VOLUNTARY RECALL CAMPAIGN

Classification:	Reference:	Date:
EL26-002	NTB26-029	May 18, 2026

VOLUNTARY SAFETY RECALL CAMPAIGN
2019-2022 LEAF; HV BATTERY

CAMPAIGN ID #: R24B2 and R25C8
APPLIED VEHICLES: 2019-2022 LEAF (ZE1)

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 2019-2022 LEAF vehicles to reprogram the Vehicle Control Module (VCM) and the Lithium Battery Controller (LBC). Technicians will check for specific EV Battery DTCs, and if detected, additional diagnostic service will be required. This service will be performed at no charge to the customer for parts or labor.

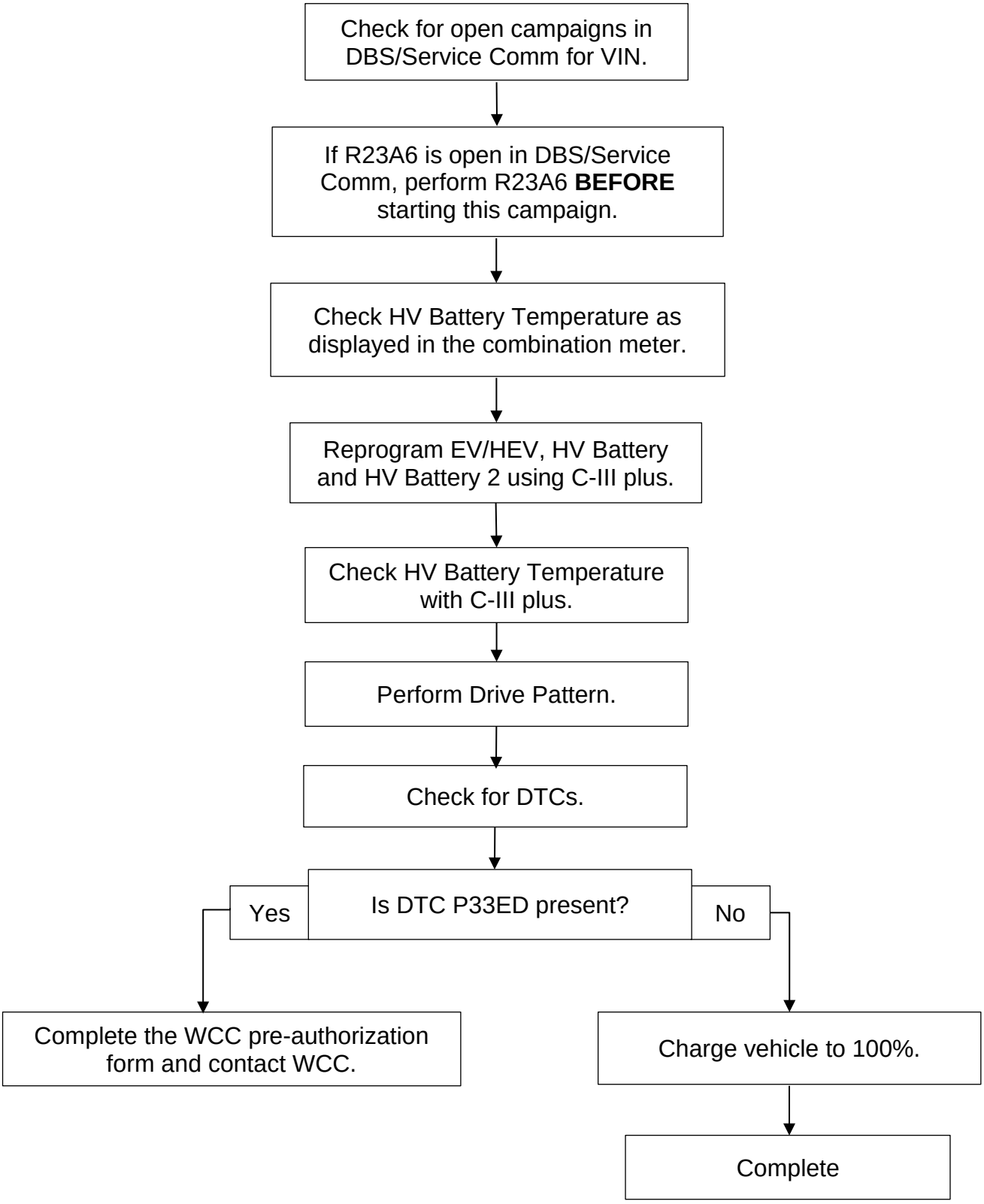
IDENTIFICATION NUMBER

Nissan has assigned identification numbers R24B2 and R25C8 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.

Repair Overview



SERVICE PROCEDURE

IMPORTANT: The HV Battery must be at or above 20°C (68°F) before this campaign can be completed.

Tips for cold climate areas:

a. Perform campaign promptly when customer arrives at dealer

b. Store vehicle in shop (overnight, if required)

c. Charge vehicle using L2 charger (in shop)

d. Leave vehicle in the shop in Ready mode with loads on (defrost, rear defogger, headlights, etc.)

e. Drive vehicle in B mode (regenerative braking increases HV battery temperature due to higher load)

IMPORTANT: Before starting, make sure:

- ASIST 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.

NOTICE

- Connect a battery maintainer or smart charger set to reflash mode or a similar setting. If the vehicle battery voltage drops below 12.0 V or rises above 13.5 V during reprogramming, the HV Battery may be damaged.
- Be sure to turn OFF all vehicle electrical loads.
  If a vehicle electrical load remains ON, the HV Battery 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 HV Battery may be damaged.
- Turn OFF all external Bluetooth® devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the VI3. If Bluetooth® signal waves are within range of the CONSULT PC or VI3 during reprogramming, reprogramming may be interrupted and the HV Battery may be damaged.

1. Check the HV Battery Temperature as it is displayed in the combination meter (Figure 1).
   - If the HV Battery Temperature is below ~20°C (68°F) as shown in Figure 1, refer to **Tips for cold climate areas** on page 3 to bring the HV Battery Temperature to ~20°C (68°F) or above.
   - If the HV Battery Temperature is at or above ~20°C (68°F) as shown in Figure 1, continue to step 2.

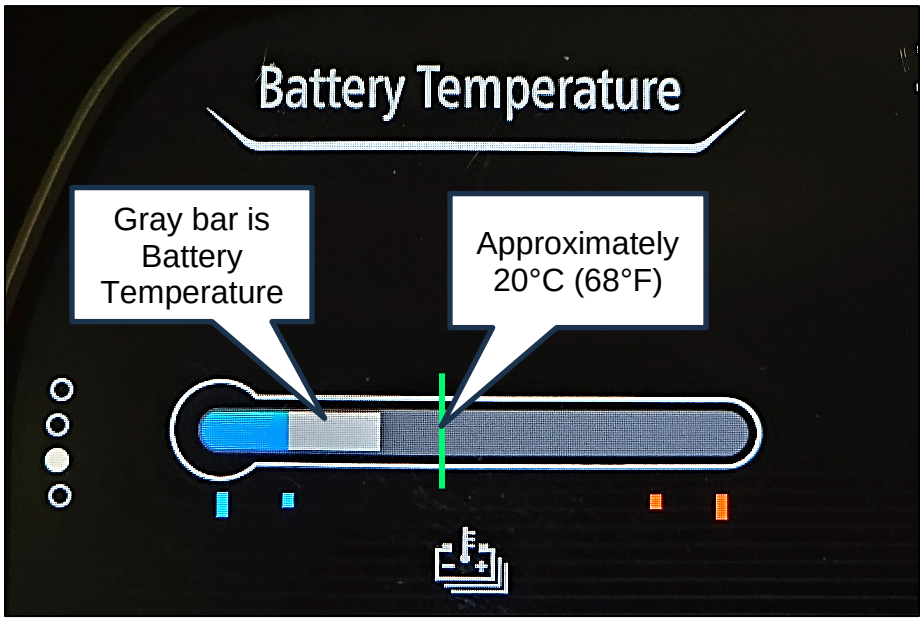


Figure 1

2. Confirm that the CONSULT PC is connected to Wi-Fi.

3. Connect the Vehicle Interface (VI3) to the vehicle.

4. Turn the EV system ON (Not Ready mode) by pressing the power switch two (2) times WITHOUT depressing the brake pedal.

5. Start C-III plus on the CONSULT PC.

6. If prompted, select **USA/CANADA Dealers** from the drop-down menu, and then select **OK**.

7. 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.

8. Wait for the VI3 to be recognized (Figure 2).
   - The serial number will be displayed when the VI3 is recognized.

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

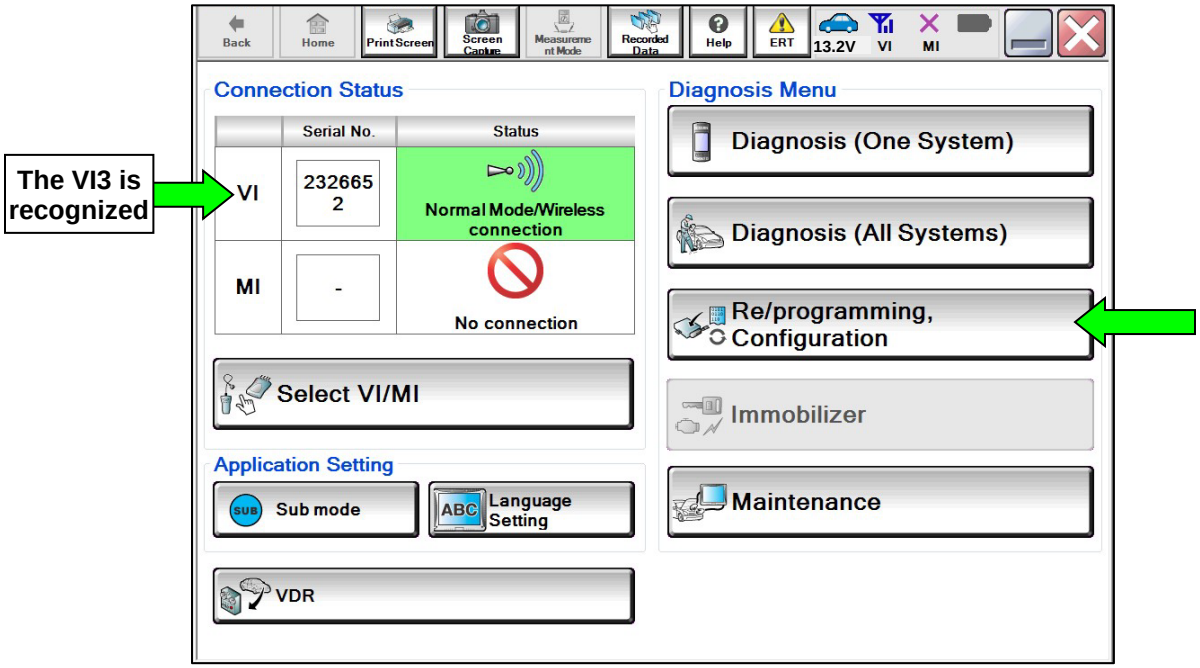


Figure 2

10. Check the box confirming the precautions have been read, and then select **Next**.

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

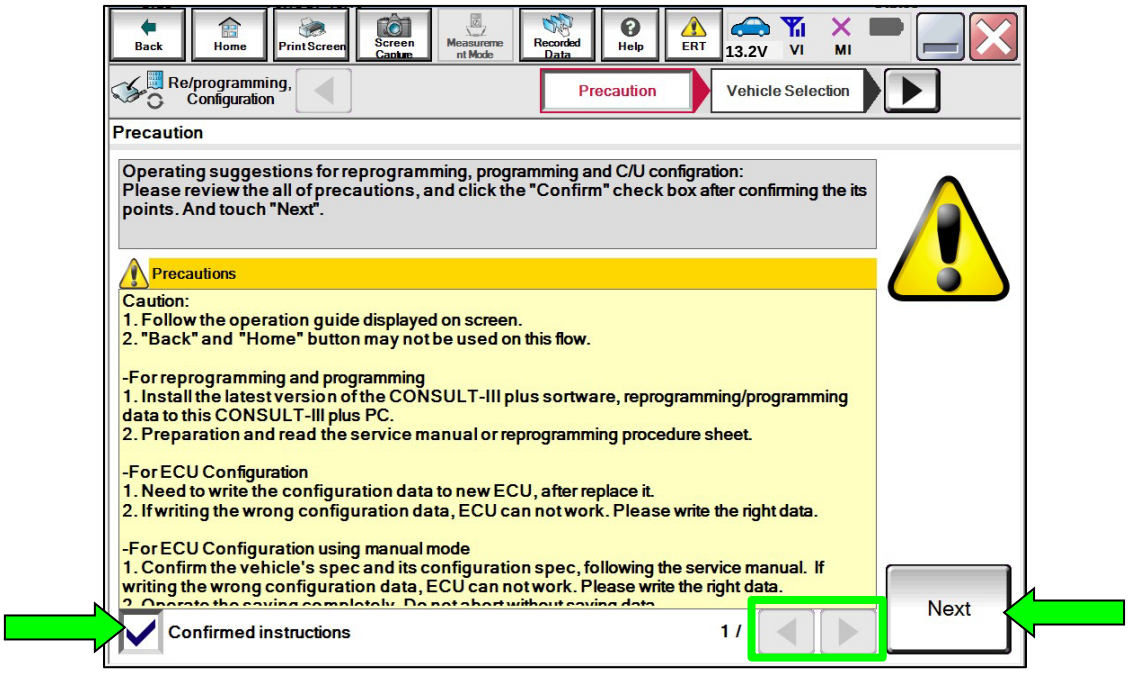


Figure 3

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

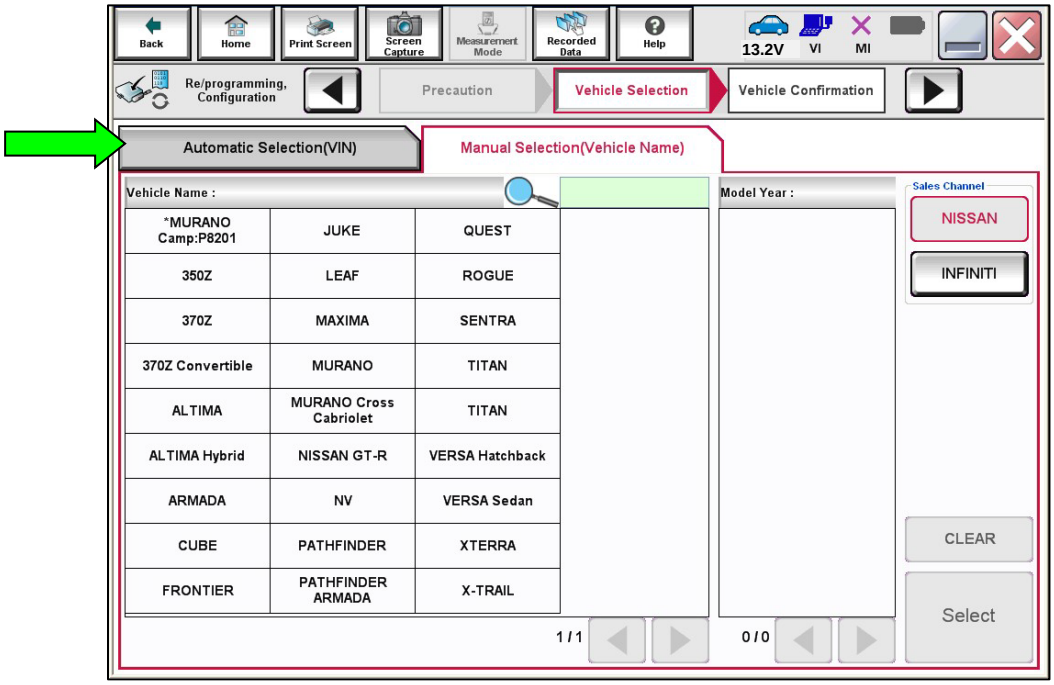


Figure 4

12. Allow the VIN to be detected.

· If the VIN is not automatically detected, select **Detect Vehicle**.

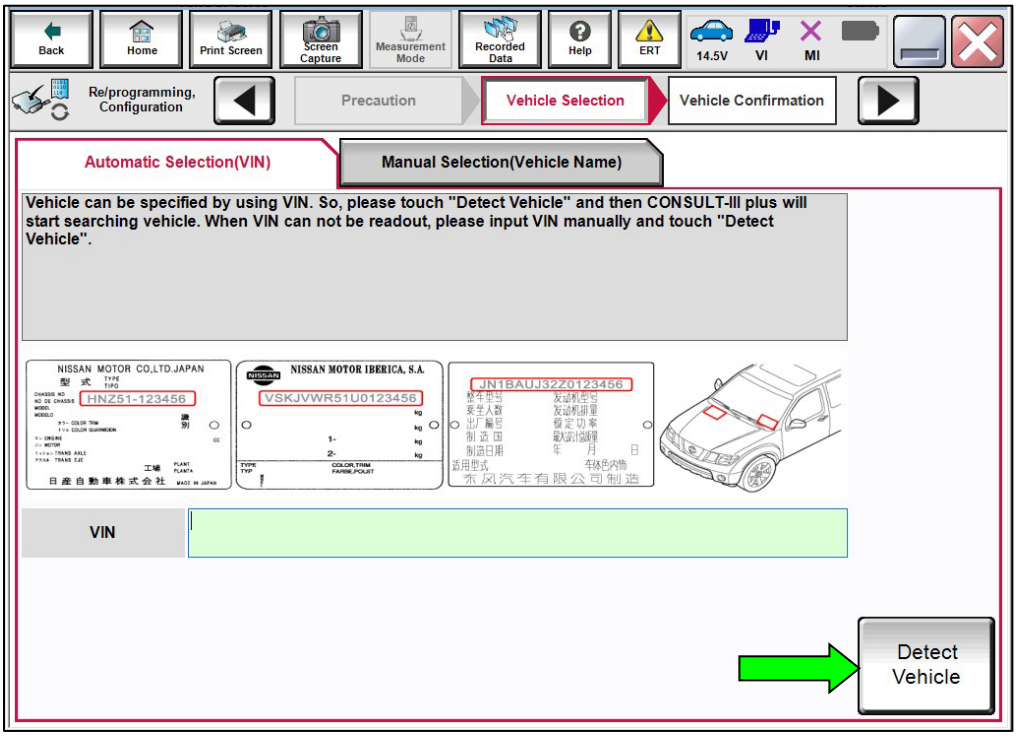


Figure 5

13. Confirm the **VIN or Chassis #**, **Vehicle Name**, and **Model Year** are correct for the vehicle you are working on, and then select **Confirm**.

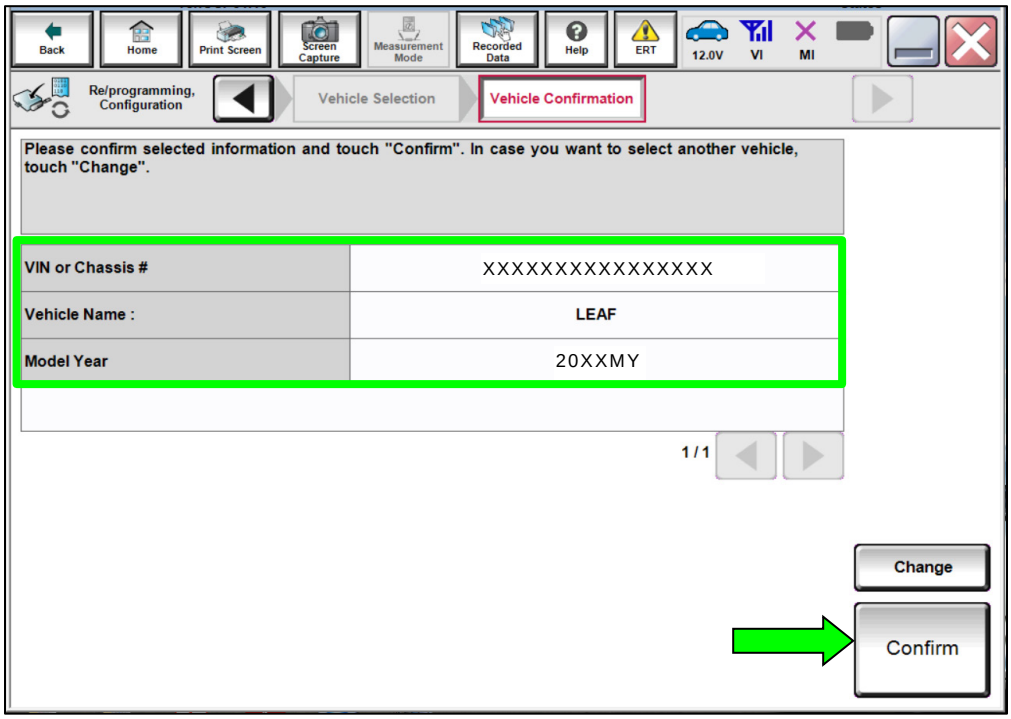


Figure 6

14. Verify the **VIN** displayed is correct for the vehicle you are working on, and then select **Confirm**.

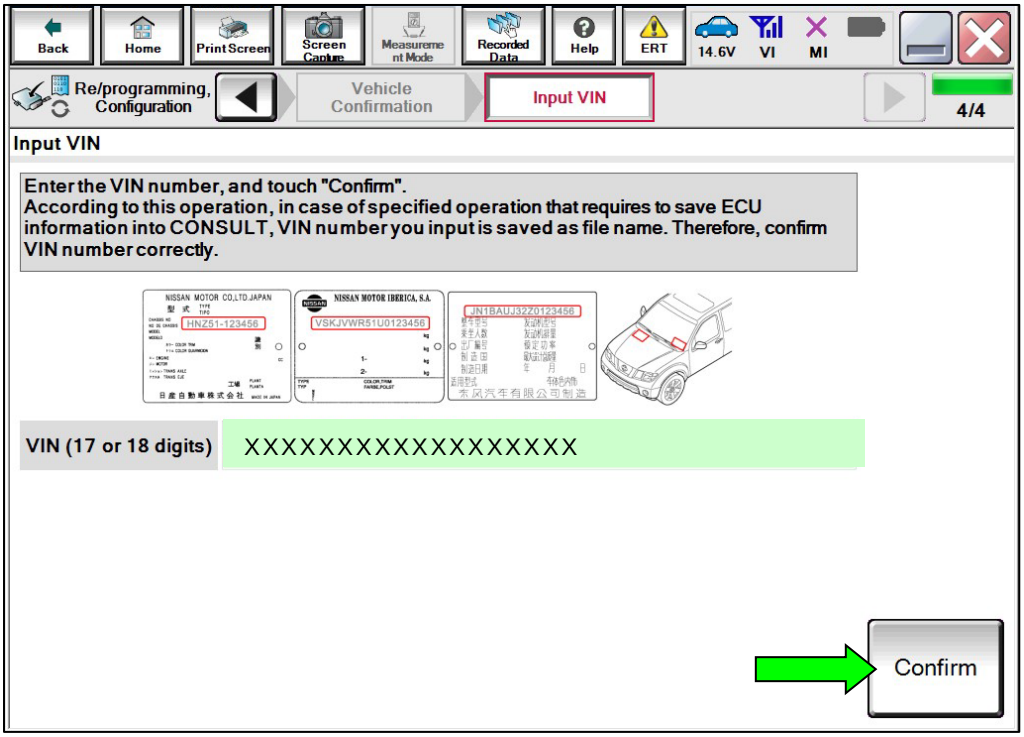


Figure 7

15. Select **EV/HEV**.

· Scroll to page 2 to select **EV/HEV**.

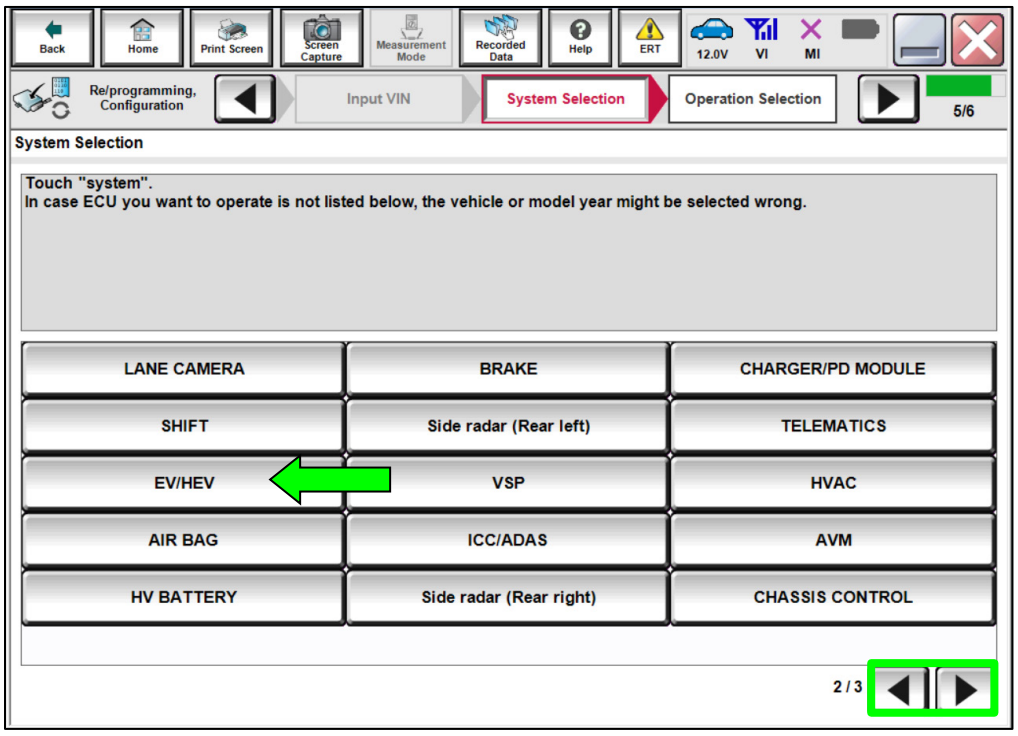


Figure 8

16. Select **Reprogramming**.

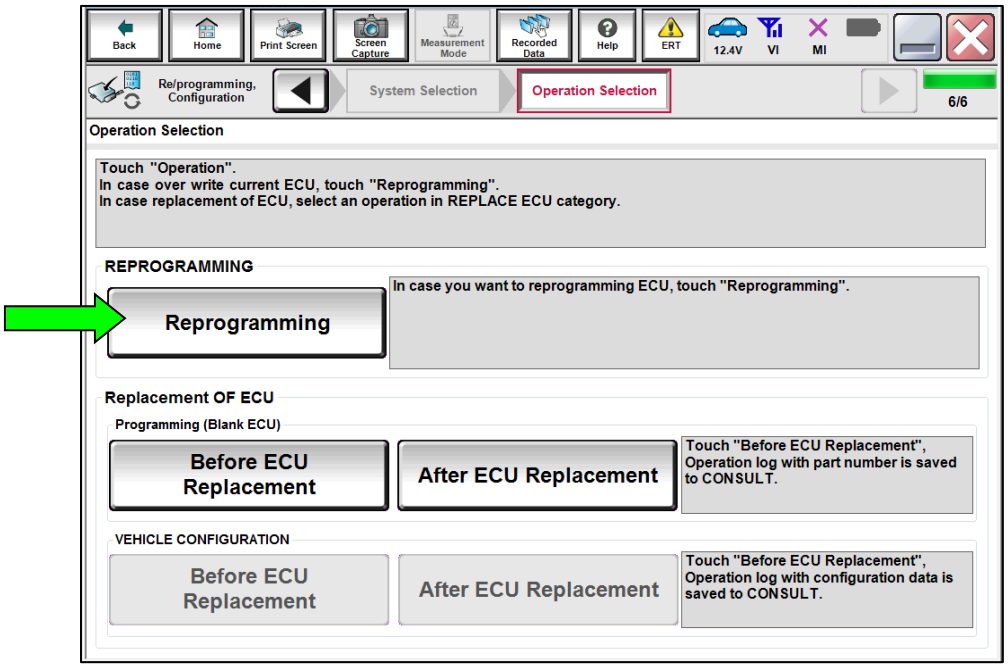


Figure 9

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

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

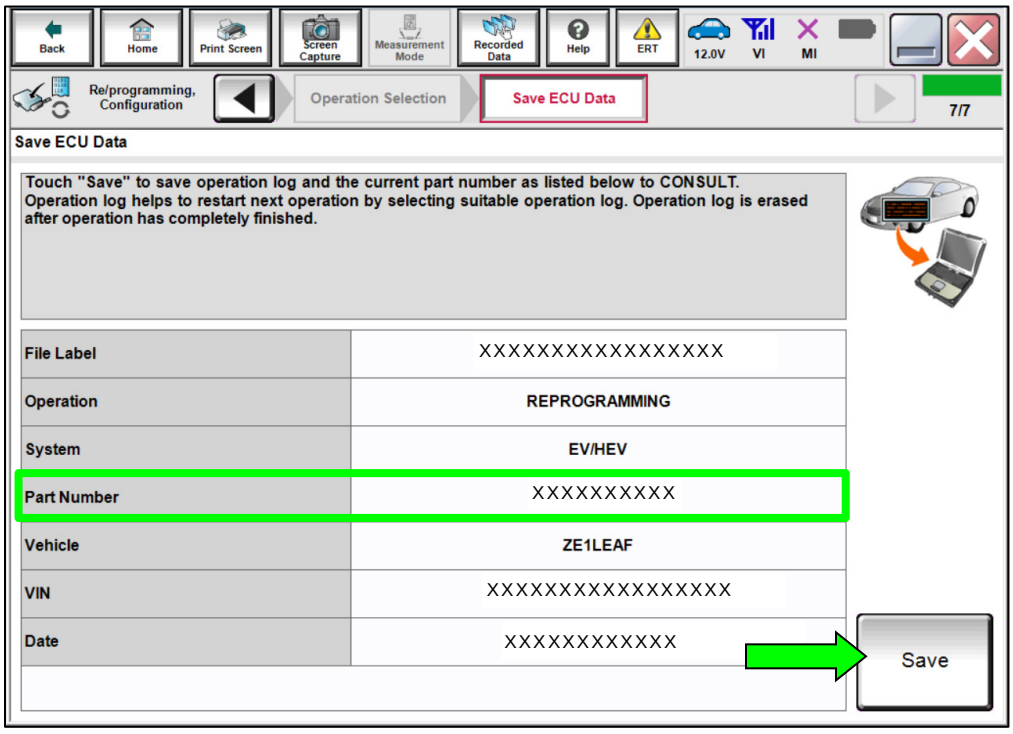


Figure 10

18. Compare the Part Number you wrote down in step 17 on page 9 to the numbers in the **Current VCM Part Number** column in **Table A** below.

    · If there is a match, proceed to step 19 on page 11 to continue the reprogramming procedure.

    · If there is not a match, reprogramming is not needed. Skip to step 28 on page 16 for HV Battery reprogramming.

Table A

MODEL YEAR	CURRENT VCM PART NUMBER: (237D0-*****)
2019-2022	5SA0B, 5SA1B, 5SA2A, 5SA2B
	5SA3A, 5SA3B, 5SA4A, 5SA4B
	5SA5A, 5SA5B, 5SA6B, 5SA7B
	5SE0A, 5SE0B, 5SE1A, 5SE1B, 5SE2A, 5SE2B
	5SG0A, 5SG0B, 5SG0C, 5SG0D
	5SG1A, 5SG1B, 5SG1C, 5SG1D
	5SG2A, 5SG2B, 5SG2C, 5SG2D
	5SG3A, 5SG3B, 5SG3C, 5SG3D
	5SG4A, 5SG4B, 5SG4C, 5SG4D
	5SG5A, 5SG5B, 5SG5C, 5SG5D
	5SG6A, 5SG6B, 5SG6C, 5SG6D
	5SG7B, 5SG8B, 5SG9B
	5SV0A, 5SV1A, 5SV1B, 5SV2A, 5SV2B, 5SV3A, 5SV3B

19. Review the precaution instructions.

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

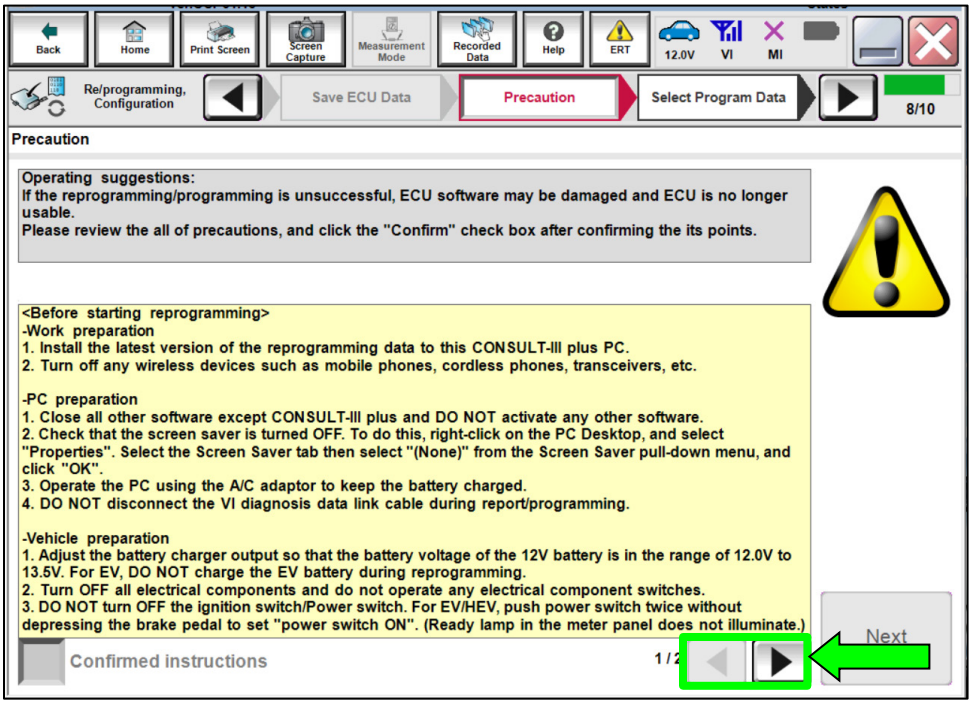


Figure 11

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

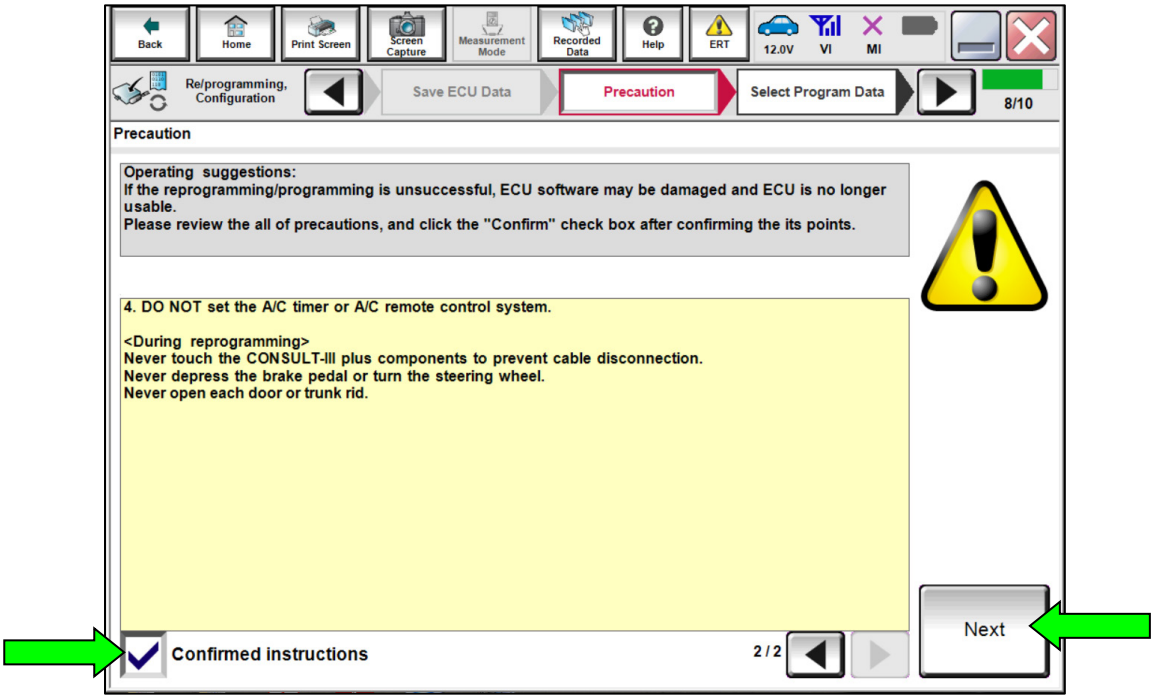


Figure 12

21. Select **Next**.

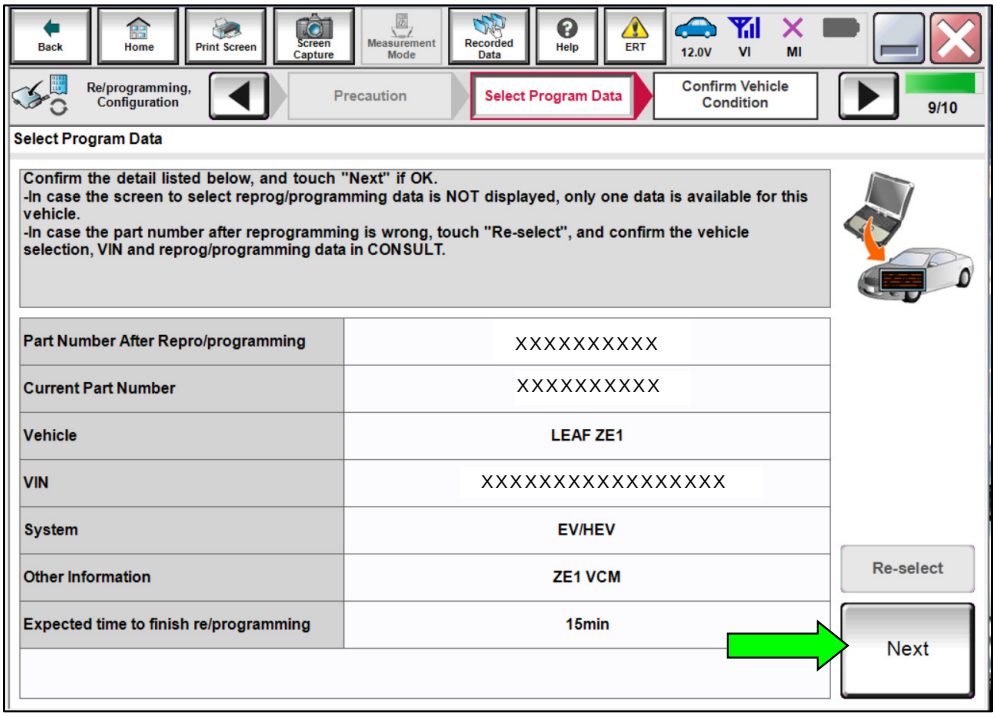


Figure 13

22. Confirm the battery voltage result is **OK**, and then select **Next**.

- If the battery voltage result is **NG**, verify the battery maintainer/smart charger is turned ON and is securely connected to the 12 V battery.

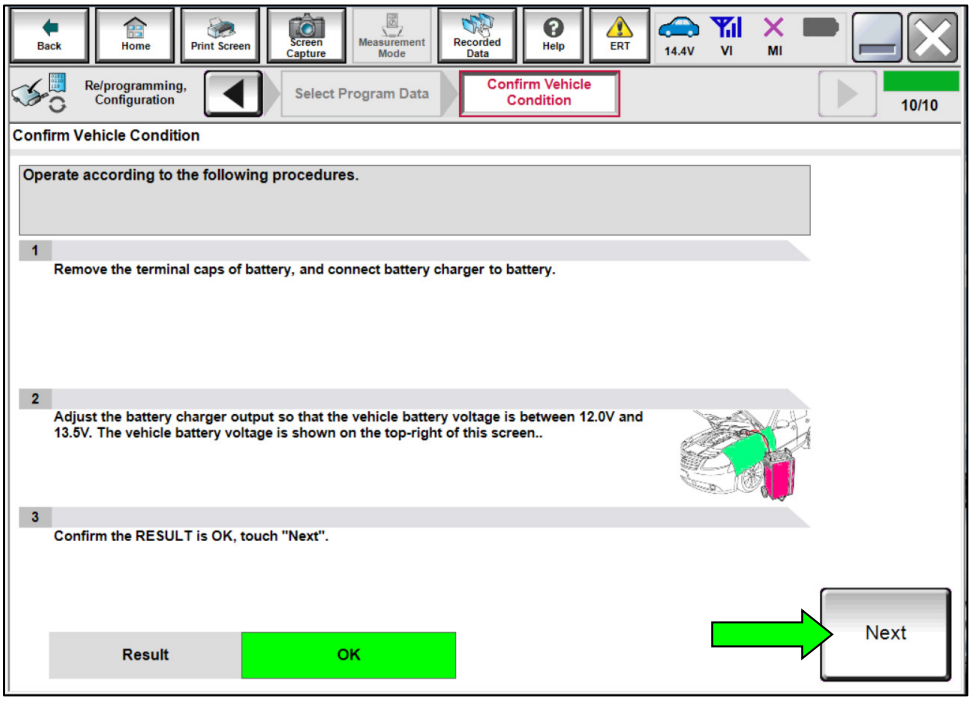


Figure 14

23. Confirm all items listed have a judgement of **OK**, and then select **Start**.

- The reprogramming process will take approximately 15 minutes.
- If any of the items shown in Figure 15 display a status of NG, verify the battery maintainer/smart charger is turned ON and is securely connected to the 12 V battery, and ensure the vehicle is NOT in Ready mode.

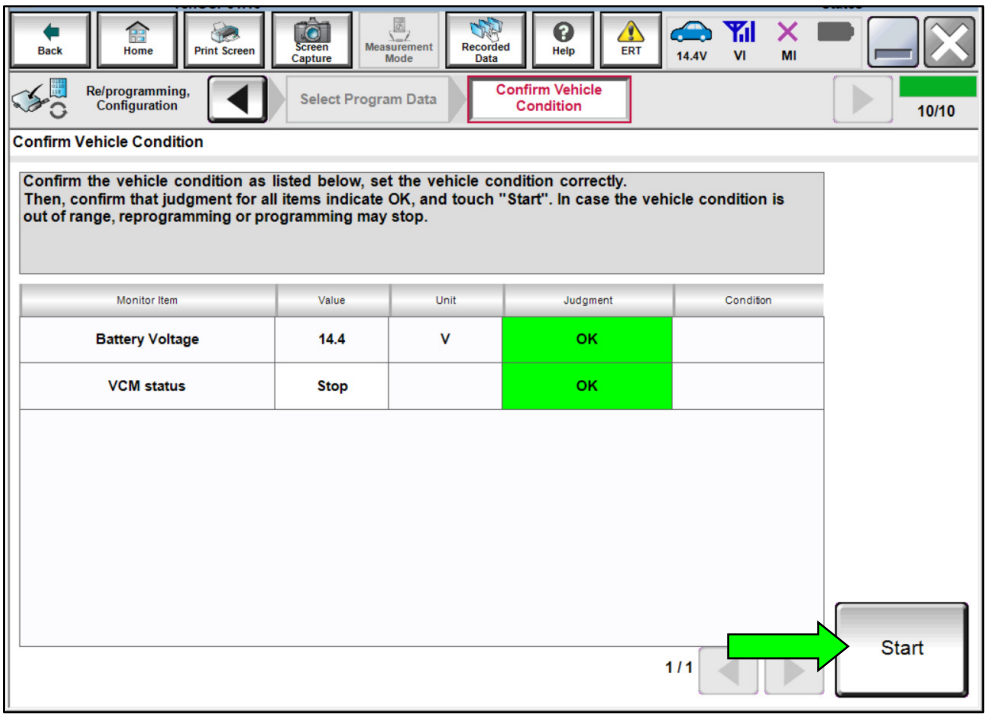


Figure 15

24. Once the screen in Figure 16 displays, the reprogramming is complete. Select **Next**.

    · If the screen in Figure 16 does NOT display, indicating that reprogramming did not complete, refer to **Reprogramming Operation is Unsuccessful (Recovery)** on page 37.

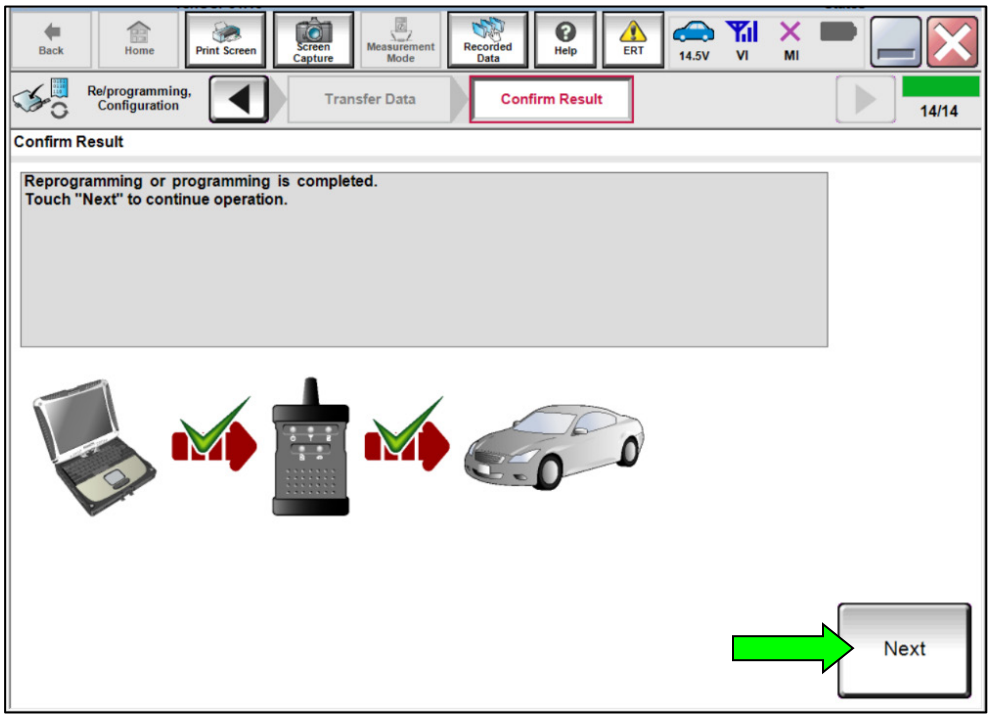


Figure 16

25. Press the power switch one (1) time to turn the EV system OFF (Figure 17), and then go to step 26 on page 15 immediately.

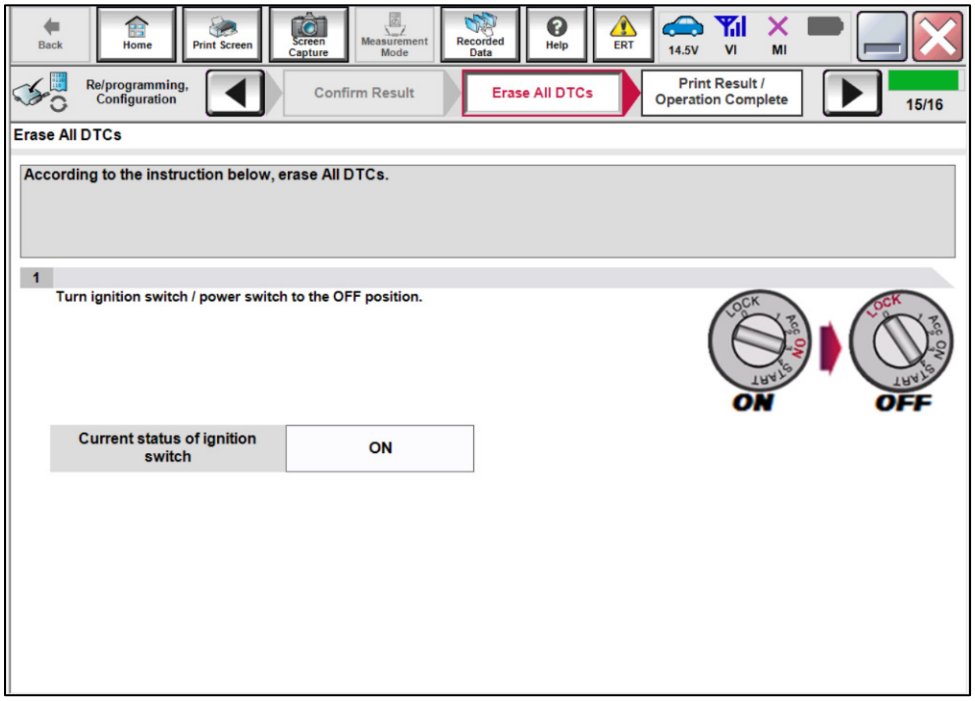


Figure 17

26. Press the power switch two (2) times to turn the EV system back ON (Figure 18).

- C-III plus will automatically proceed to **Erasing DTCs**.
- If the current status of the ignition switch displayed on the screen differs from the status of the actual vehicle ignition switch, select **Next** to go to the next screen.

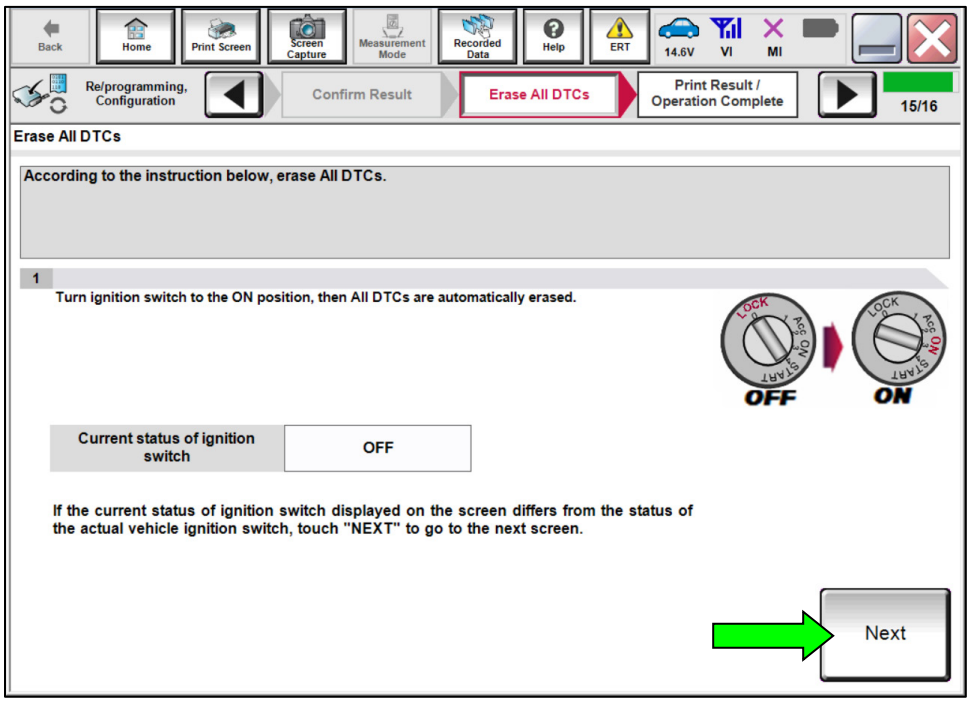


Figure 18

27. Select **Print** and attach the reprogramming result to the repair order, and then select **Other Operation**.

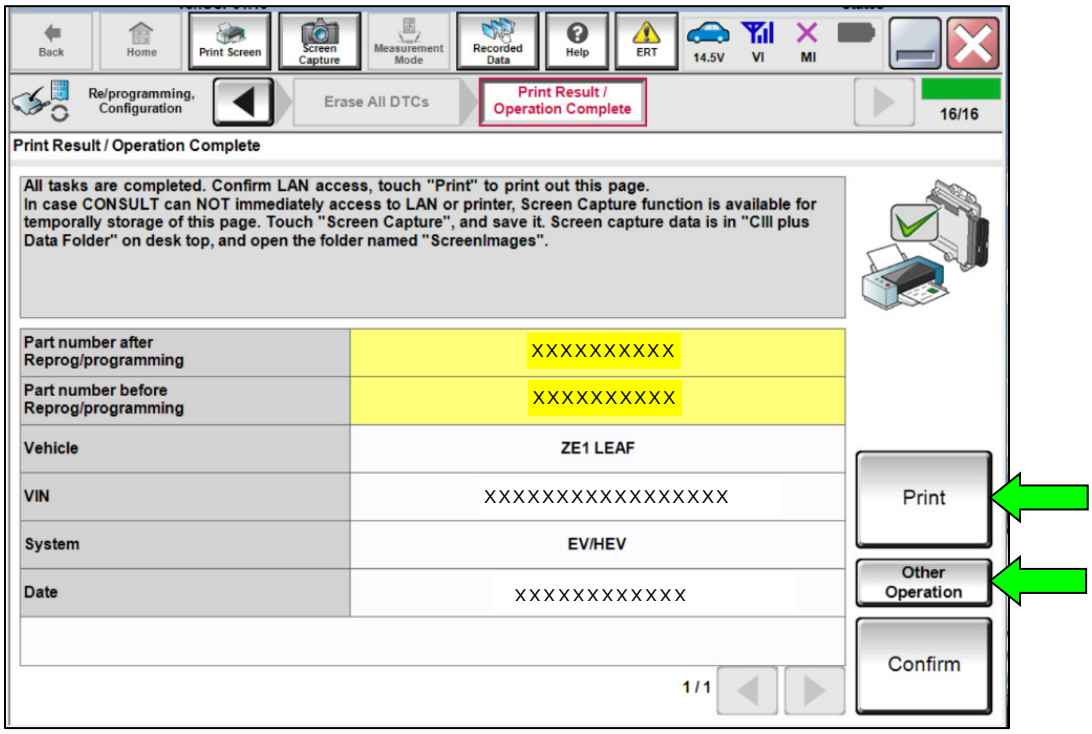


Figure 19

28. Use the arrows (if needed) to locate and select **HV BATTERY**.

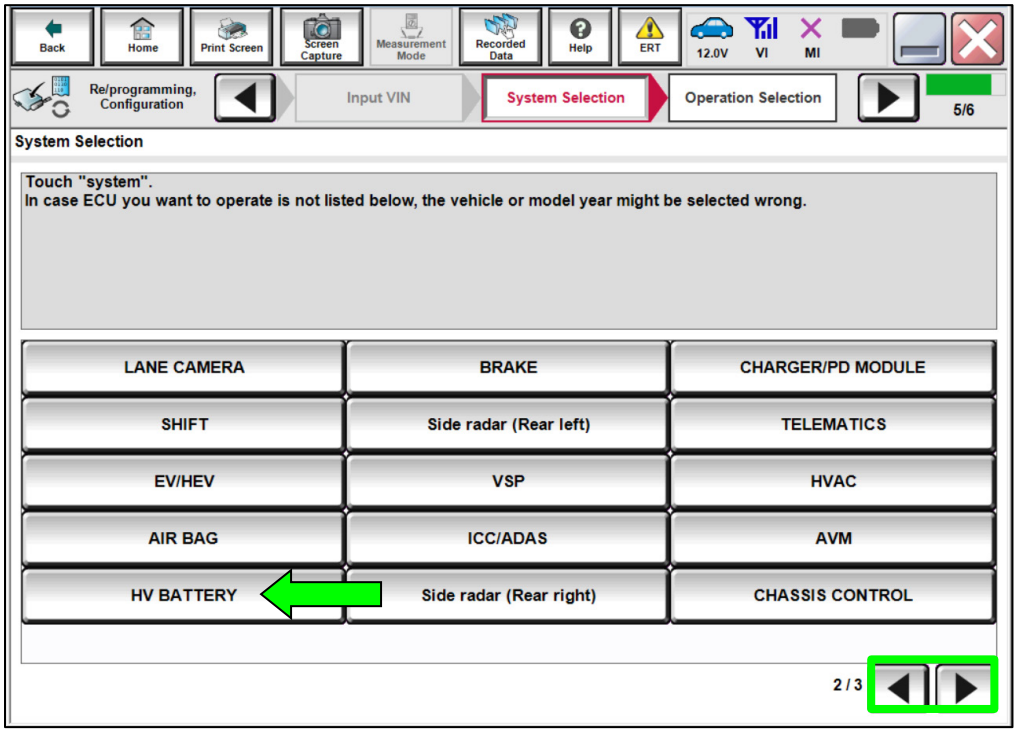


Figure 20

29. Select **Reprogramming**.

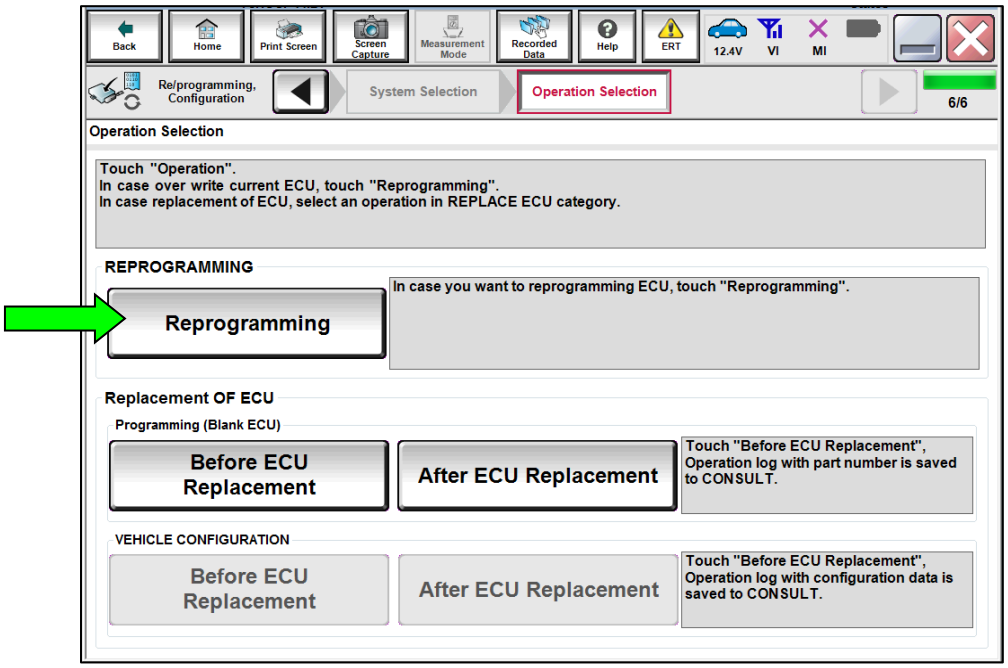


Figure 21

30. Locate the HV Battery **Part Number** and write it on the repair order.

- This is the current HV Battery Part Number (P/N).

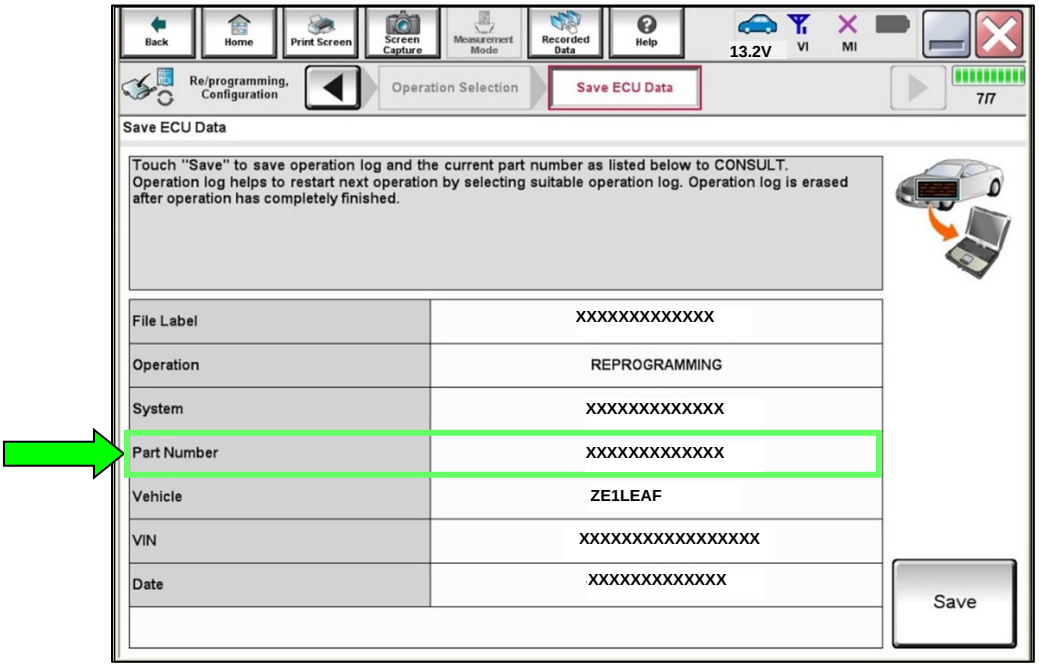


Figure 22

31. Compare the P/N you wrote down in step 30 on page 17 to the **CURRENT HV BATTERY PART NUMBER** in **Table B**.

- If it matches one of the part numbers in **Table B**, continue to step 32.
- If it does not match one of the part numbers in **Table B**, reprogramming is not necessary. Skip to step 42 on page 23 to reprogram HV Battery 2.

Table B

MODEL	CURRENT HV BATTERY PART NUMBER: 293A0 -
2019-2022 LEAF	5SA2A, 5SA2B, 5SA2C, 5SA2D, 5SA3A, 5SA3B, 5SA3C, 5SA3D, 5SF0A, 5SF0B, 5SF0C

32. Select **Save**.

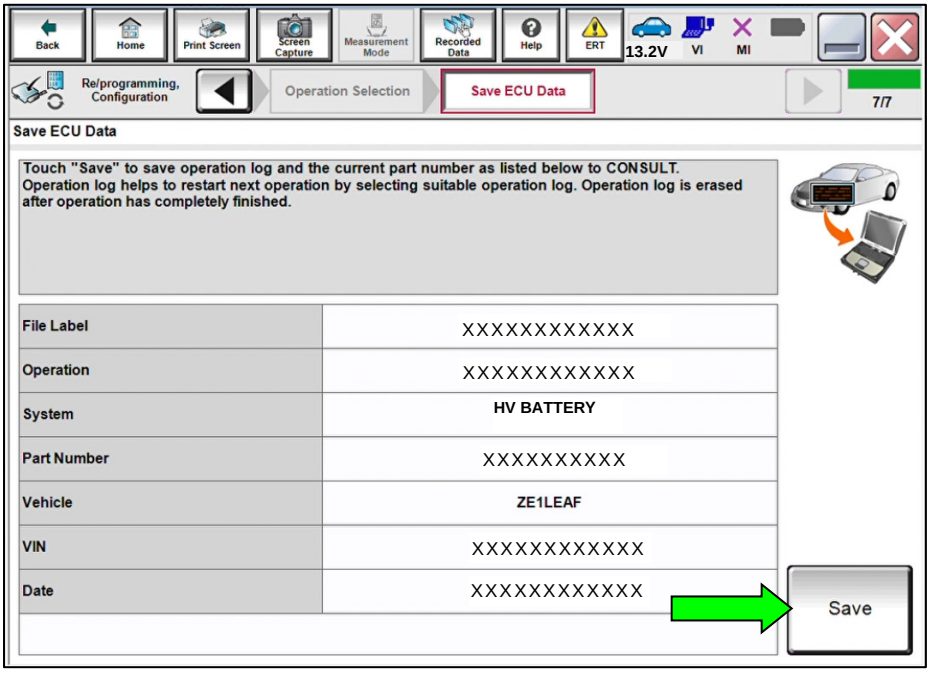


Figure 23

33. Review and read the precaution instructions.

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

34. Check the box confirming the precautions have been read, and then select **Next**

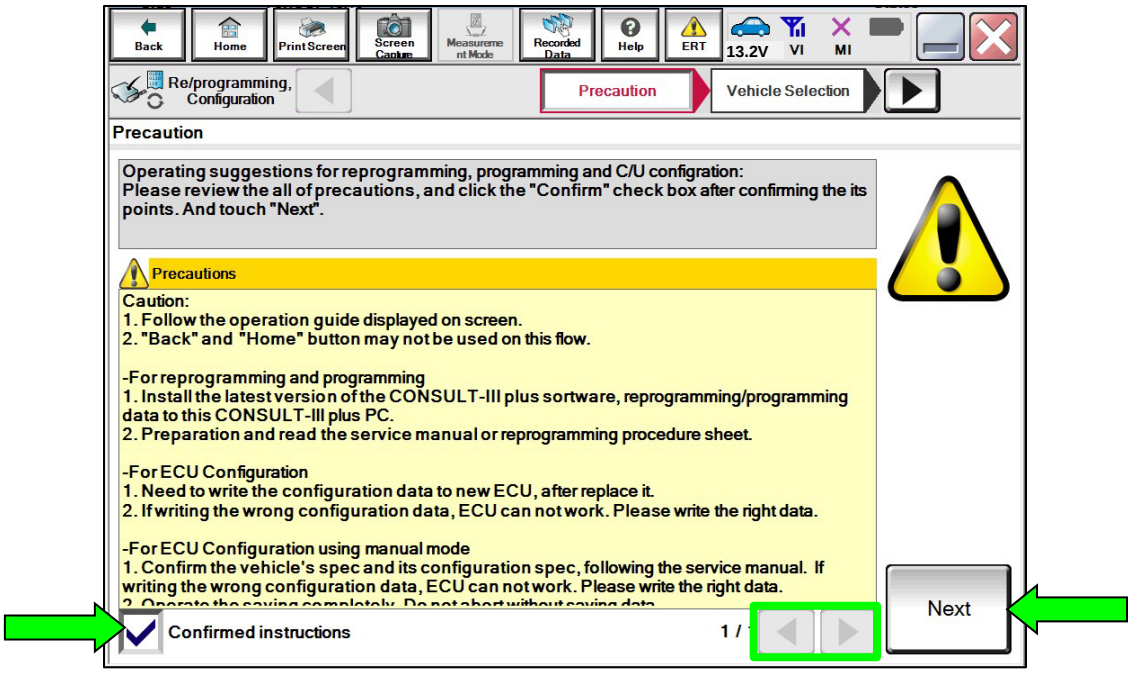


Figure 24

35. Select **Next** again.

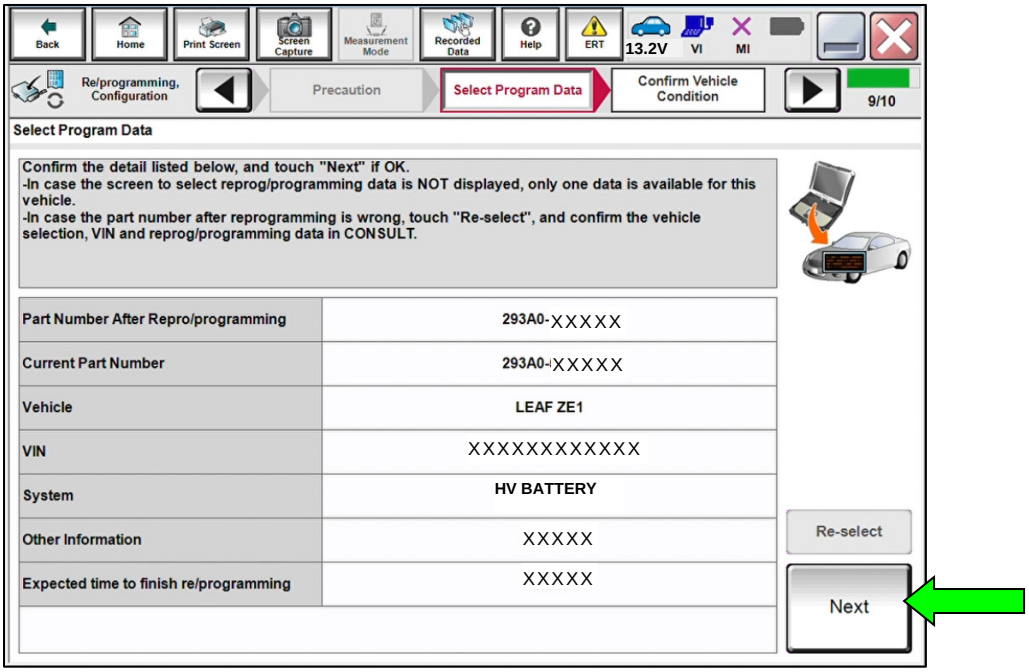


Figure 25

36. Confirm the battery voltage Result is “OK”, and then select **Next**.

HINT: If the battery voltage result in Figure 26 shows “NG”, verify the battery charger cables are connected properly at the battery and the charger is turned ON.

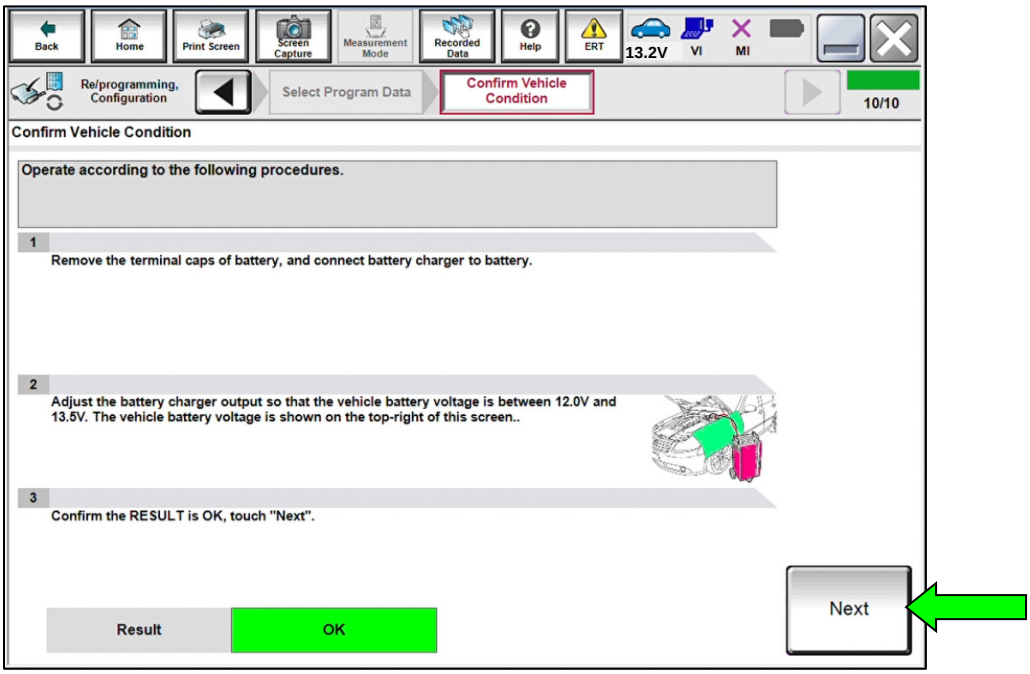


Figure 26

37. Confirm all Items listed have a judgement of “OK”, and then select **Start**.

· The reprogramming process will take approximately 10 minutes.

HINT: If any of the items shown in Figure 27 have a status of “NG”, verify the battery charger/maintainer is connected correctly and the vehicle is NOT in Ready mode.

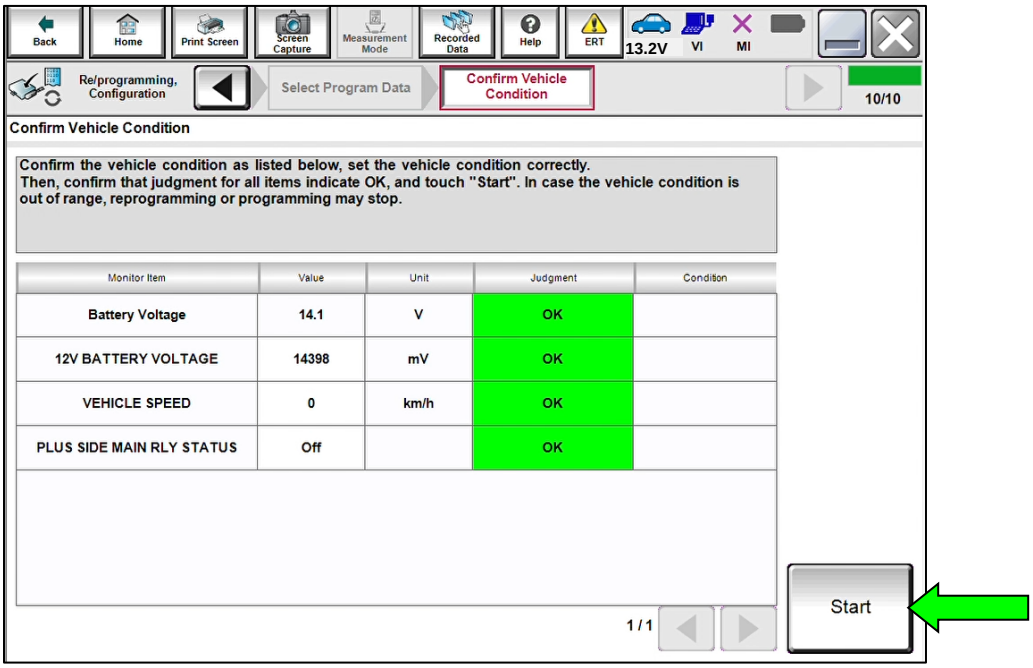


Figure 27

38. Once the screen in Figure 28 displays, the reprogramming is complete. Select **Next**.

HINT: When the screen in Figure 28 displays, HV Battery reprogramming is complete. If the screen in Figure 28 does not display (indicating that reprogramming did not complete), refer to the information on page 37.

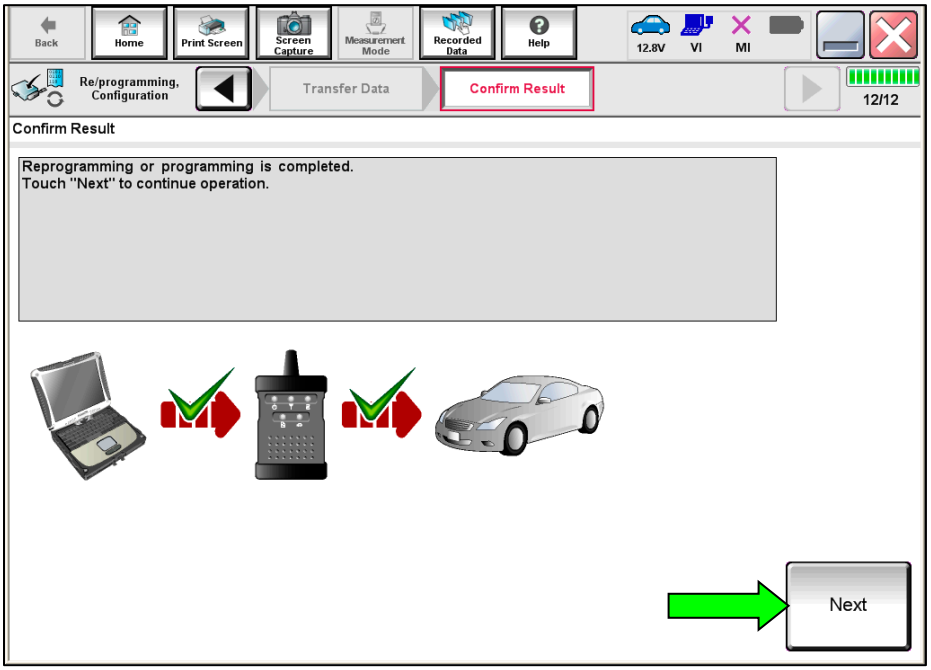


Figure 28

39. Press the power switch one (1) time to turn OFF the EV system and immediately press the power switch two (2) times to turn the EV system ON (Not Ready mode).

· C-III plus will automatically proceed to erasing DTCs.

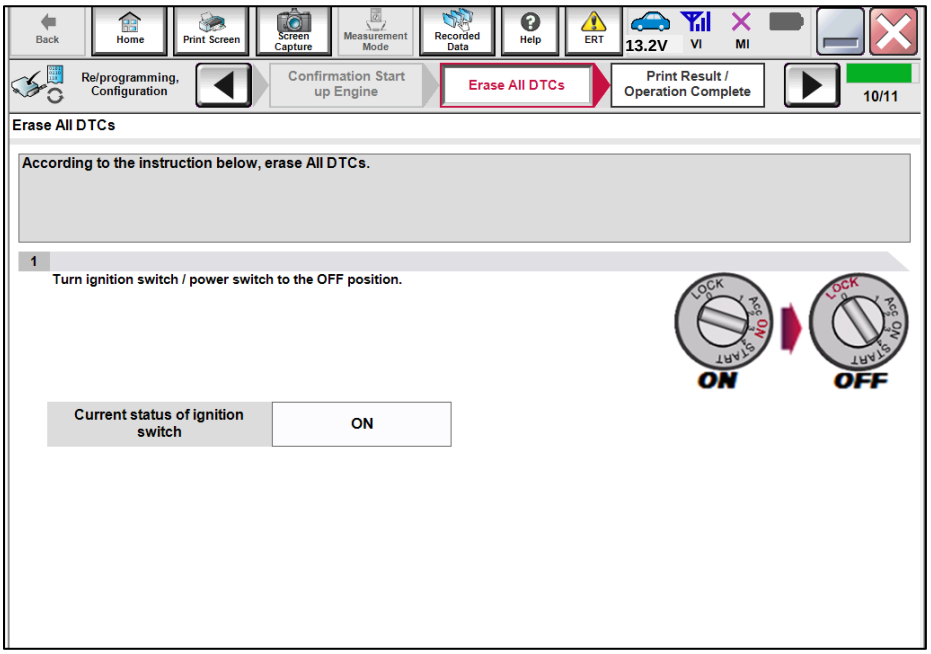


Figure 29

40. Select **Print** and attach the reprogramming result to the repair order, and then select **Other Operation**.

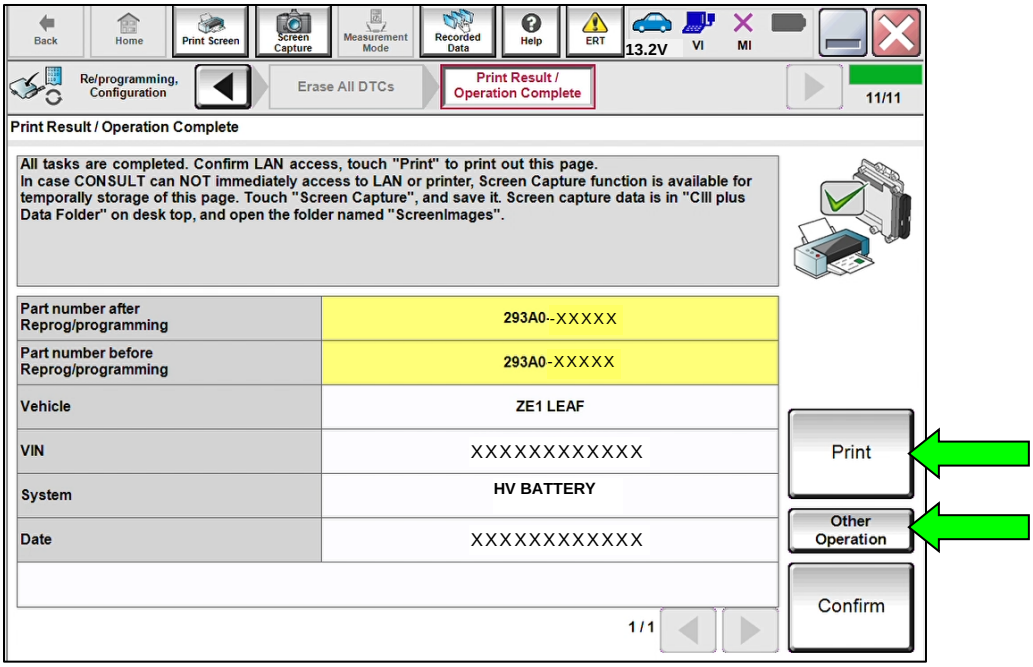


Figure 30

41. Select **End**.

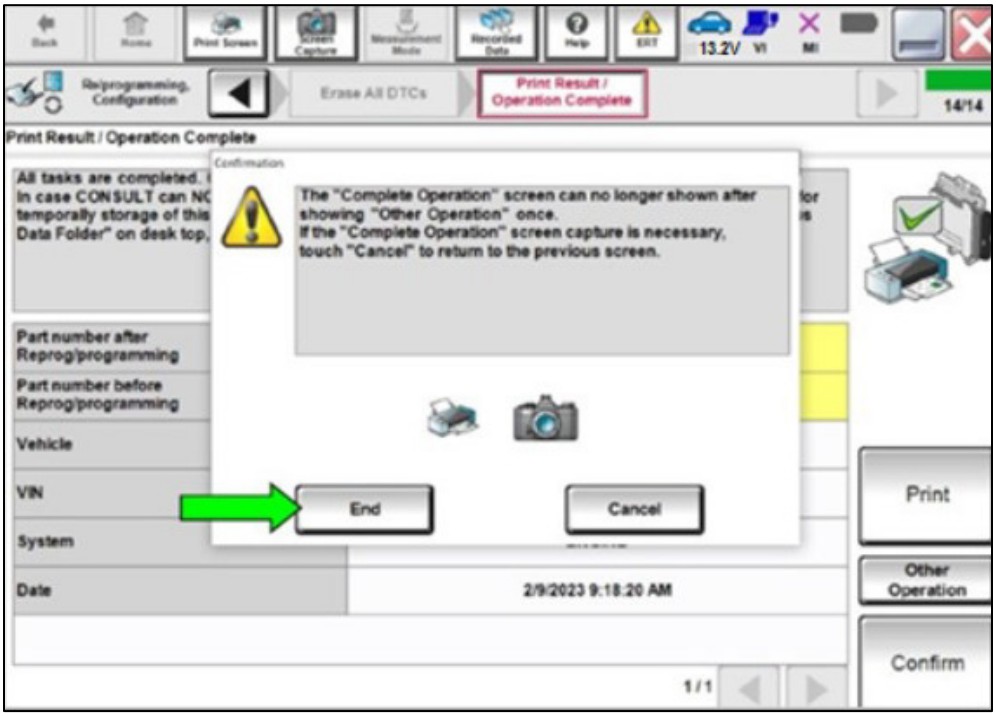


Figure 31

42. Use the arrows (if needed) to locate and select **HV BATTERY 2**.

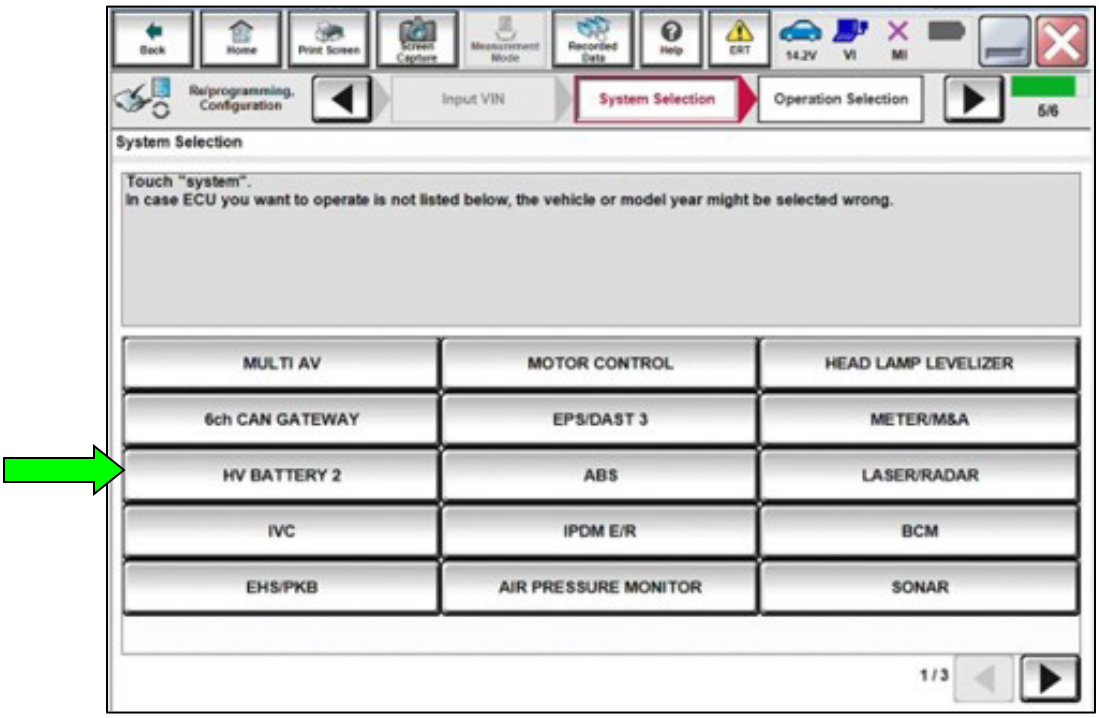


Figure 32

43. Select **Reprogramming**.

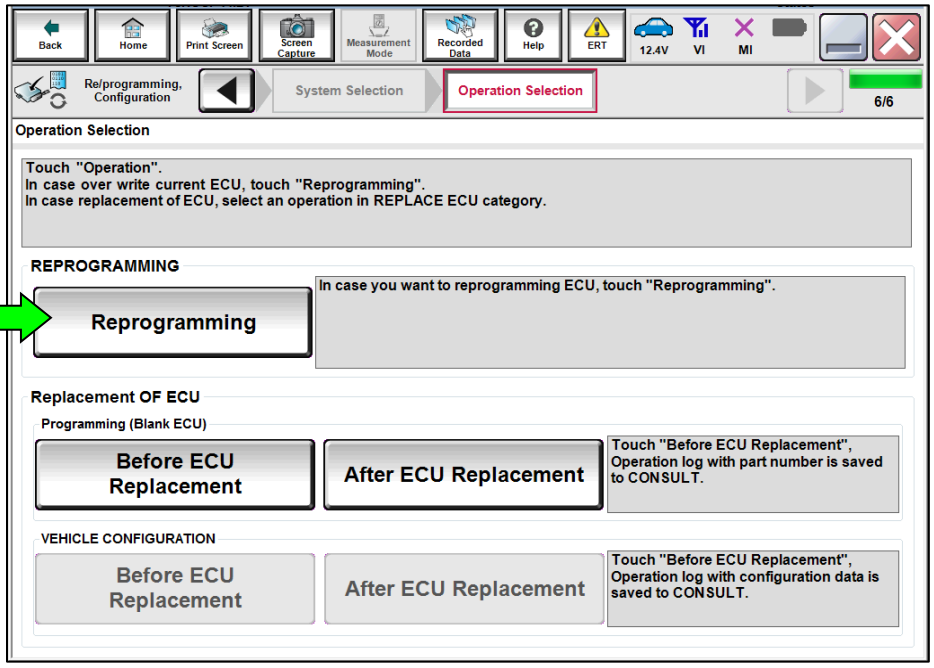


Figure 33

44. Locate the HV Battery 2 **Part Number** and write it on the repair order.

- This is the current HV Battery 2 Part Number (P/N).

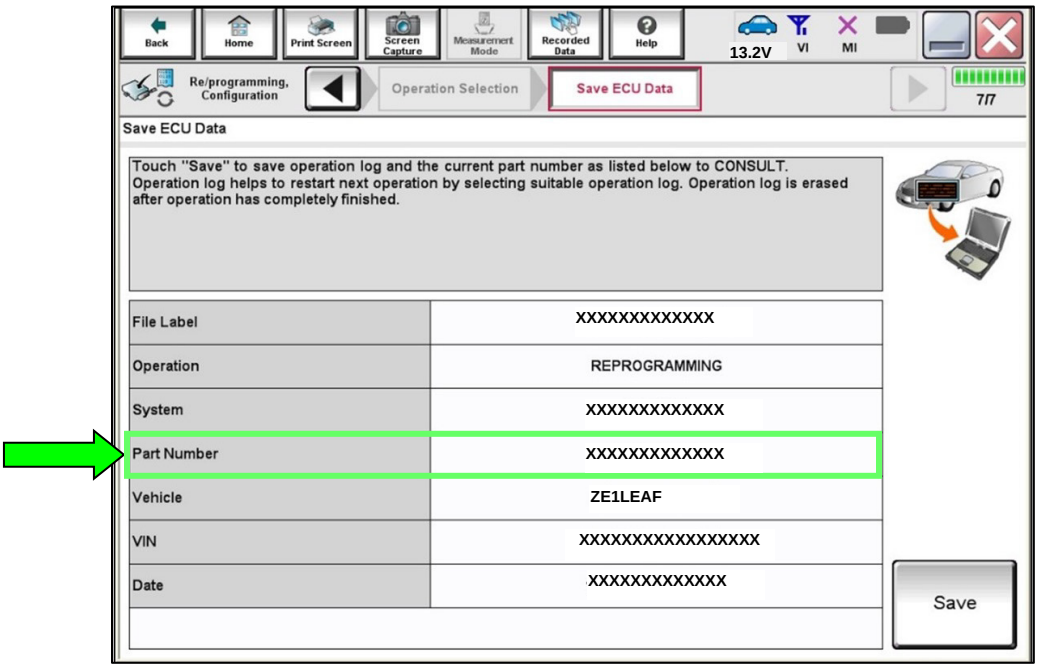


Figure 34

45. Compare the P/N you wrote down in step 44 to the **CURRENT HV BATTERY 2 PART NUMBER** in **Table C**.

- If it matches one of the part numbers in **Table C**, continue to step 46 on page 25.
- If it does not match one of the part numbers in **Table C**, reprogramming is not necessary. Skip to step 55 on page 29.

Table C

MODEL	CURRENT HV BATTERY 2 PART NUMBER: 293A0 -
2019-2022 LEAF	5SA2A, 5SA2B, 5SA2C, 5SA2D, 5SA3A, 5SA3B, 5SA3C, 5SA3D, 5SF0A, 5SF0B, 5SF0C

46. Select **Save**.

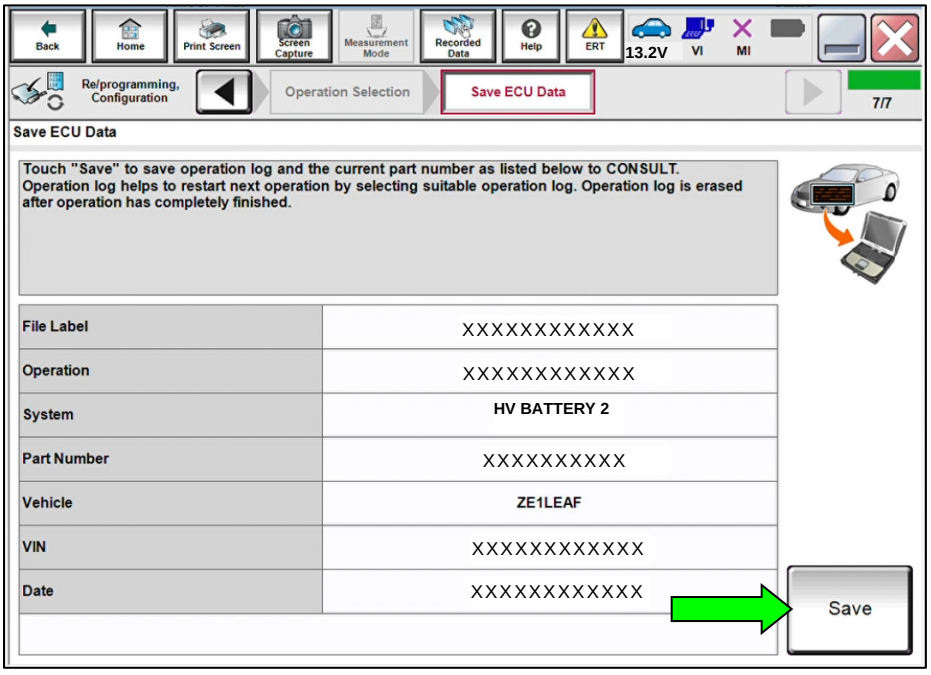


Figure 35

47. Review and read the precaution instructions.

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

48. Check the box confirming the precautions have been read, and then select **Next**

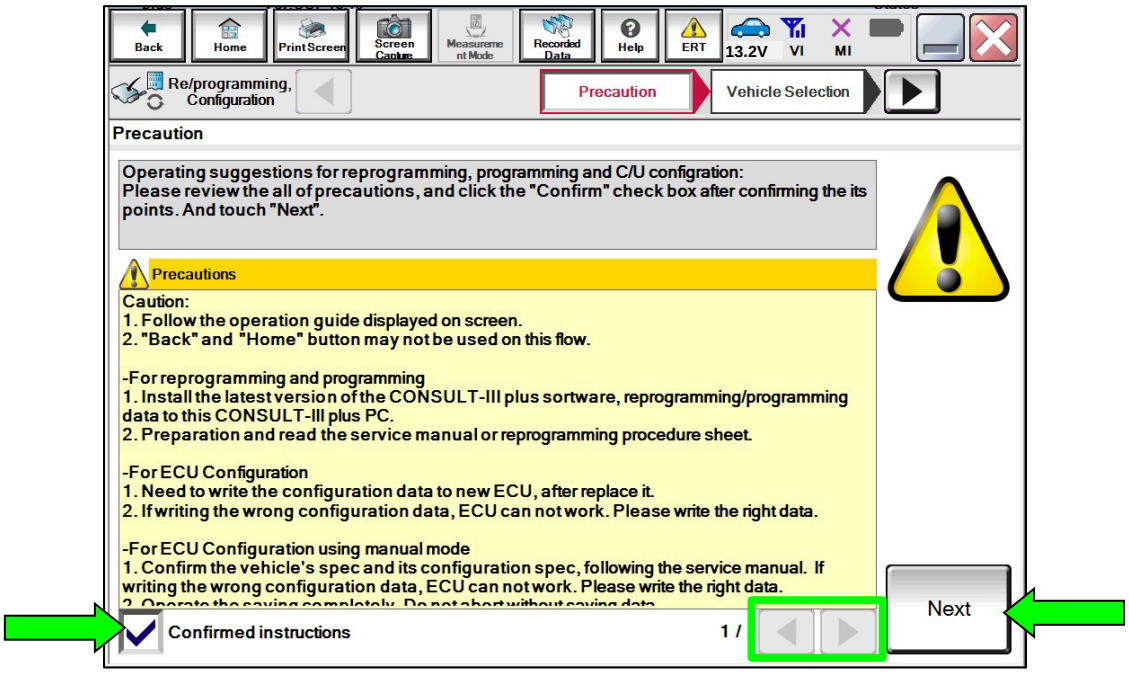


Figure 36

49. Select **Next** again.

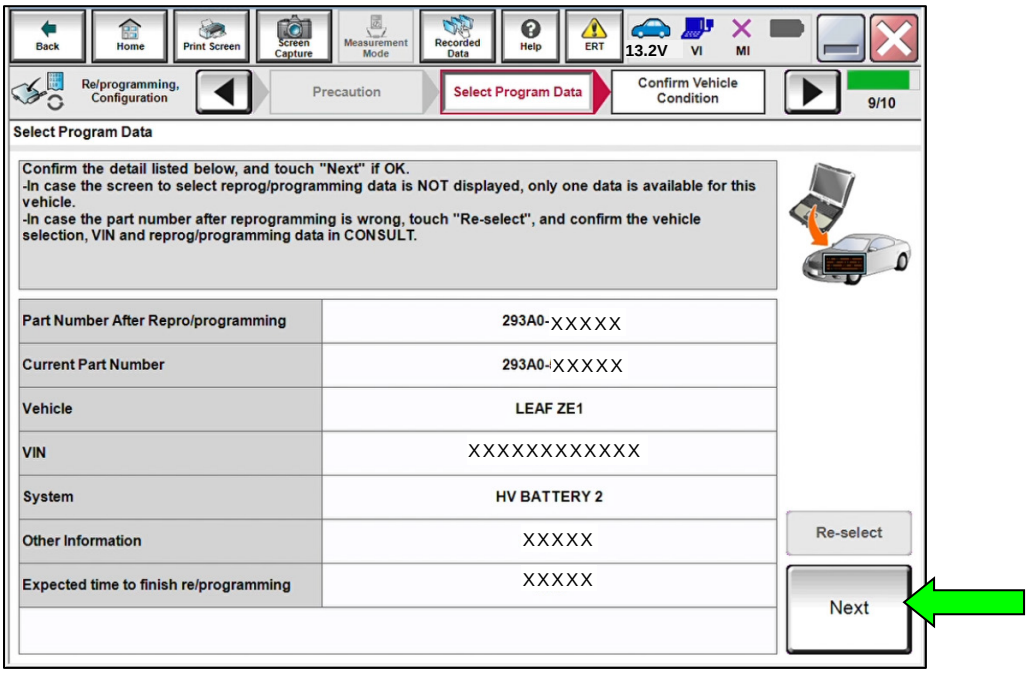


Figure 37

50. Confirm the battery voltage Result is “OK”, and then select **Next**.

HINT: If the battery voltage result in Figure 38 shows “NG”, verify the battery charger cables are connected properly at the battery and the charger is turned ON.

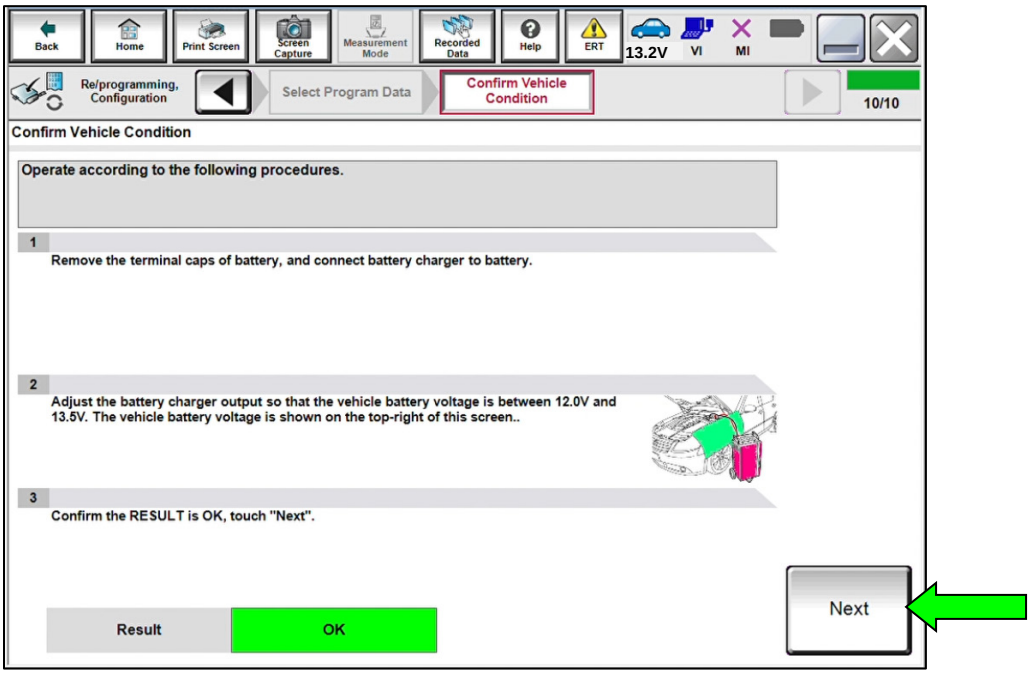


Figure 38

51. Confirm all Items listed have a judgement of “OK”, and then select **Start**.

- The reprogramming process will take approximately 10 minutes.

HINT: If any of the items shown in Figure 39 have a status of “NG”, verify the battery charger/maintainer is connected correctly and the vehicle is NOT in Ready mode.

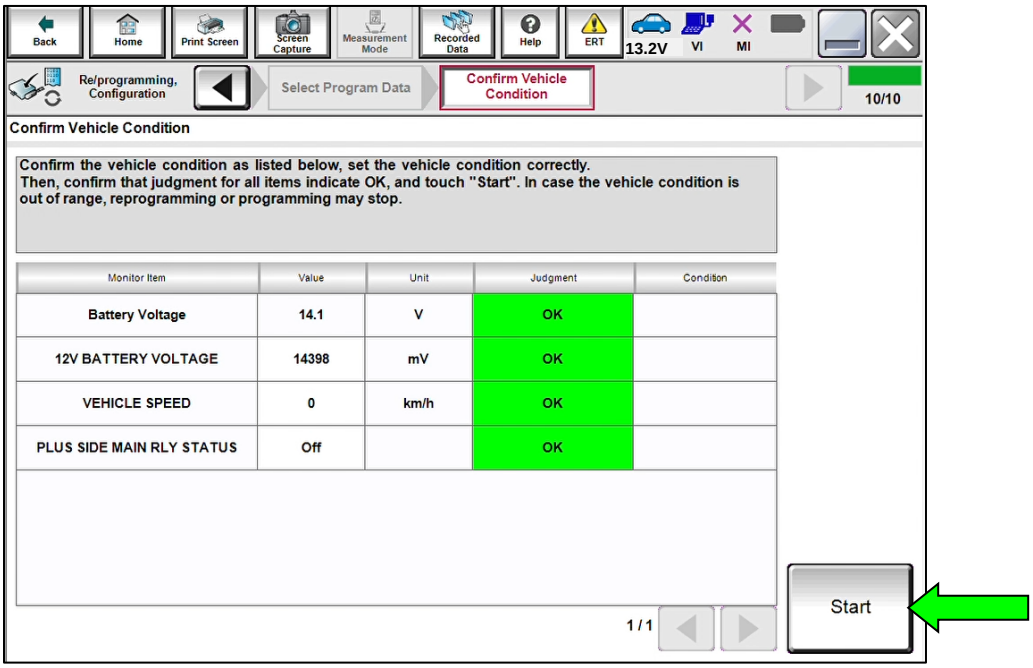


Figure 39

52. Once the screen in Figure 40 displays, the reprogramming is complete. Select **Next**.

HINT: When the screen in Figure 40 displays, HV Battery reprogramming is complete. If the screen in Figure 40 does <u>not</u> display (indicating that reprogramming did <u>not</u> complete), refer to the information on page 37.

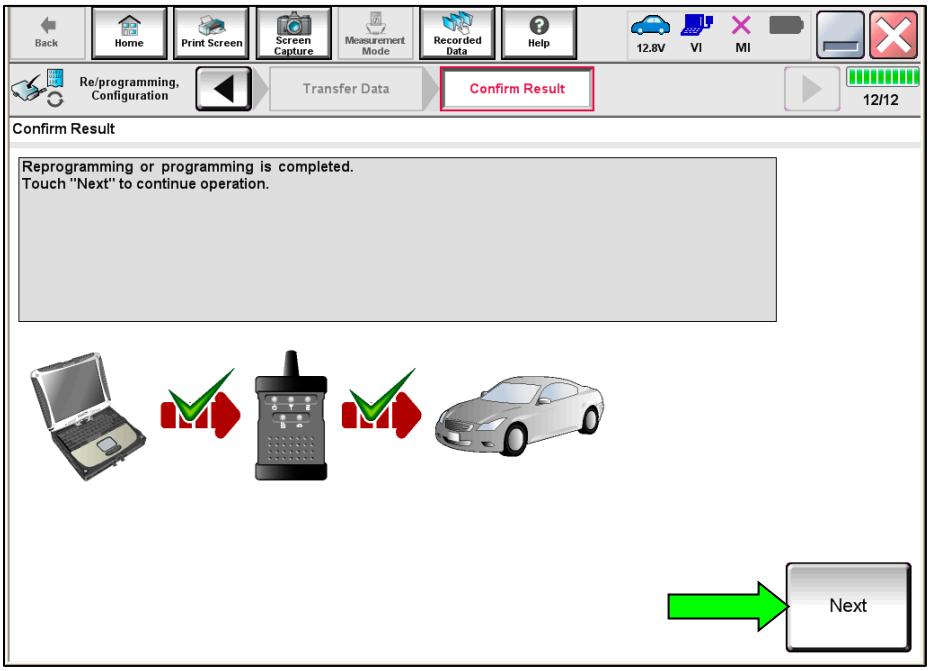


Figure 40

53. Press the power switch one (1) time to turn OFF the EV system and immediately press the power switch two (2) times to turn the EV system ON (Not Ready mode).

- C-III plus will automatically proceed to erasing DTCs.

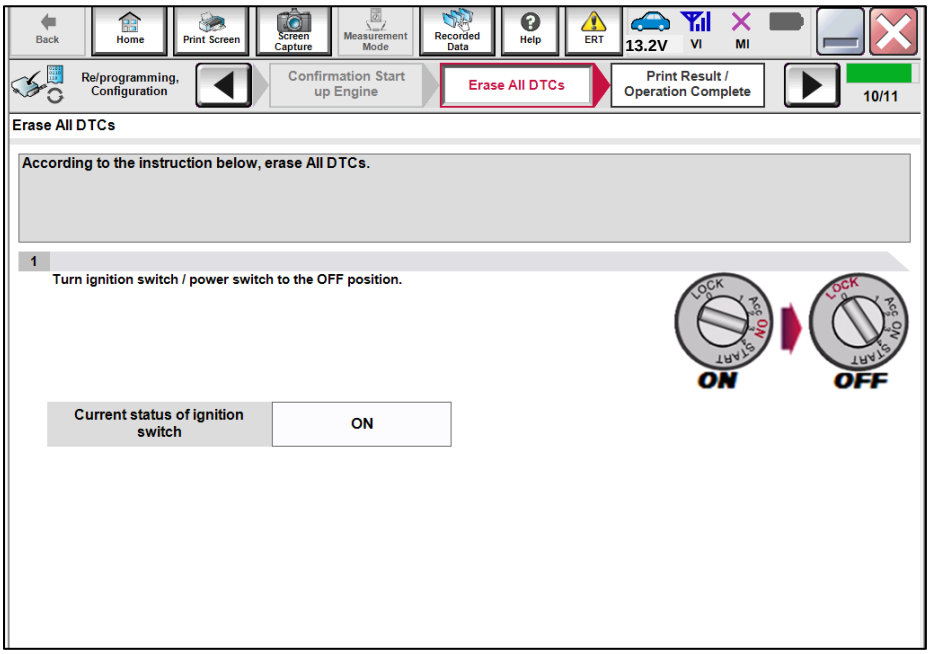


Figure 41

54. Select **Print** and attach the reprogramming result to the repair order, and then select **Confirm** to return to the Home screen.

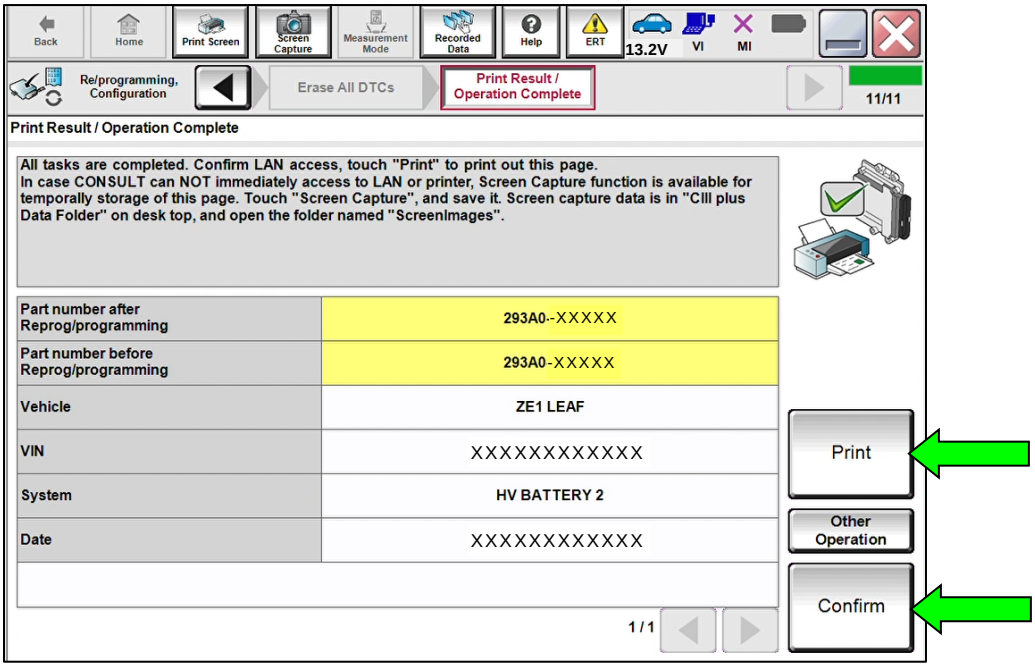


Figure 42

55. Press the power switch one (1) time to turn the EV system OFF.

56. Turn the battery charger/maintainer OFF and disconnect it from the 12 V battery.

IMPORTANT: The vehicle must remain OFF for a minimum of two (2) minutes before starting step 57.

57. Select **Diagnosis (All Systems)** and navigate to All Systems call screen.

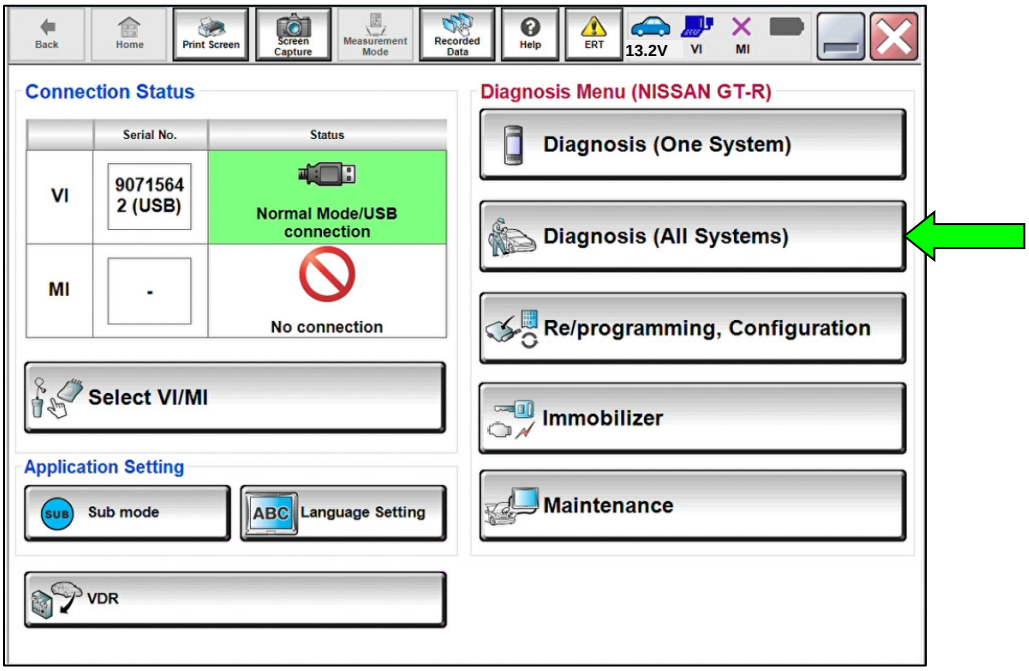


Figure 43

58. Erase all DTCs.

- Verify all DTCs erase normally.

HINT: If DTC P3180 is stored and will not erase, turn the vehicle OFF and disconnect the 12 V battery for ten (10) minutes, reconnect the 12 V battery and recheck for DTCs.

59. Locate and select **HV Battery**.

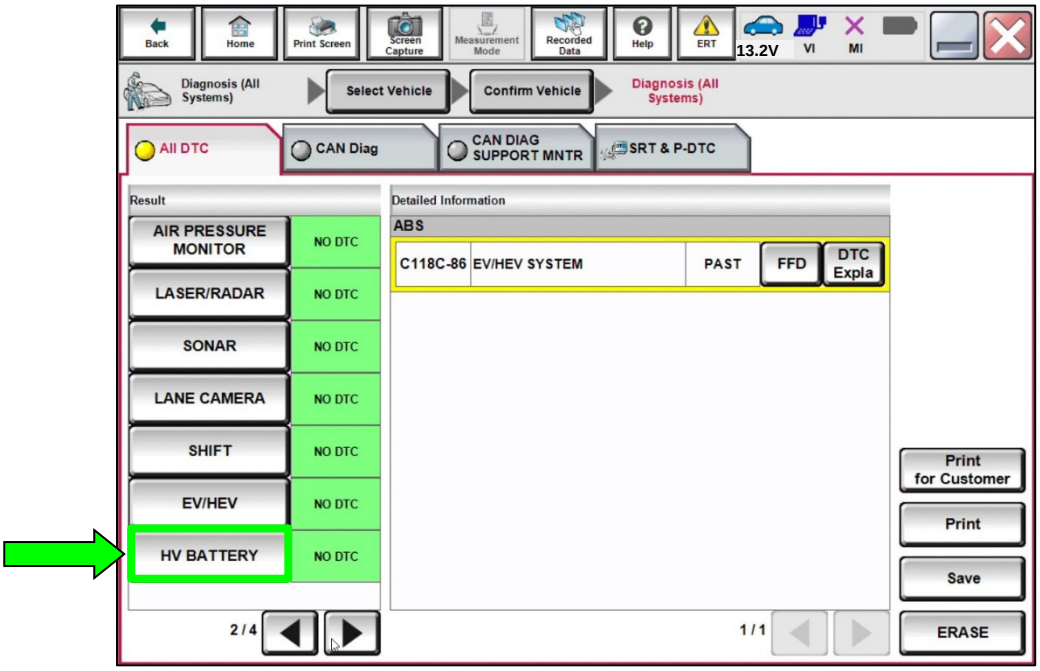


Figure 44

60. Select **Data Monitor**.

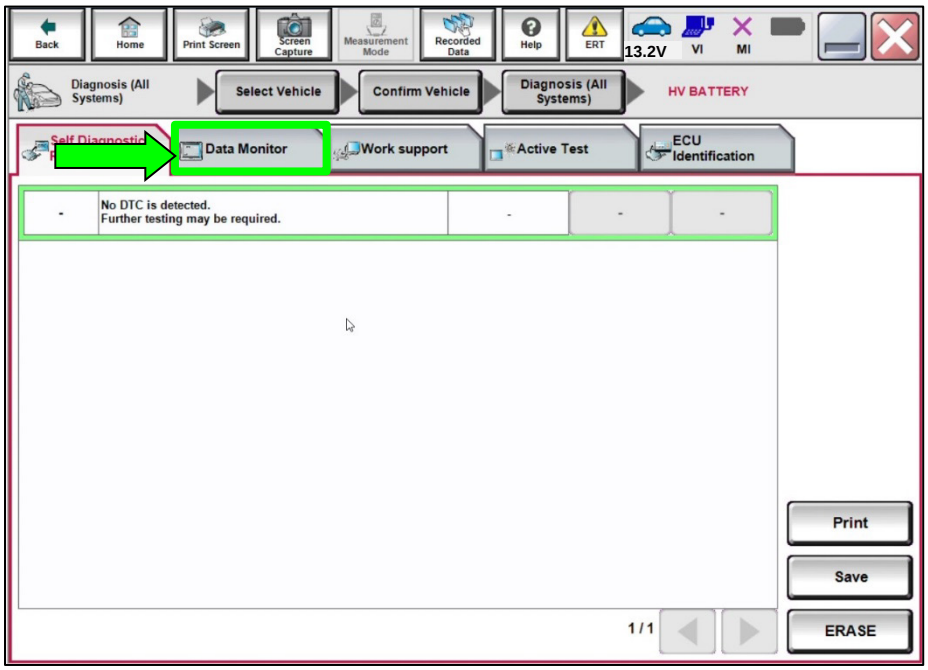


Figure 45

61. Locate and select ALL available battery temperature sensors and select **START**.

HINT: Depending on the model year and battery, C-III plus may have three (3) or four (4) temperature sensors available in Data Monitor.

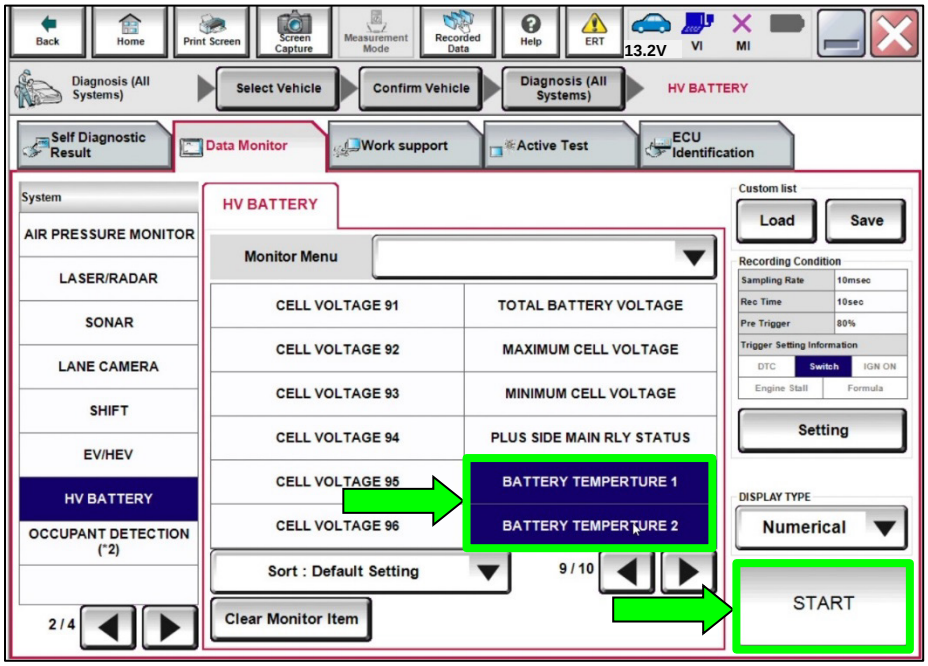


Figure 46

62. Are the HV Battery Temperatures at or above ~20°C (68°F)?

YES: Continue to step 63 on page 32.

NO: If the HV Battery Temperature is below 20°C (68°F), refer to **Tips for cold climate areas** on page 3 to bring the HV Battery Temperature to 20°C (68°F) or above.

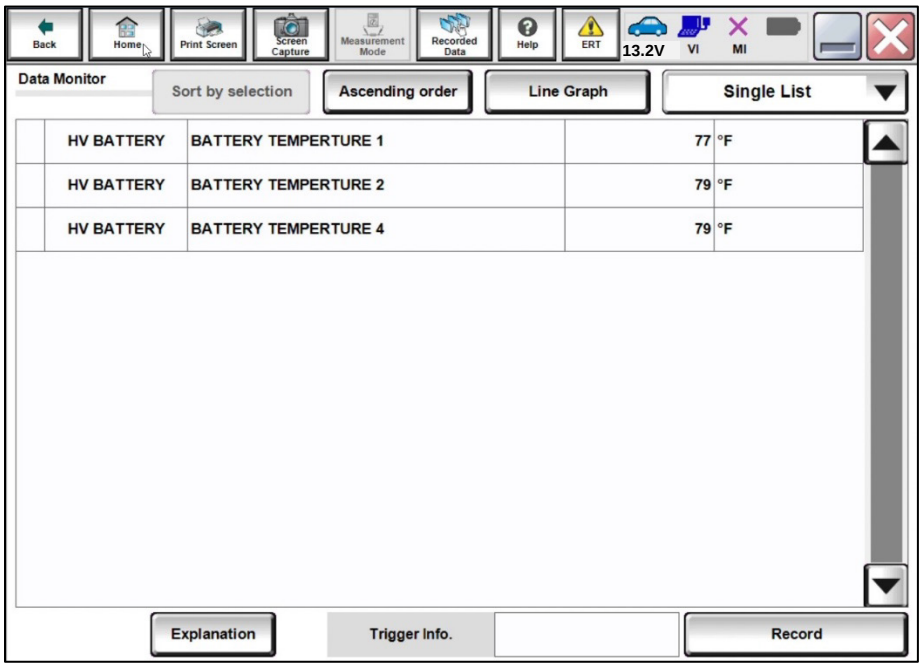


Figure 47

63. Capture a screen shot of the Data Monitor screen and attach it to the repair order.

64. Press the power switch one (1) time to turn the EV system OFF for a minimum of 10 minutes.

65. Close C-III plus.

66. Disconnect the VI3 from the DLC.

Drive Pattern

WARNING

To avoid the risk of serious personal injury, follow all applicable traffic laws when performing test drive. Failure to do so could result in injury or death.

IMPORTANT:

- Be sure to review and understand the drive pattern before beginning.
- If one of the warning messages shown in Figure 48 and Figure 49 sets during the drive pattern, return to the dealership without turning the vehicle OFF.
  - Do NOT turn the vehicle OFF until the vehicle has been returned to the dealership as the vehicle may not restart (Enter Ready mode) until DTCs are checked/erased. Skip to step 68 on page 34.

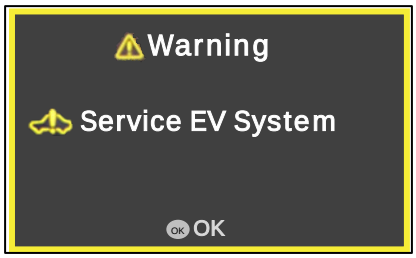


Figure 48

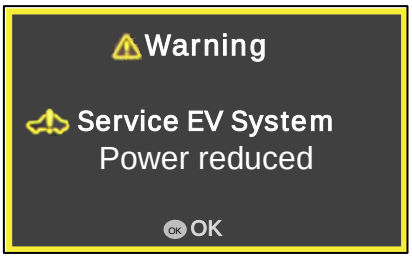


Figure 49

67. Perform the below drive pattern while following all applicable traffic laws.

    a. Set the vehicle to Ready mode.

    b. Turn the e-Pedal ON.

    c. Shift to “B” mode (shift to “D” two times).

    d. Accelerate by slowly increasing throttle from 0-80%.

        - Must be a minimum of 40 MPH (65 KPH) (Highway speeds are recommended).

    e. Slow the vehicle down by 10 MPH (16 KPH) by slightly releasing the accelerator pedal (Example: Slow down from 50-40 MPH).

    f. Repeat steps “d” and “e” as many times as possible for a minimum of three minutes.

    g. When safe to do so, stop the vehicle, place into Park position and press the power switch one (1) time to turn the EV system OFF.

    h. Leave the vehicle OFF for a minimum of 2 minutes.

    i. Repeat steps “d” and “e” as many times as possible for a minimum of 10 minutes.

68. Reconnect the VI3 to the data link connector (DLC).

69. Open C-III plus and select **Diagnosis (All Systems)** from the C-III plus Home screen.

70. Navigate to the All Systems call screen to check for stored DTCs.
    - If DTC P33ED is **NOT** stored in HV Battery, complete steps 72-75 on page 36.
    - If DTC P33ED is stored in HV Battery (Current or Past), HV battery replacement is required. Complete steps 71-74 on pages 34-36, and then complete the WCC Preauthorization form.

71. **Warranty related information when replacing HV Battery:**

    a. Record a short, continuous video that includes the following:

        o C-III plus screen shot clearly showing the DTC P33ED.

        o The Vehicle Identification Number (VIN) on the Federal Motor Vehicle Safety Standards (FMVSS) Certification Label.

        o Ensure the continuous video has a clear image of the VIN on the FMVSS Label.

    b. Take clear pictures of the following:

        o One (1) picture of the C-III plus screen shot clearly showing the DTC P33ED and the VIN at the top of the screen.

c. Complete the Warranty Contact Center Preauthorization Form in ASIST.

o Fill in the fields on the Warranty Contact Center Forms. Refer to Figure 50 and Figure 51.

Figure 50

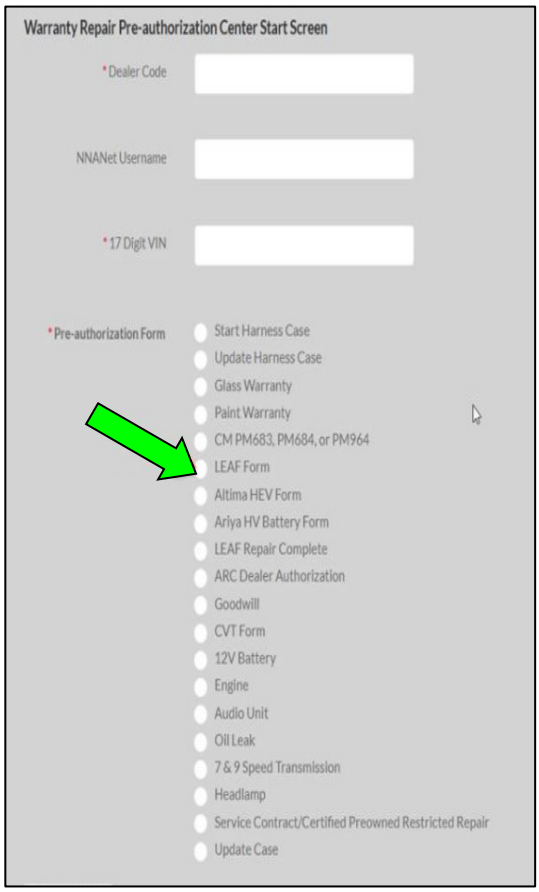


Figure 51

o While completing the LEAF form:

Ø Select “Campaign” coverage type.

Ø Select “Campaign” diagnosis.

Ø Enter the Campaign number.

o Attach the video and pictures to the Warranty Contact Center Forms.

Ø After submitting the Pre-authorization Warranty Contact Center Forms with the required video and photos (page 34), the Warranty Contact Center will respond via email with a decision regarding replacement of the HV Battery.

72. Close C-III plus.

73. Press the power switch one (1) time to turn the EV system OFF.

74. Disconnect the VI3 from the DLC.

75. Fully charge the HV battery before returning the vehicle to the customer.

Reprogramming Operation is Unsuccessful (Recovery)

Do not disconnect the VI3 or shut down CONSULT if reprogramming does not complete.

If reprogramming does not complete and the "!?" icon displays, as shown in Figure 52:

- Check battery voltage (12.0 - 13.5 V).
- EV system ON, Not in Ready mode.
- 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.

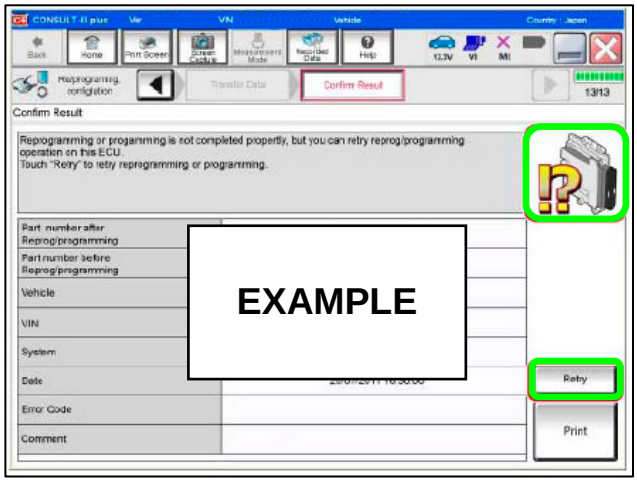


Figure 52

If reprogramming does not complete and the "X" icon displays, as shown in Figure 53:

- Check battery voltage (12.0 - 13.5 V).
- CONSULT A/C adapter is plugged in.
- EV system ON, Not in Ready mode.
- Transmission is in Park.
- All CONSULT VI3 cables are securely connected.
- All C-III plus updates are installed.
- Select **Home**, and restart the reprogram procedure from the beginning.

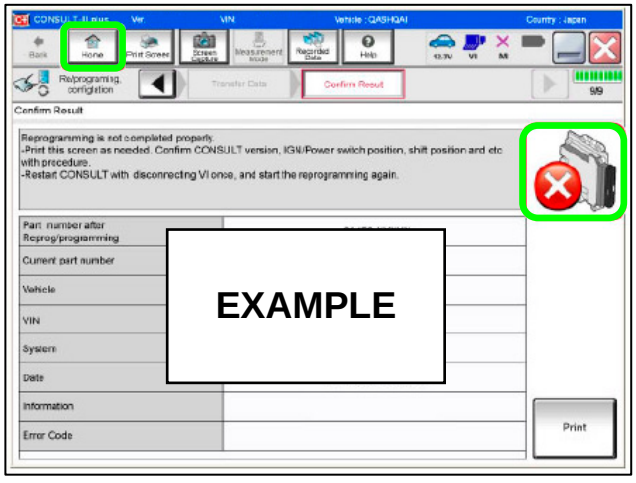


Figure 53

CLAIMS INFORMATION

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

CAMPAIGN (“CM”) ID	DESCRIPTION	OP CODE	FRT
R24B2	Reprogram EV/HEV, Reprogram HV Battery controller, Test Drive, Check for DTCs (1)	R24B20	2.0
	Reprogram EV/HEV, HV Battery controller reprogram not needed, Test Drive, Check for DTCs (1)	R24B21	1.3
	EV/HEV Reprogram not needed, Reprogram HV Battery controller, Test Drive, Check for DTCs (1)	R24B22	1.7
	EV/HEV Reprogram not needed, HV Battery controller-Reprogram not needed, Test Drive, Check for DTCs (1)	R24B23	1.1

(1) If DTC P33ED sets during the campaign procedure, WCC will provide additional Claims Information.

CAMPAIGN (“CM”) ID	DESCRIPTION	OP CODE	FRT
R25C8	Reprogram EV/HEV, Reprogram HV Battery controller, Test Drive, Check for DTCs (1)	R25C80	2.0
	Reprogram EV/HEV, HV Battery controller reprogram not needed, Test Drive, Check for DTCs (1)	R25C81	1.3
	EV/HEV Reprogram not needed, Reprogram HV Battery controller, Test Drive, Check for DTCs (1)	R25C82	1.7
	EV/HEV Reprogram not needed, HV Battery controller-Reprogram not needed, Test Drive, Check for DTCs (1)	R25C83	1.1

(1) If DTC P33ED sets during the campaign procedure, WCC will provide additional Claims Information.

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
May 18, 2026	NTB26-029	Original bulletin published