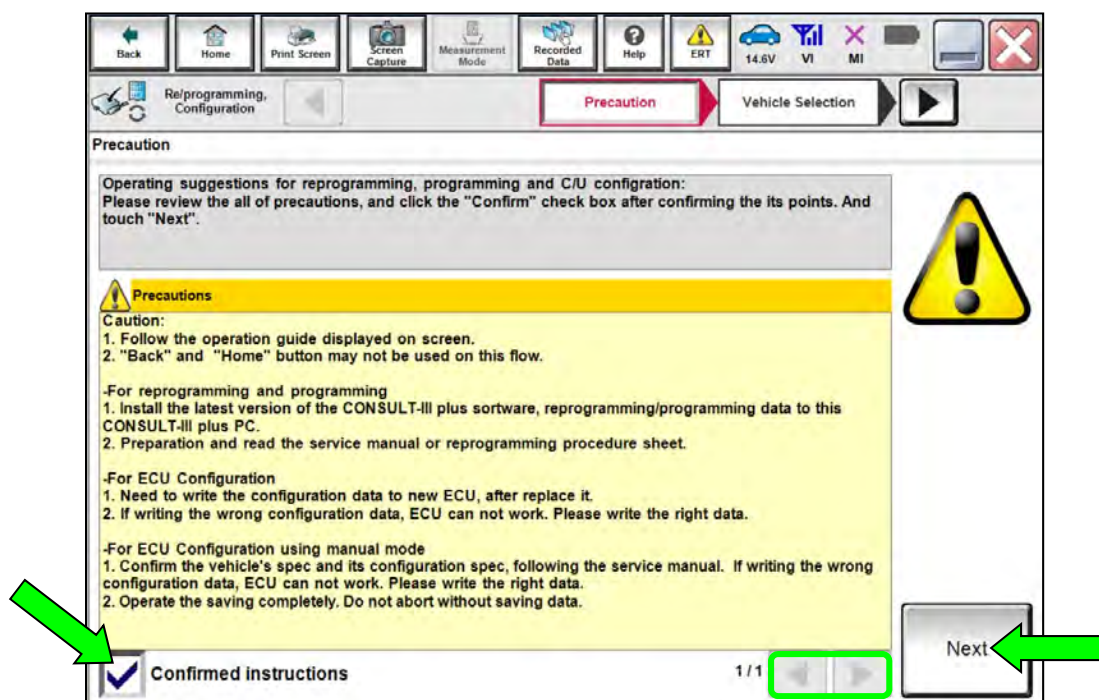


Figure 15

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

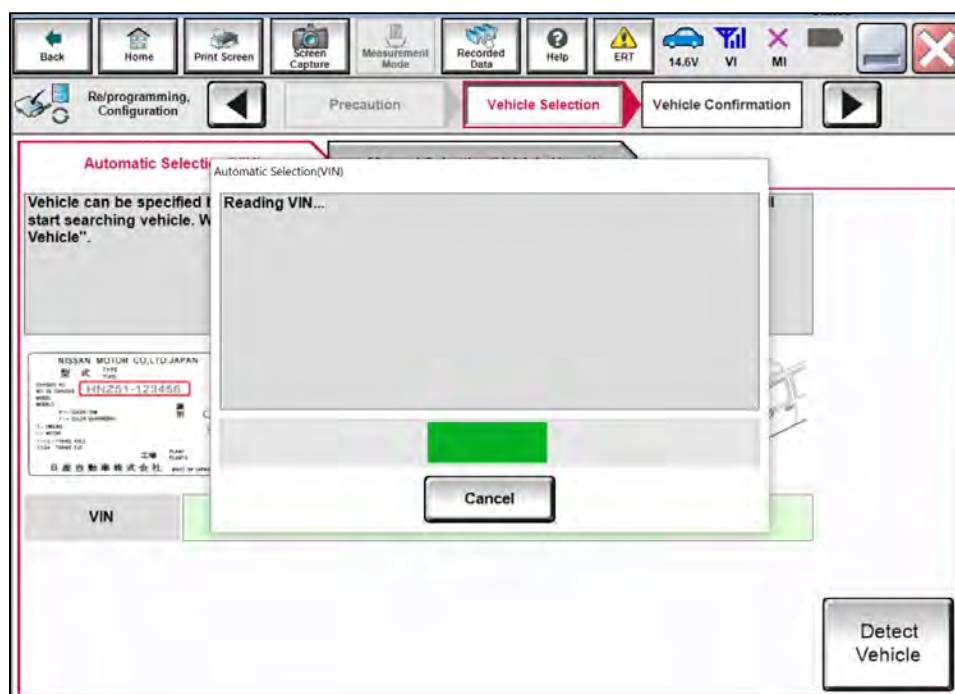


Figure 16

34. Confirm the selected information is correct for the vehicle, and then select **Confirm**.

The screenshot shows a software interface with a top toolbar containing icons for Back, Home, Print Screen, Screen Capture, Measurement Mode, Recorded Data, Help, ERT, 14.5V, VI, MI, and a close button. Below the toolbar is a navigation bar with 'Re/programming, Configuration', 'Vehicle Selection', and 'Vehicle Confirmation' (highlighted with a red box). The main area contains the text: 'Please confirm selected information and touch "Confirm". In case you want to select another vehicle, touch "Change".' Below this is a form with three rows: 'VIN or Chassis #' with value 'XXXXXXXXXXXX', 'Vehicle Name :' with value 'XXXXXXXXXX', and 'Model Year' with value 'XXXXXX'. At the bottom right of the form is a '1/1' indicator and navigation arrows. To the right of the form are two buttons: 'Change' and 'Confirm'. A large green arrow points to the 'Confirm' button.

Figure 17

35. Allow **System call** to complete.

This screenshot shows the same 'Vehicle Confirmation' screen as Figure 17, but with a modal dialog box overlaid. The dialog box is titled 'System Call' and contains the text 'System call performing... Please wait...'. Below the text is a green progress bar that is approximately 54% full, with the text '54%' to its right. At the bottom of the dialog box is a 'Cancel' button. The background screen is dimmed, but the 'Change' and 'Confirm' buttons are still visible at the bottom right.

Figure 18

36. Verify the VIN, and then select **Confirm**.

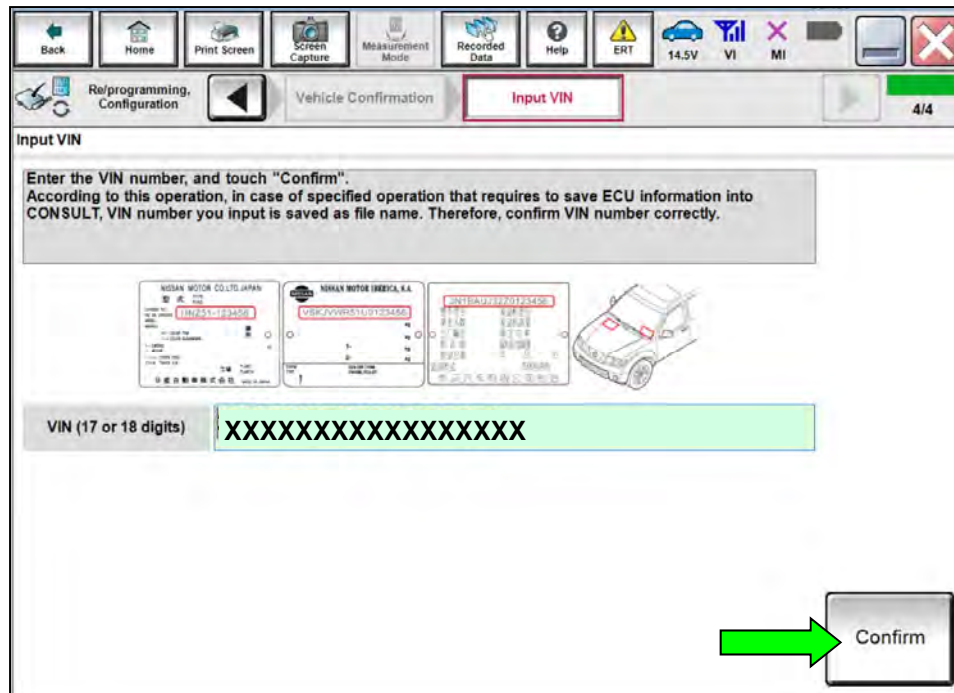


Figure 19

37. Wait for the **Operation Log Selection** screen to populate.

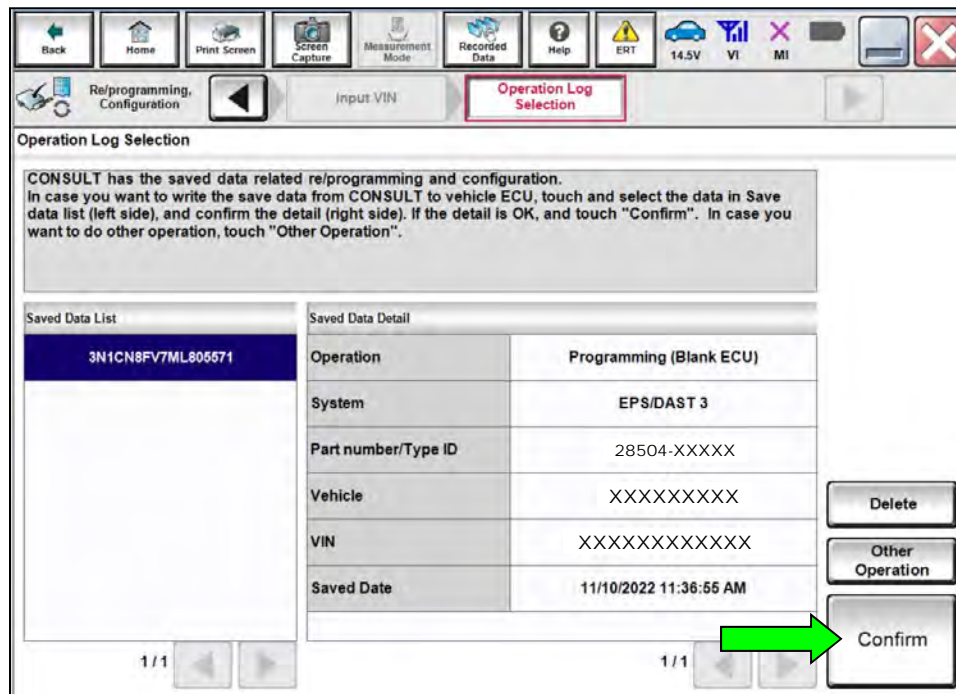


Figure 20

38. Touch and select the data in **Saved Data List** (left side).

39. If the **Saved Data Detail** is OK, select **Confirm**.

40. Select **Yes**.

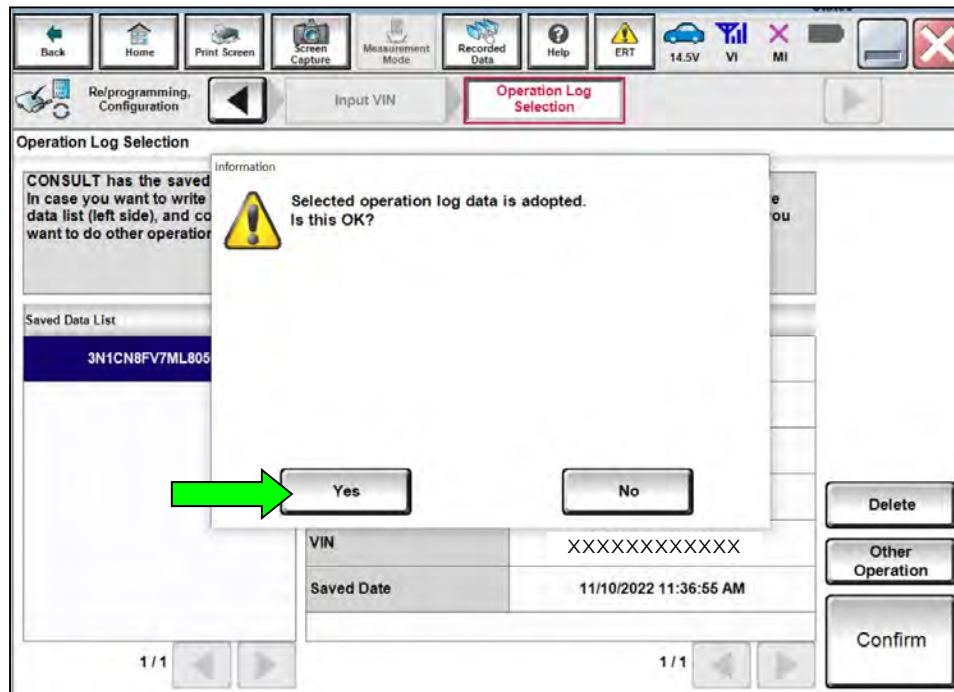


Figure 21

41. 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.

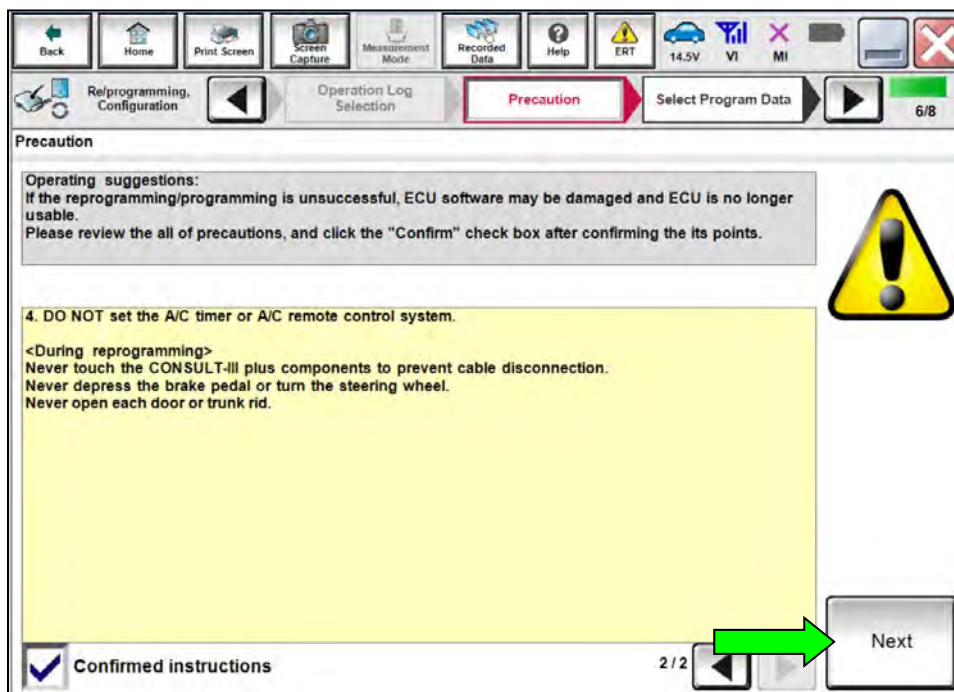


Figure 22

42. Confirm the **Select Program Data** is correct, and then select **Next**.

Confirm the detail listed below, and touch "Next" if OK.
-In case the screen to select reprog/programming 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 reprog/programming data in CONSULT.

Part Number After Repro/programming	28504XXXXX
Order Part number	28500XXXXX
Vehicle	XXXXXXXXXX
VIN	XXXXXXXXXXXX
System	EPS/DAST 3
Other Information	US_RC
Expected time to finish re/programming	1min

Re-select

Next

Figure 23

43. Follow the screen prompts to ensure the vehicle condition is **OK**, and then select **Next**.

Operate according to the following procedures.

- 1 Remove the terminal caps of battery, and connect battery charger to battery.
- 2 Adjust the battery charger output so that the vehicle battery voltage is between 12.0V and 13.6V. The vehicle battery voltage is shown on the top-right of this screen.
- 3 Confirm the RESULT is OK, touch "Next".

Result

OK

Next

Figure 24

44. Confirm all **Judgement** items are GREEN, and then select **Start** to write the EPS control unit data.

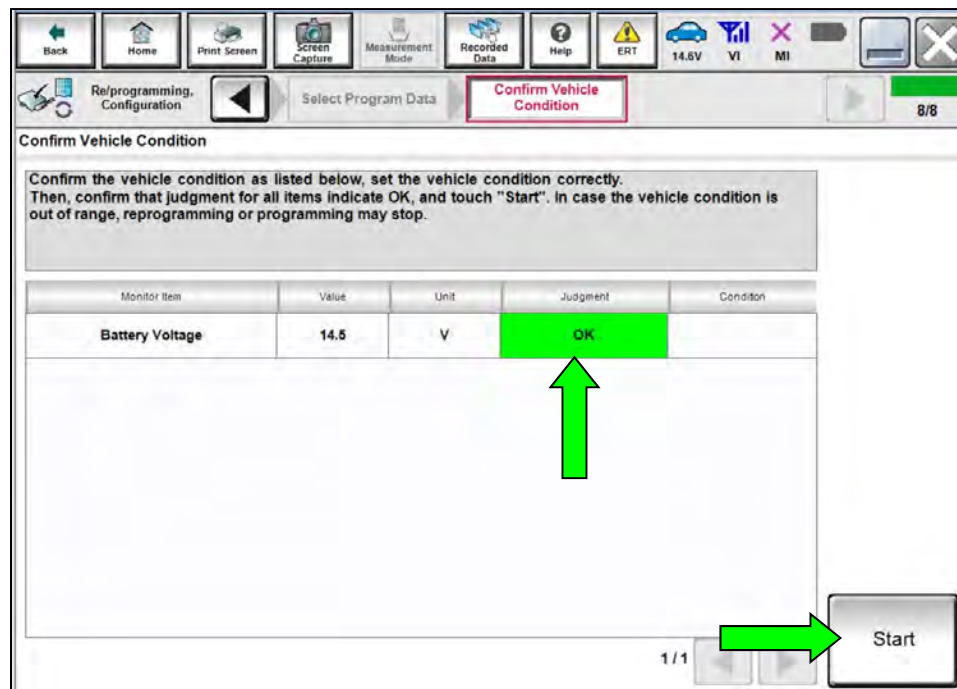


Figure 25

45. Allow **Transfer Data** to complete.

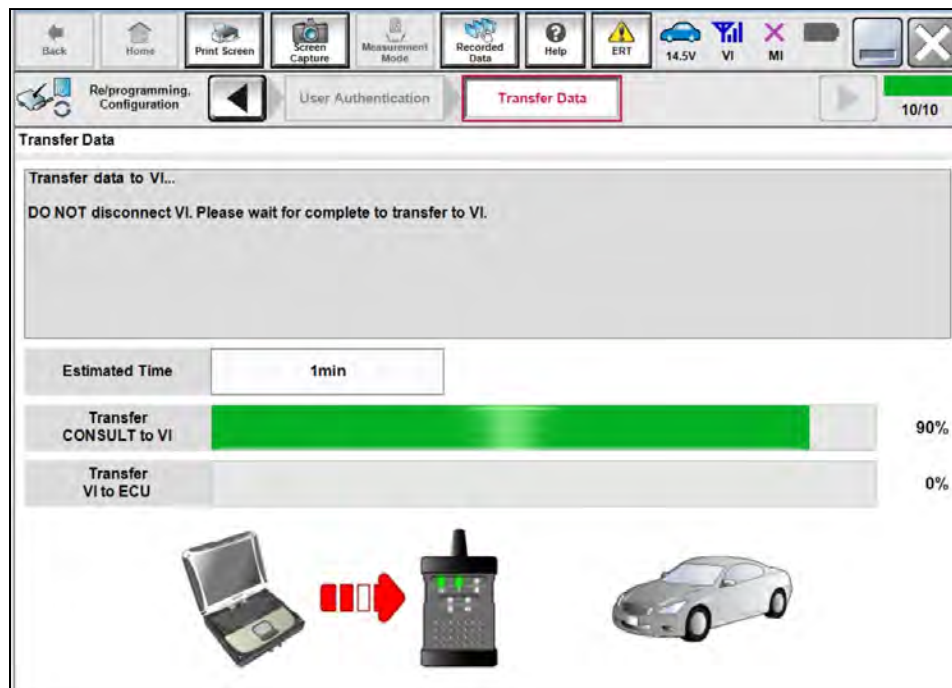


Figure 26

46. When the screen in Figure 27 displays, select **Next** (reprogramming is complete).
- If the screen in Figure 27 does not display (which indicates reprogramming did not complete), skip to **Control Unit Recovery** on page 25.

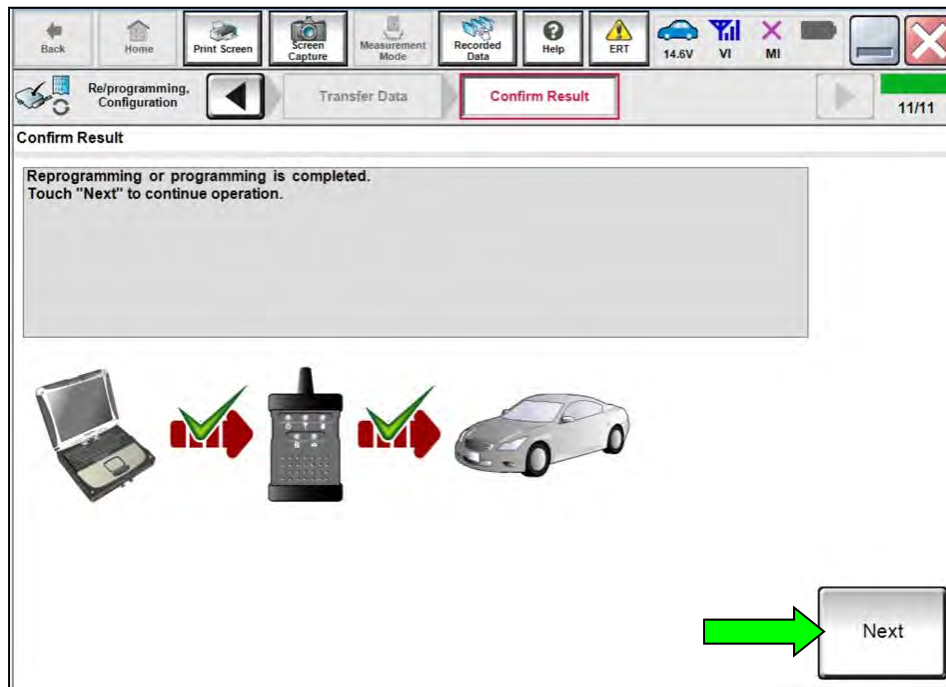


Figure 27

47. Follow the on-screen prompts, and then select **Next**.

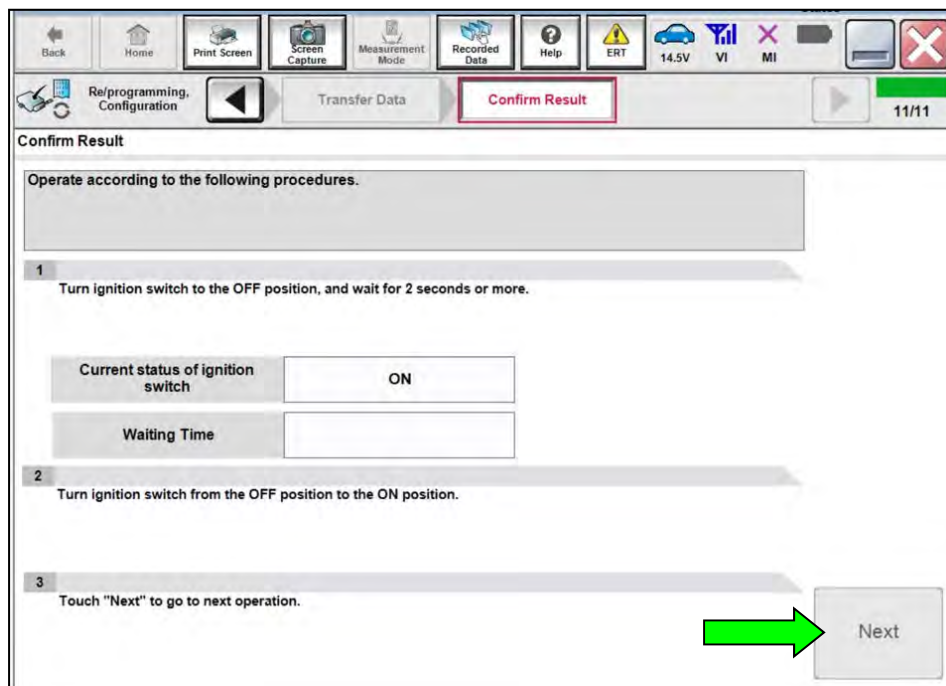


Figure 28

48. Follow the on-screen prompts, and then select **Next**.

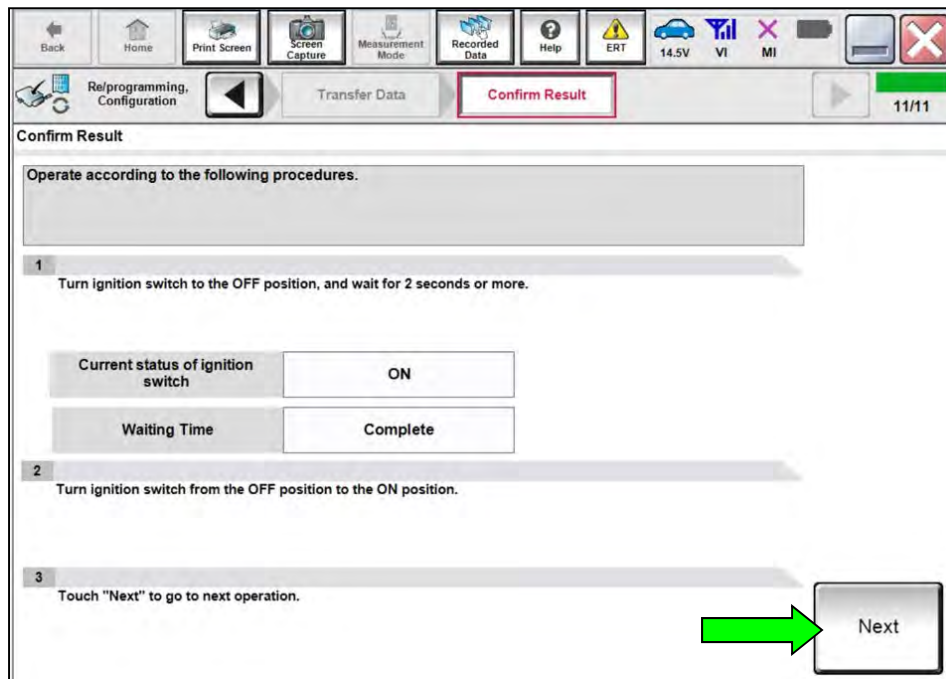


Figure 29

49. Allow **System call** to complete, and then select **Next**.

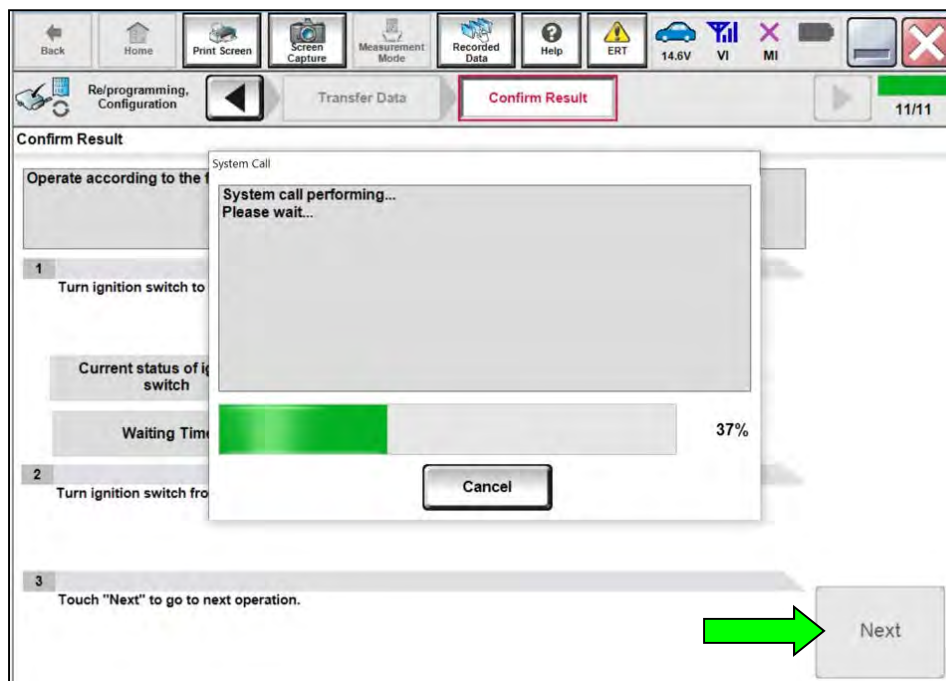


Figure 30

50. Follow the on-screen prompts to **Erase All DTCs**.

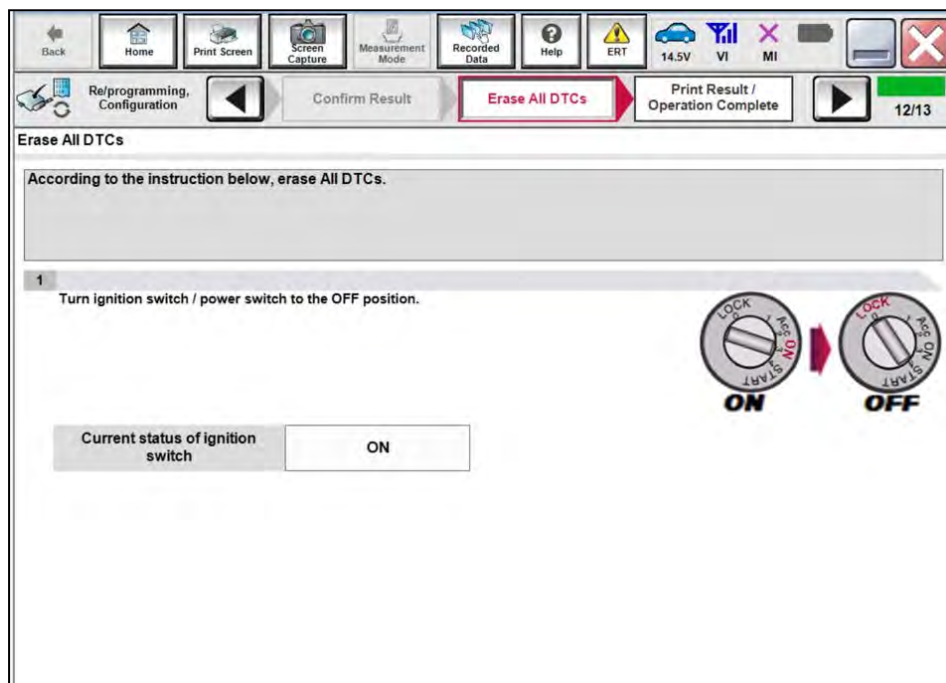


Figure 31

51. After completing **Erase All DTCs**, print a copy of the CONSULT screen showing the before and after part numbers of the control unit and attach it to the repair order, and then select **Confirm**.

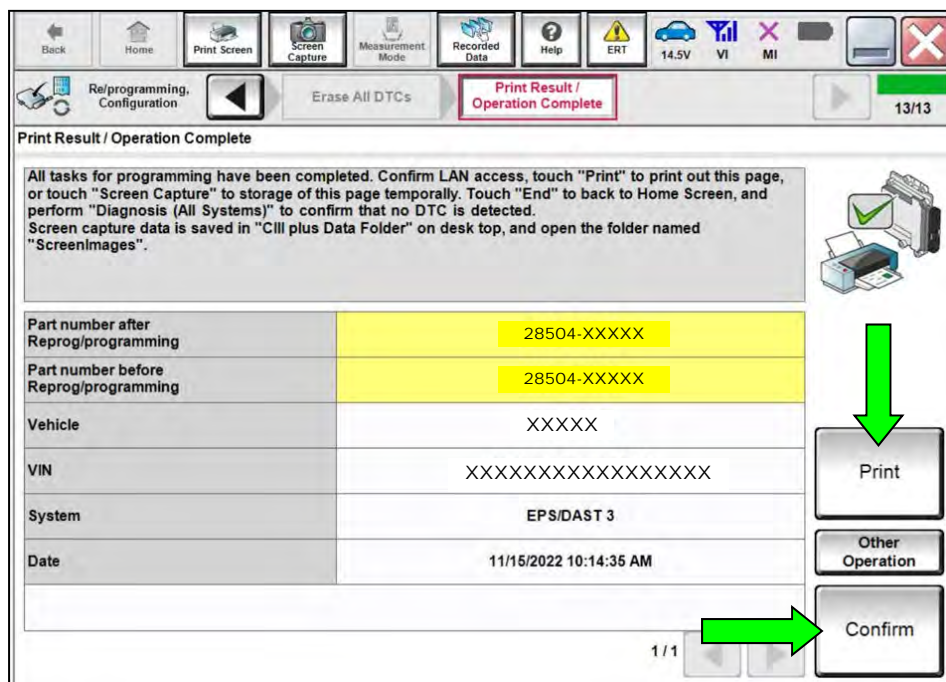


Figure 32

52. Follow the on-screen prompts.

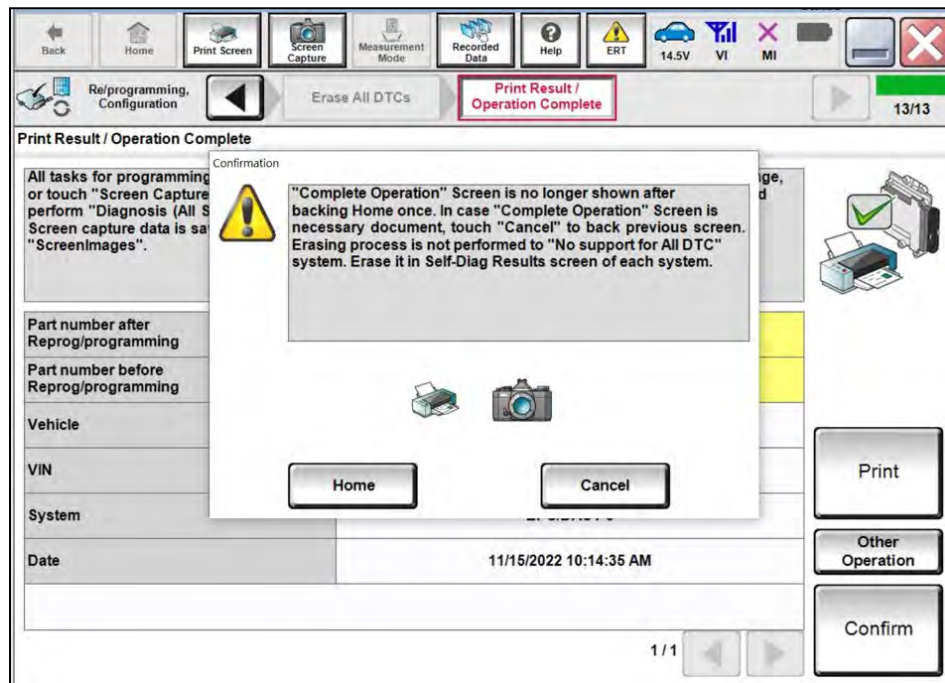


Figure 33

53. Close the C-III plus application.

54. Remove the VI from the vehicle.

Control Unit 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 34:

- Check battery voltage (12.0–15.5 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.**

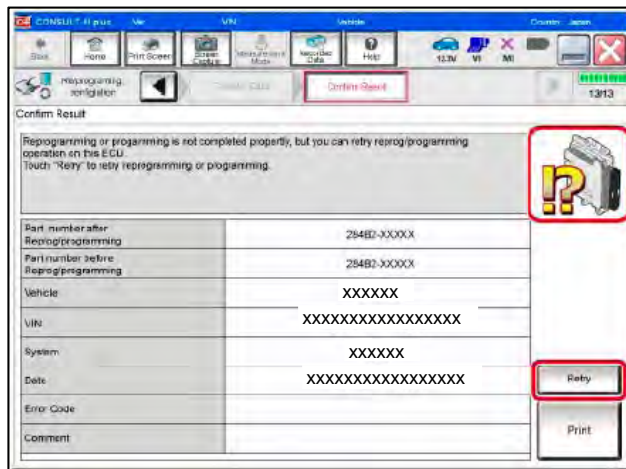


Figure 34

If reprogramming does not complete and the “X” icon displays as shown in Figure 35:

- 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 Home, and restart the reprogram procedure from the beginning.**

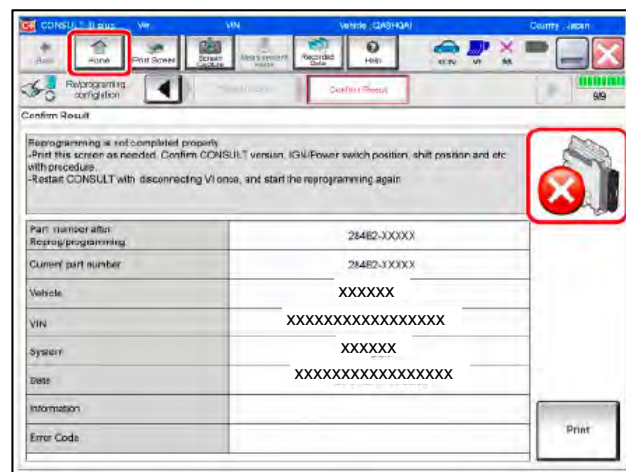


Figure 35

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
BOLT (Knee Air Bag Module)	01125-N6061	2
BOLT (Steering Wheel)	48935-3BA0A	If Needed (1)
COLUMN ASSY – STEERING, UPPER	48810-5EE0A	If Needed (1)

(1) Only to be used if the steering column requires replacement.

CLAIMS INFORMATION

Submit a “CM” line claim using the following claims coding:

CAMPAIGN (“CM”) ID	DESCRIPTION	OP CODE	FRT
PMA10	Inspect Torque Sensor only	PMA100	0.7
	Inspect Torque Sensor and Replace Steering Column	PMA101	1.8

EXPENSE CODE

EXPENSE CODE	DESCRIPTION	MAX AMOUNT
061	Crayons	\$2.00

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
September 15, 2022	NTB22-079	Original bulletin published
November 30, 2022	NTB22-079A	Changes throughout

