



TECHNICAL SERVICE BULLETIN

Classification: DA24-009	Reference: NTB25-001	Date: January 7, 2025
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CRUISE CONTROL/PROPILOT STOPS WORKING

APPLIED VEHICLES: 2024-2025 Rogue (T33)

APPLIED DATES: VINS starting with 5N1 - **** built on or before August 30, 2024
VINS starting with JN8 - **** built on or before September 13, 2024

IF YOU CONFIRM

The customer states that while driving on an unobstructed road, and on a clear day without any rain, snow, or direct sunlight, the Cruise Control/ProPilot stopped working,

AND

The Automatic Emergency Braking/Forward Emergency Braking light (AEB/FEB) flashed while the “Forward Driving Aids Disabled” message was displayed in the combination meter,

AND

DTC C2582-97 for “Distance sensor” is stored as PAST.

ACTION

Follow the **SERVICE PROCEDURE** in this bulletin to:

1. Confirm the current LASER/RADAR part number.
2. Reprogram the LASER/RADAR, if applicable.
3. Erase the DTCs.
4. Perform Distance Sensor Alignment.

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

LASER/RADAR Reprogramming

IMPORTANT: Before beginning the following procedure, verify the following:

- ASIST on the CONSULT PC has been synchronized (updated) to the current date.
 - All CONSULT 4 software updates (if any) have been installed.
 - The CONSULT PC is connected to the internet via a cable or Wi-Fi.
 - Later in the procedure you will be required to enter your username and password.
 - If you do not know your username and password, contact your service manager.
 - A screen print for warranty documentation can be done from the CONSULT PC during this **SERVICE PROCEDURE** while still connected to the vehicle.
 - No diagnostic trouble codes (DTCs) are stored.
1. Connect the Vehicle Interface (VI) to the vehicle.
 - Make sure to use the correct VI for the CONSULT PC.

NOTICE

Make sure the VI is securely connected. If the VI connection is loose during reprogramming, the process will be interrupted and the control unit may be damaged.

2. Connect the AC Adapter to the CONSULT PC.

NOTICE

Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the control unit may be damaged.

3. Connect a battery maintainer or smart charger set to reflash mode or a similar setting.

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.

4. Turn OFF all external Bluetooth® devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the VI.

NOTICE

If Bluetooth® signal waves are within range of the CONSULT PC and the VI during reprogramming, reprogramming may be interrupted, and the control unit may be damaged.

5. Turn the ignition ON with the engine OFF.

NOTICE

To avoid damage to the control unit, the engine must not start or run during the reprogramming procedure.

6. Turn OFF all vehicle electrical loads such as exterior lights, interior lights, HVAC, blower, rear defogger, audio, NAVI, seat heater, steering wheel heater, etc.
7. Turn ON the hazard warning lamps.
8. Start CONSULT 4 on the CONSULT PC.
9. If prompted, select **USA/CANADA Dealers** from the drop-down menu, and then select **OK**.
10. 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 CONSULT 4, confirm the CONSULT PC is connected to Wi-Fi, and then reopen CONSULT 4.

11. Wait for the VI to be recognized.
12. Clear any DTCs.
13. Recheck for any DTCs.
14. Select **All self diagnosis result** to confirm no DTCs exist.

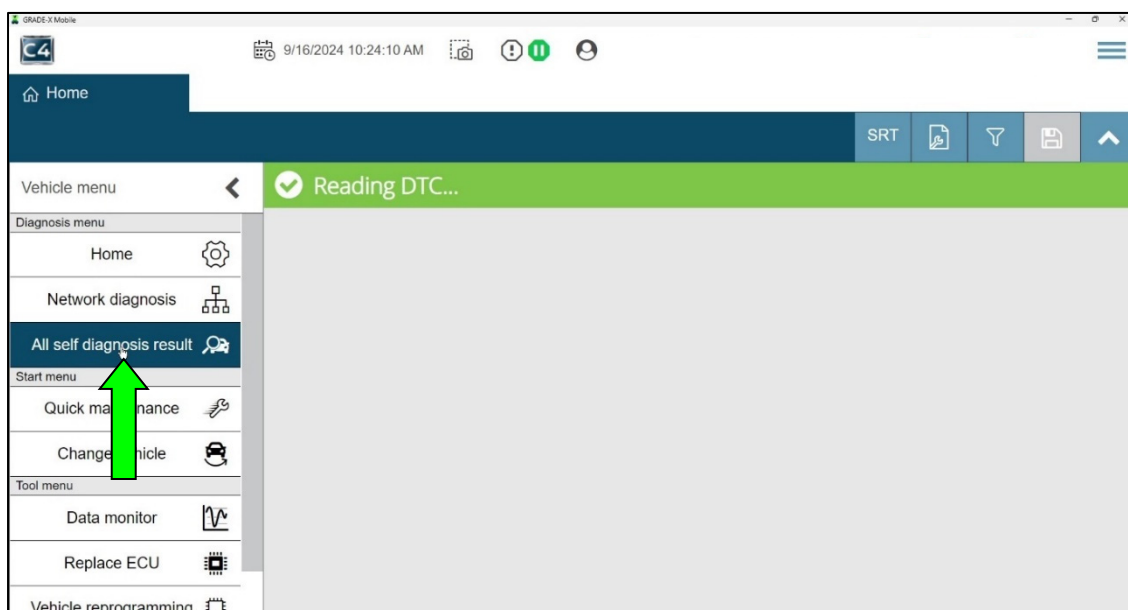


Figure 1

15. Confirm “No DTC”.

HINT: Perform erase all DTCs if there are any DTCs (reference Steps 28-29 on page 11).

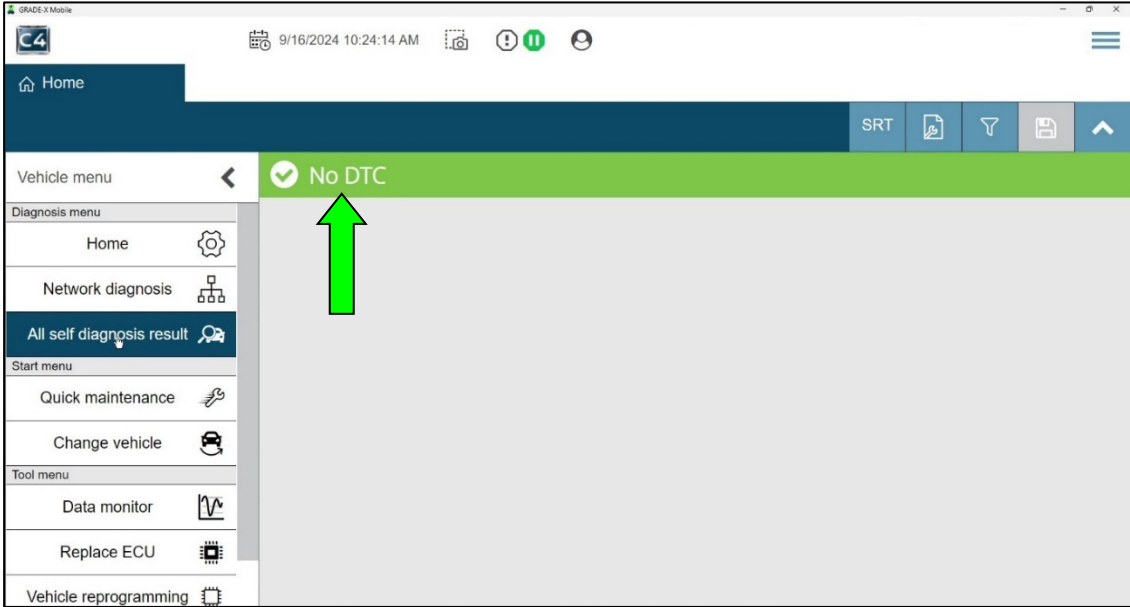


Figure 2

16. Select **Vehicle reprogramming**.

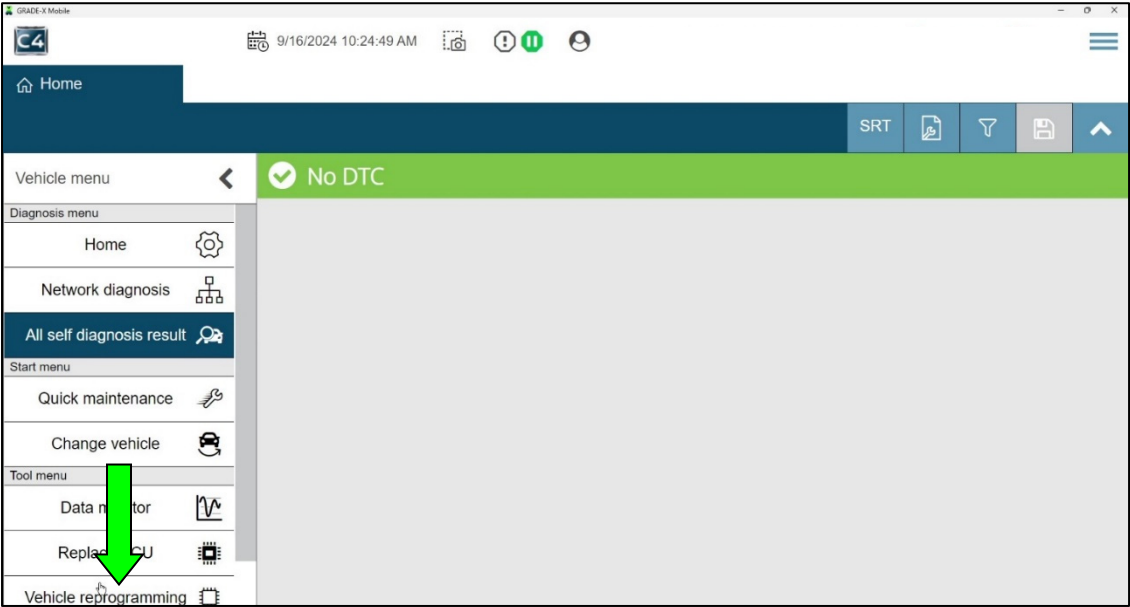


Figure 3

17. If this screen appears, leave the box blank and select **Yes**.

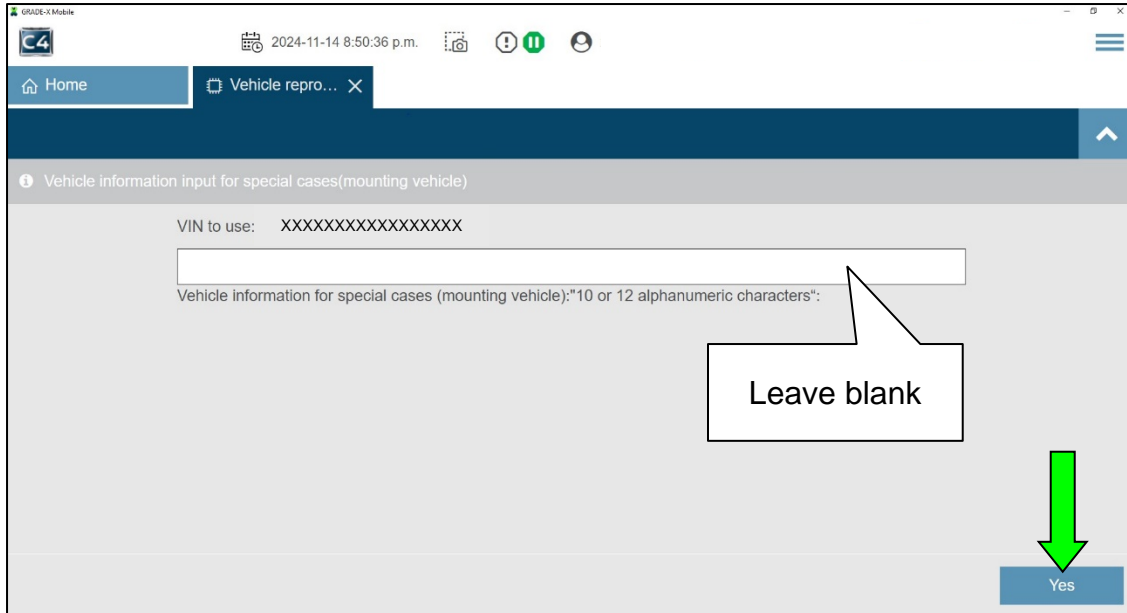


Figure 4

18. If this screen appears, select **Yes**.

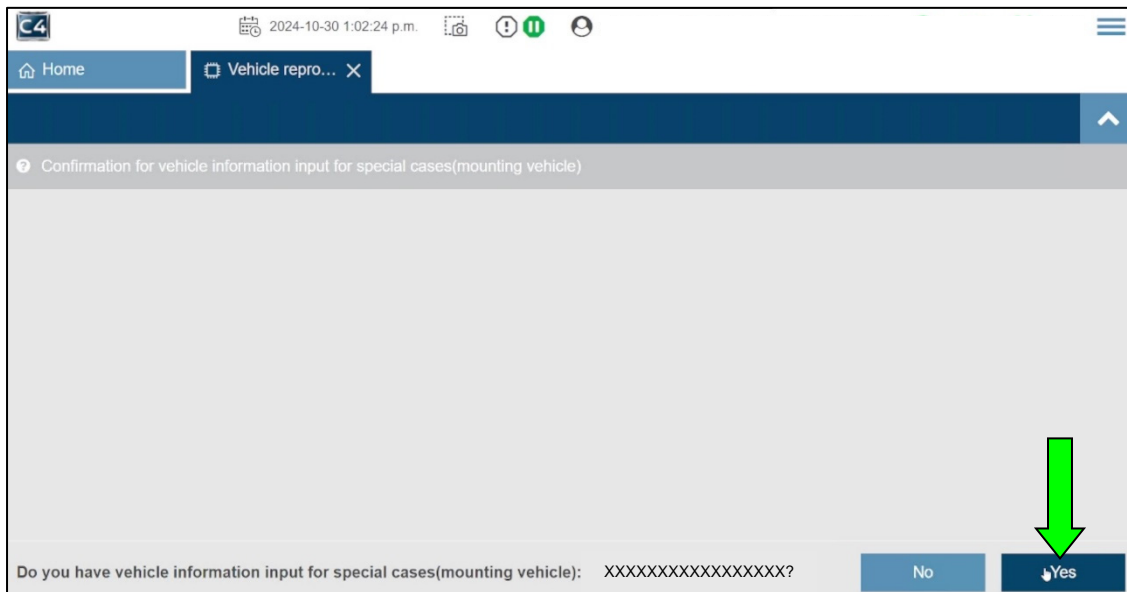


Figure 5

19. Select the “X” in the bottom red box.

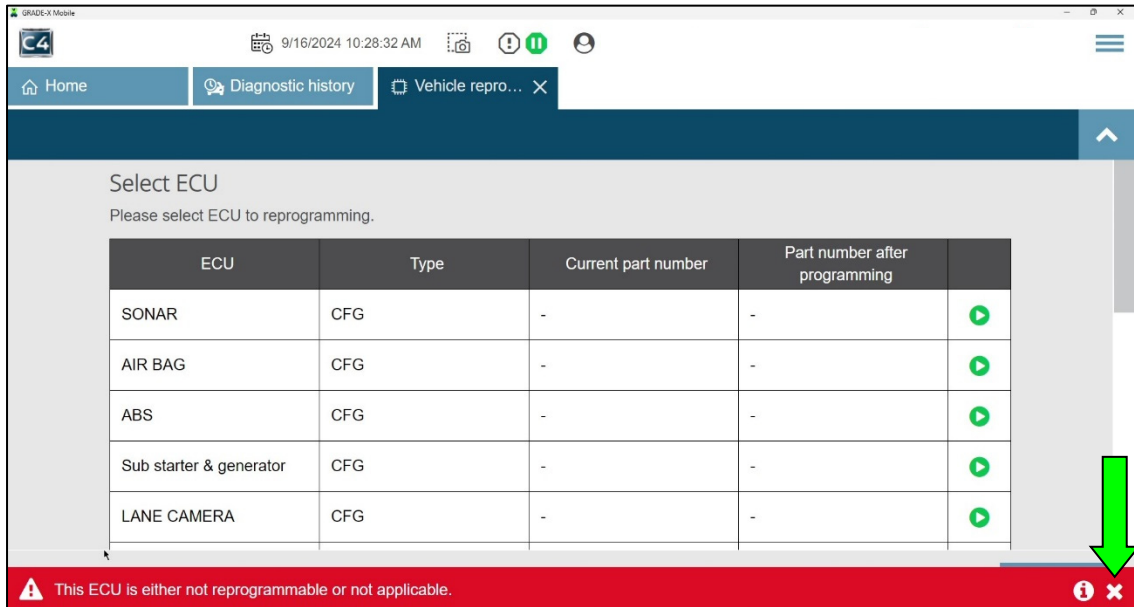


Figure 6

20. Select **LASER/RADAR** (Figure 7).

- Compare the **Current part number** to the numbers in the **CURRENT LASER/RADAR PART NUMBER** column in **Table A**.
 - If there is a match in **Table A**, select the “play” icon to 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 LASER/RADAR PART NUMBER: 988J0-
Rogue	7DA5A

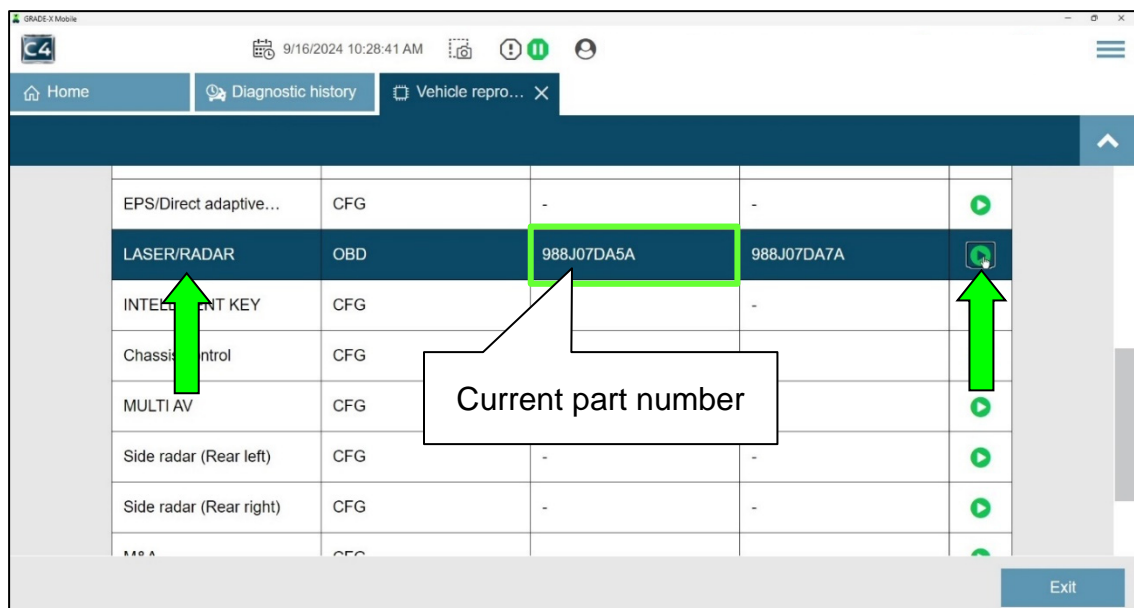


Figure 7

21. Under **Vehicle information**, leave blank and then select **Next**.

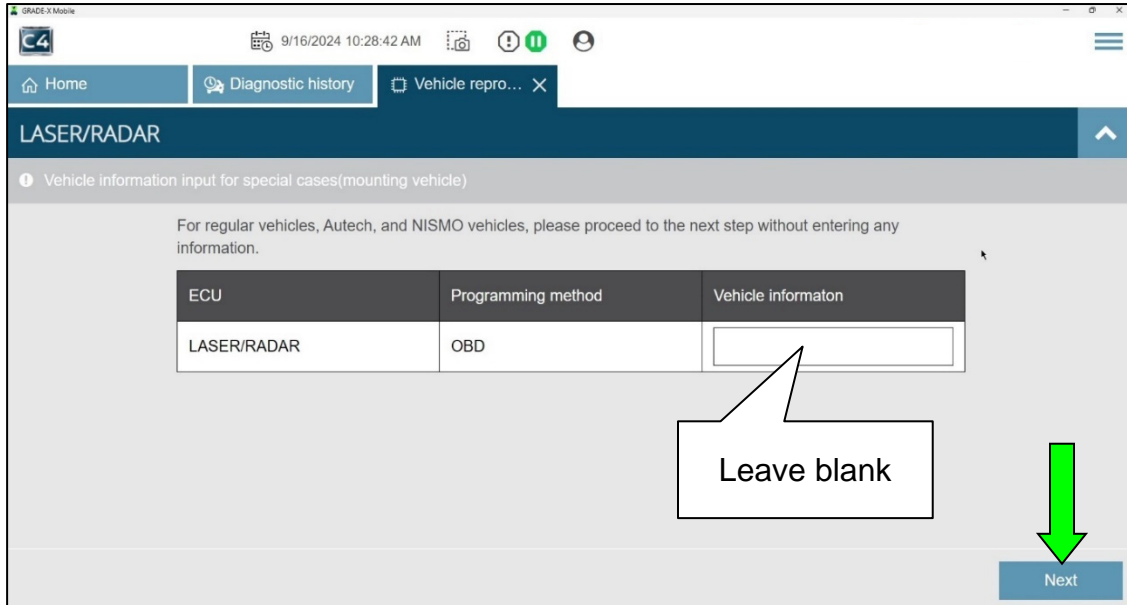


Figure 8

22. Confirm programming data in Figure 9 as follows:

- Find the **LASER/RADAR Current part number** and **Part number after programming** and write it on the repair order.

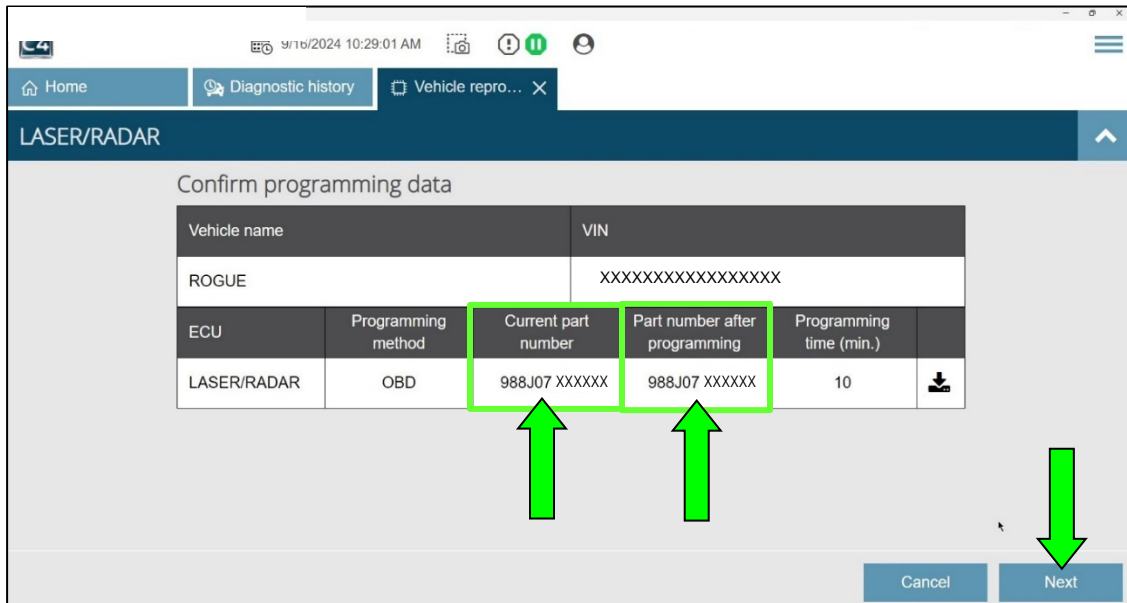


Figure 9

23. Select **Next**.

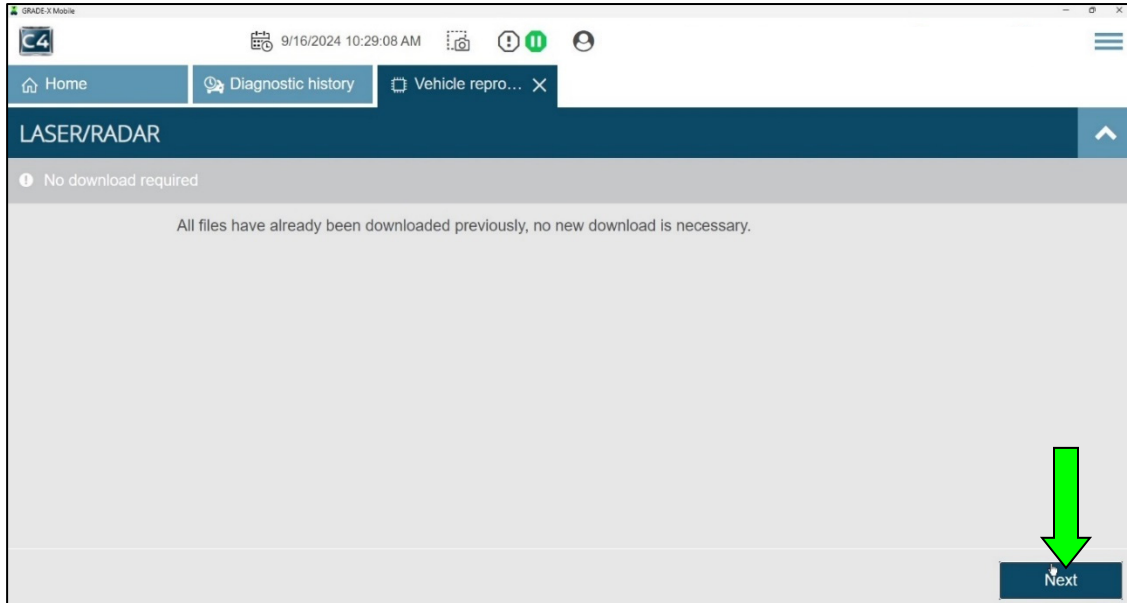


Figure 10

24. Verify battery voltage is between **12.0V and 13.5V** and then select **Next** again to start reprogramming the **LASER/RADAR** ECU.

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.

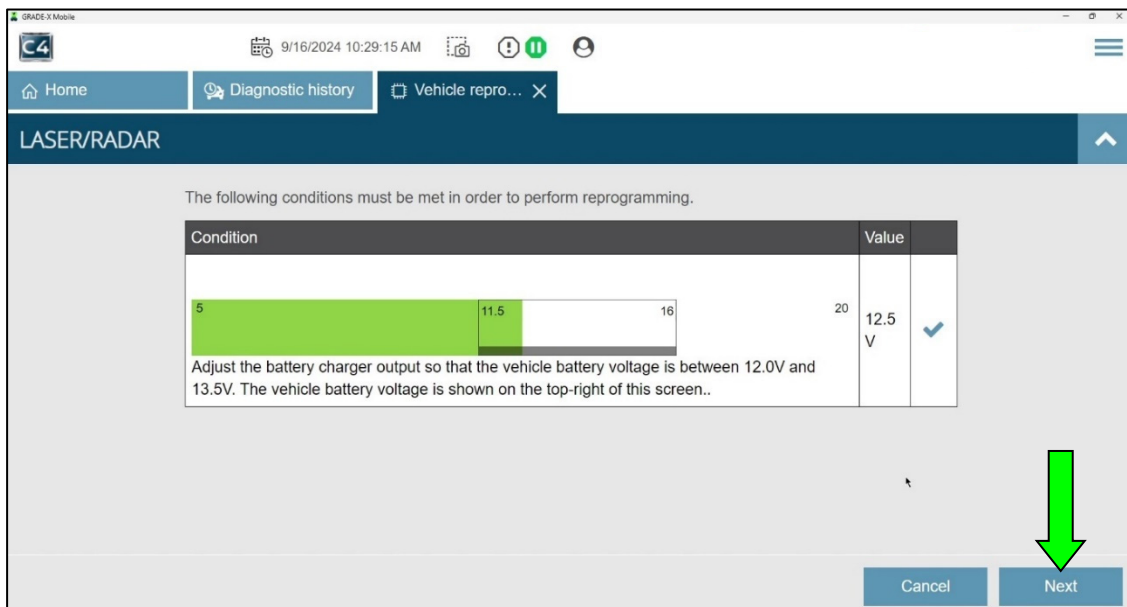


Figure 11

- Reprogramming **LASER/RADAR** ECU progress shown in Figure 12.

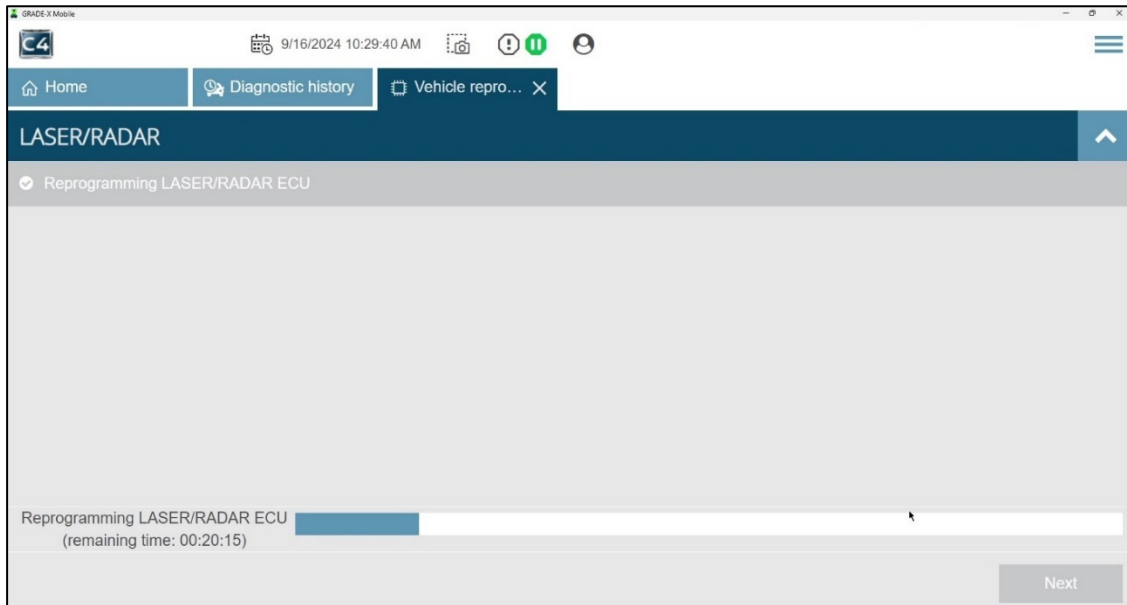


Figure 12

25. If message “Error has occurred. Please try again.” displays, select **Yes**.

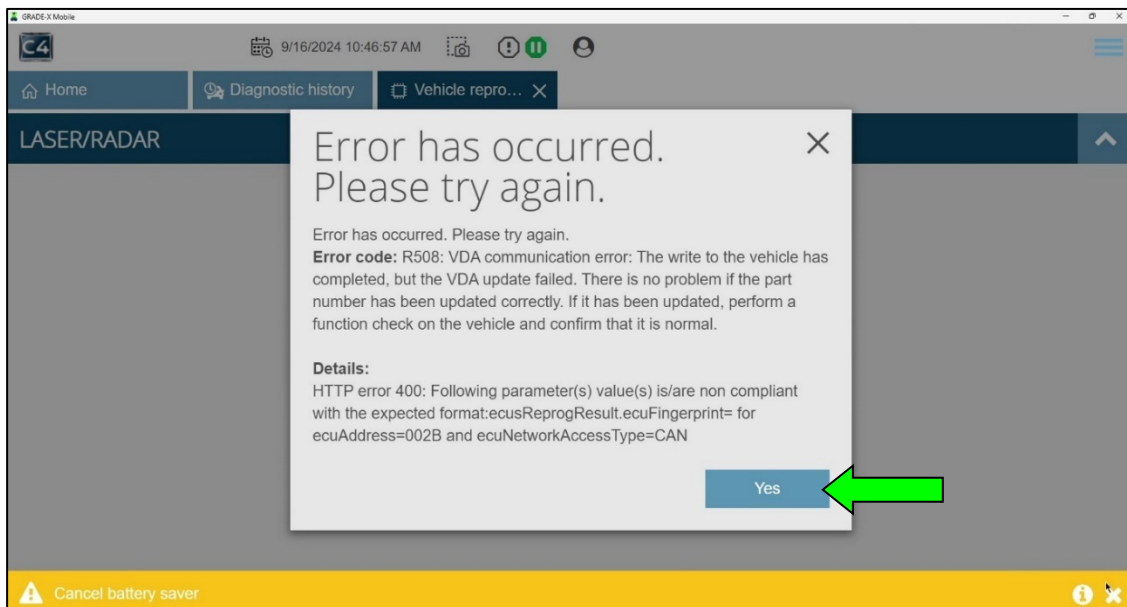


Figure 13

26. When programming finishes, confirm data in Figure 14 is updated.
- a. Compare LASER/RADAR “Previous” and “Current” entries match the entries from Step 22 on page 7.
 - b. Select **Next**, and then select **Complete**.

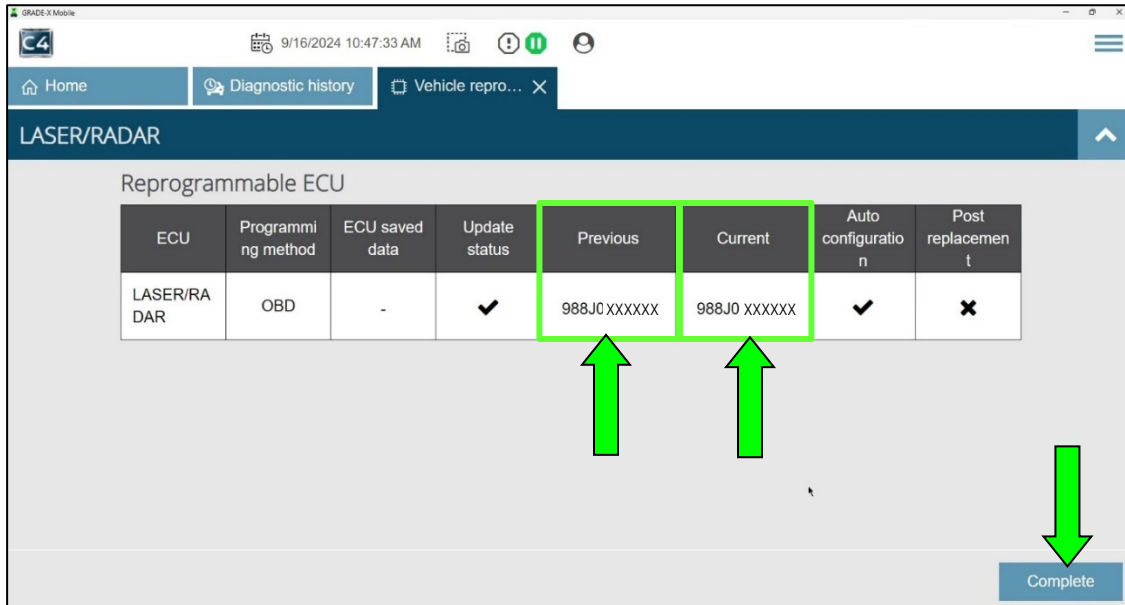


Figure 14

27. Select **All self diagnosis result** to check for any existing DTCs.

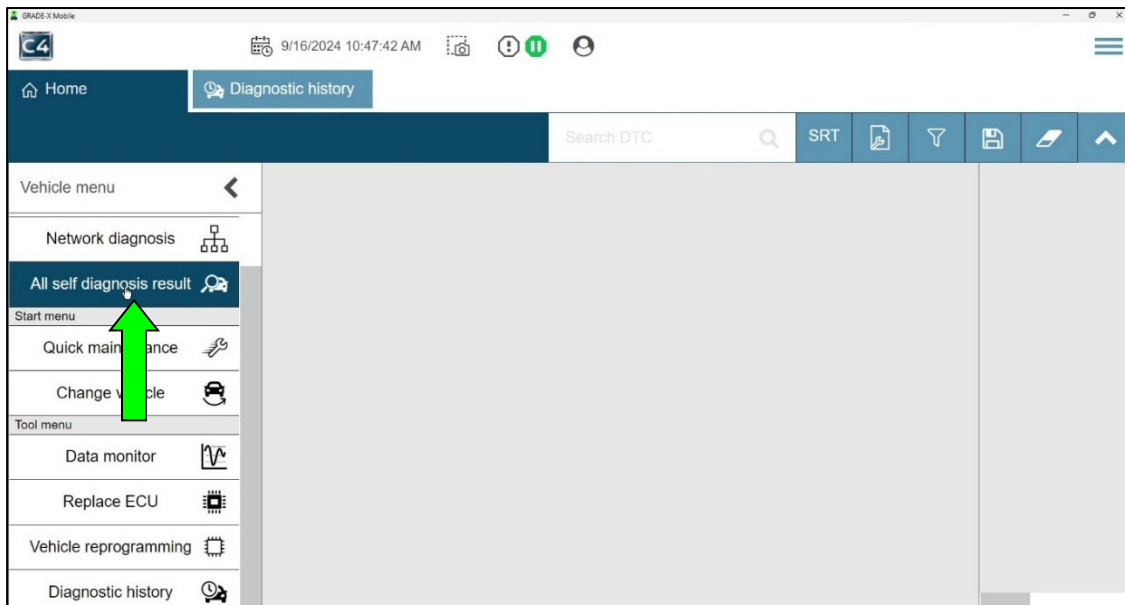


Figure 15

28. Select highlighted icon to perform Erase all DTCs.

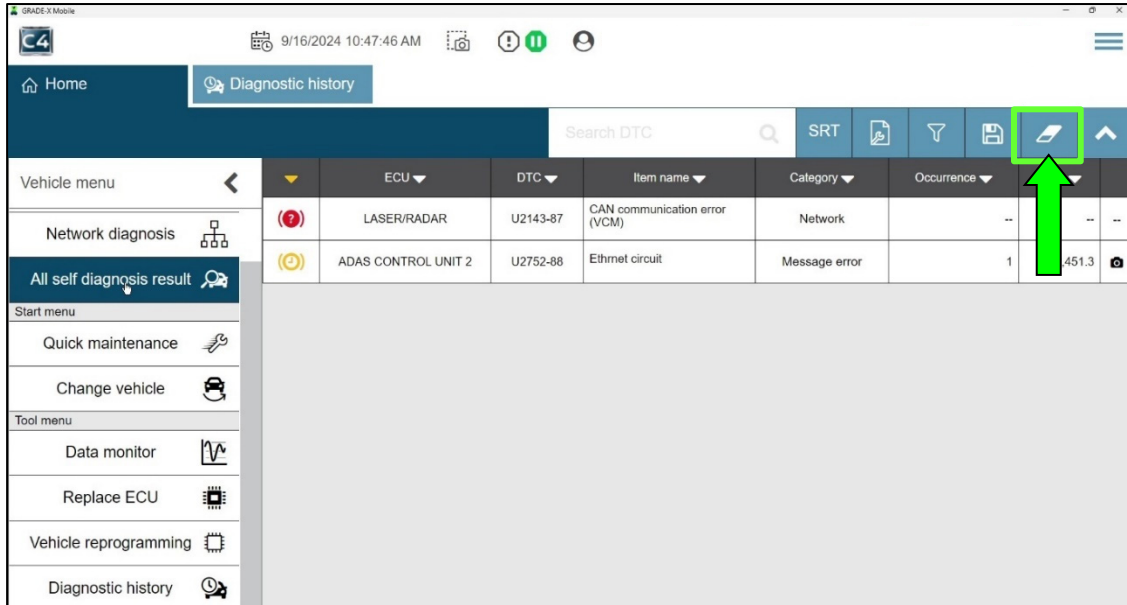


Figure 16

29. Select **Yes** to Erase all DTC.

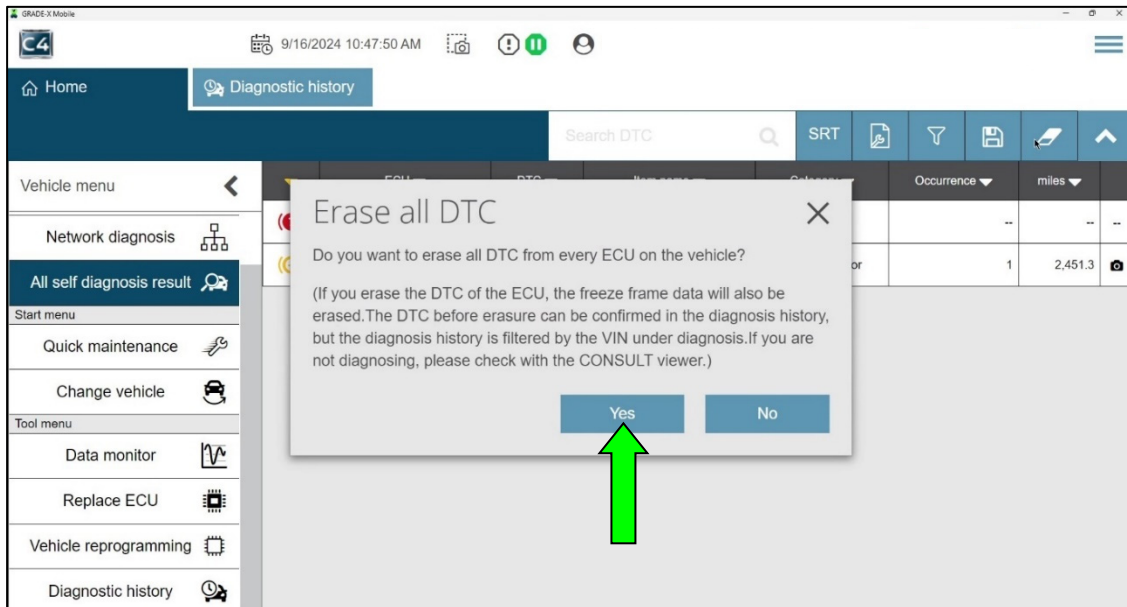


Figure 17

30. Confirm “No DTC”.

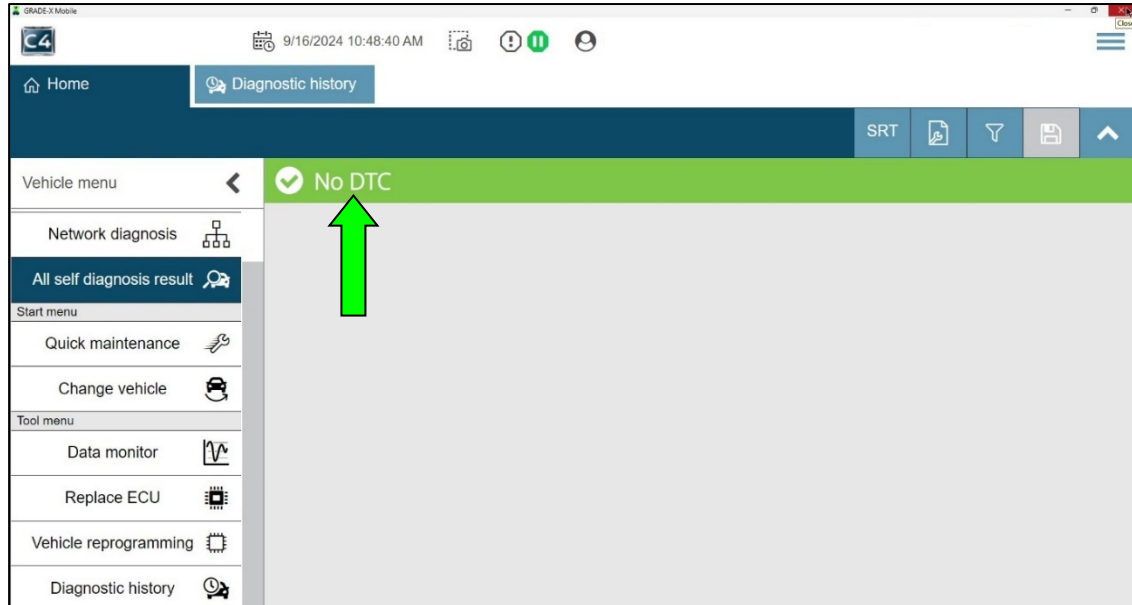


Figure 18

31. Select **Home**.

32. Perform Distance Sensor Alignment.

- Refer to the ESM: **CRUISE CONTROL & DRIVER ASSISTANCE > DRIVER ASSISTANCE SYSTEM > DRIVER ASSISTANCE SYSTEM > BASIC INSPECTION > DISTANCE SENSOR ALIGNMENT > Work Procedure**

33. Close CONSULT 4 and disconnect the VI.

34. Disconnect the battery maintainer or smart charger from the vehicle.

CLAIMS INFORMATION

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

Reprogram Not Needed

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Check for Reprogram not needed	(1)	RXG2AA	ZE	32	0.3

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

OR

Reprogram Needed

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Check & Perform Laser/Radar Reprogram	(1)	RXG3AA	ZE	32	0.5
ADJUST DISTANCE/ICC SENSOR		WH26AA			0.7

- (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
January 7, 2025	NTB25-001	Original bulletin published