

TECHNICAL INSTRUCTIONS
FOR
SAFETY RECALL 26TA10
COMBINATION METER SOFTWARE UPDATE

CERTAIN
2024 – 2025 LAND CRUISER VEHICLES
2024 MIRAI VEHICLES

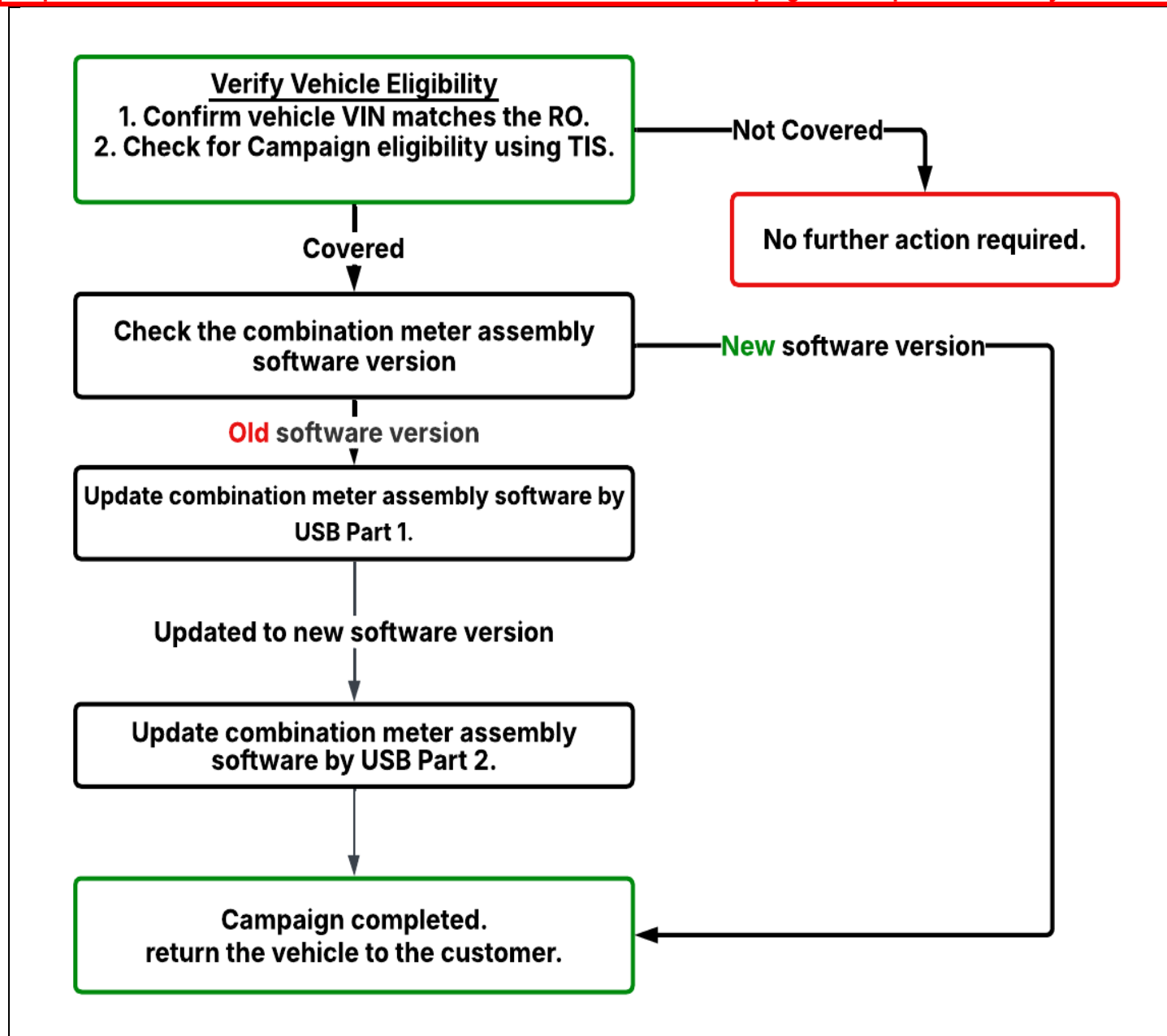
The repair quality of covered vehicles is extremely important to Toyota. All dealership technicians performing this recall are required to successfully complete the most current version of the E-learning course “Safety Recall and Service Campaign Essentials”. To ensure that all vehicles have the repair performed correctly; technicians performing this repair are required to currently have completed all of the following courses:

- TIC206A – Electrical Repair 1

It is the dealership’s responsibility to select technicians that have completed the above courses to perform this 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

- 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:

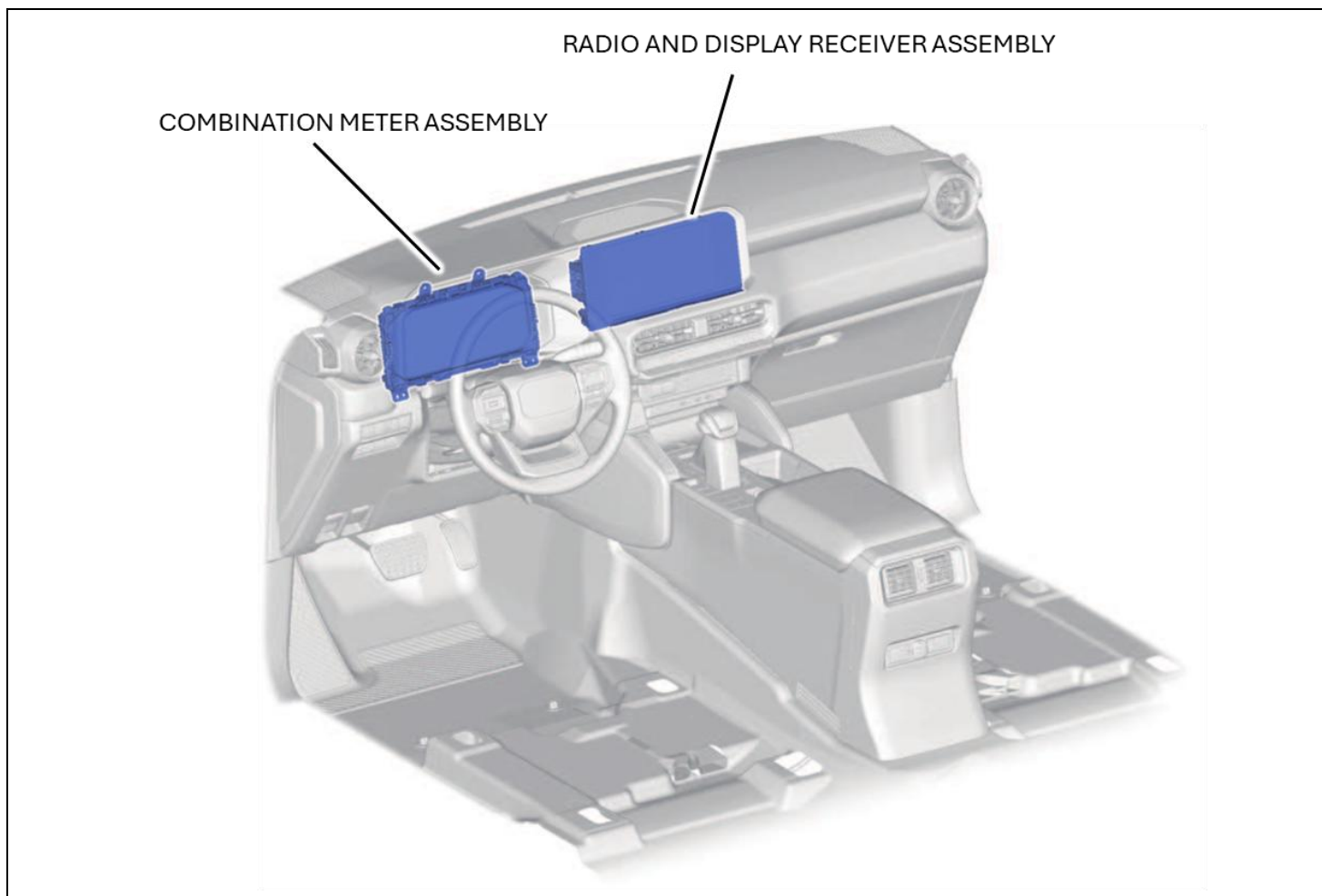
TMNA warranty will not reimburse dealers for repairs completed on vehicles that are not affected or were previously completed, even by another dealer.

III. PREPARATION

A. TOOLS & EQUIPMENT

- 32GB USB Memory Stick formatted to FAT32
(Type A / Type C)
- Conversion adapter
(USB Type A to Type C)
(USB Type C to Type A)
- GTS+

IV. BACKGROUND

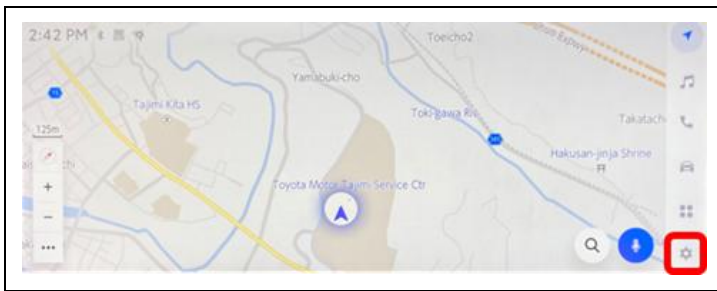


V. UPDATE SOFTWARE OF COMBINATION METER ASSEMBLY

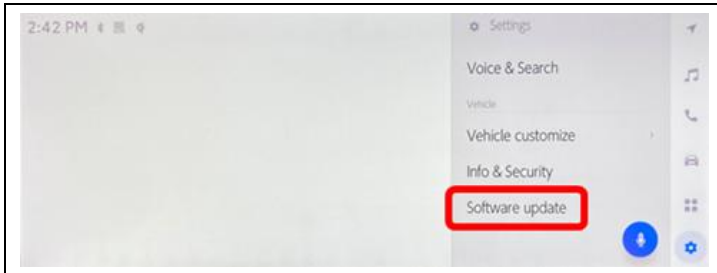
1. CHECK VEHICLE INFORMATION (SOFTWARE VERSION) PART 1

HINT:

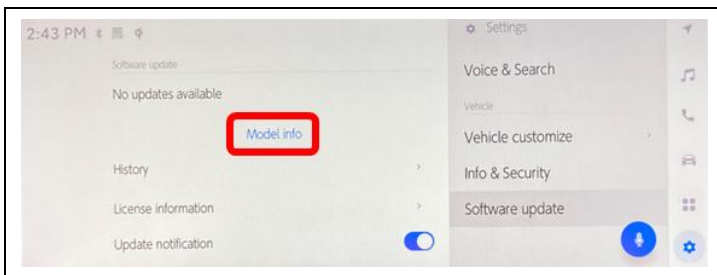
The screen of the illustration is the representative example.



- a) Connect exhaust ventilation hose to vehicle tailpipe.
- b) Engage parking brake.
- c) Engine start or READY ON.
- d) Tap the "setting" icon on the menu screen to display the "Settings" screen.



- e) Scroll the "Settings" screen to the bottom and tap the "Software update".



- f) Tap the "Model info" and check the software version information.



- g) Scroll down the screen and check the "MET" or "MT" items.
- h) Refer to the table below to see if the displayed software version is one that needs to be updated.
- i) Tap the "X" button to close the screen.

Model	Item	SCOMO ID	Software Versions	
			Update Target	Non-update Target
LAND CRUISER	MET or MT	23TZZZZH120DMT0000	1002	1006
		23TZZZZH120DMT0000	1004	1005
MIRAI	MET or MT	23TZZZZH245DMT0000	1001	1004
		23TZZZZH245DMT0000	1002	1003

- j) Ignition switch off.

2. DOWNLOAD THE SOFTWARE UPDATE DATA TO USB MEMORY PART 1

- a) Download the software update data and store it in the root folder of a USB memory stick.

Model	Version	File Name	Size
LAND CRUISER	1002	rb_update_23TZZZZH120DMT0000_01006.zip	19.7MB
	1004	rb_update_23TZZZZH120DMT0000_01005.zip	19.7MB
MIRAI	1001	rb_update_23TZZZZH245DMT0000_01004.zip	19.7MB
	1002	rb_update_23TZZZZH245DMT0000_01003.zip	19.7MB

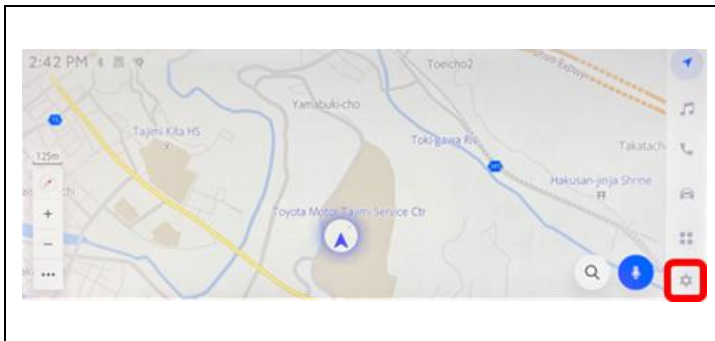
NOTICE:

- The USB memory stick must be formatted as FAT32 only.
- Prepare a USB memory stick with free space of at least 16 GB.
- The maximum capacity of a USB memory stick is 32 GB because the vehicle may not recognize it if it exceeds that capacity.
- If multiple update files are stored on the USB memory, the update may not start, store only 1 update file on the USB memory at a time.
- When you download the software, **DO NOT** change the filename and filename extension.

3. UPDATE SOFTWARE PART 1

HINT:

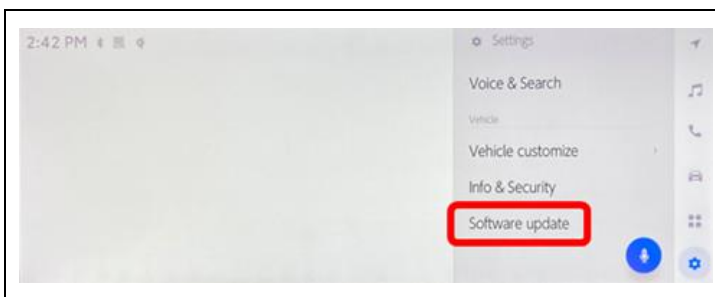
The screen of the illustration is the representative example.



- a) Engage parking brake.
b) Engine start or READY ON.
c) Close all doors.
d) Tap the “setting” icon on the menu screen to display the “Settings” screen.

HINT:

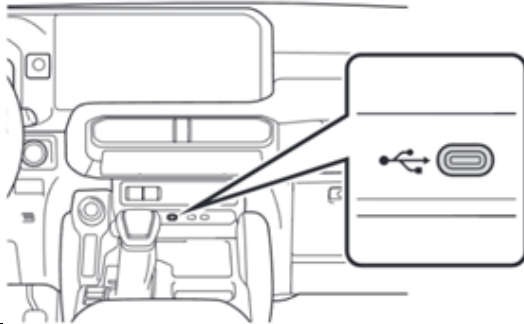
When “Communication stopped” displayed, tap the “OK”.



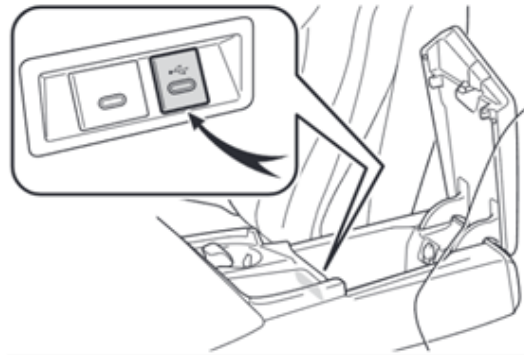
- e) Scroll the “Settings” screen to the bottom and tap the “Software update”.

- f) Insert the USB memory stick containing the update data into the No. 1 stereo jack adapter assembly.

LAND CRUISER



MIRAI

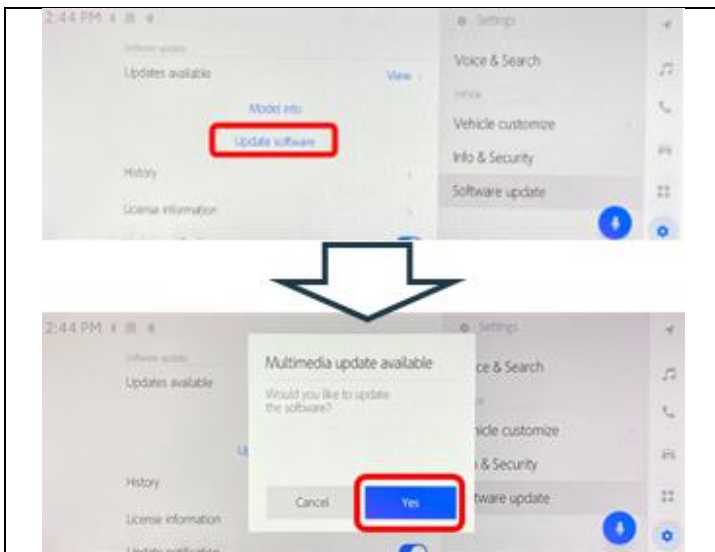
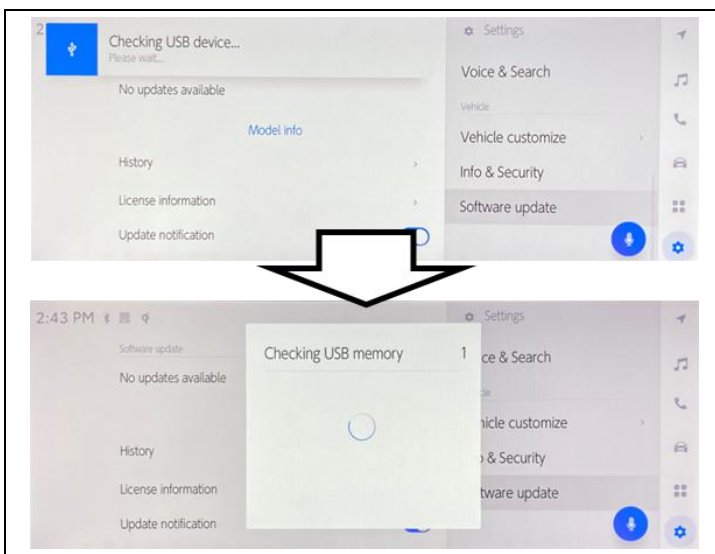


Critical

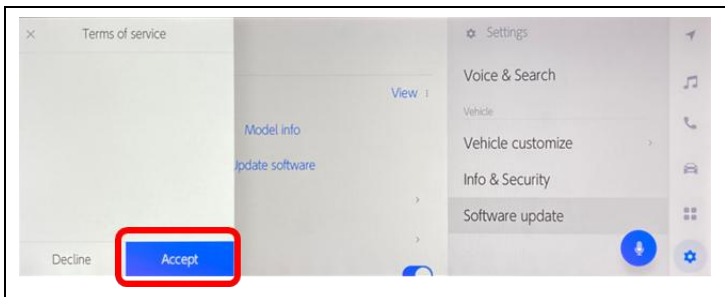
It may take several minutes to detect the update data. Don't remove USB until software is detected.

HINT:

- Until data is detected in USB memory, the "Checking USB device" is displayed. (Depending on the Software version of head unit, this notification might not be displayed.)



- Wait for about 3 minutes until the "Update software" button appears, then tap the "Update software" button.
- "Multimedia update available" screen appears, then tap the "Yes" button.



- i) "Terms of service" screen is displayed, tap the "Accept".

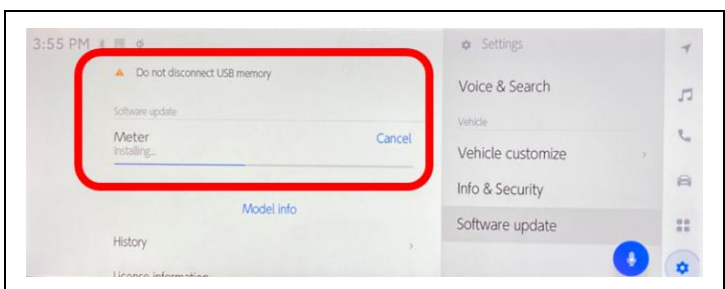
HINT:

The content on the "Update Available" and "Terms of Service" screens is not displayed correctly during USB reprogramming. However, please continue with the procedure.

HINT:

If the "Update software" button is not displayed on the software update screen, perform the following.

- Select "View" on the software update screen.
- "Multimedia update available" screen is displayed, select "OK".
- "Terms of service" screen is displayed, select "Accept".



- j) The software update starts, and the progress is displayed.

NOTICE:

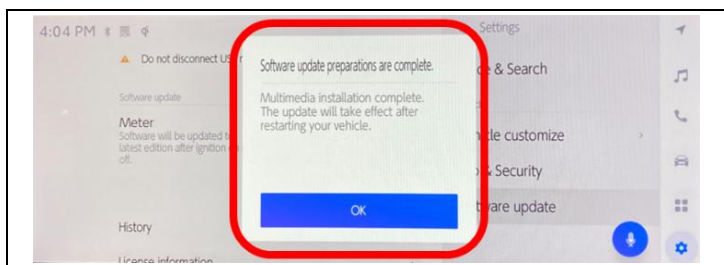
- **DO NOT** remove the USB memory stick until the software update is completed.
- Update the software with the engine or hybrid system started and the parking brake operated.
- **DO NOT** operate the multi-display or the vehicle while updating software, as the following could occur.
 - The software update is suspended or canceled.
 - Multi-display response becomes noticeably worse.

HINT:

Software update time is approximately 3 minutes.

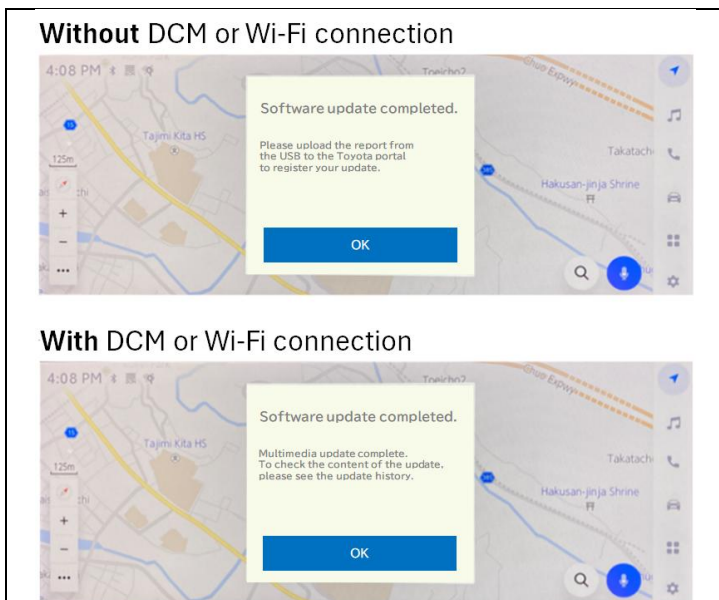
Critical

Wait 10 seconds after this message appears on the screen, then turn off the ignition switch. Otherwise, the version will not be updated.



- k) After the installation is complete, the "Software update preparations are complete." screen will display. Tap the "OK" and turn off the ignition switch, then open the driver's door.
- l) Close the driver's door and start the engine or READY ON.

m) Check that the "Software update completed" notification is displayed in about 1 minute.



HINT:

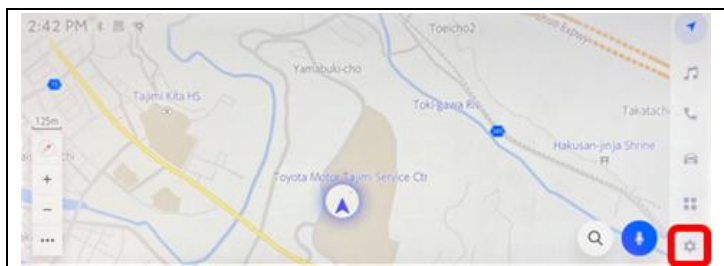
- Without DCM or Wi-Fi connection: Tap the "OK" and upload the update complete report to the dedicated portal.
- With DCM or Wi-Fi connection: Tap the "OK" and confirm that the software version changes.

n) Ignition switch off.

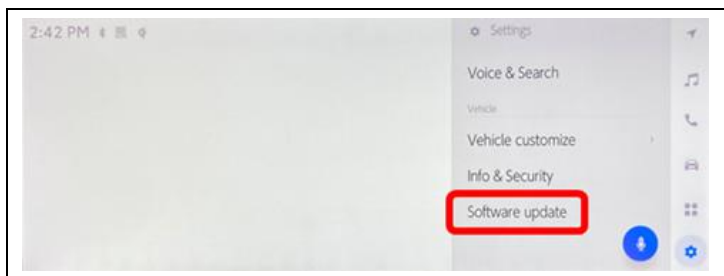
4. CHECK SOFTWARE VERSION PART 1

HINT:

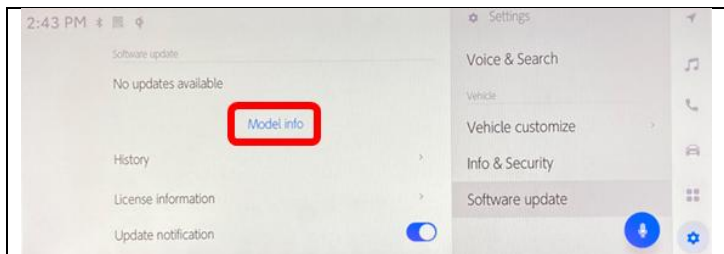
The screen of the illustration is the representative example.



- a) Engine start or READY ON.
- b) Tap the "setting" icon on the menu screen to display the "Settings" screen.



- c) Scroll the "Settings" screen to the bottom and tap the "Software update".



- d) Tap the "Model info" and check the software version information.



- e) Scroll down the screen and check the "MET" or "MT" items.
f) Refer to the table below to determine confirm that the software version has been updated.
g) Tap the "X" button to close the screen.

Model	Item	SCOMO ID	Software Versions	
			Previous	NEW
LAND CRUISER	MET or MT	23TZZZZH120DMT0000	1002	1006
		23TZZZZH120DMT0000	1004	1005
MIRAI	MET or MT	23TZZZZH245DMT0000	1001	1004
		23TZZZZH245DMT0000	1002	1003

- h) Turn the ignition off and remove the USB drive.

5. DOWNLOAD THE SOFTWARE UPDATE DATA TO USB MEMORY PART 2

- a) Download the software update data and store it in the root folder of a USB memory stick.

Model	Version	File Name	Size
LAND CRUISER	1005	rb_update_23TZZZZH 120 DMT0000_03001.zip	21.6MB
	1006		
MIRAI	1003	rb_update_23TZZZZH 245 DMT0000_03001.zip	21.6MB
	1004		

NOTICE:

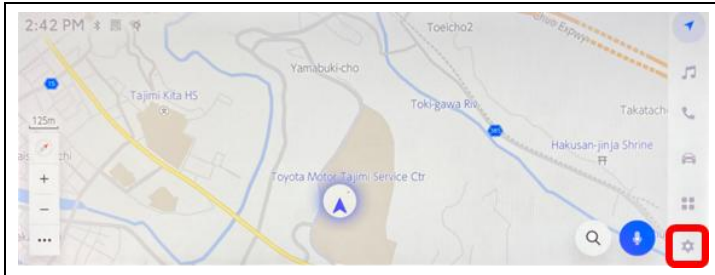
- The USB memory stick must be formatted as FAT32 only.
- Prepare a USB memory stick with free space of at least 16 GB.
- The maximum capacity of a USB memory stick is 32 GB because the vehicle may not recognize it if it exceeds that capacity.

- If multiple update files are stored on the USB memory, the update may not start, store only 1 update file on the USB memory at a time.
- When you download the software, **DO NOT** change the filename and filename extension.

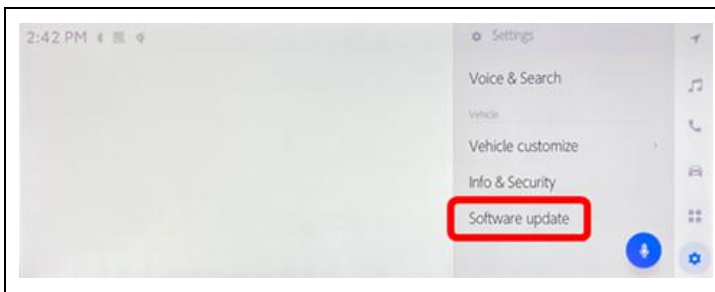
6. UPDATE SOFTWARE PART 2

HINT:

The screen of the illustration is the representative example.

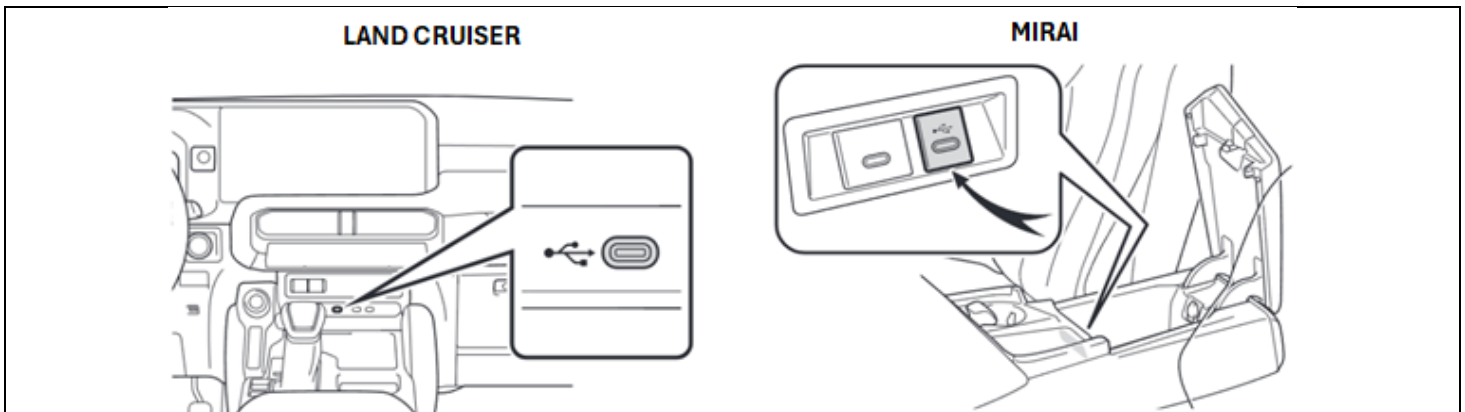


- Engage parking brake.
- Engine start or READY ON.
- Close all doors.
- Tap the “setting” icon on the menu screen to display the “Settings” screen.



- Scroll the “Settings” screen to the bottom and tap the “Software update”.

- Insert the USB memory stick containing the update data into the No. 1 stereo jack adapter assembly.

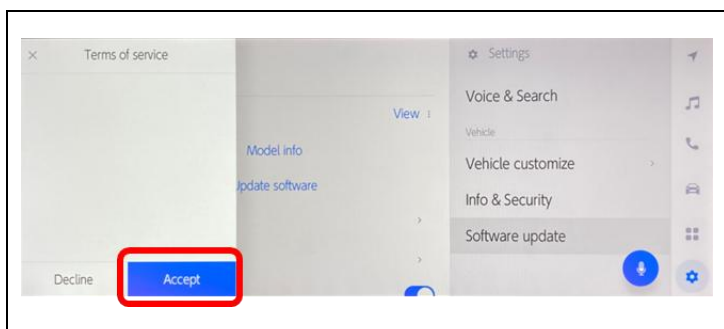
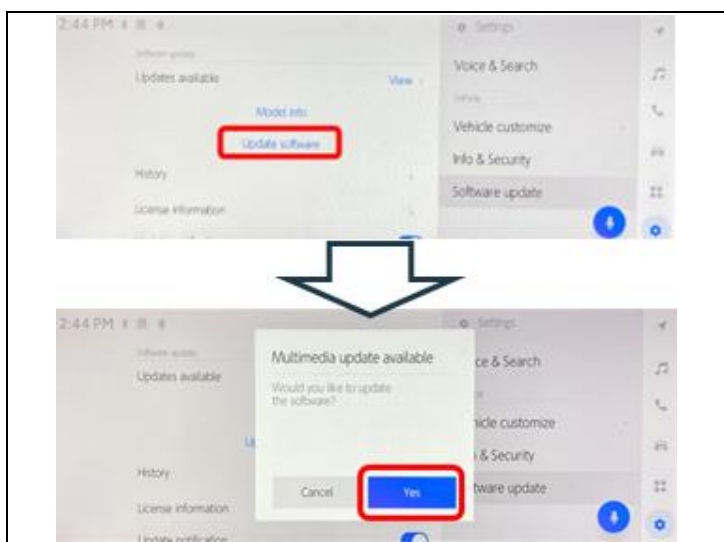
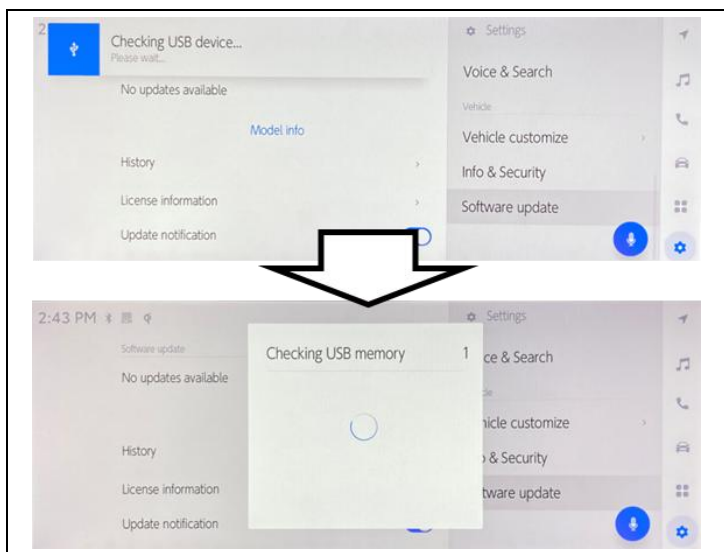


Critical

It may take several minutes to detect the update data. Don't remove USB until software is detected.

HINT:

- Until data is detected in USB memory, the "Checking USB device" is displayed. (Depending on the Software version of head unit, this notification might not be displayed.)



- g) Wait for about 3 minutes until the "Update software" button appears, then tap the "Update software" button.
- h) "Multimedia update available" screen appears, then tap the "Yes" button.

- i) "Terms of service" screen is displayed, tap the "Accept".

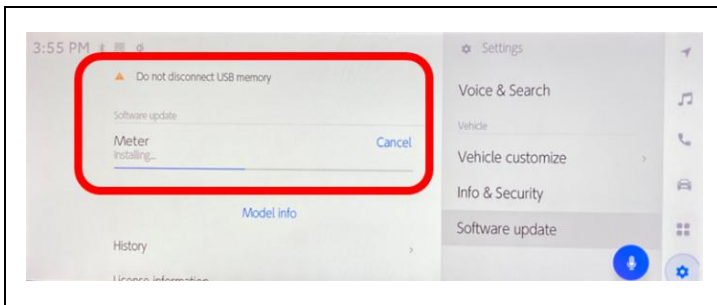
HINT:

The content on the "Update Available" and "Terms of Service" screens is not displayed correctly during USB reprogramming. However, please continue with the procedure.

HINT:

If the "Update software" button is not displayed on the software update screen, perform the following.

- Select "View" on the software update screen.
- "Multimedia update available" screen is displayed, select "OK".
- "Terms of service" screen is displayed, select "Accept".



- j) The software update starts, and the progress is displayed.

NOTICE:

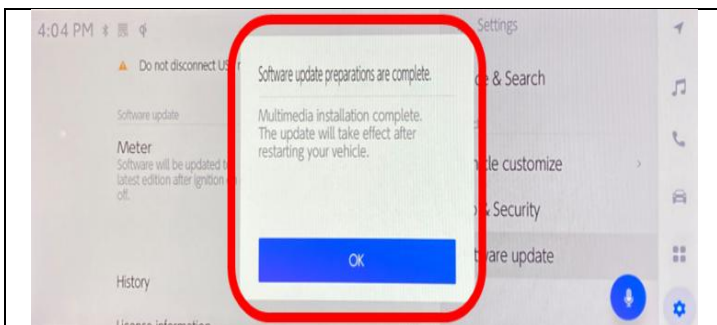
- **DO NOT** remove the USB memory stick until the software update is completed.
- Update the software with the engine or hybrid system started and the parking brake operated.
- **DO NOT** operate the multi-display or the vehicle while updating software, as the following could occur.
 - The software update is suspended or canceled.
 - Multi-display response becomes noticeably worse.

HINT:

Software update time is approximately 20 minutes.

Critical

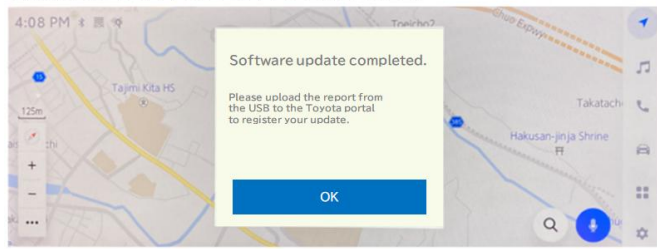
Wait 10 seconds after this message appears on the screen, then turn off the ignition switch. Otherwise, the version will not be updated.



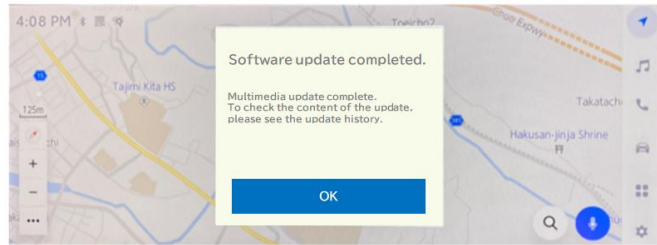
- k) After the installation is complete, the "Software update preparations are complete." screen will display. Tap the "OK" and turn off the ignition switch, then open the driver's door.
- l) Close the driver's door and start the engine or READY ON.

- m) Check that the "Software update completed" notification is displayed in about 1 minute.

Without DCM or Wi-Fi connection



With DCM or Wi-Fi connection



HINT:

- **Without DCM or Wi-Fi connection:**
Tap the “OK” and upload the update complete report to the dedicated portal.
- **With DCM or Wi-Fi connection:**
Tap the “OK” and confirm that the software version changes.

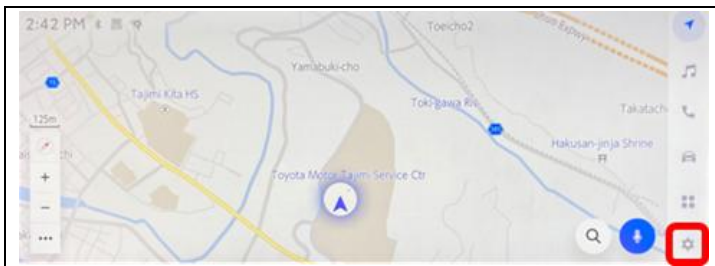
n) Ignition switch off.

VI. COMPLETE REPAIR

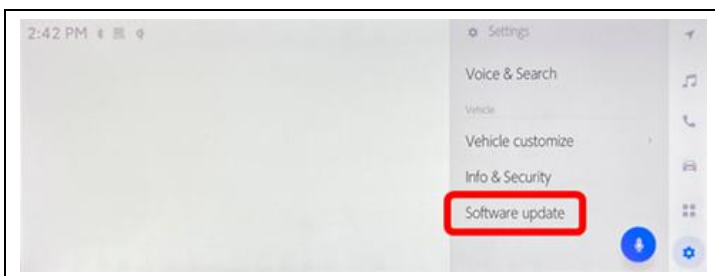
1. CHECK THE SOFTWARE VERSION PART 2

HINT:

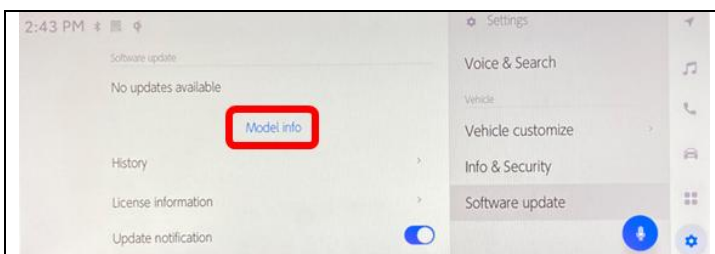
The screen of the illustration is the representative example.



- a) Engine start or READY ON.
- b) Tap the “setting” icon on the menu screen to display the “Settings” screen.



- c) Scroll the “Settings” screen to the bottom and tap the “Software update”.



- d) Tap the “Model info” and check the software version information.



- e) Scroll down the screen and check the "MET "or "MT" items.
- f) Refer to the table below to determine confirm that the software version has been updated.
- g) Tap the "X" button to close the screen.

Model	Item	SCOMO ID	Software Versions	
			Previous	NEW
LAND CRUISER	MET or MT	23TZZZZH120DMT0000	1005	3001
			1006	
MIRAI	MET or MT	23TZZZZH245DMT0000	1003	3001
			1004	

Critical

Confirm the version has been updated successfully to the *NEW* version by someone other than the individual who performed the repair.

- h) Turn the ignition off and remove the USB drive.
- i) Remove Exhaust ventilation hose from vehicle tailpipe.

◀ VERIFY REPAIR QUALITY ▶

- Confirm the reflash completes successfully.
- If you have any questions regarding this update, please contact your area representative.