

# ◀ IMPORTANT UPDATE ▶

*The attached Technical Instructions has been updated. Refer to the details below.*

DATE	TOPIC
4/10/2026	Separated the calibration files for the 4 file updates
4/7/2026	Added Rav4 Prime Flow chart and part#s
4/3/2026	Added new Calibration IDs chart if OTA is completed
1/29/2026	<ul style="list-style-type: none"> <li>- Relunched Phase 2</li> <li>- Changed vehicles involved in phase 2</li> <li>- Added detail regarding involved 4Runner vehicles – Combination meter replacement only – Software update is not required added to calibration chart</li> </ul>
1/14/2026	Phase 2 Launch

*The most recent update in the attached Technical Instructions will be highlighted with a red box.*

Please review this notification with your staff to assure that all relevant personnel have been briefed regarding this subject.

Thank you for your cooperation.

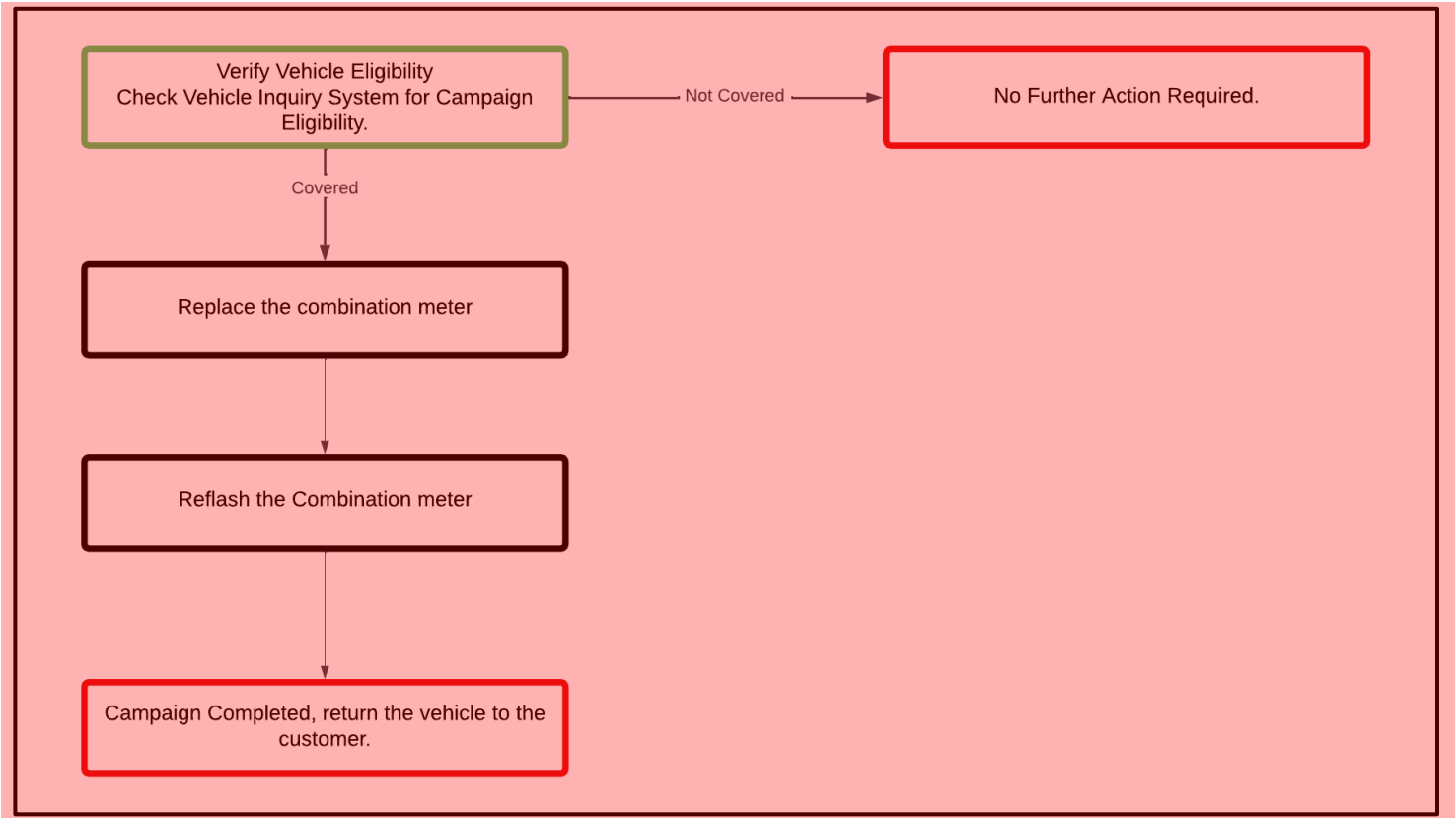
**TECHNICAL INSTRUCTIONS**  
**FOR**  
**25TA08**  
**COMBINATION METER ASSEMBLY REPLACEMENT & REFLASH**  
**CERTAIN 2021 - 2025 RAV4 PLUG-IN HYBRID Vehicles**

The repair quality of covered vehicles is extremely important to Toyota. 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 least one of the following certification levels:

**TIC206A – Electrical Repair 1**

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



## 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.

**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. PARTS (for USA)

Part Number	Part Description	Quantity	
04005-2274D-RP	Combination Meter Assembly	1	
*The kit above includes the following parts.			
Part Number	Part Description	Quantity	Remarks
83800-4AD93	Combination Meter Assembly	1	-
Part Number	Part Description	Quantity	
04005-31142-RP	Combination Meter Assembly	1	
*The kit above includes the following parts.			
Part Number	Part Description	Quantity	Remarks
83800-4AE60	Combination Meter Assembly	1	-
Part Supersession History			
Campaign Part#	Service Part #	Previous Service part #'s	
04005-2274D	83800-4AD93	83800-4AD92	
		83800-4AD93	
04005-31142-RP	83800-4AE60	83800-4AD91	
		83800-4AD90	

Combination meters must be ordered through the Digital Odometer Replacement Program using an -RP suffix

#### B. TOOLS & EQUIPMENT

- T-SB-0107-20 Rev. 2
- DCA-8000 Battery Diagnostic Station
- GTS+

#### C. MATERIALS & SUPPLIES

- Torque Wrench
- Protective Tape
- Protective Gloves

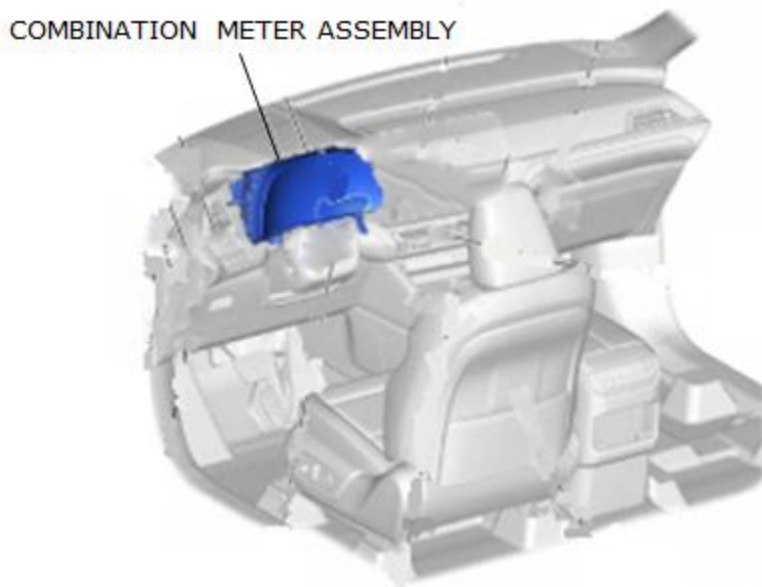
### IV. WORK PROCEDURE TABLE OF CONTENTS

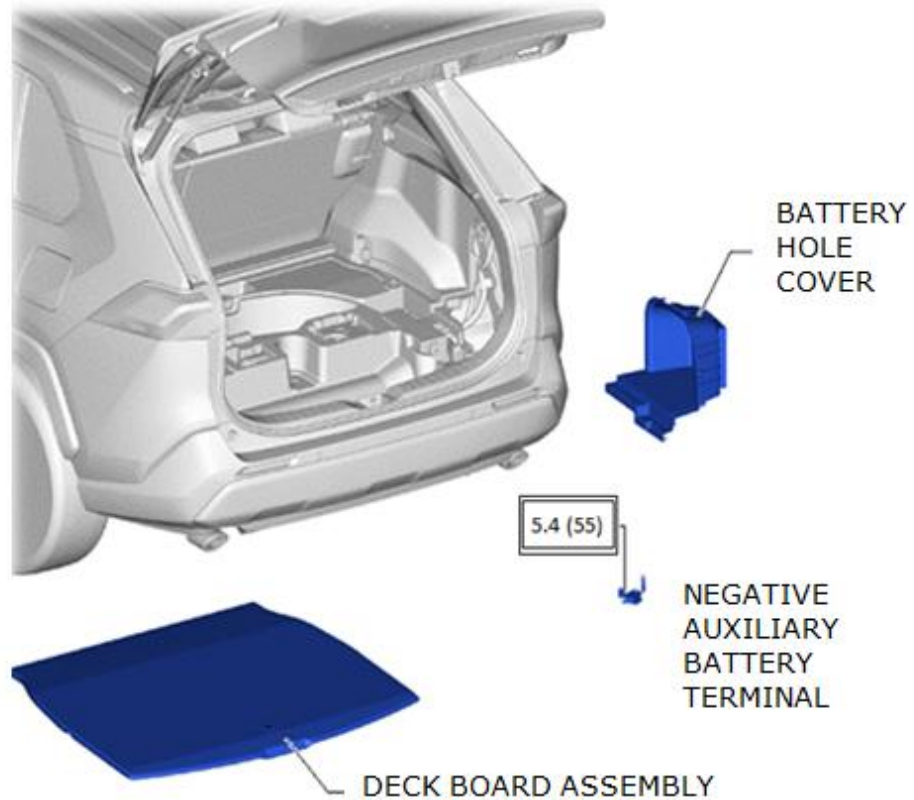
BACKGROUND .....	SECTION V.
COMPONENTS .....	SECTION VI.
REPLACE COMBINATION METER ASSEMBLY .....	SECTION VII.
COMBINATION METER SYSTEM CALIBRATION ID VERIFICATION .....	SECTION VIII.
VEHICLE PREPERATION .....	SECTION IX.
UPDATE CALIBRATION .....	SECTION X.
COMPLETE REPAIR .....	SECTION XI.
APPENDIX .....	SECTION XII.

## V. BACKGROUND

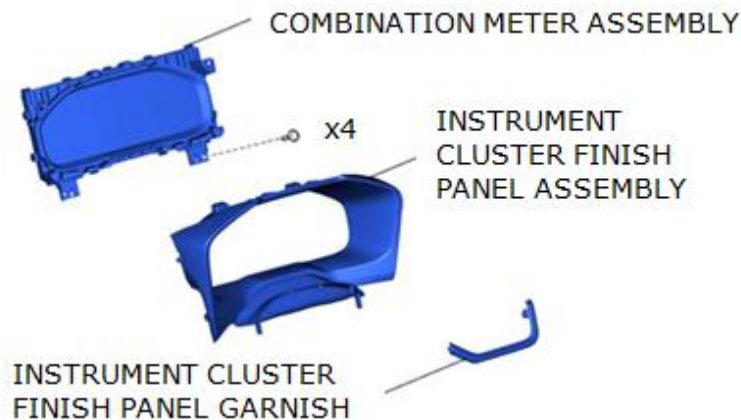
The 12.3-inch display of the instrument panel may be blank at startup. Operating the vehicle with this display blank reduces the ability to see certain malfunction indicators. If malfunctions occur while driving, continuing to drive could lead to an increased risk of a crash or an increased risk of injury in the event of a crash.

## VI. COMPONENTS





**N\*m (kgf\*cm, ft. \*lbf)** :Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping"



## VII. REPLACE COMBINATION METER

### 1. REMOVE COMBINATION METER

[Refer to TIS for instructions on Vehicle Interior / METER/GAUGE/DISPLAY / COMBINATION METER / REMOVAL](#)

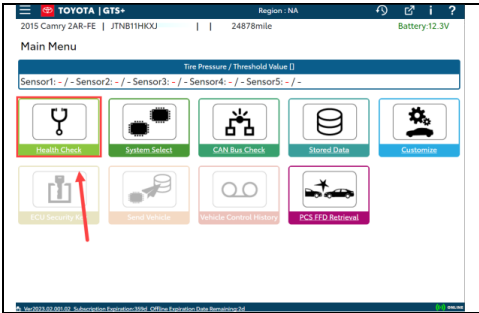
### 2. INSTALL COMBINATION METER

[Refer to TIS for instructions on Vehicle Interior / METER/GAUGE/DISPLAY / COMBINATION METER / INSTALLATION](#)

### 3. RESTORE VEHICLE

- Restore the audio and air conditioning settings.
- Restore the front seat position.

## VIII. COMBINATION METER SYSTEM CALIBRATION ID VERIFICATION



### 1. CHECK FOR DTC'S

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

#### HINT:

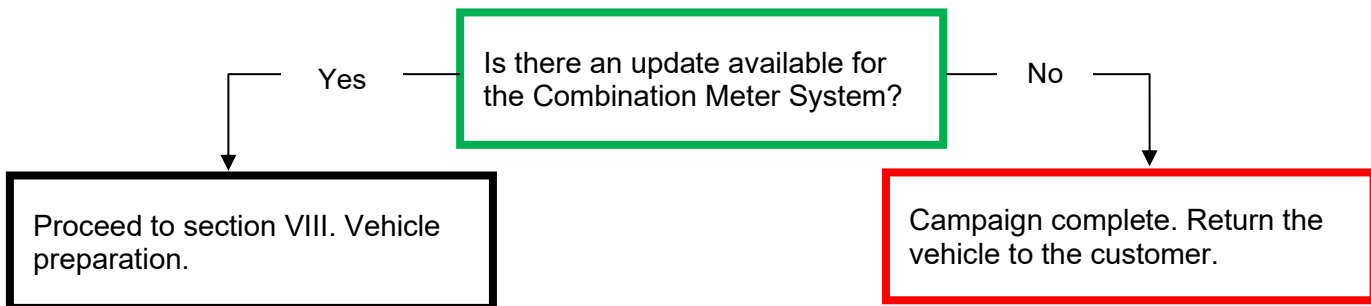
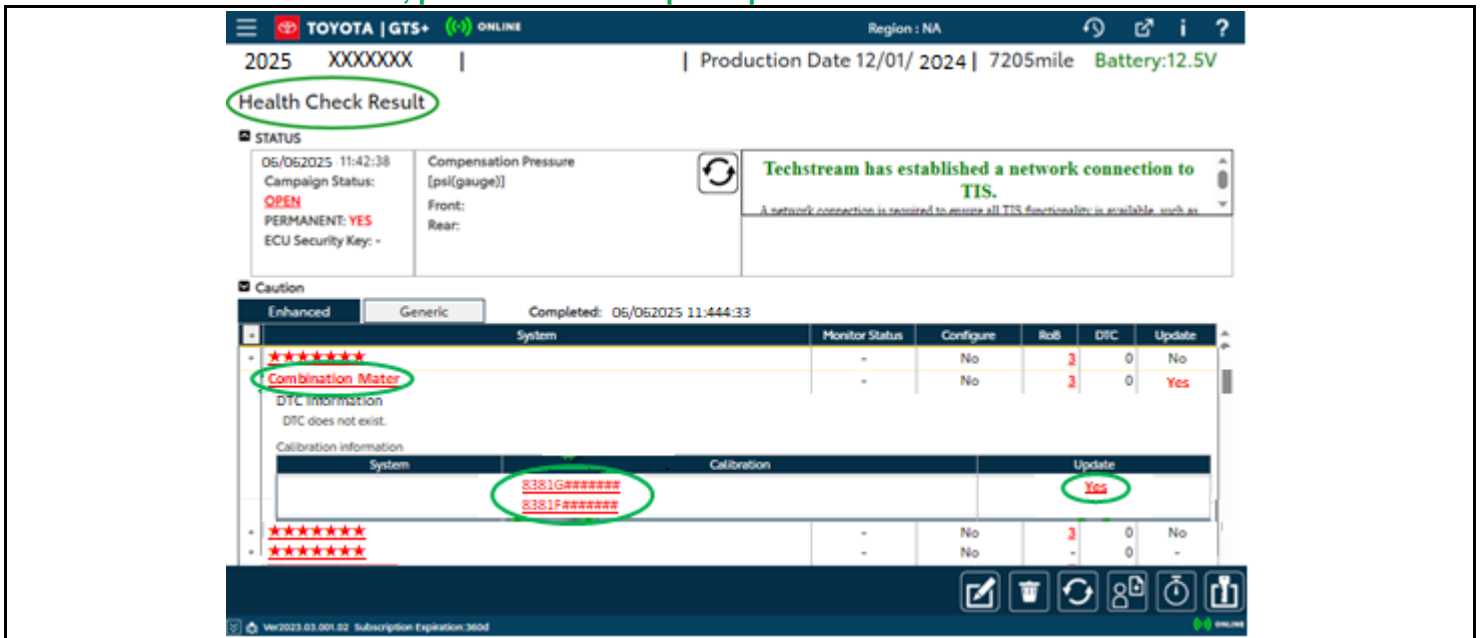
This Campaign covers only the software update to the Engine System, as detailed in these instructions. It does not cover the diagnosis or replacement of any other systems on the vehicle.

### 2. CHECK CURRENT CALIBRATION

- a) Locate the "Update" column of the "Calibration Information" for the Combination Meter system on the "Health Check Result" screen.
- b) Determine the status of an available update; indicated by a YES or NO.

#### HINT:

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



### ◀ CRITICAL MESSAGE ▶

It is critical that T-SB-0107-20 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 COMBINATION METER ASSEMBLY replacement and the Technical Instructions and TSB were followed correctly, please create a case

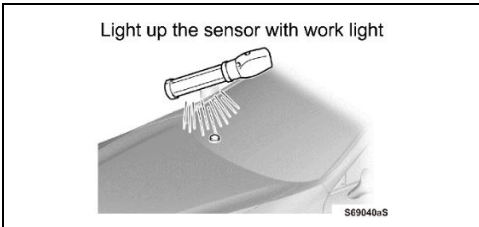
with the Technical Assistance Hotline documenting all information related to the failure. If sufficient reporting is received related to re-flash failure, there will be consideration for reimbursement.

## IX. VEHICLE PREPARATION

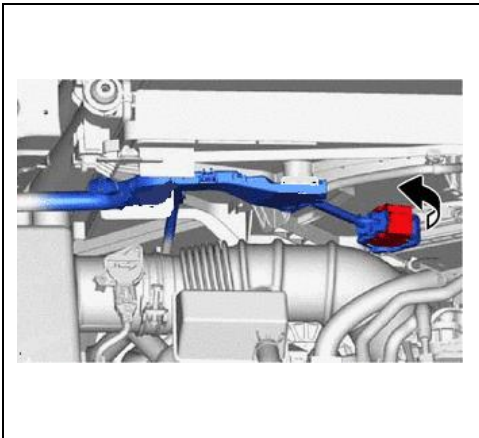
### 1. VEHICLE PREPARATION

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.
- Windshield wiper switch in the OFF position.



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



### 2. STOP THE OPERATION OF THE COOLING FAN

- a) Disconnect the connector from the cooling fan.
- i. Rotate the lever while pushing the lock, and disconnect the cooling fan motor connector.

#### NOTICE:

After disconnecting the cooling fan motor connector, make sure that the dirt, water or other foreign matter does not contact the connecting parts of the cooling fan motor connector.



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.

### 3. 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 12V battery.
- b) Select the Power Supply Mode from the Main Menu of the DCA-8000.

Critical

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 12V battery terminals and **NOT** the remote jump posts under the hood (if equipped).

### 4. 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 120V source.
- The DLCIII cable is in good condition.

Critical

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

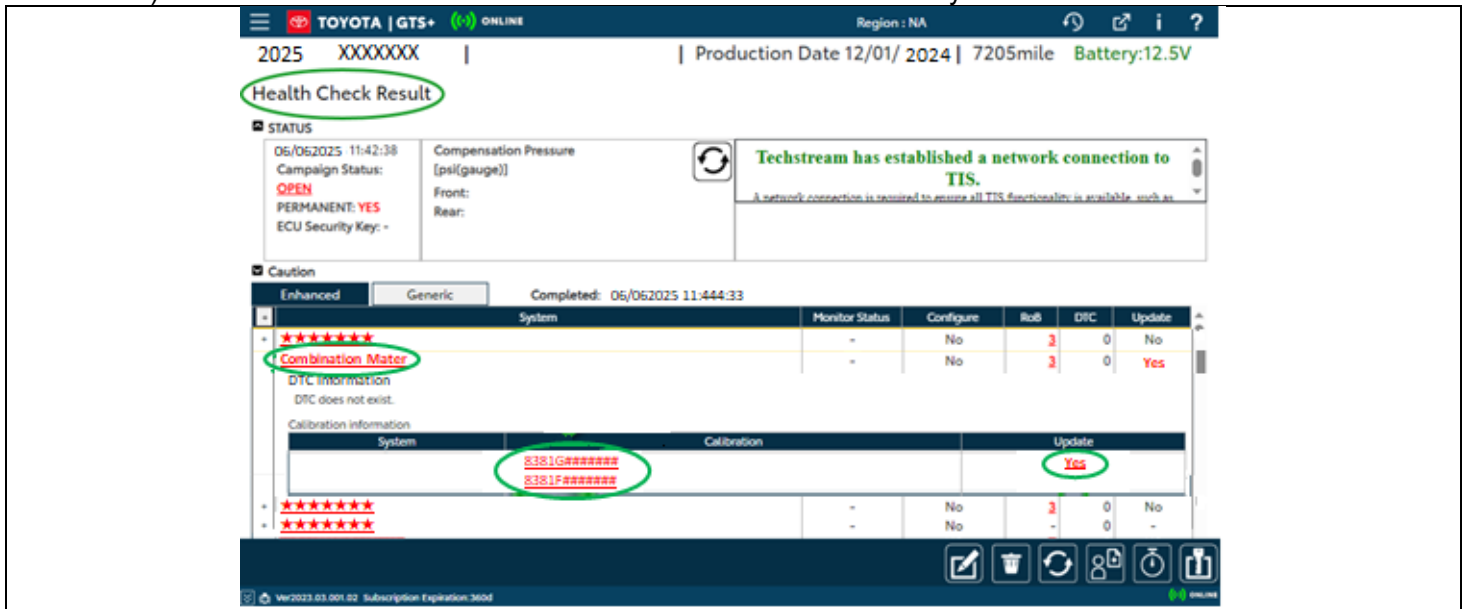
#### NOTICE:

If the GTS+ communication with the vehicle fails during the re-flash procedure, the Combination Meter Assembly will be damaged.

# X. UPDATE CALIBRATION

## 1. CONFIRM THE CALIBRATION ID FOR THE COMBINATION METER SYSTEM

a) Confirm the current calibration ID in the Combination Meter System.



Combination Meter System Calibrations		
Model	Current Calibration ID	<b>New</b> Calibration ID
<p>RAV4 PRIME  <b>ALL 4 CUW FILES MUST BE COMPLETED IN SEQUENTIAL ORDER 1-4</b></p>	<p>CID-1: 838004AD910E            CID-2: 838000RE8308</p>	<p>CID-1: 838004AD910E  <b>CID-2: 838000RE830D_1</b></p>
		<p>CID-1: 838004AD910E  <b>CID-2: 838000RE830D_2</b></p>
		<p>CID-1: 838004AD910E  <b>CID-2: 838000RE830D_3</b></p>
		<p>CID-1: 838004AD910E  <b>CID-2: 838000RE830D_4</b></p>

<p>RAV4 PRIME  <b>ALL 4 CUW FILES MUST BE COMPLETED IN SEQUENTIAL ORDER 1-4</b></p>	<p>CID-1: 838004AD9110  CID-2: 838000RE830<u>A</u></p>	<p>CID-1: 838004AD9110  <b>CID-2: 838000RE830E_1</b></p>
		<p>CID-1: 838004AD9110  <b>CID-2: 838000RE830E_2</b></p>
		<p>CID-1: 838004AD9110  <b>CID-2: 838000RE830E_3</b></p>
		<p>CID-1: 838004AD9110  <b>CID-2: 838000RE830E_4</b></p>
<p>RAV4 PRIME  <b>ALL 4 CUW FILES MUST BE COMPLETED IN SEQUENTIAL ORDER 1-4</b></p>	<p>CID-1: 838004AD9111  CID-2: 838000RE830<u>A</u></p>	<p>CID-1: 838004AD9111  <b>CID-2: 838000RE830E_1</b></p>
		<p>CID-1: 838004AD9111  <b>CID-2: 838000RE830E_2</b></p>
		<p>CID-1: 838004AD9111  <b>CID-2: 838000RE830E_3</b></p>
		<p>CID-1: 838004AD9111  <b>CID-2: 838000RE830E_4</b></p>

<p>RAV4 PRIME  <b>ALL 4 CUW FILES MUST BE COMPLETED IN SEQUENTIAL ORDER 1-4</b></p>	<p>CID-1: 838004AD9112  CID-2: 838000RE830<u>C</u></p>	<p>CID-1: 838004AD9112  <b>CID-2: 838000RE830F_1</b></p>
		<p>CID-1: 838004AD9112  <b>CID-2: 838000RE830F_2</b></p>
		<p>CID-1: 838004AD9112  <b>CID-2: 838000RE830F_3</b></p>
		<p>CID-1: 838004AD9112  <b>CID-2: 838000RE830F_4</b></p>

**NOTICE:**

If the **Combination Meter** has the **New CIDs**, no update is necessary.

**2. REFLASH THE COMBINATION METER**

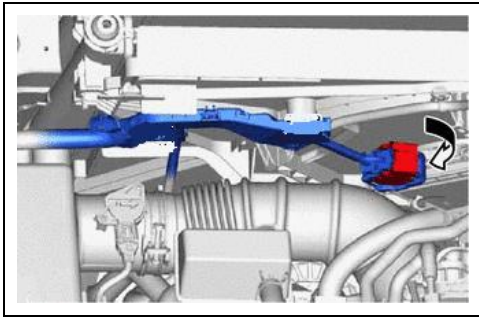
- a) Click “yes” on the “Health Check Results” screen, or follow the links on the table above to begin the reflash process.

**NOTICE:**

- **Reflash failure should be extremely rare and can be avoided by following all instructions and reprogramming best practices.**
- **There are four files for the reprogramming software. Be sure to execute all four files.**

**XI. COMPLETE REPAIR**

**1. DISCONNECT THE DCA-8000**



## 2. RECONNECT COOLING FAN WIRE CONNECTOR

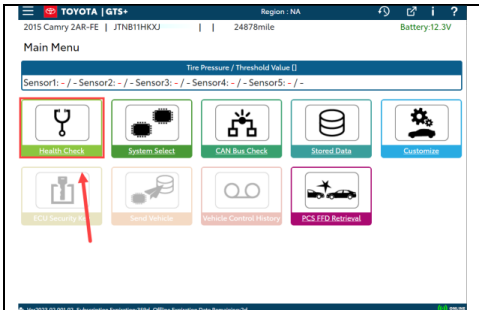
- a) Connect the cooling fan motor connector and lock it with lever.

### NOTICE:

- When connecting the connectors, make sure that dirt, water or other foreign mater does not become stuck between the connectors and other parts.
- Make sure that the lever is securely locked.

## 3. CHECK THE OPERATION OF THE ELECTRIC FAN

- a) Turn the READY ON.
- b) Turn the air conditioner ON to check if the electric fan operation.



## 4. PERFORM VERIFICATION HEALTH CHECK

- a) Using a GTS+, perform a Health Check.
- 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.**

## 5. CONFIRM CID UPDATE

- a) On the Stored Data tab, confirm the following for the Combination Meter System:
  - The Calibration number has the "**NEW CID**" number.
  - The Update column says "**No**".

**Health Check Result**

05/06/2025 11:42:38  
 Campaign Status: **OPEN**  
 PERMANENT: **YES**  
 ECU Security Key: -

Compensation Pressure [psi(gauge)]  
 Front:  
 Rear:

Techstream has established a network connection to TIS.  
 A network connection is required to ensure all TIS functionality is available. Such as...

**New CIDs MUST be displayed**

System	Monitor Status	Configure	Both	DTC	Update
***** Combination Meter	-	No	3	0	No
DTC Information DTC does not exist.					
Calibration information					
System	Calibration	Update			
***** *****	S3310***** S331F*****	No			
***** *****	-	No	3	0	No
***** *****	-	No	-	0	-

**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 11.**



**Customer  
Health Check  
Report Button**

## 6. 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: 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

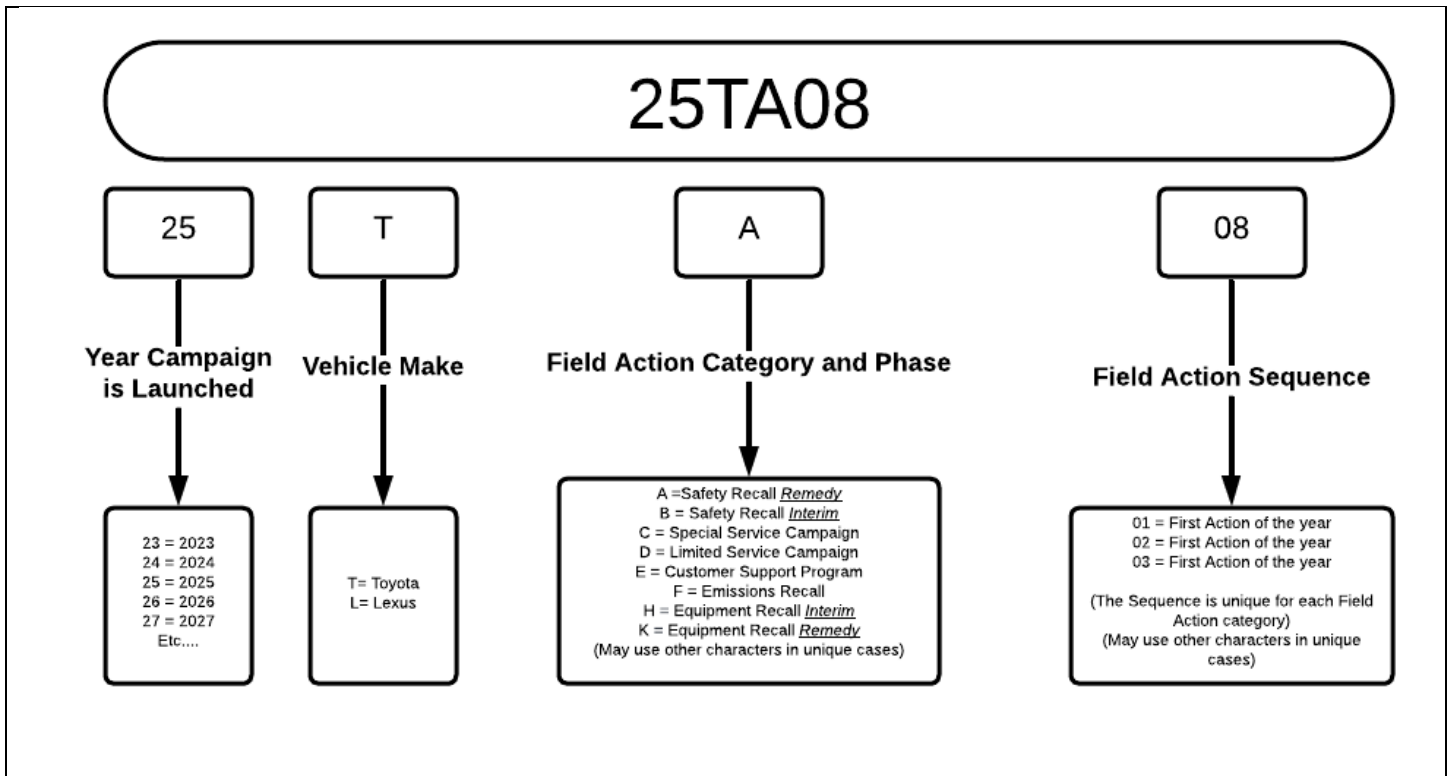
- f) Confirm Customer Health Check Report information is correct.
- g) Print Customer Health Check Report from TIS.
- h) Sign and provide to the customer.

### ◀ VERIFY REPAIR QUALITY ▶

- Confirm the no DTCs after the combination meter replacement.
- Confirm combination meter works as intended.
- If you have any questions regarding this update, please contact your area representative.

## XII. APPENDIX

### A. CAMPAIGN DESIGNATION DECODER



**Examples:**

19TA01 = Launched in 2019, Toyota, Safety Recall Remedy Phase, 1st Safety Recall Launched in 2019

20TC02 = Launched in 2020, Special Service Campaign, 2nd Special Service Campaign Launched in 2020

21TE05 = Launched in 2021, Customer Support Program, 5th Customer Support Program Launched in 2021