

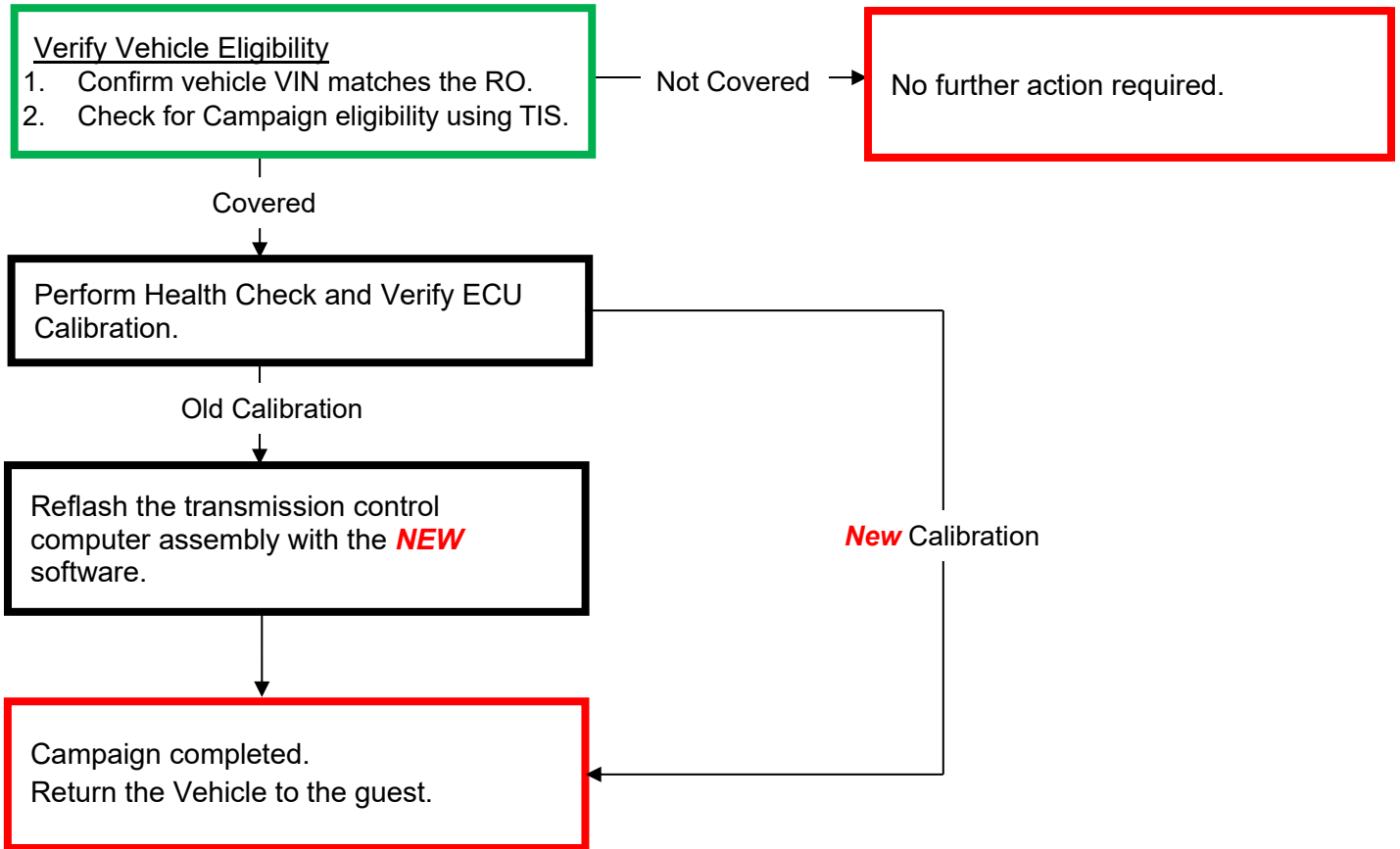
**TECHNICAL INSTRUCTIONS**  
**FOR**  
**SAFETY RECALL 26LA01**  
**REPROGRAMMING FOR**  
**TRANSMISSION CONTROL COMPUTER ASSEMBLY**  
  
**CERTAIN 2025 – 2026 LX 600 VEHICLES**

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 have completed the following course:

- LIC206A - Electrical Repair 1

It is the dealership’s responsibility to select technicians with the above course completion 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



## II. IDENTIFICATION OF AFFECTED VEHICLES

### 1. CHECK VEHICLE FOR CAMPAIGN ELIGIBILITY

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

#### NOTICE:

**TMNA 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

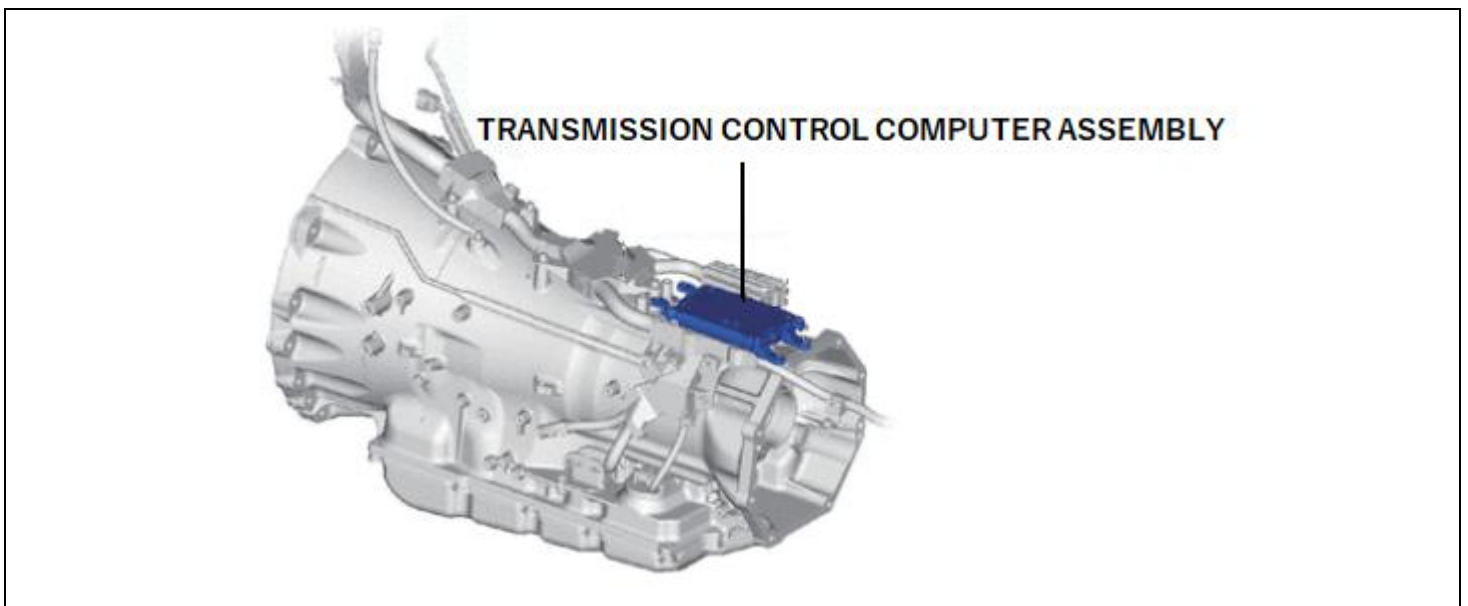
- L-SB-0001-18 Rev. 2
- DCA-8000 Battery Diagnostic Station
- GTS+

## IV. WORK PROCEDURE TABLE OF CONTENTS

BACKGROUND .....	SECTION V.
SAFETY PRECAUTIONS .....	SECTION VI.
TRANSMISSION SYSTEM CALIBRATION ID VERIFICATION .....	SECTION VII.
VEHICLE PREPERATION .....	SECTION VIII.
UPDATE CALIBRATION .....	SECTION IX.
COMPLETE REPAIR .....	SECTION X.
APPENDIX .....	SECTION XI.

## V. BACKGROUND

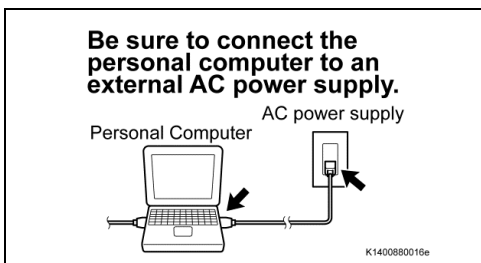
A software issue can allow the transmission to damage itself under certain conditions. This can lead to loss of motive power while driving at higher speeds, which can increase the risk of a crash. It can also lead to a transmission fluid leak that can increase the risk of vehicle fire in the presence of an ignition source.



## VI. SAFETY 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.



- 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.



K1400880008a

- 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.

**DO NOT** block the ventilation opening.



S220700139019aS

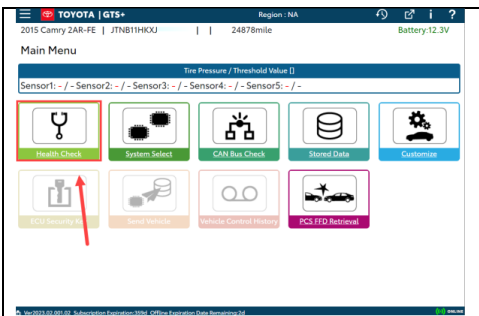
- c) **DO NOT** block the ventilation opening for the cooling fan of the personal computer.

**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.

## VII. TRANSMISSION SYSTEM CALIBRATION ID VERIFICATION



### 1. CHECK FOR DTC'S

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

**HINT:**

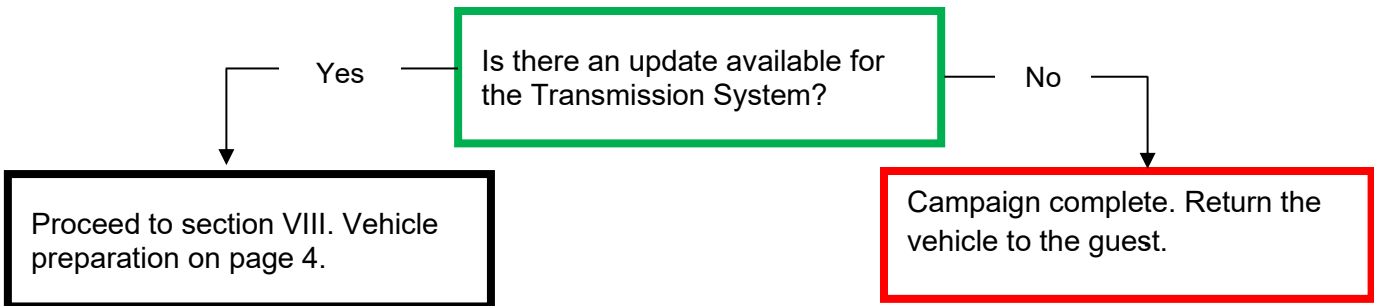
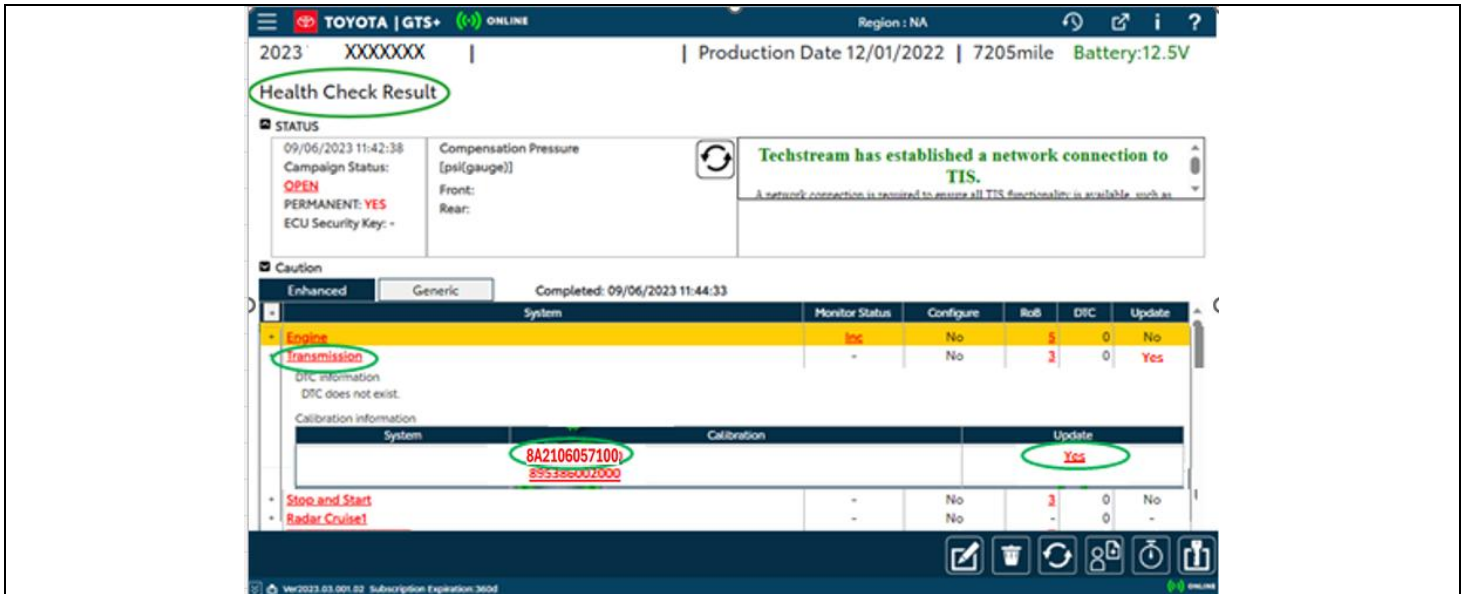
This Campaign covers only the software update to the Transmission System, as detailed in these instructions. It does not cover the diagnosis or replacement of any other systems on the vehicle.

### 2. CHECK CURRENT CALIBRATION ID

- a) Locate the "Update" column of the "Calibration Information" for the Transmission system on the "Health Check Result" screen.
- b) Check if an update is available. It will be shown as YES or NO.

**HINT:**

If the CIDs indicate 'Yes', proceed with the update procedure.



**◀ CRITICAL MESSAGE ▶**

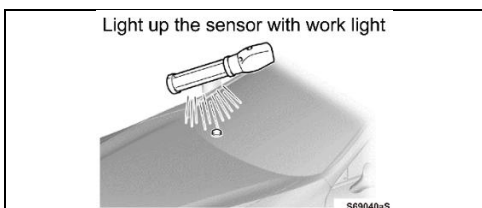
It is critical that L-SB-0001-18 Rev. 2 in addition to the Technical Instructions for this Recall [or LSC/CSC] are followed. This TSB outlines all steps necessary to prevent reprogramming failure. Toyota will not provide reimbursement coverage for reprogramming failures if this TSB is not followed. If you have a reprogramming failure that requires TRANSMISSION CONTROL COMPUTER ASSEMBLY replacement and the Technical Instructions and TSB 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.

## VIII. 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

- Connect the DCA-8000 or other type of a power supply (not a battery charger) to the 12 V battery.
- 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. If not using the DCA 8000 power supply should always be controlled by voltage and not by amperage. If you control amperage with charger there is a risk voltage will exceed ECU capability and cause damage.**

### 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

- 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 power outlet.
  - 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 power outlet during this procedure.**

### NOTICE:

**If the GTS+ communication with the vehicle fails during the re-flash procedure, the Transmission Control Computer Assembly will be damaged.**

## IX. UPDATE CALIBRATION

### 1. CONFIRM THE CALIBRATION ID

- Confirm the current calibration ID in the Transmission System.

The screenshot displays the Toyota GTS+ software interface. At the top, it shows 'TOYOTA | GTS+ | ONLINE' and 'Region: NA'. Below this, vehicle information is displayed: '2023 XXXXXXXX | Production Date 12/01/2022 | 7205mile Battery:12.5V'. A 'Health Check Result' section is circled in green. The main interface shows a 'Caution' section with a table of systems. The 'Transmission' system is highlighted in yellow and circled in green. Below the table, the 'Calibration information' section shows the current calibration ID '8A2106057100' circled in green. The 'Update' column for the Transmission system shows 'Yes' circled in green.

System	Monitor Status	Configure	Roll	DTC	Update
Engine	Inc	No	5	0	No
Transmission	-	No	3	0	Yes
Stop and Start	-	No	3	0	No
Radar Cruise1	-	No	-	0	-

Calibration information table:

System	Calibration	Update
	8A2106057100	Yes

The calibration IDs to re-flash in this campaign are as shown in the table below.

Transmission Control Computer Assembly Calibrations				
System	Vehicle Model	Current Calibration ID	New Calibration ID	File Name - Size
Transmission	LX600	8A2106057100	<b>8A2106057200</b>	L-0007-26.cuw – 758kb

**NOTICE:**

If the Transmission Control Computer Assembly has the **New CIDs**, no update is necessary.

**2. REFLASH THE TRANSMISSION ECU**

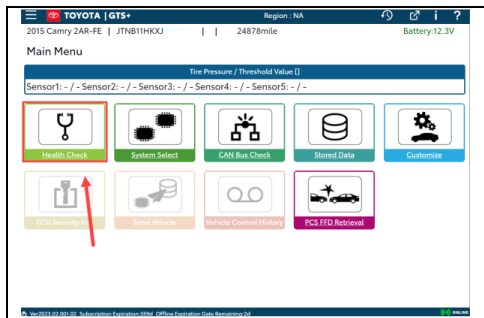
- a) Click “Yes” on the “Health Check Results” screen or follow the links on the table above to begin the reflash process.

**NOTICE:**

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

**X. COMPLETE REPAIR**

**1. DISCONNECT THE DCA-8000**



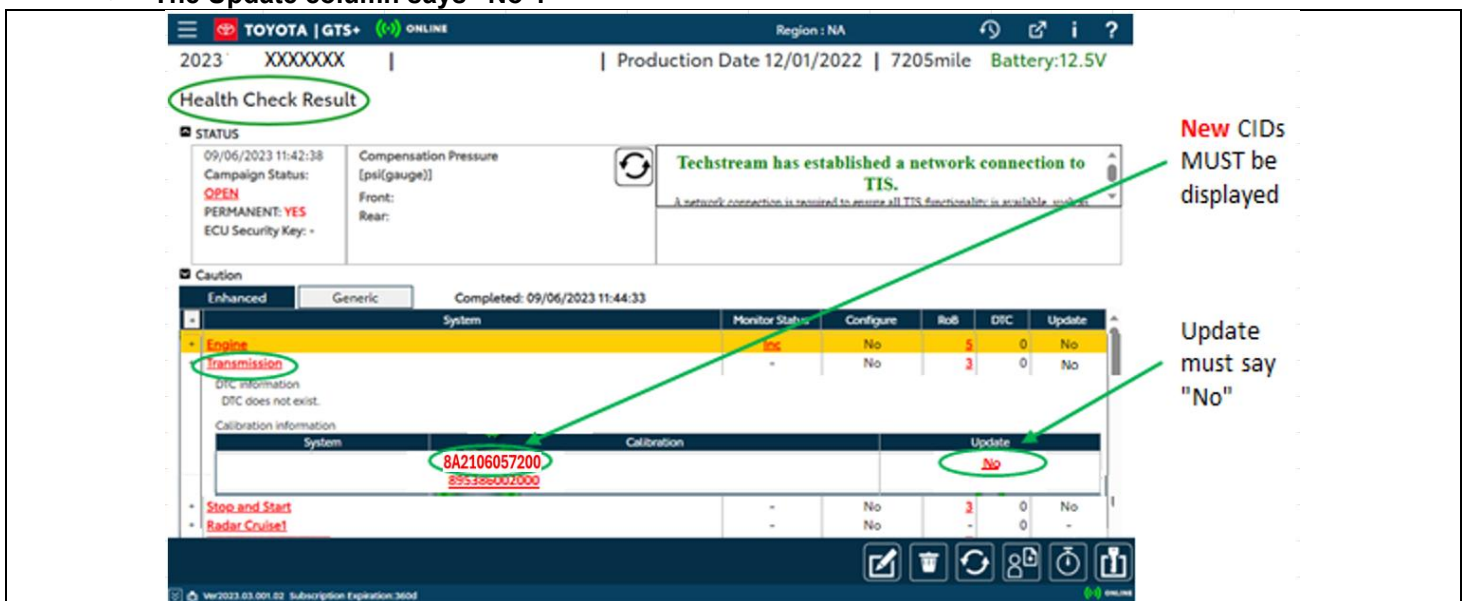
**2. PERFORM VERIFICATION HEALTH CHECK**

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

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

**3. CONFIRM CID UPDATE**

- a) On the Stored Data tab, confirm the following for the Transmission System:
  - The Calibration number has the “**New CID**” number.
  - The Update column says “**No**”.



New CIDs MUST be displayed

Update must say "No"

Critical

Confirm the CIDs has 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

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



## Diagnostic Report

### Vehicle Information

Mileage:

Repair Order:

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 customer.

### ◀ VERIFY REPAIR QUALITY ▶

- Confirm the reflash completes successfully.
- Confirm there are no DTCs after the Calibration update.
- If you have any questions regarding this update, please contact your area representative.

# XI. APPENDIX

## A. CAMPAIGN DESIGNATION DECODER

