

TECHNICAL INSTRUCTIONS
FOR
SAFETY RECALL 26LA02
REPROGRAMMING FOR
REAR CAMERA

CERTAIN 2022 - 2025 NX250 & NX350
CERTAIN 2023 - 2026 RX350
CERTAIN 2024 - 2026 TX350

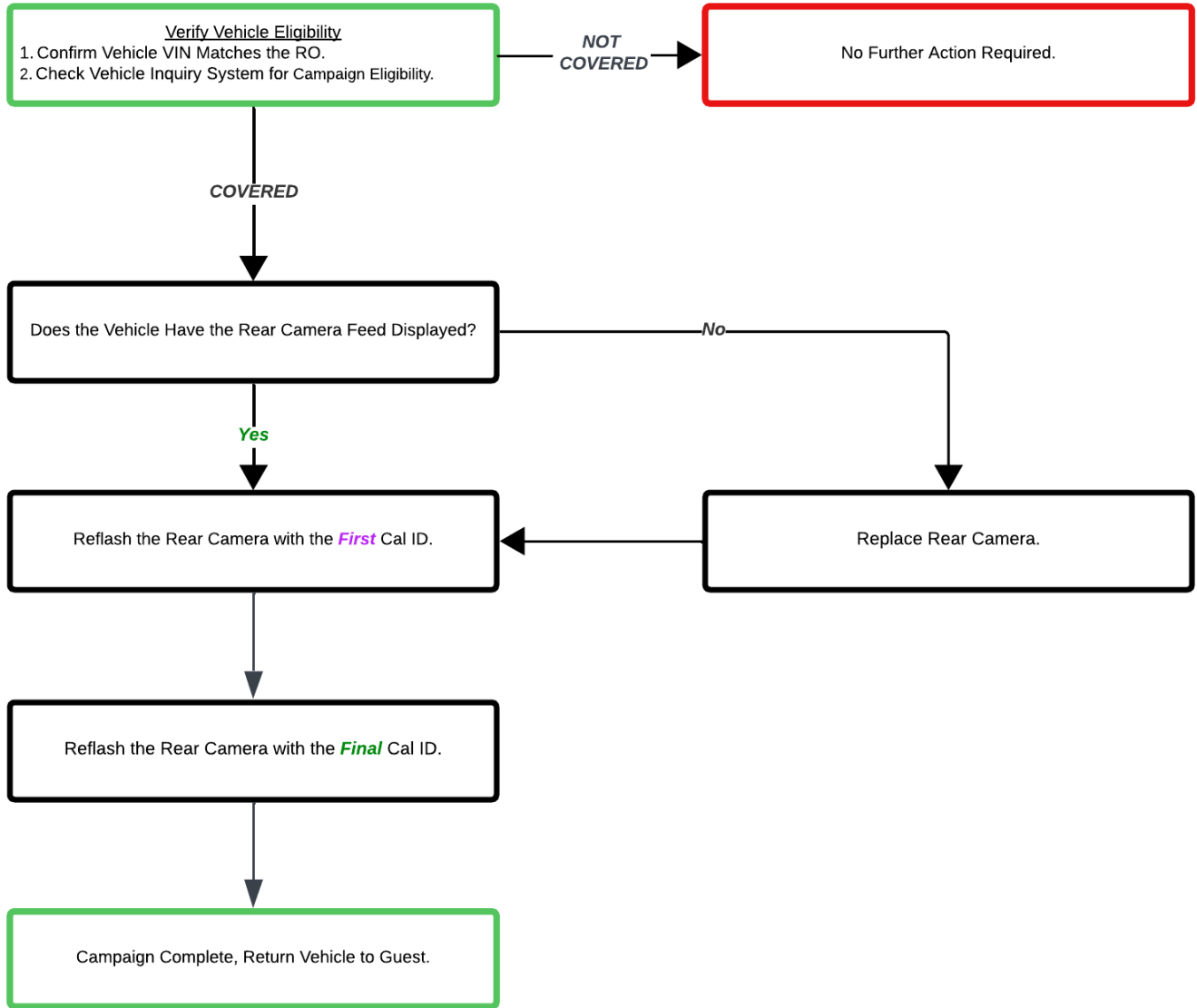
The repair quality of covered vehicles is extremely important to Lexus. All dealership technicians performing this recall are required to successfully complete the most current version of the E-Learning course “Safety Recall and Service Campaign Essentials”. To ensure that all vehicles have the repair performed correctly, technicians performing this recall repair are required to currently hold at all the following certification levels:

- LIC206B – Electrical Repair 2

It is the dealership’s responsibility to select technicians with the above certification level or greater to perform this recall repair. Carefully review your resources, the technician skill level, and ability before assigning technicians to this repair. It is important to consider technician days off and vacation schedules to ensure there are properly trained technicians available to perform this repair at all times.

I. OPERATION FLOW CHART

The flow chart is for reference only. **DO NOT** use it in place of the full technical instructions. Follow **ALL** steps as outlined in the full technical instructions to confirm the campaign is completed correctly.



II. IDENTIFICATION OF AFFECTED VEHICLES

1. CHECK VEHICLE FOR CAMPAIGN ELIGIBILITY

- a) Compare the vehicles VIN to the VIN listed on the Repair Order to ensure they match.
- b) Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Campaign, and that it has not already been completed.

HINT:

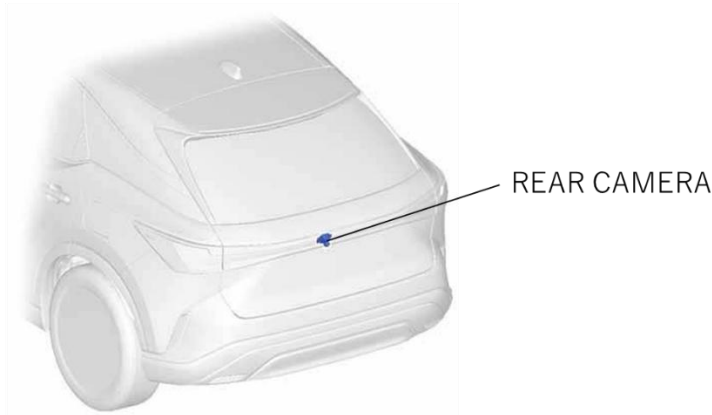
Lexus warranty will not reimburse dealers for repairs completed on vehicles that are not affected or were previously completed, even by another dealer.

III. PREPARATION

A. TOOLS & EQUIPMENT

- L-SB-0001-18 Rev. 2
- DCA-8000 Battery Diagnostic Station
- Techstream ADVi / Techstream 2.0 / Techstream Lite

IV. BACKGROUND



※ RX350 is shown as a representative

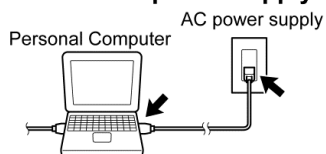
V. SEAFETY PRECAUTIONS

Critical

CRITICAL INFORMATION - READ THOROUGHLY

An ECU could be damaged if an error occurs in the communication while reprogramming the ECU. Confirm all work is performed as described in these instructions.

Be sure to connect the personal computer to an external AC power supply.



K1400880016e

1. STABILIZE THE POWER TO THE PERSONAL COMPUTER SIDE

- a) Be sure to connect the personal computer to an external AC power supply.

NOTICE:

The ECU could be damaged if the battery voltage of the personal computer drops while reprogramming.

Turn off the screen saver and power saving mode.



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DO NOT block the ventilation opening.



S220700139019aS

- b) Turn off the screen saver and power saving mode of the personal computer so that the power to the hard disk is kept supplied.

NOTICE:

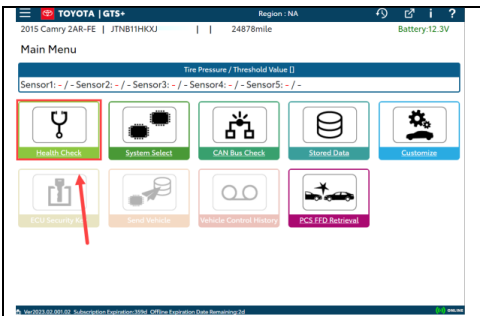
If the screen saver or power saving mode launches while reprogramming, the communication may be disconnected, resulting in the damage of the ECU.

- c) **DO NOT** block the ventilation opening for the cooling fan of the personal computer.

NOTICE:

If the ventilation opening for the cooling fan is blocked with a sheet cover or the like, the personal computer may be heated excessively, causing the operation of the personal computer to stop. Due to the stop of the operation, the communication for reprogramming signals could be stopped, resulting in the damage of the ECU.

VI. REAR CAMERA SYSTEM CALIBRATION ID VERIFICATION



1. CHECK FOR DTC'S

- a) Using a GTS+, click the "Health Check" button on the Main Menu.

HINT:

This Campaign covers only the software update to the rear camera System, as detailed in these instructions. It does not cover the diagnosis or replacement of any other systems on the vehicle.

2. CHECK CURRENT CALIBRATION

- a) Locate the "Update" column of the "Calibration Information" for the Rear Camera system on the "Health Check Result" screen.
- b) **Note – The update column may not list a "YES" indicating that an update is necessary.** For this reason, it is imperative to compare the current Calibration ID to the NEW Calibration ID.

Health Check Result

STATUS
 2026/02/23 16:01:39
 ECU Security Key: -
 Compensation Pressure [kPa(gauge)]
 Front:
 Rear:

Caution
 Enhanced Completed: 2026/02/23 16:04:37

System	Calibration	Configure	RoB	DTC
Steering Angle Sensor	8924G0E01000	No	-	0
Driver Monitor Camera Control	-	-	-	-
Rear Camera	867BF4803000	No	-	0
		No	-	0
SRS Airbag	8917F0E83100 8AA110E21100	No	●	0
Driving Support Computer	-	-	-	-
Seat Belt Control	-	-	-	-
Pre-Collision System	-	-	-	-
Main Body	8922F4824000	No	●	0
Central Gateway	8911F0A11000	No	-	0

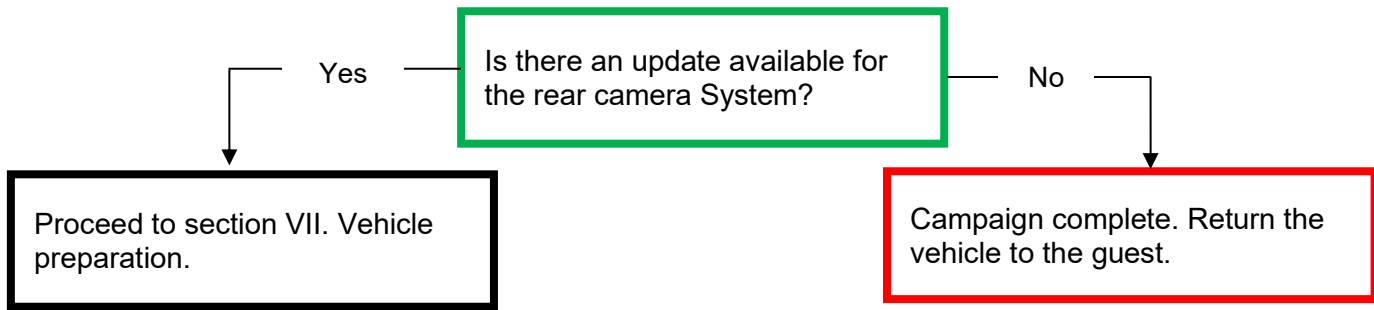
DTC detection: Diagnose with IPK IPK ECU SEARCH RoB DTC

Ver2026.01.002.01 Subscription Expiration:312d Offline Expiration Date Remaining:7d Vehicle ID:22186 ONLINE

3. CHECK CURRENT CALIBRATION ID

Please note that 2 different calibrations are required to complete the repair for most CAL IDs, however the last CAL ID on the table will only require the final CAL file, please reference tables below:

Rear Camera Calibrations				
System	Vehicle Model	Current Calibration ID	1 st Calibration ID	Final Calibration ID
Rear Camera	23-24MY RX	867BF4803000	867BF48030F0 (L-0025-26.cuw - 21.7 MB)	867BF4803200 L- 0026-26.cuw (21.7 MB)
	25-26MY RX	867BF4803100	867BF48031F0 (L-0027-26.cuw 21.7 MB)	867BF4803300 L-0028-26.cuw 21.7 MB)
	NX	876BF7808005 867BF7808006 867BF7808101 867BF7808102 867BF7802000	867BF78020FF (L-0029-26.cuw 21.7 MB)	867BF7802100 (L-0030-26.cuw 21.7 MB)
	TX	867BF0E27002	867BF0E270FF (L-0031-26 21.7 MB)	867BF0E27100 (L-0032-26.cuw 21.7 MB)



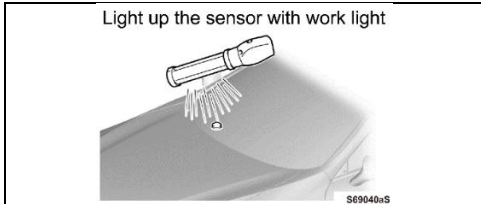
◀ CRITICAL MESSAGE ▶

It is critical that L-SB-0001-18 Rev. 2 in addition to the Technical Instructions for this Recall [or LSC/CSC] are followed. This LSB outlines all steps necessary to prevent reprogramming failure. Lexus will not provide reimbursement coverage for reprogramming failures if this LSB is not followed. If you have a reprogramming failure that requires PARKING ASSIST COMPUTER replacement and the Technical Instructions and LSB were followed correctly, please create a case with the Technical Assistance Hotline documenting all information related to the failure. If sufficient reporting is received related to re-flash failure, there will be consideration for reimbursement.

VII. VEHICLE PREPERATION

1. VEHICLE PREPERATION

- a) Confirm the following conditions:
- Vehicle in the IG position (READY OFF).
 - Transaxle in Park.
 - Parking brake engaged.
 - Turn off all electrical accessories (i.e. climate control, audio system, etc.)
 - Headlight switch in the DRL OFF position. (w/ DRL OFF position)
 - Windshield wiper switch in the OFF position.



- b) When the vehicle has no "OFF position" in the light control switch:
- 1) Turn the IG ON.
 - 2) Set the light control switch to the AUTO position and make sure that the exterior lights are turned on.
 - 3) Light up the automatic light control sensor with work light to keep the exterior lights turned off.

2. CONNECT THE 12V BATTERY TO A POWER SUPPLY

- a) Connect the DCA-8000 or other type of a power supply (not a battery charger) to the 12 V battery.
b) Tap the Reflash icon from the Main Menu screen of the DCA-8000.



A power supply MUST be used during reprogramming. ECU damage will occur if the battery voltage is not properly maintained during this re-flash procedure.

NOTICE:

A power supply must be connected directly to the 12 V battery terminals and NOT the remote jump posts under the hood (if equipped).

3. VERIFY GTS+ SETUP

- a) Verify that the GTS+ meets the following conditions:
- The latest version of software is loaded.
 - The GTS+ battery is fully charged. If not, connect the GTS+ to a 120 V source.
 - The DLC III cable is in good condition.



The GTS+'s battery voltage must also be maintained during the re-flash procedure. If necessary, plug the GTS+ into a 120 V outlet during this procedure.

NOTICE:

If the GTS+ communication with the vehicle fails during the re-flash procedure, the rear camera will be damaged.

VIII. UPDATE CALIBRATION

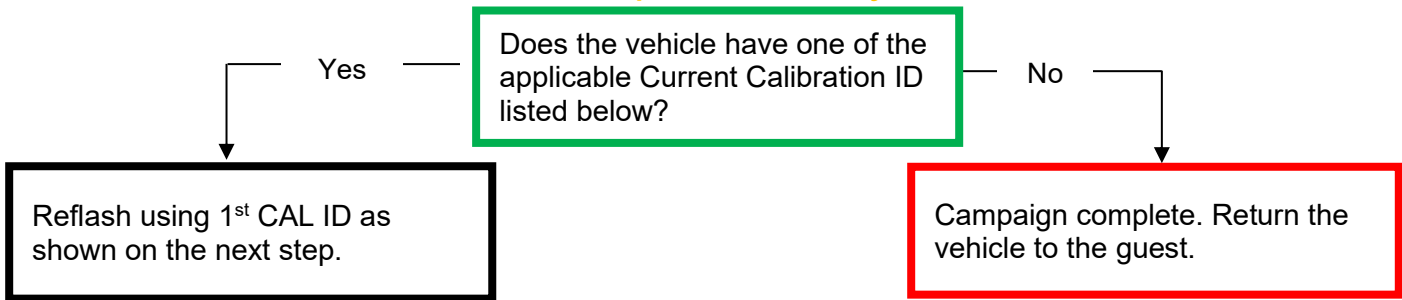
1. CONFIRM THE CALIBRATION ID

- a) Confirm the current calibration ID in the rear camera System.

System	Calibration	Configure	RoB	DTC
Steering Angle Sensor	8924G0E01000	No	-	0
Driver Monitor Camera Control	-	-	-	-
Rear Camera	867BF4803000	No	-	0
SRS Airbag	8917F0E83100 8AA110E21100	No	●	0
Driving Support Computer	-	-	-	-
Seat Belt Control	-	-	-	-
Pre-Collision System	-	-	-	-
Main Body	8922F4824000	No	●	0
Central Gateway	8911F0A11000	No	-	0

NOTICE:

If the Rear Camera has the **New CIDs**, no update is necessary.



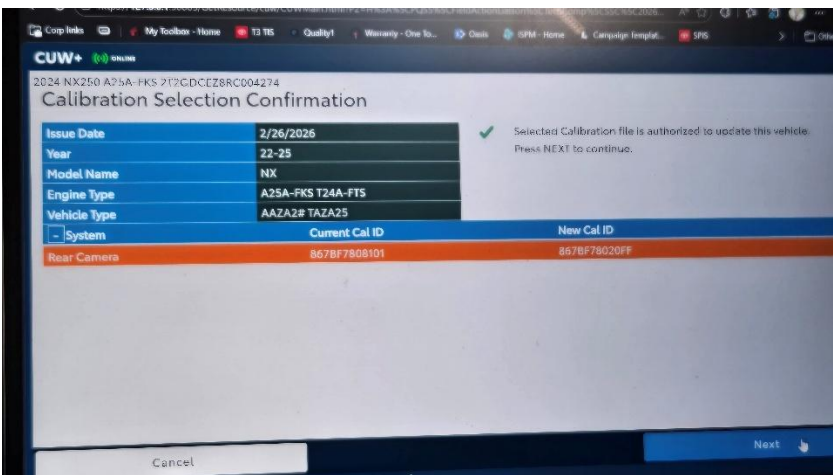
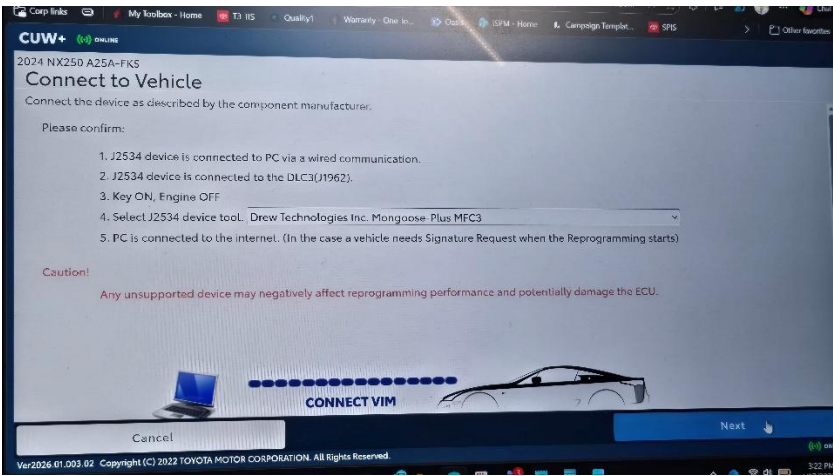
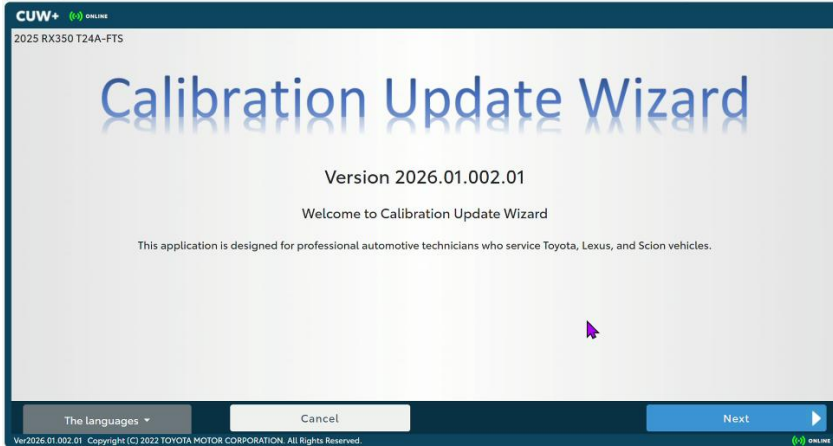
Rear Camera Calibrations				
System	Vehicle Model	Current Calibration ID	1st Calibration ID	Final Calibration ID
Rear Camera	23-24MY RX	867BF4803000	867BF48030F0 (L-0025-26.cuw - 21.7 MB)	867BF4803200 L- 0026-26.cuw (21.7 MB)
	25-26MY RX	867BF4803100	867BF48031F0 (L-0027-26.cuw 21.7 MB)	867BF4803300 L-0028-26.cuw 21.7 MB)
	NX	876BF7808005 867BF7808006 867BF7808101 867BF7808102 867BF7802000	867BF78020FF (L-0029-26.cuw 21.7 MB)	867BF7802100 (L-0030-26.cuw 21.7 MB)
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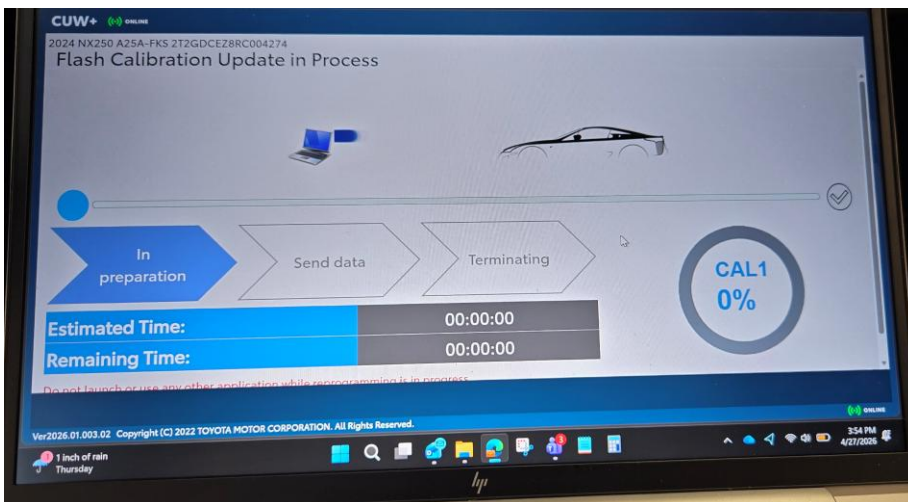
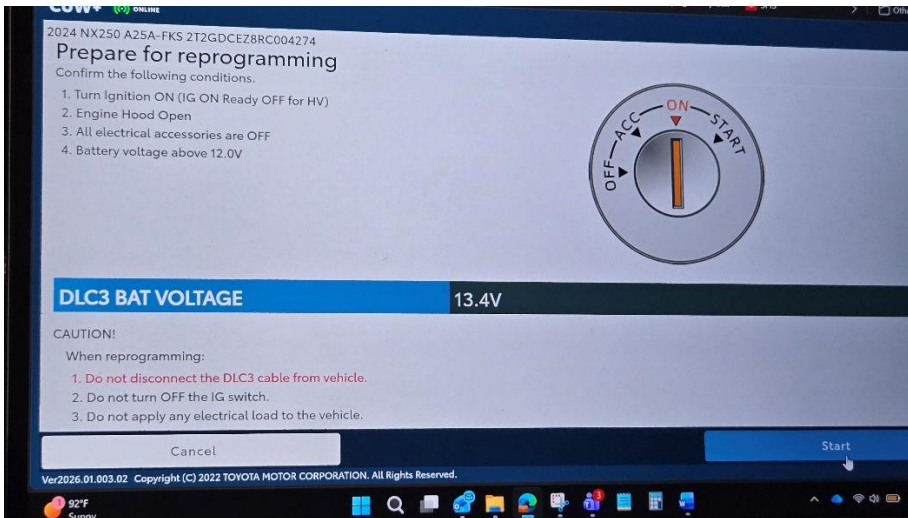
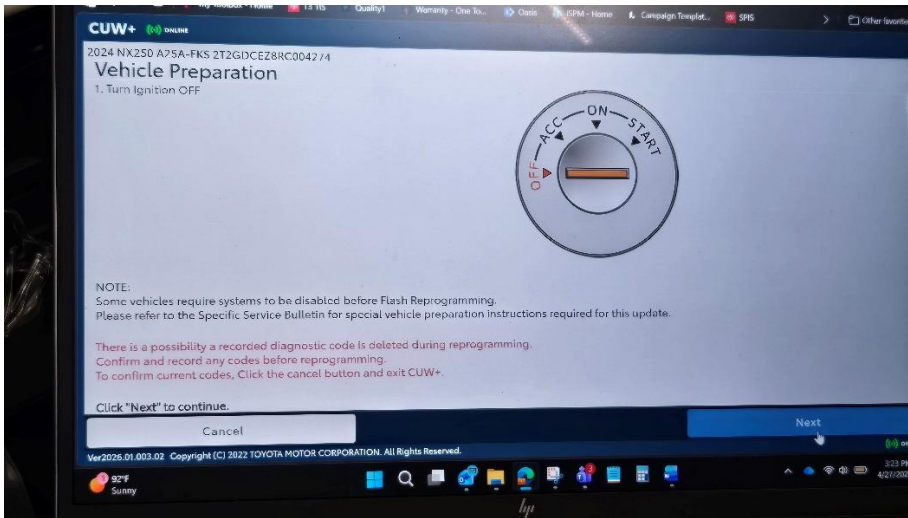
2. REFLASH THE REAR CAMERA SYSTEM.

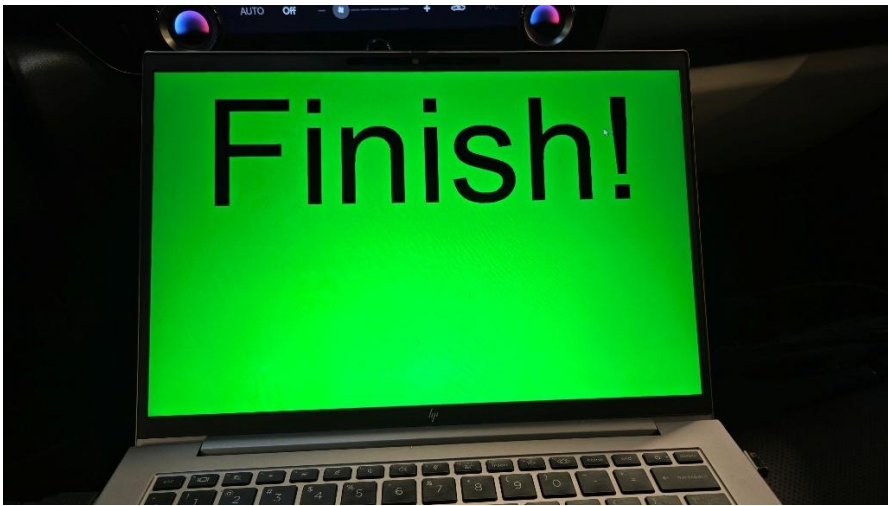
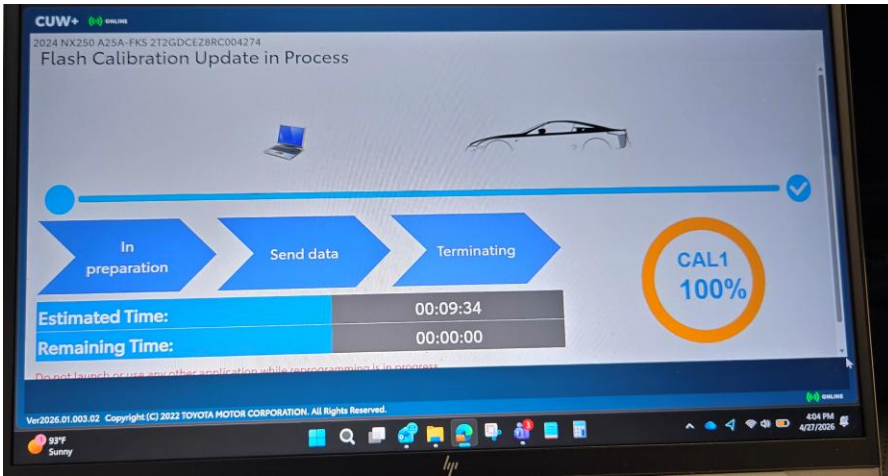
- a) Follow the hyperlinks on the calibration ID table shown above to select the 1st Calibration ID corresponding CUW file launch the Calibration wizard. Once the wizard loads, please follow instructions on screen.

NOTICE:

Reflash failure should be extremely rare and can be avoided by following all instructions and reprogramming best practices.







Use Caution when performing this step of the reflash.

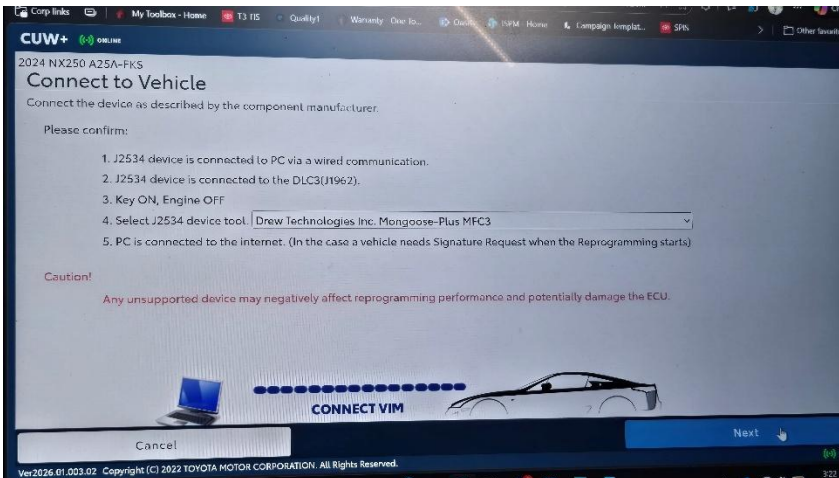
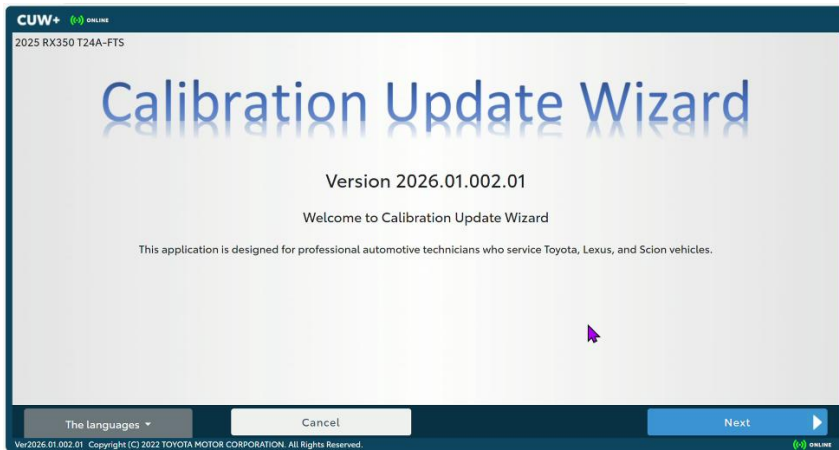


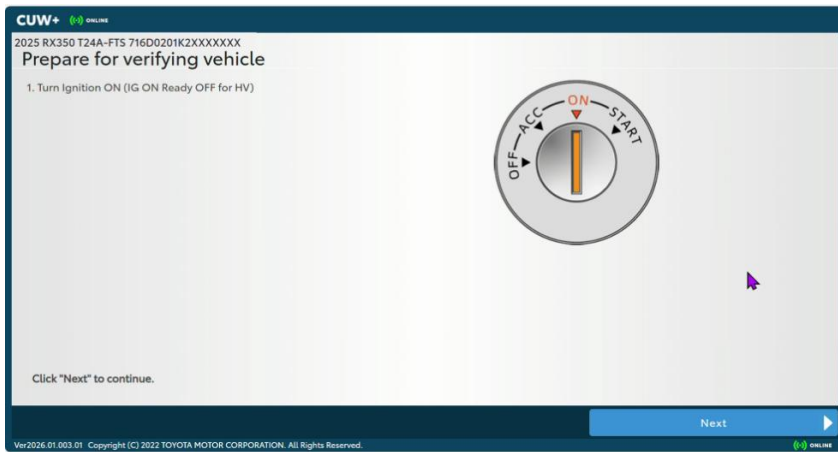
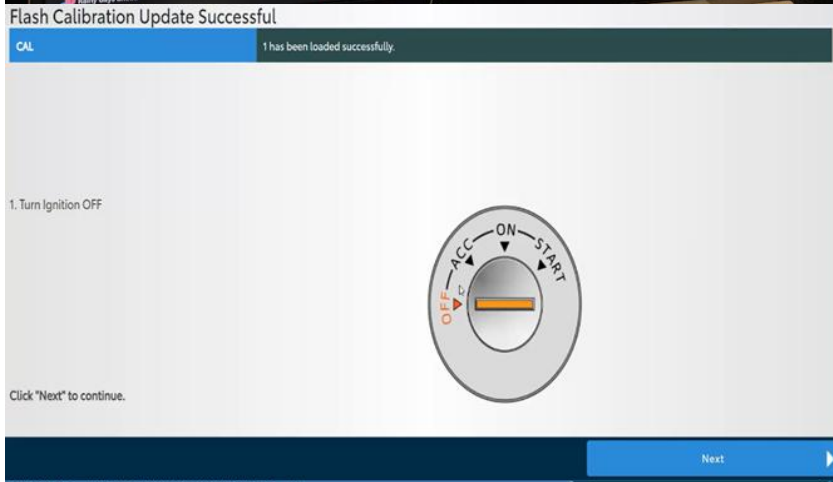
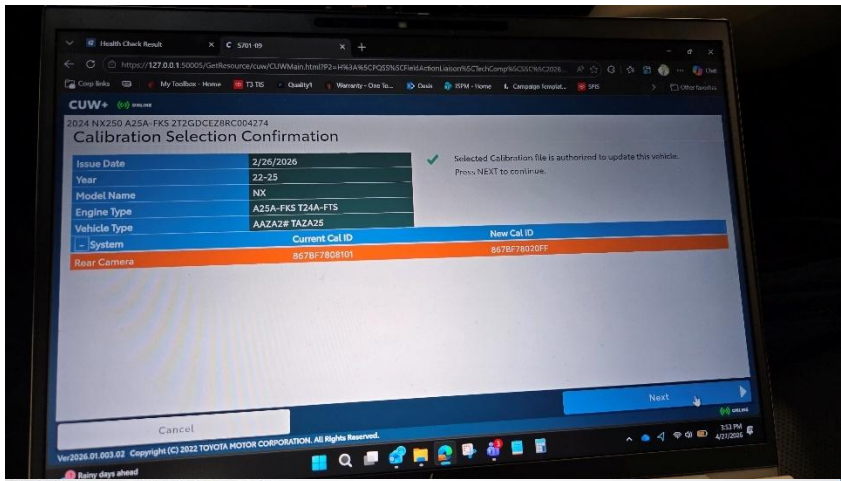
Make sure to only turn vehicle off and follow prompt to then turn ignition on. If you cycle too fast from ignition on to off and ignition back on again there is high risk of bricking/damaging the camera and you will need to then replace camera.

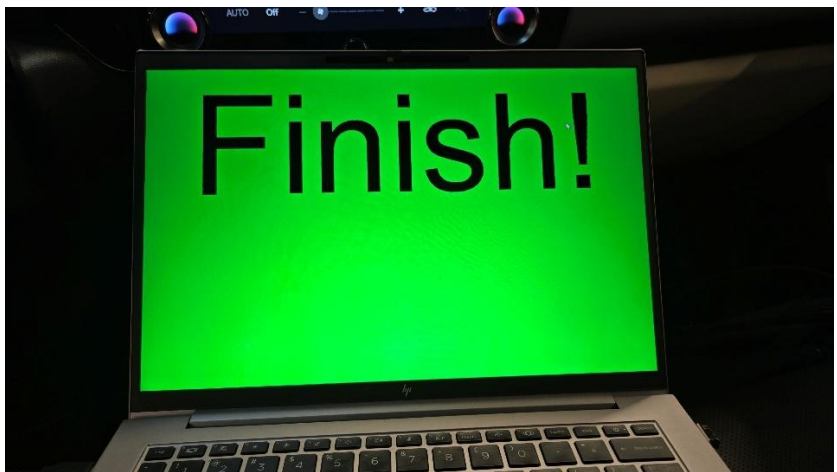
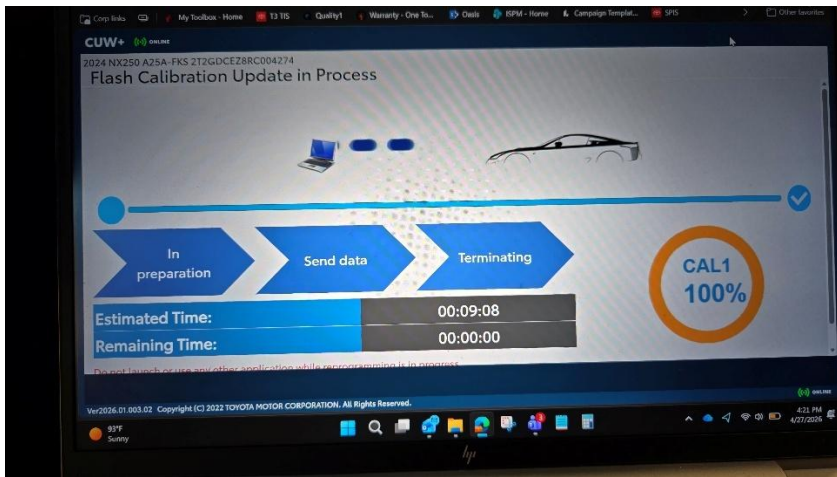
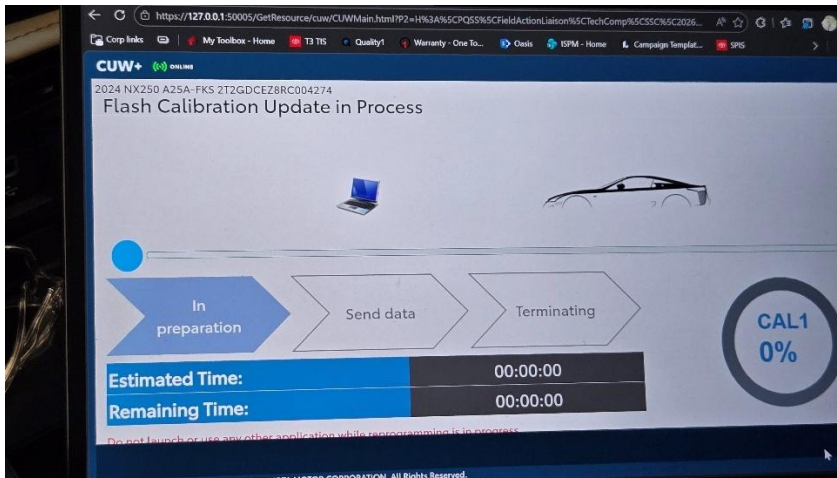
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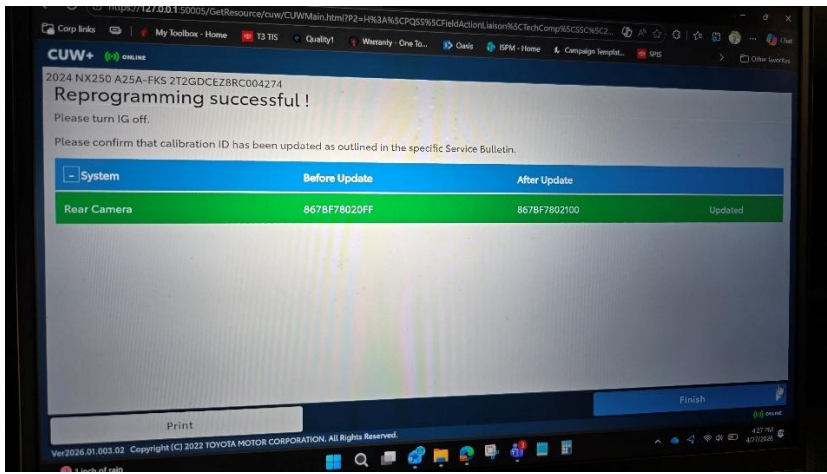
3. PERFORM CALIBRATION USING CUW FILE

- a) Follow the hyperlinks on the calibration ID table shown on section VI step 3. and select the **Final** Calibration ID corresponding CUW file to launch the Calibration wizard. Once the wizard loads, please follow instructions on screen.

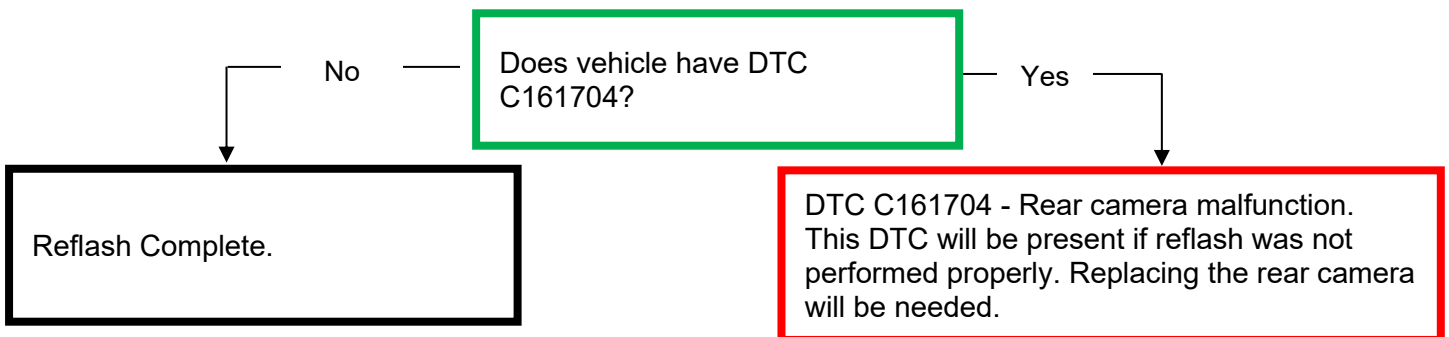
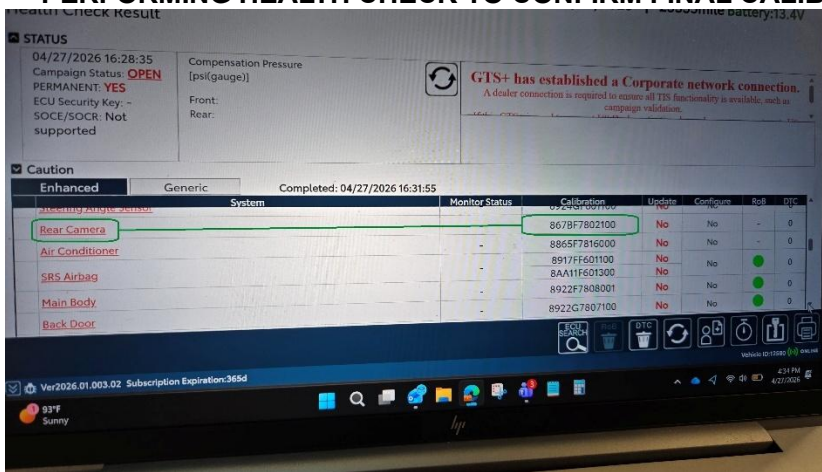








4. PERFORMING HEALTH CHECK TO CONFIRM FINAL CALIBRATION ID IS PRESENT AND DTC'S



IX. COMPLETE REPAIR

1. DISCONNECT THE DCA-8000



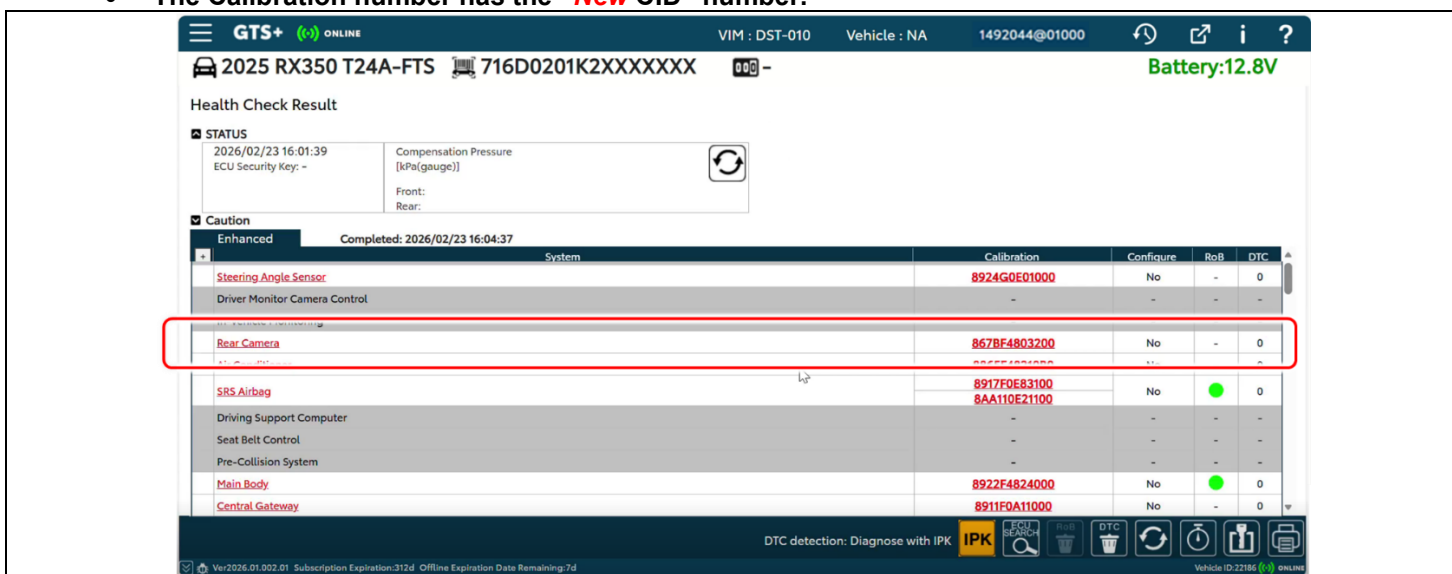
2. PERFORM VERIFICATION HEALTH CHECK

- Using a GTS+, click the “Health Check” button on the Main Menu.
- Clear DTC’s that may have set during the re-flash procedure.
- Re-run the Health Check to confirm that no DTCs reappear.

Critical THIS VERIFICATION HEALTH CHECK IS **NECESSARY** to update the results and CIDs to the National database.

3. CONFIRM CID UPDATE

- On the Stored Data tab, confirm the following for the Rear camera System:
 - The Calibration number has the “**New CID**” number.



Critical

Confirm the CIDs have been updated successfully to the **NEW CIDs** by someone other than the individual who performed the repair. Refer to page 5.



Customer Health Check Report Button

4. PRINT CUSTOMER HEALTH CHECK REPORT

- From the Stored Data tab, select the Customer Health Check Report button (TIS will launch when button is pressed).
- Log in to TIS.
- Input Vehicle Mileage and Repair Order number.
- Check the “Performed” campaign button for the applicable campaigns.
- Select the Report button.



Diagnostic Report

Vehicle Information

Mileage: 7787

Repair Order: 77888

Our systems show the following campaigns are outstanding. Have any of these campaigns been completed? (Check for SSC door label if unsure.)

XXX: Performed Not Performed

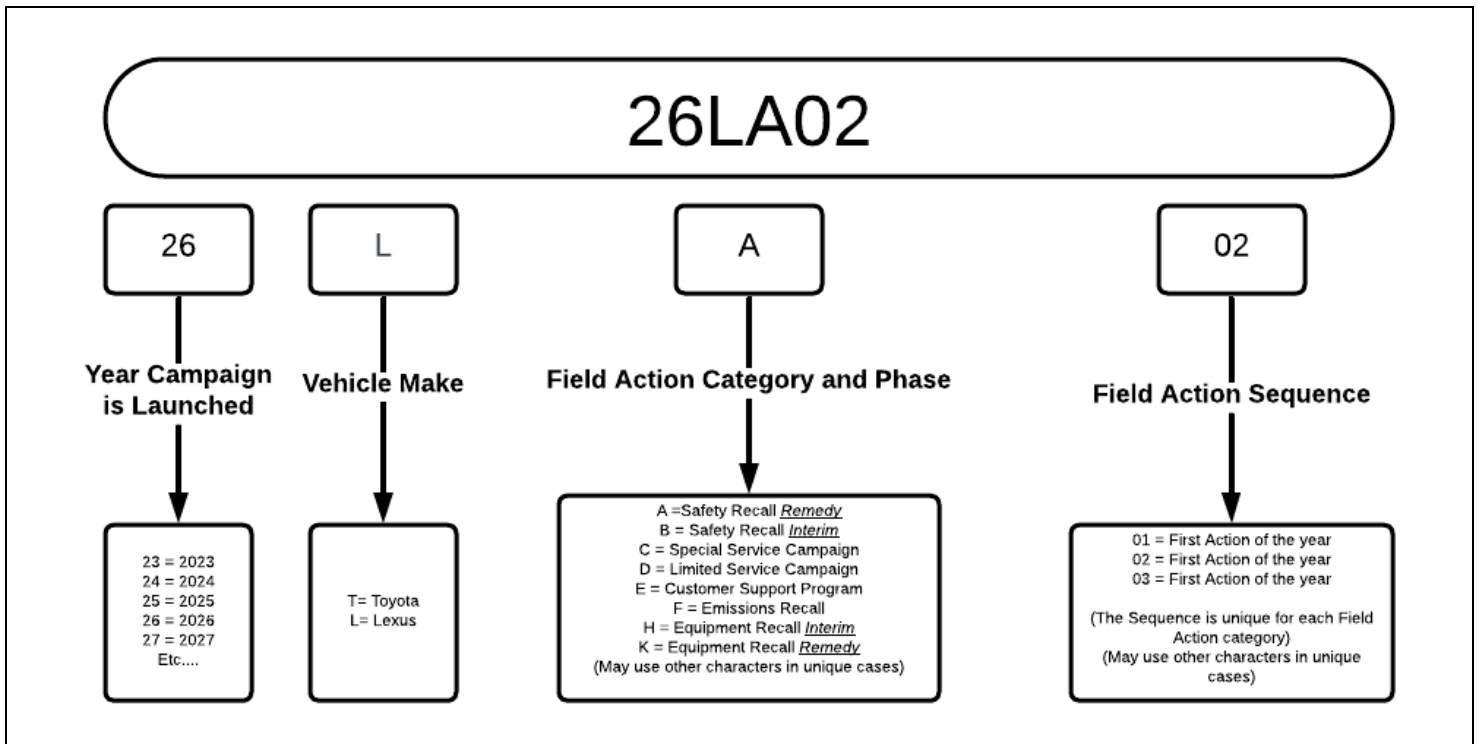
- f) Confirm Customer Health Check Report information is correct.
- g) Print Customer Health Check Report from TIS.
- h) Sign and provide to the guest.

◀ VERIFY REPAIR QUALITY ▶

- Confirm the reflash completes successfully.
- Confirm Rear Camera Display is visible when shifting into reverse.
- Confirm there are no DTCs after the Final Calibration update.
- If you have any questions regarding this update, please contact your area representative.

X. APPENDIX

A. CAMPAIGN DESIGNATION DECODER



Examples:

20LA01 = Launched in 2020, Lexus, Safety Recall Remedy Phase, 1st Safety Recall Launched in 2020

21LC02 = Launched in 2021, Special Service Campaign, 2nd Special Service Campaign Launched in 2021

22LE05 = Launched in 2022, Customer Support Program, 5th Customer Support Program Launched in 2022