ATTENTION:
GENERAL MANAGER ❑
PARTS MANAGER ❑
CLAIMS PERSONNEL ❑
SERVICE MANAGER ❑

IMPORTANT - All Service Personnel Should Read and Initial in the boxes provided, right.

© 2022 Subaru of America, Inc. All rights reserved.

SUBARU.

QUALITY DRIVEN® SERVICE

SERVICE BULLETIN

APPLICABILITY:	23-25MY Outback/Legacy Models (including Wilderness models) 23-24MY Ascent Models 24MY Impreza 24MY Crosstrek (including Wilderness models) 24MY WRX 25MY Forester	NUMBER:	15-305-22R
		DATE:	11/15/22
		REVISED:	07/18/24

SUBJECT: Reprogramming File Availability for Optimization of Gen 4.5 Denso CP1.5 Infotainment Systems

INTRODUCTION:

The following information announces reprogramming file availability and provides a software update installation procedure to optimize the new Gen 4.5 Denso CP1.5 Audio and Navigation head units utilized in the models listed above. As in previous models, the procedure will involve either downloading the software update files from Subarunet or using those sent directly from Nuspire to the SDS Notebook and transferring them onto a USB flash drive for head unit installation. This update offer countermeasure for the CarPlay concern with hands-free call, when receiving party is not able to hear the caller as the microphone data is muted. Please see **Appendix 9 (page 37)** for more details.

NOTE: The over the air updates (FOTA) that are available currently does not contain the improvements for CarPlay concern with hands free call where receiving party is not able to hear the caller. This USB/SSM5 update is required to address the concern.

ATTENTION: For Impreza/Crosstrek 24MY and WRX 24MY **and Legacy/Outback 25MY and Forester 25MY** it is required to use SSM5-R to access Software Update setting in Dealership Mode Menu.

	LEGACY/OUTBACK 23-24MY ASCENT 23-24MY	IMPREZA/CROSSTREK 24MY WRX 24MY LEGACY/OUTBACK 25MY FORESTER 25MY
REPROGRAMMING BY USB	APPLICABLE	NOT APPLICABLE
REPROGRAMMING BY SSM5-R AND USB	NOT APPLICABLE	APPLICABLE

It is **VERY IMPORTANT** to read and understand this information completely before proceeding.

CAUTION: VEHICLE SERVICE PERFORMED BY UNTRAINED PERSONAL COULD RESULT IN THE EQUIPMENT DAMAGE OR EVEN SERIOUS INJURY.

Continued...

CAUTION: In order to complete the update of CP1.5 to the latest version, verify that DCM has already been updated to the latest version as per the instructions in TSB 15-315-23.

If CP1.5 is updated to the latest version while the DCM isn't on its latest version, it may cause infotainment system failure.

Note: The updates for CCU and DCM can be performed in any order, but it is necessary they are both the latest versions before returning the vehicle to the customer or system damage will occur.
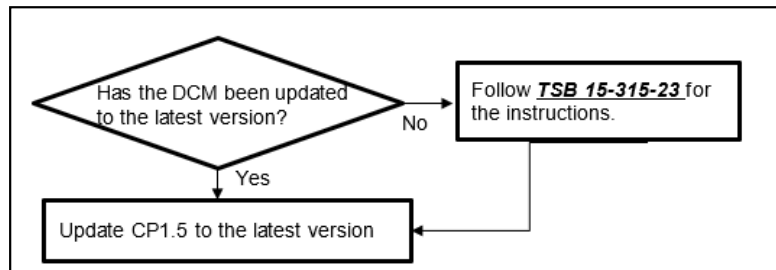
Note: follow TSB 15-315-23 for applicability information.

After this update is successfully completed the vehicle is capable of SiriusXM with 360L service. SiriusXM (SXM) with 360L service is a combination of satellite radio and streaming services. It uses both satellite and internet connection modem (DCM) to deliver 200+ channels, with some channels delivered exclusively via modem (DCM).

Service Bulletin is intended for use by trained technicians ONLY. It informs technicians of conditions, which may occur in some vehicles or provides information, which could assist with proper servicing of the vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely.

A timeline chart along with a complete list of all the conditions addressed and enhancements included in this and previous Denso software updates are provided in Appendix 8 (page 36) and Appendix 9 (page 37) located at the end of this bulletin.

IMPORTANT NOTE: The update contains 3 folders and 2 files. When performing an update, the USB must contain the matching number of folders and files and all files must be replaced.

ALWAYS use the latest files together as a set.

NEVER reuse or combine files from a prior update with a newer version.

PART INFORMATION:

NOTE: High Level unit is equipped with Navigation option (Map icon on Home screen)

| 11.6-Inch Display, Mid and High Level Units | Dual 7.0-Inch Display, Base Level Unit |

Continued...

Materials Required:

- SDS notebook
- DSTi/DST10
- Flash drive USB 2.0 or higher

An empty, USB 2.0 or 3.0 storage device (flash drive) will be needed to perform the update procedure. The device should be dedicated to storing and transferring these updating files only. It should be a minimum of **64GB** or more in size and contain a NTFS file format before downloading the update files onto it. Be sure to locate and re-format any existing USB drives used for updating audio units. They must be fully cleared before adding these new update files to them.

IMPORTANT NOTES:

• **NEVER** change the update file names after downloading them.

• **NEVER** save any other files on the same flash drive.

Please follow **Appendix 1 (page 8)** "Flash Drive Selection" for selecting an applicable storage device

SERVICE PROCEDURE / INFORMATION:

REMINDER: Customer satisfaction and retention starts with performing quality repairs.

STEP 1- VERY IMPORTANT: Before proceeding with the software updating procedure, the currently installed software version ID **MUST** be confirmed by following the steps below:

1a) After starting the engine and system boot-up completes, from the HOME screen, touch the **Settings** button.

1b) Press the **General** button. Use the down arrow to scroll to **System Information** then press to display the System Information / Version information.

Continued...

The examples below identify the head unit model and the last 6 digits signify the software version number. Examples:

➢ **Outback/Legacy and Ascent**

- F6(9)1W**H**Mxxx-xxx (High model software)

- F6(9)1W**M**Mxxx-xxx (Mid model software)

- F6(9)1W**B**Mxxx-xxx (Base model software)

Outback/Legacy, Ascent				
MY	**Carline**	**Trim/Grade**	**Installed Software Versions**	**Available Software Version**
23-25MY	Outback/Legacy	**BASE**	013-282 023-580 033-680 043-781 053-880	**FM1WBM073-980**
		MID	013-282 023-580 033-270 033-570 033-681 043-781 053-880	**FM1WMM073-980**
		HIGH	013-282 023-580 033-270 033-570 033-681 043-781 053-880	**FM1WHM073-980**
23-24MY	Ascent	**MID**	013-282 023-580 033-270 033-570 033-681 043-781 053-880	**FM1WMM073-980**
		HIGH	013-282 023-580 033-270 033-570 033-681 043-781 053-880	**FM1WHM073-980**

ATTENTION: If the software version number matches "Installed Software Versions" proceed to **STEP 2** below. If the software version is "Available Software Version" as the unit already has the latest software version installed. No update is required at this time.

➢ **Impreza/Crosstrek**

- F7(9)1W**HM**xxx-xxx (**High** model software)
- F7(9)1W**M**Mxxx-xxx (**Mid** model software)
- F7(9)1W**B**Mxxx-xxx (**Base** model software)

Impreza, Crosstrek				
MY	**Carline**	**Trim/Grade**	**Installed Software Versions**	**Latest Software Version**
24MY	Impreza / Crosstrek	BASE	033-681 043-781 053-880	**FM1WBM073-980**
		MID	033-681 043-781 053-880	**FM1WMM073-980**
		HIGH	033-681 043-781 053-880	**FM1WHM073-980**

➢ **WRX**

- F7(9)1W**HM**xxx-xxx (**High** model software)
- F7(9)1W**M**Mxxx-xxx (**Mid** model software)

WRX				
MY	**Carline**	**Trim/Grade**	**Installed Software Versions**	**Latest Software Version**
24MY	**WRX**	MID	043-781 053-880	**FM1WMM073-980**
		HIGH	043-781 053-880	**FM1WHM073-980**

➢ **FORESTER**

FORESTER				
MY	**Carline**	**Trim/Grade**	**Installed Software Versions**	**Latest Software Version**
25MY	Forester	BASE	F91WBM053-880	**FM1WBM073-980**
		MID	F91WMM053-880	**FM1WMM073-980**
		HIGH	F91WHM053-880	**FM1WHM073-980**

If the software version number matches "Installed Software Versions" proceed to **STEP 2** below.
If the software version is "**Available Software Version**" as the unit already has the latest software version installed. No update is required at this time.

STEP 2- Prepare the USB flash drive

CAUTION: Do not use any USB flash drive which utilizes file organizing software or an operating system.

VERY IMPORTANT: Before attempting to download any data files, confirm the PC and flash drive being used is not infected with any virus. The flash drive MUST be formatted for **NTFS**.

Continued...

- Make sure the USB flash drive contains no other files.

- Right click on the corresponding "Removable Disk".

- Select "Format".

- From the File System drop-down menu, select "NTFS"

- Check the "Quick Format" box (if not already done).

- Click on "Start" to format the USB flash drive.
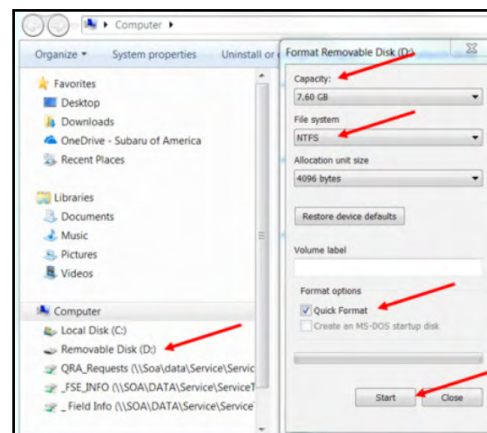
STEP 3- Download the Update Files to the USB:

Please transfer the files to USB Flash Drive following **Appendix 2 (page 9)** "Download the Update Files to the USB" .

STEP 4- Perform the software update.

CAUTIONS:

NEVER attempt to install the software immediately following an exchange module installation. Let the system restart first and operate for 20 minutes.

NEVER attempt to install the software a second time for 30 minutes following a previously unsuccessful software installation.

NEVER attempt to install the software for at least 30 minutes after completing a FOTA update.

Perform the update in a well ventilated location if updating with the engine running OR with the ignition ON and a battery charger connected.

	Legacy/Outback 23 – 24MY Ascent 23-24MY	Impreza/Crosstrek 24MY WRX 24MY Legacy/Outback 25MY Forester 25MY
Reprogramming by USB	Applicable	Not Applicable
Reprogramming by SSM5-R and USB	Not Applicable	Applicable

ATTENTION: For Impreza/Crosstrek 24MY and WRX 24MY and Legacy/Outback 25MY and Forester 25MY it is required to use SSM5-R to access Software Update setting in Dealership Mode Menu.

Please refer to **Appendix 4 (page 19)** "Perform the software update by SSM5-R and USB" for the work procedures for Impreza/Crosstrek 24MY and WRX 24MY and Legacy/Outback 25MY and Forester 25MY.

Continued...

For **Legacy/Outback 23 - 24MY and Ascent 23-24MY** please access Software Update setting in Update setting in Dealership Mode Menu by using CP1 controls directly from CID.

Please refer to **Appendix 3 (page 13)** "Perform the software update by USB" for the work procedures for Legacy/Outback 23 - 24MY and Ascent 23-24MY.

WARRANTY / CLAIM INFORMATION:

For vehicles within the Basic New Car Limited Warranty period or covered by an active Subaru Added Security Gold plan, this repair may be submitted using the following claim information:

Labor Description	Labor Operation #	Labor Time	Fail Codes
DENSO CP1 SOFTWARE UPDATE-INCLUDES VERSION CHECK	A031-173	1.0	ZTZ-48 (BASE, MID, HIGH)

NOTE: If the infotainment software update is being applied to new inventory vehicles (not CPO or used) just prior to retail delivery with a particular focus on customers who are iPhone users, use the following special claims information.

Labor Description	Labor Operation#	Labor Time	Fail Code
Denso CP 1.5 New vehicle programming	B831098	0.8	ZWA-48

REMINDER: The new Software Version number must be entered when prompted at claim entry.

NOTE: Retailers are now permitted to claim up to $5.00 per claim in Sublet to help offset the cost of replacement USB drives. Repeated re-formatting of the USB drives used for reprogramming can compromise their ability to operate properly. Over time, hardware connections can loosen and stored data files can become corrupted. Retailers are responsible for replacing any worn or otherwise inoperable USB drives as needed. This compensation is intended to help defray those costs.

IMPORTANT REMINDERS:

- SOA strongly discourages the printing and/or local storage of service information as previously released information and electronic publications may be updated at any time.

- Always check for any open recalls or campaigns anytime a vehicle is in for servicing.

- Always refer to STIS for the latest service information before performing any repairs.

Continued...

Flash Drive Selection

There are various types of USB flash drive available from many suppliers. If the head unit does NOT recognize the USB drive during the reprogramming process due to Controller IC type of USB drive or Compatibility with the head unit, confirm the flash drive format is NTFS. The flash drive must be formatted for NTFS. If a recognition problem persists, use a USB flash drive from another manufacturer.

- Kingston®:
  DataTraveler G3 Series DataTraveler 100 G3 DT100G3
  DataTraveler SE9 Series DataTraveler SE9 G2 3.0 DTSE9G2
  Digital Data Traveler 3.0 USB Flash Drive - Violet DTIG4

- SanDisk®:
  Ultra Series SDCZ48-064G-J57
  Cruzer Blade Series
  Cruzer Glide Series CZ60 SDCZ60-064G-B35

- Transcend®:
  JetFlash 790 Series TS64GJF790KBE

- PNY®:
  Retract USB 3.0 Flash Drive, black (P-FD64GTRTC-GE)

- Silicon Power®:
  2 Pack USB 3.0/3.1 Gen1 USB Flash Drive Blaze B02

Download the Update Files to the USB

The files are available for download on Subarunet (see "**A**" below).

The applicable reprogramming files have also been sent directly to retailers by Nuspire in the same way a Select Monitor Update would be pushed out. (see "**B**" below).

Follow "A" when using files downloaded from Subarunet.

Follow "B" when using the files sent directly to the SDS notebook from Nuspire.

"A" When using update files downloaded from Subarunet:

Click Here to Access the Downloads for Audio/Navigation Information on Subarunet
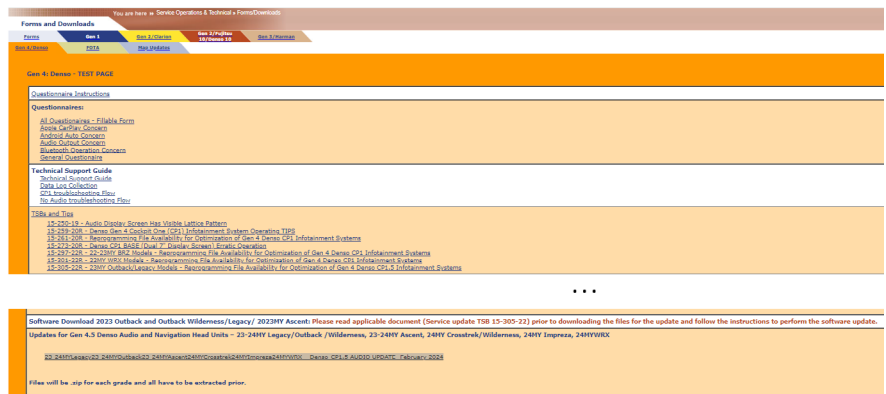
IMPORTANT: Files downloaded from Subarunet will be .zip files and must be unzipped before they can be used. Using the normal audio / navigation system file update download procedure: Go to Subarunet, select Service Operations and Technical>>Forms/Downloads>>Gen 4/Denso for Audio/Navi then click on the applicable Hyperlink to download the file(s) to your SDS Notebook or PC:

Updates for Gen 4.5 Denso Audio and Navigation Head Units – 23-24MY LegacyOutback 23-24MYAscent24MYCrosstrek24MYImpreza24MYWRX

23-24MYLegacy23-24MYOutback23-24MYAscent24MYCrosstrek24MYImpreza24MYWRX - Denso-CP1.5 AUDIO UPDATE- February 2024

- Go to Downloads.
- **CAUTION**: After download is complete, **NEVER** change the file or folder names.
- Open / display the contents of File folder, for example: "F91WxM053-880".
- Click on "Extract All Files".
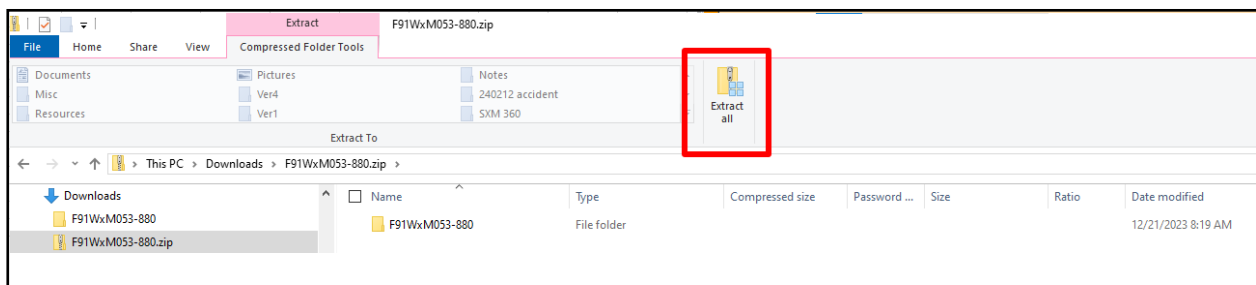
Continued...

- The screen similar to the one below will appear to set a destination for the extracted file.
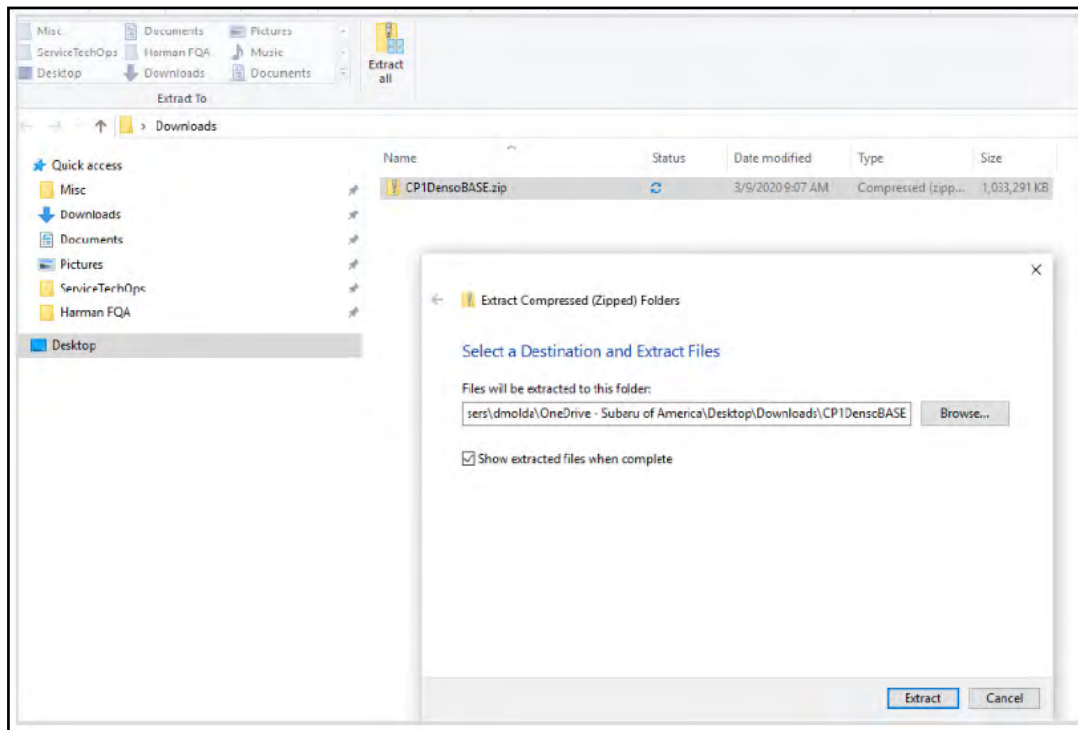
- Double-click on the required folder (for this example, used folder titled "F91WxM053-880").
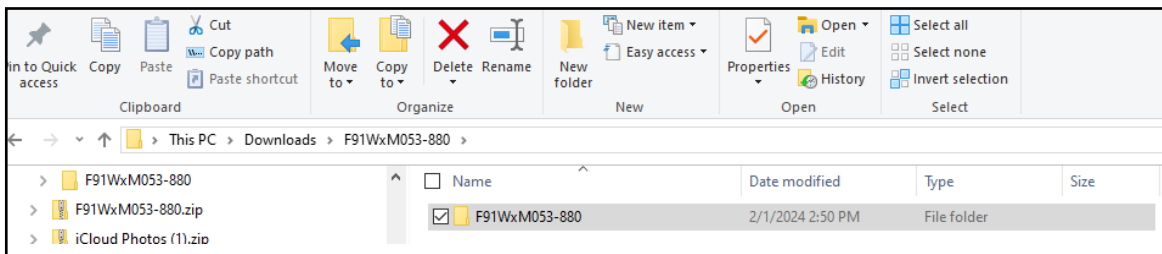
Copy **all files** then paste (or click / drag) it to the "clean" USB flash drive as listed (Removable Disk) in the directory.
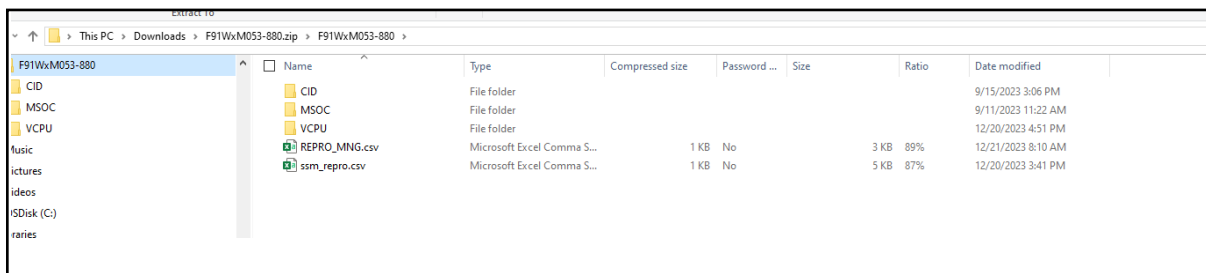
IMPORTANT NOTE: The update contains 3 folders and 2 files. When performing an update, the USB must contain the matching number of folders and files and all files must be replaced.

ALWAYS use the latest files together as a set.

NEVER reuse or combine files from a prior update with a newer version.

Continued...

- To avoid confusion, use a permanent marker to label the flash drive with the file contents (e.g. Denso CP1.5 2023MY ALL).

- Go to **Step 4**.

"B" When using update files sent directly from Nuspire:

- Go to My Documents on the GUI screen click on the folder "Denso CP1 Audio-Navi Update Files" to display the list of available update files shown below.

IMPORTANT: Always confirm there is a correct folder. If not, the SDS notebook hasn't been updated with the latest release. Please contact Nuspire to request they resend the update."
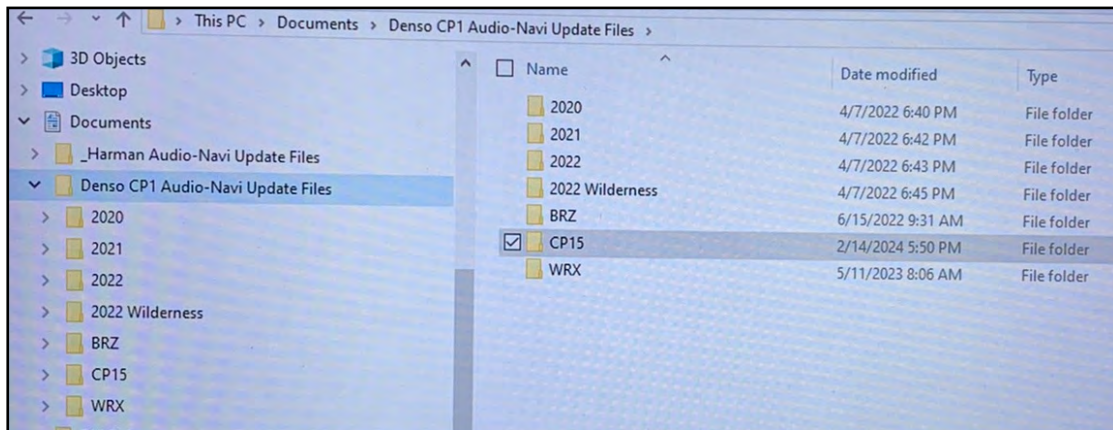
- **CAUTION:** After download is complete, **NEVER** change the file or folder names.

- Double-click on the required folder (for this example, select the file entitled "CP15") and the update file will display as shown.
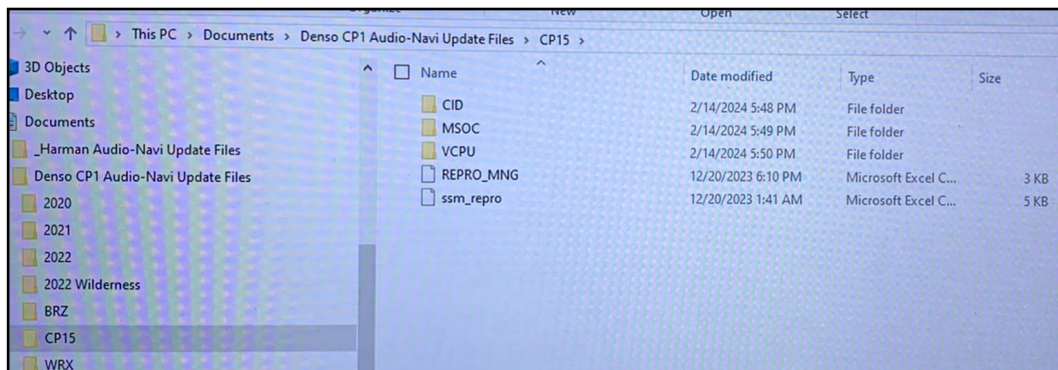
Select all folders and files and either copy / paste or click / drag them to the USB flash drive.

IMPORTANT NOTE: The update contains 3 folders and 2 files. When performing an update, the USB must contain the matching number of folders and files and all files must be replaced.

ALWAYS use the latest files together as a set.

NEVER reuse or combine files from a prior update with a newer version.

Continued...

- Once all files have been loaded onto the USB flash drive, right click on the drive and select "Eject".

   CAUTION: NEVER change the file names.

- Remove the USB flash drive after the prompt appears that says "Safe to Remove Hardware".

- Mark the USB to indicate the head unit it will update (Denso CP1.5 2023MY ALL in this example).

- Proceed to **STEP 4** below.

Continued...

Appendix 3

Perform the software update by USB

4a) PRESS and HOLD the RIGHT-side temperature control buttons (both up and down) and press the Tune / Scroll knob 6 times then release all to display the Dealership Mode Menu.

4b) Select **Software Update** from the Dealership Mode menu.

IMPORTANT NOTE: On a RARE occasion, the message **"Software update setup is initializing…"** may be displayed. Should this occur, proceed to for further instruction.

Continued...

4c) The screen below will be displayed.
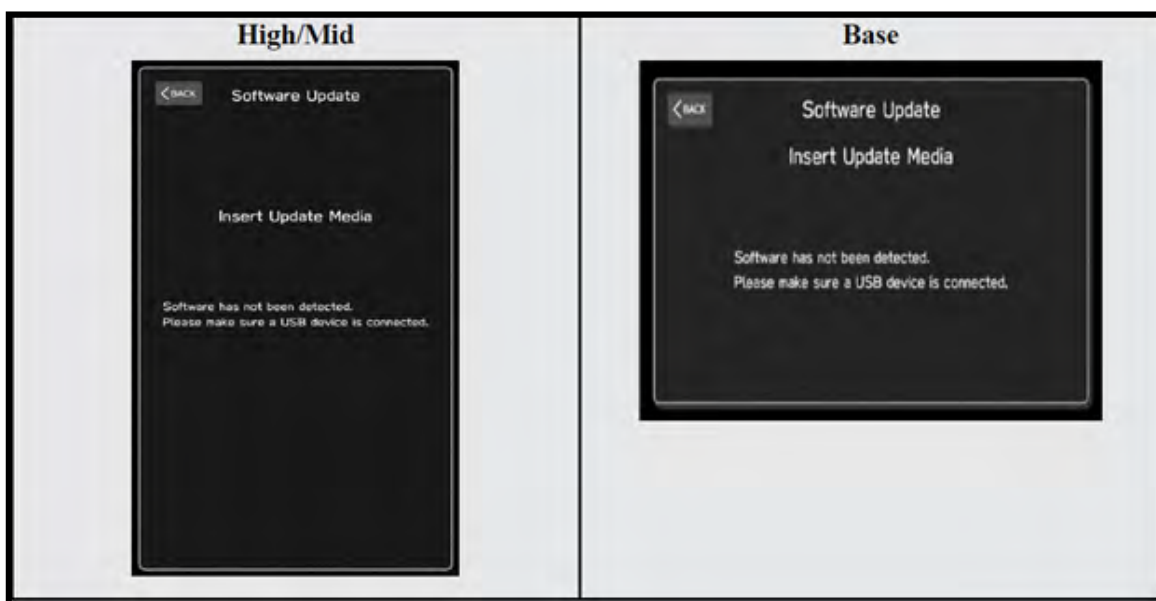
4d) Insert reprogramming USB into the USB port and press **OK**.

NOTE: If after plugging in the USB, the screen displays a **Software Loading Unsuccessful** message, confirm the USB device has been properly formatted and the software on the device matches the system being reprogrammed (example: Base software is being used to update a Base system) and retry.
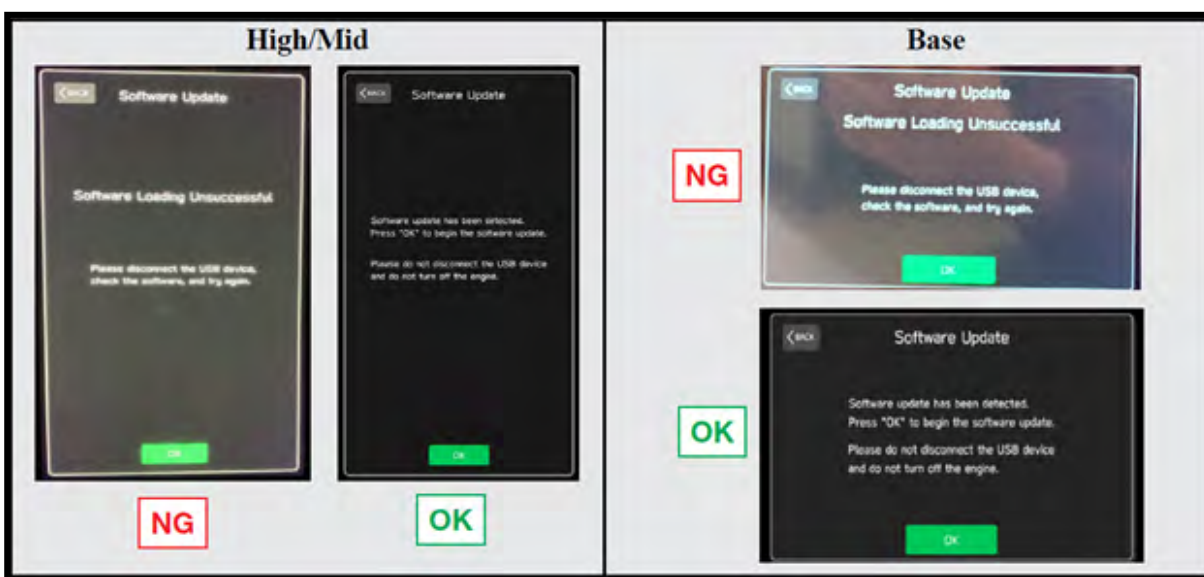
If you get the message **Software Update Incomplete** as shown below, please don't replace the hardware but retry updating the software according to the instructions in

4e) The screen below will be displayed. Press **OK** to start the software update.

NOTE: The actual software version displayed will be different from the picture shown below.
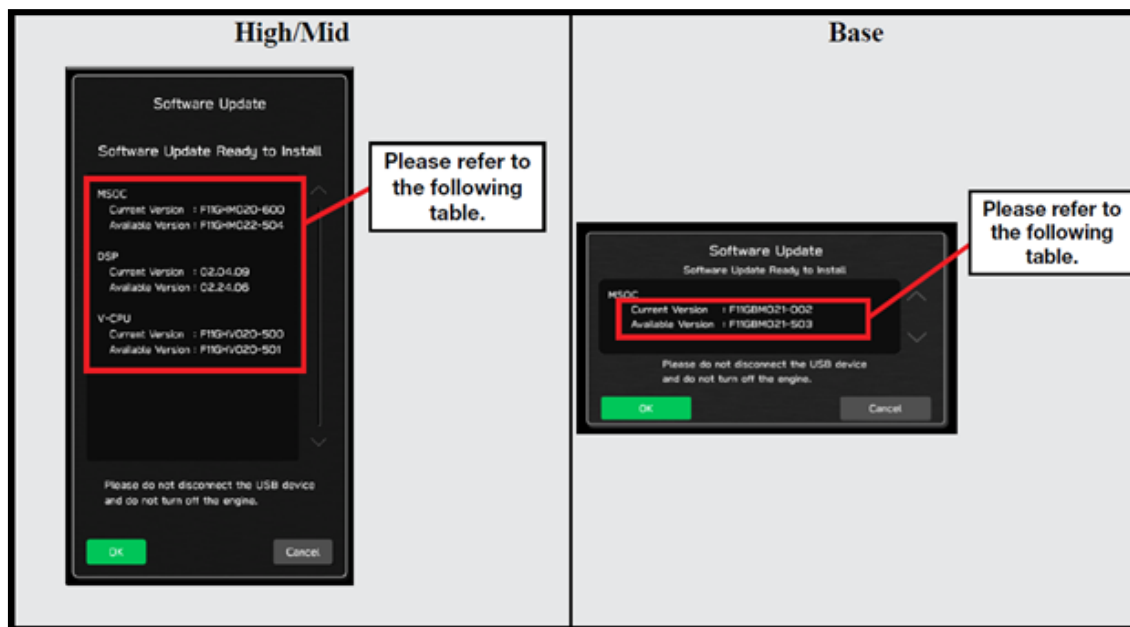
Continued...

Software Version Table

Version Table
LEGACY OUTBACK
23-24MY
　＜MSoC＞
Current Version

Model	MSOC Version
High	F61WHM013-282
	F61WHM023-580
	F61WHM033-681
	F91WHM043-780
	F91WHM053-880
Mid	F61WMM013-282
	F61WMM023-580
	F61WMM033-681
	F91WMM043-780
	F91WMM053-880

Available Version

Model	MSOC Version
High	FM1WHM073-980
Mid	FM1WMM073-980

　＜DSP＞
Current Version

Model	DSP Version
High/Mid	02.54.11

Available Version

Model	DSP Version
High/Mid	02.54.11

　＜VCPU＞
Current Version

Model	VCPU Version
High/Mid	F61WHV011-780

Available Version

Model	VCPU Version
High/Mid	F61WHV011-780

Version Table
LEGACY OUTBACK
23-24MY
　＜MSoC＞
Current Version

Model	MSOC Version
Base	F61WBM013-282
	F61WBM023-580
	F61WBM033-680
	F91WBM043-780
	F91WBM053-880

Available Version

Model	MSOC Version
Base	FM1WBM073-980

　＜DSP＞
Current Version

Model	DSP Version
Base	02.54.11

Available Version

Model	DSP Version
Base	02.54.11

　＜VCPU＞
Current Version

Model	VCPU Version
Base	F61WHV011-780

Available Version

Model	VCPU Version
Base	F61WHV011-780

Version Table
ASCENT
23-24MY
　＜MSoC＞
Current Version

Model	MSOC Version
High	F61WHM023-580
	F61WHM033-681
Mid	F61WMM023-580
	F61WMM033-681

Available Version

Model	MSOC Version
High	FM1WHM073-980
Mid	FM1WMM073-980

　＜DSP＞
Current Version

Model	DSP Version
High/Mid	02.5B.07

Available Version

Model	DSP Version
High/Mid	02.5B.07

　＜VCPU＞
Current Version

Model	VCPU Version
High/Mid	F81WHV011-780

Available Version

Model	VCPU Version
High/Mid	F81WHV011-780

Continued...

4f) Once the update begins, the screen below will be displayed with a progress bar. It takes about 15 to 20 minutes for the update to complete.

VERY IMPORTANT: NEVER turn off the ignition while the software update is in process.
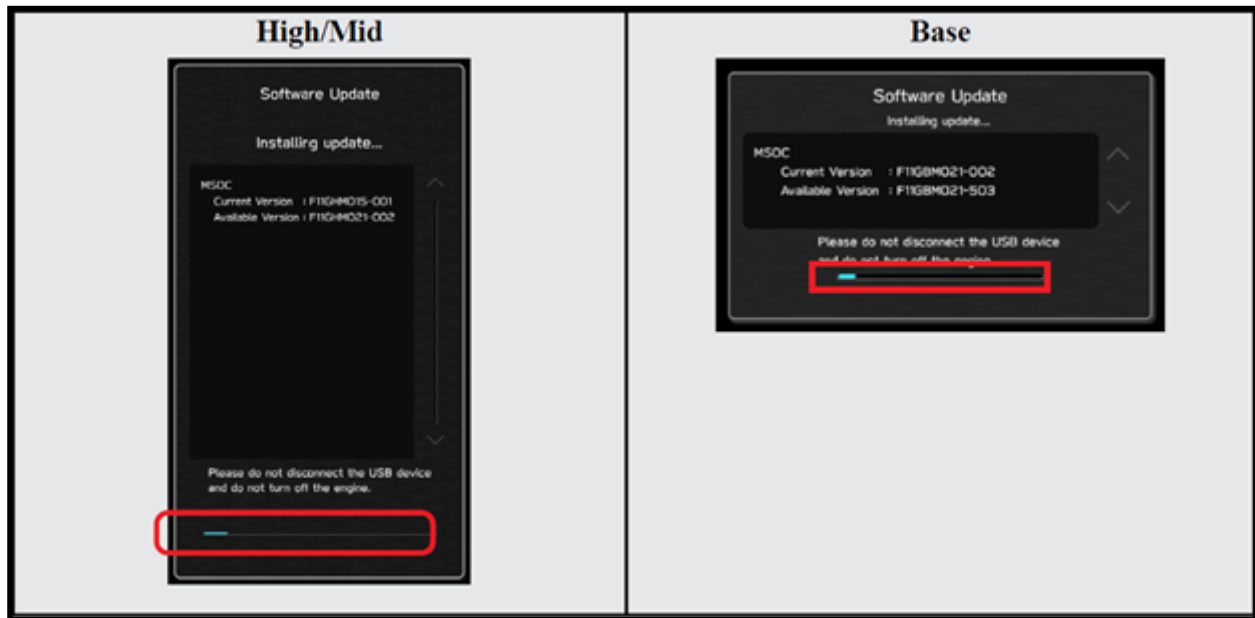
4g) When the software update is complete, the following screen will be displayed (the actual software version will be different).
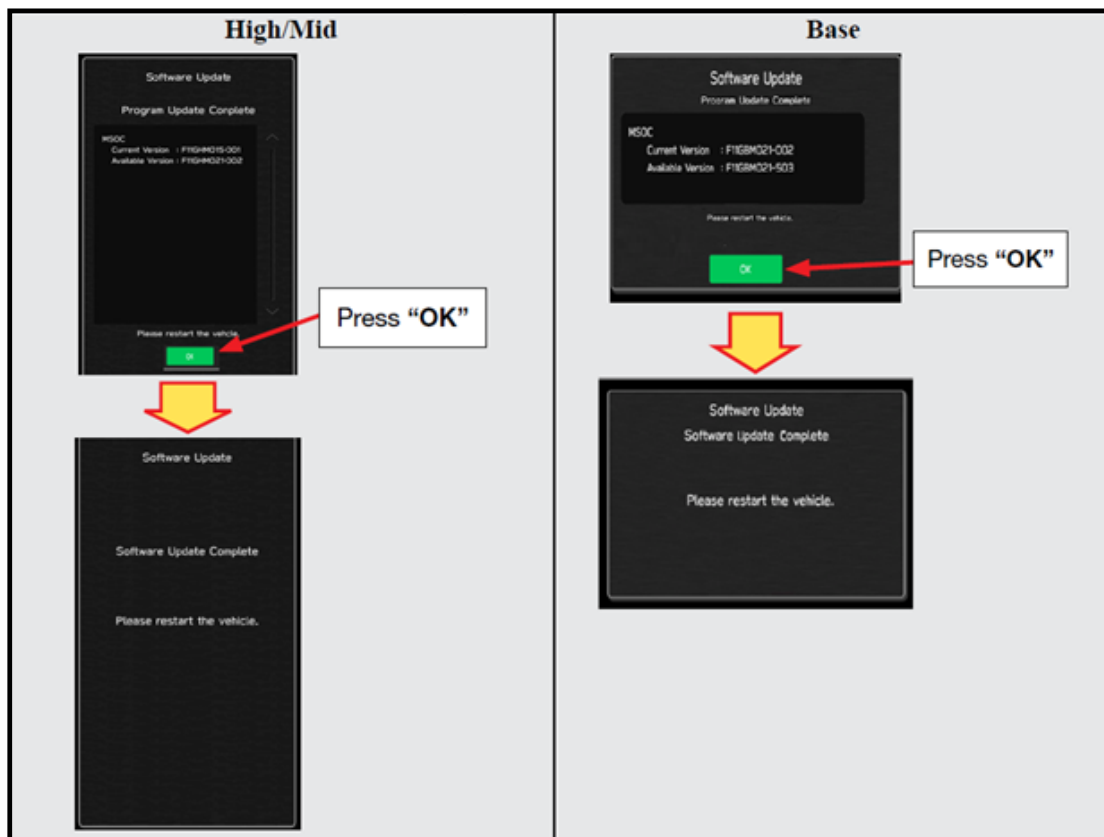
IMPORTANT NOTE:

On rare occasions a "Software Update Incomplete" message may appear in this step which occurs due to a bug in the software update procedure. Proceed to Step 4i below to confirm the software version has been updated to the latest version.

4h) Select **OK** in the screen above then remove the H/U reprogramming USB from the USB port.

4i) Turn the Ignition OFF, open the driver's door then close the driver's door.

4j) Wait for **3 minutes**, then turn the ignition ON.

4k) Access Dealership Mode following steps provided item **4a** and using the tables below, confirm the software update completed successfully.

NOTE: The new Software Version number must be entered when prompted at claim entry.

Software Version Table

Version Table
LEGACY OUTBACK
23-24MY

Model	MSOC Version
High	FM1WHM073-980
Mid	FM1WMM073-980
Model	DSP Version
High/Mid	02.54.11
Model	VCPU Version
High/Mid	F61WHV011-780

Version Table
LEGACY OUTBACK
23-24MY

Model	MSOC Version
Base	FM1WBM073-980
Model	DSP Version
Base	02.54.11
Model	VCPU Version
Base	F61WHV011-780

Version Table
ASCENT
23-24MY

Model	MSOC Version
High	FM1WHM073-980
Mid	FM1WMM073-980
Model	DSP Version
High/Mid	02.5B.07
Model	VCPU Version
High/Mid	F81WHV011-780

4l) Turn the ignition OFF, open the driver's door then close the driver's door to complete the procedure.

Continued...

Appendix 4

Perform the software update by SSM5-R and USB

REPROGRAMMING BY SSM5 FOR IMPREZA/CROSSTREK 24MY AND WRX 24MY AND OUTBACK/LEGACY 25MY AND FORESTER 25MY

4-SSM5-a. Introduction

For Impreza/Crosstrek 24MY and WRX 24MY and Outback/Legacy 25MY and Forester 25MY it is required to use SSM5-R to access Software Update setting in Dealership Mode Menu.

①	WEB browser	⑤	interface
②	SSM5 WEB site	⑥	vehicle
③	SSM5 cloud-connector connection	⑦	Other users using SSM5
④	Cloud connector (PC installation)	⑧	USB stick
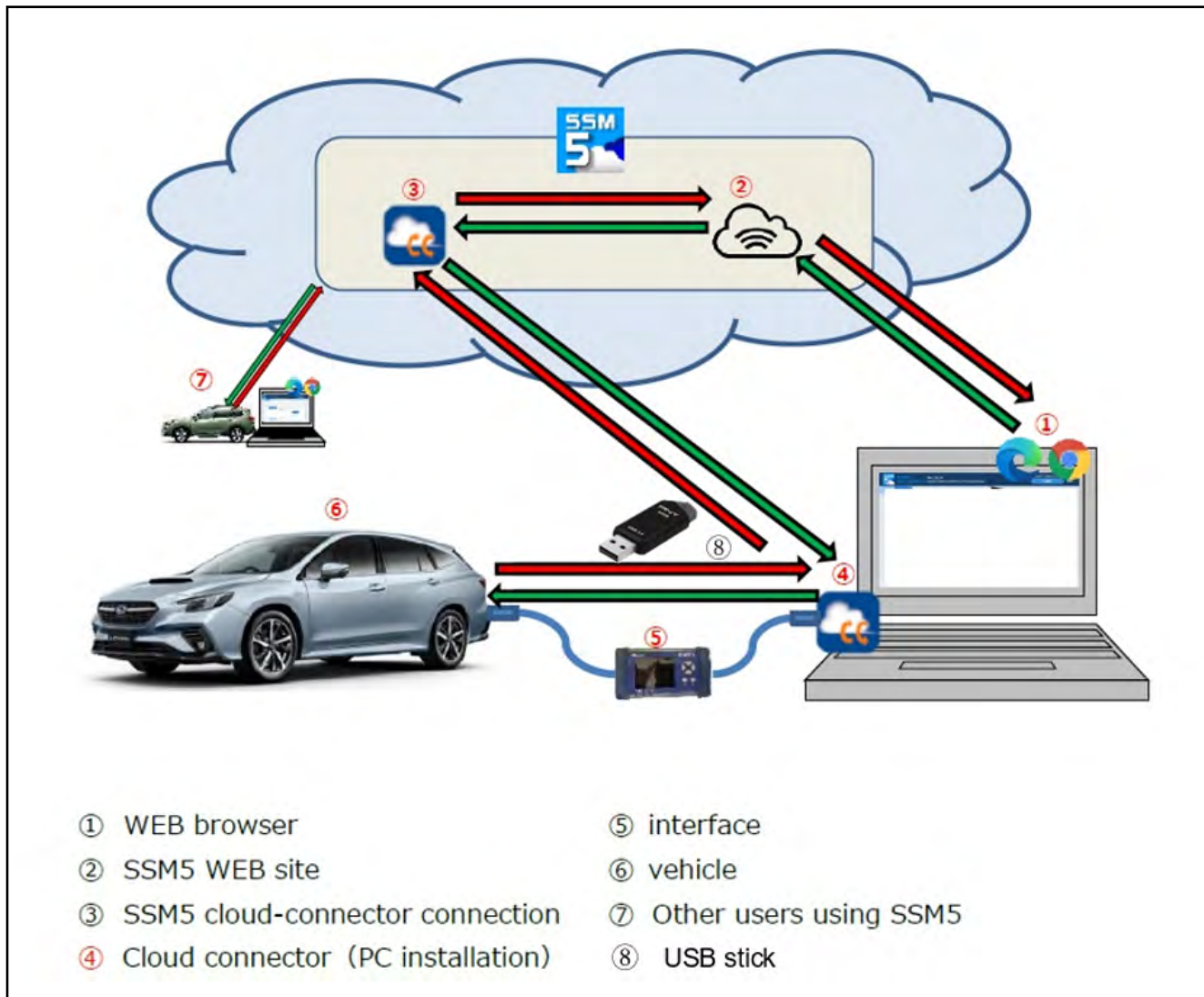
4-SSM5-b. Preparation

It is recommended to perform the reprogramming work with the Ignition ON and Engine OFF. Preferably, it is also recommended to hook up a battery charger to the battery to maintain consistent voltage in the electric circuits of the vehicle.

If the vehicle is Automatic (CVT) model, shift the select lever to N range and apply parking brakes (EPB). **With the gear in P range, the ignition switch is automatically turned off after about 1 hour.** In case you perform the reprogramming work with Engine ON, make sure that the area is well ventilated.

Continued...

Outline of the preparation steps:
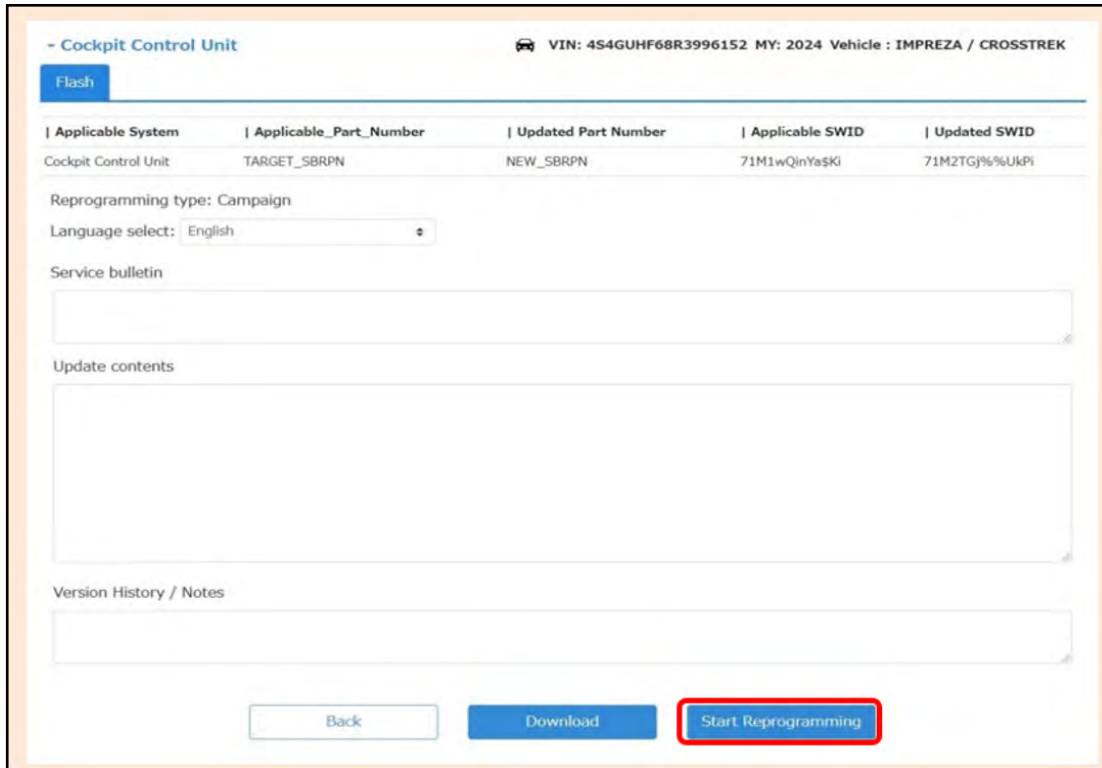
- Prepare USB flash drive to store software update files per the instructions in STEP 2 page 5.

- Prepare an interface to connect the vehicle with the PC loaded with SSM software.

- Install "Cloud Connector" to the PC.

- Connect DST-i between the vehicle and the laptop to sync-up SSM5 with the vehicle.

- Refer to TSB 14-28-21 "New Software Reprogramming Procedures / SSM5-R" for the setup and configuration details with SSM5.

- **4-SSM5-c. Execution**

  i. Follow TSB 14-28-21 "New Software Reprogramming Procedures / SSM5-R" **STEP 1- STEP 11** to connect the vehicle and the laptop with SSM5 access. When vehicle information acquisition is completed, a list of on-board systems is displayed. Confirm that either one of the two reprogramming availability option on the Cockpit Control Unit is marked "Available" and click on it. See below.

Applicable System	CID / ROMID / SWID	Reprogramming availability Campaign	Reprogramming availability Other	Equipped	Communication
Airbag	9220120002	Not Available	Not Available	Equipped	Communicating
Central Gateway	4732313030	Not Available	Not Available	Equipped	Communicating
Telematics	3400220680	Not Available	Not Available	Equipped	Communicating
Engine	XE1W011Y00G	Not Available	Not Available	Equipped	Communicating
EyeSight	0A21080235042108012E	Not Available	Not Available	Equipped	Communicating
Blind Spot Detection/Rear Cross Traffic Alert	LH : 0000720000 RH :	Not Available	Not Available	Equipped	Communicating
Keyless Access with Push Button Start(Collation)	0102001051	Not Available	Not Available	Equipped	Communicating
Keyless Access with Push Button Start(Power Supply)	0102001151	Not Available	Not Available	Equipped	Communicating
Brake Control	A220241703	Not Available	Not Available	Equipped	Communicating
Air Conditioner	1300110002	Not Available	Not Available	Equipped	Communicating
Electric Brake Booster	B220240103	Not Available	Not Available	Equipped	Communicating
Front Relay Control Module	0000000081	Not Available	Not Available	Equipped	Communicating
Combination Meter	7000000301	Not Available	Not Available	Equipped	Communicating
Transmission	4012354350	Not Available	Not Available	Equipped	Communicating
Tire Pressure Monitor	0003030201	Not Available	Not Available	Equipped	Communicating
Power Steering	2AD0000901	Not Available	Not Available	Equipped	Communicating
Body Control	004783D085	Not Available	Not Available	Equipped	Communicating
Cockpit Control Unit	71M1wQinYa$Ki	Available	Available	Equipped	Communicating
Monocular Camera	464E533332	Not Available	Not Available	Equipped	Communicating
Driver Monitor	-	-	-	Not Equipped	No communication
Front Corner Radar	-	-	-	Not Equipped	No communication

Only one of them will be shown as Available.

ii. Insert the USB flash drive containing the update data into the vehicle's USB port and click on [Start Reprogramming] to begin the reprogramming process.
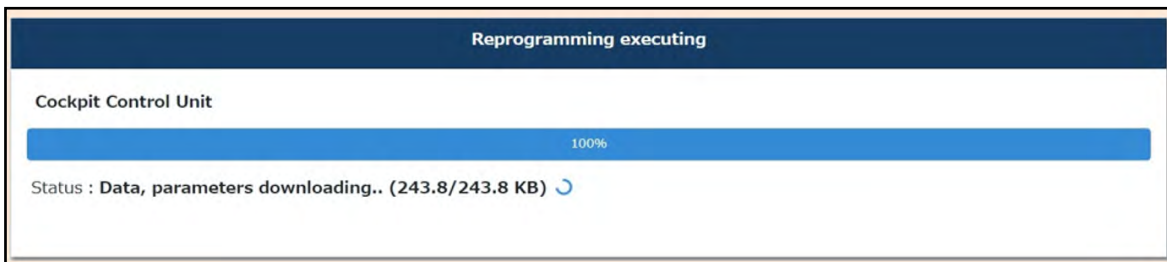
iii. Follow TSB 14-28-21 "New Software Reprogramming Procedures / SSM5-R" **STEP 12 - STEP 15** to start the software update.

iv. The following progress bar will be displayed briefly (for a few seconds), and then it will quickly reach 100% and switch to the next screen.

When the following screen is displayed, the software update starts within the CCU.

Continued...

At that time CID display changes to show software installation details and progress bar. Wait until the CID screen displays "Software Update Complete". See below.

Software Version Table

Version Table
IMPREZA CROSSTREK
24MY
　< MSoC >
Current Version

Model	MSOC Version
High	F71WHM033-681 F91WHM043-781 F91WHM053-880
Mid	F71WMM033-681 F91WMM043-781 F91WMM053-880

Available Version

Model	MSOC Version
High	FM1WHM073-980
Mid	FM1WMM073-980

< DSP >
Current Version

Model	DSP Version
High/Mid	02.5A.04

Available Version

Model	DSP Version
High/Mid	02.5A.04

< VCPU >
Current Version

Model	VCPU Version
High/Mid	F71SHV011-680

Available Version

Model	VCPU Version
High/Mid	F71SHV011-680

Version Table
IMPREZA CROSSTREK
24MY
　< MSoC >
Current Version

Model	MSOC Version
Base	F71WBM033-680 F91WBM043-781 F91WBM053-880

Available Version

Model	MSOC Version
Base	FM1WBM073-980

< DSP >
Current Version

Model	DSP Version
Base	02.5A.04

Available Version

Model	DSP Version
Base	02.5A.04

< VCPU >
Current Version

Model	VCPU Version
Base	F71SHV011-680

Available Version

Model	VCPU Version
Base	F71SHV011-680

Version Table
WRX
24MY

＜MSoC＞

Current Version

Model	MSOC Version
High	F91WHM043-781
	F91WHM053-880
Mid	F91WMM043-781
	F91WMM053-880

Available Version

Model	MSOC Version
High	FM1WHM073-980
Mid	FM1WMM073-980

＜DSP＞

Current Version

Model	DSP Version
High/Mid	02.5E.02

Available Version

Model	DSP Version
High/Mid	02.5E.02

＜VCPU＞

Current Version

Model	VCPU Version
High/Mid	FK1WHV010-880

Available Version

Model	VCPU Version
High/Mid	FK1WHV010-880

Version Table
LEGACY/OUTBACK
25MY

＜MSoC＞

Current Version

Model	MSOC Version
High	F91WHM053-880
Mid	F91WMM053-880

Available Version

Model	MSOC Version
High	FM1WHM073-980
Mid	FM1WMM073-980

＜DSP＞

Current Version

Model	DSP Version
High/Mid	02.5F.02

Available Version

Model	DSP Version
High/Mid	02.5F.02

＜VCPU＞

Current Version

Model	VCPU Version
High/Mid	FC7WHV010-180

Available Version

Model	VCPU Version
High/Mid	FC7WHV010-180

Version Table
LEGACY/OUTBACK
25MY

＜MSoC＞

Current Version

Model	MSOC Version
Base	F91WBM053-880

Available Version

Model	MSOC Version
Base	FM1WBM073-980

＜DSP＞

Current Version

Model	DSP Version
Base	02.5F.02

Available Version

Model	DSP Version
Base	02.5F.02

＜VCPU＞

Current Version

Model	VCPU Version
Base	FC7WHV010-180

Available Version

Model	VCPU Version
Base	FC7WHV010-180

Continued...

Version Table FORESTER 25MY			Version Table FORESTER 25MY		

Left table:

〈MSoC〉

Current Version

Model	MSOC Version
High	F91WHM053-880
Mid	F91WMM053-880

Available Version

Model	MSOC Version
High	FM1WHM073-980
Mid	FM1WMM073-980

〈DSP〉

Current Version

Model	DSP Version
High/Mid	02.5D.02

Available Version

Model	DSP Version
High/Mid	02.5D.02

〈VCPU〉

Current Version

Model	VCPU Version
High/Mid	F91WHV010-780

Available Version

Model	VCPU Version
High/Mid	F91WHV010-780

Right table:

〈MSoC〉

Current Version

Model	MSOC Version
Base	F91WBM053-880

Available Version

Model	MSOC Version
Base	FM1WBM073-980

〈DSP〉

Current Version

Model	DSP Version
Base	02.5D.02

Available Version

Model	DSP Version
Base	02.5D.02

〈VCPU〉

Current Version

Model	VCPU Version
Base	F91WHV010-780

Available Version

Model	VCPU Version
Base	F91WHV010-780

v. After "Software update complete" appears in the CID, click "OK" on the SSM5 screen.

Reprogramming executing

CCU

Status : Reprogramming is in progress.

When the Center Information Display shows "Software update completed" and the OK button is displayed, press the OK button on the screen and then press the OK button below.

[OK]

vi. Confirmation screen will be displayed as shown below. Check the box and click [OK].

Completion confirmation

Caution!

IG-OFF during software update may damage the system.

Confirm that "Software update completed" is displayed on the Center Information Display, and click OK.

☑ Confirmed that reprogramming has been completed.

[OK]

vii. Follow TSB 14-28-21 "New Software Reprogramming Procedures / SSM5-R" STEP 16 - STEP 20 to complete update verification procedure. If the software update has been completed correctly, it will display "Reprogramming completed". Remove the USB drive from the vehicle and click on "Back to Diagnosis Screen".

Note: It is very important to complete software update verification for the server to get all required details for the VIN and store that information for future applications. For example, campaign or recall eligibility or claim eligibility verification etc.

Continued...

viii. Please verify that the Cockpit Control Unit's Reprogramming availability is set to 'Not Available.' The software update process is completed at this point.

Applicable System	CID / ROMID / SWID	Reprogramming availability Campaign	Reprogramming availability Other	Equipped ▲	Communication
Airbag	9220120002	Not Available	Not Available	Equipped	Communicating
Central Gateway	4732313030	Not Available	Not Available	Equipped	Communicating
Telematics	3400220680	Not Available	Not Available	Equipped	Communicating
Engine	XE1W011Y00G	Not Available	Not Available	Equipped	Communicating
EyeSight	0A21080235042108012E	Not Available	Not Available	Equipped	Communicating
Blind Spot Detection/Rear Cross Traffic Alert	LH : 0000720000 RH :	Not Available	Not Available	Equipped	Communicating
Keyless Access with Push Button Start(Collation)	0102001051	Not Available	Not Available	Equipped	Communicating
Keyless Access with Push Button Start(Power Supply)	0102001151	Not Available	Not Available	Equipped	Communicating
Brake Control	A220241703	Not Available	Not Available	Equipped	Communicating
Air Conditioner	1300110002	Not Available	Not Available	Equipped	Communicating
Electric Brake Booster	B220240103	Not Available	Not Available	Equipped	Communicating
Front Relay Control Module	0000000081	Not Available	Not Available	Equipped	Communicating
Combination Meter	7000000301	Not Available	Not Available	Equipped	Communicating
Transmission	4012354350	Not Available	Not Available	Equipped	Communicating
Tire Pressure Monitor	0003030201	Not Available	Not Available	Equipped	Communicating
Power Steering	2AD0000901	Not Available	Not Available	Equipped	Communicating
Body Control	004783D085	Not Available	Not Available	Equipped	Communicating
Cockpit Control Unit	71M2TGj%%UkPi	Not Available	Not Available	Equipped	Communicating
Monocular Camera	464E533332	Not Available	Not Available	Equipped	Communicating
Driver Monitor	-	-	-	Not Equipped	No communication
Front Corner Radar	-	-	-	Not Equipped	No communication

CAUTION: Once you have performed a software update, you cannot start the next software update until the "Software update setup is initializing…" process is completed. If the Initializing screen is displayed, please wait for about 30 minutes until it is finished. While waiting for Initializing to complete, it is possible to turn the ignition on and start the engine. See **Appendix 5 (page 27)** of this bulletin if need additional information.

ix. Display the System Information/Version information following step 1b from page 4 to confirm the software has been updated to match a new version from the Software Version Table below.

NOTE: The new Software Version number must be entered when prompted at claim entry.

Continued...

Software Version Table

Version Table
IMPREZA CROSSTREK

24MY	Model	MSOC Version
	High	FM1WHM073-980
	Mid	FM1WMM073-980
	Model	DSP Version
	High/Mid	02.5A.04
	Model	VCPU Version
	High/Mid	F71SHV011-680

Version Table
IMPREZA CROSSTREK

24MY	Model	MSOC Version
	Base	FM1WBM073-980
	Model	DSP Version
	Base	02.5A.04
	Model	VCPU Version
	Base	F71SHV011-680

Version Table
WRX

24MY	Model	MSOC Version
	High	FM1WHM073-980
	Mid	FM1WMM073-980
	Model	DSP Version
	High/Mid	02.5E.02
	Model	VCPU Version
	High/Mid	FK1WHV010-880

Version Table
LEGACY/OUTBACK

25MY	Model	MSOC Version
	High	FM1WHM073-980
	Mid	FM1WMM073-980
	Model	DSP Version
	High/Mid	02.5F.02
	Model	VCPU Version
	High/Mid	FC7WHV010-180

Version Table
LEGACY/OUTBACK

25MY	Model	MSOC Version
	Base	FM1WBM073-980
	Model	DSP Version
	Base	02.5F.02
	Model	VCPU Version
	Base	FC7WHV010-180

Version Table
FORESTER

25MY	Model	MSOC Version
	High	FM1WHM073-980
	Mid	FM1WMM073-980
	Model	DSP Version
	High/Mid	02.5D.02
	Model	VCPU Version
	High/Mid	F91WHV010-780

Version Table
FORESTER

25MY	Model	MSOC Version
	Base	FM1WBM073-980
	Model	DSP Version
	Base	02.5D.02
	Model	VCPU Version
	Base	F91WHV010-780

x. Turn the ignition OFF, open the driver's door then close the driver's door to complete the procedure.
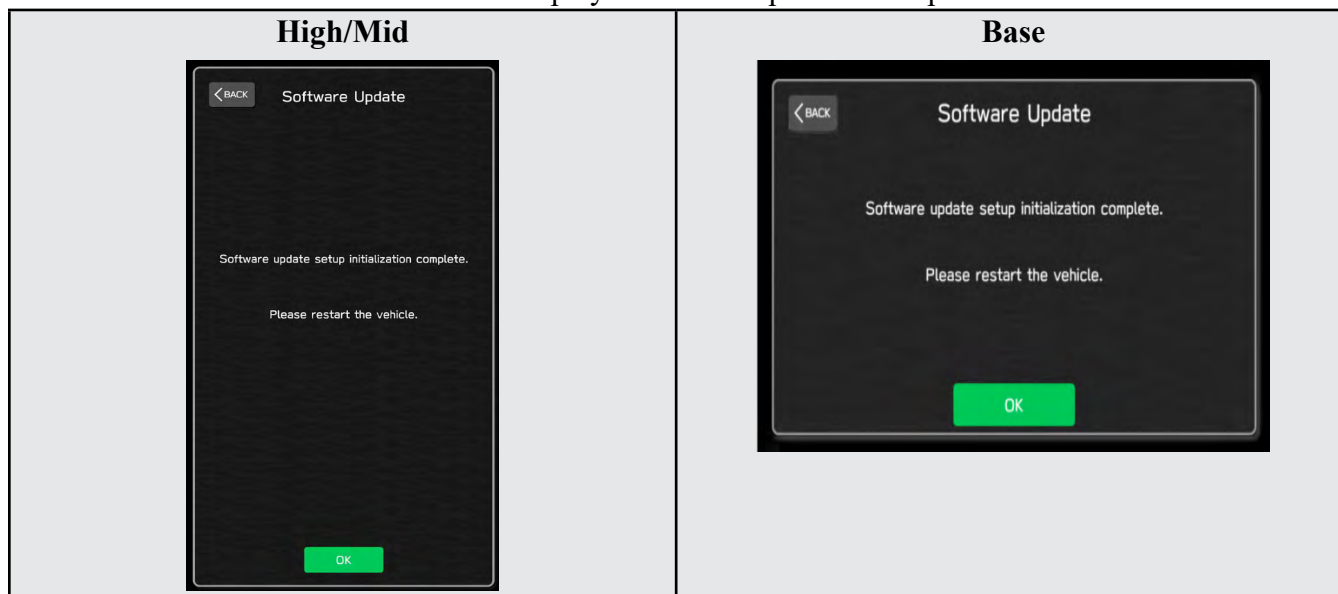
Continued...

APPENDIX 5

Follow this procedure in the RARE case of "Software update setup is initializing…" message is displayed:

- If the screen shown below appears, **WAIT** for approximately 30 minutes or as long as necessary (waiting for longer than 60 minutes might indicate system malfunction). In that case please perform recovery according to the instructions in **Appendix 6 (page 29)** to allow the Software update setup initialization process to complete.

High/Mid	Base

- The screens shown below will be displayed when the process completes.

High/Mid	Base

Continued...

1. Turn the ignition OFF, open the driver's door, close the driver's door and **WAIT** for 3 or more minutes before proceeding further.

2. Open the driver's door again and either turn the ignition ON (if a charger is connected) or start the engine.

3. Go to Dealership Mode menu again (PRESS and HOLD the RIGHT-side temperature control buttons (both up and down) and press the Tune / Scroll knob 6 times then release all to display the Dealership Mode) and select Software Update as in **STEP 4c**.

IMPORTANT NOTE: If this procedure is required, contact Techline as additional action may be necessary.

Continued...

APPENDIX 6

In case of retrying the software update after the first attempt of update fails.
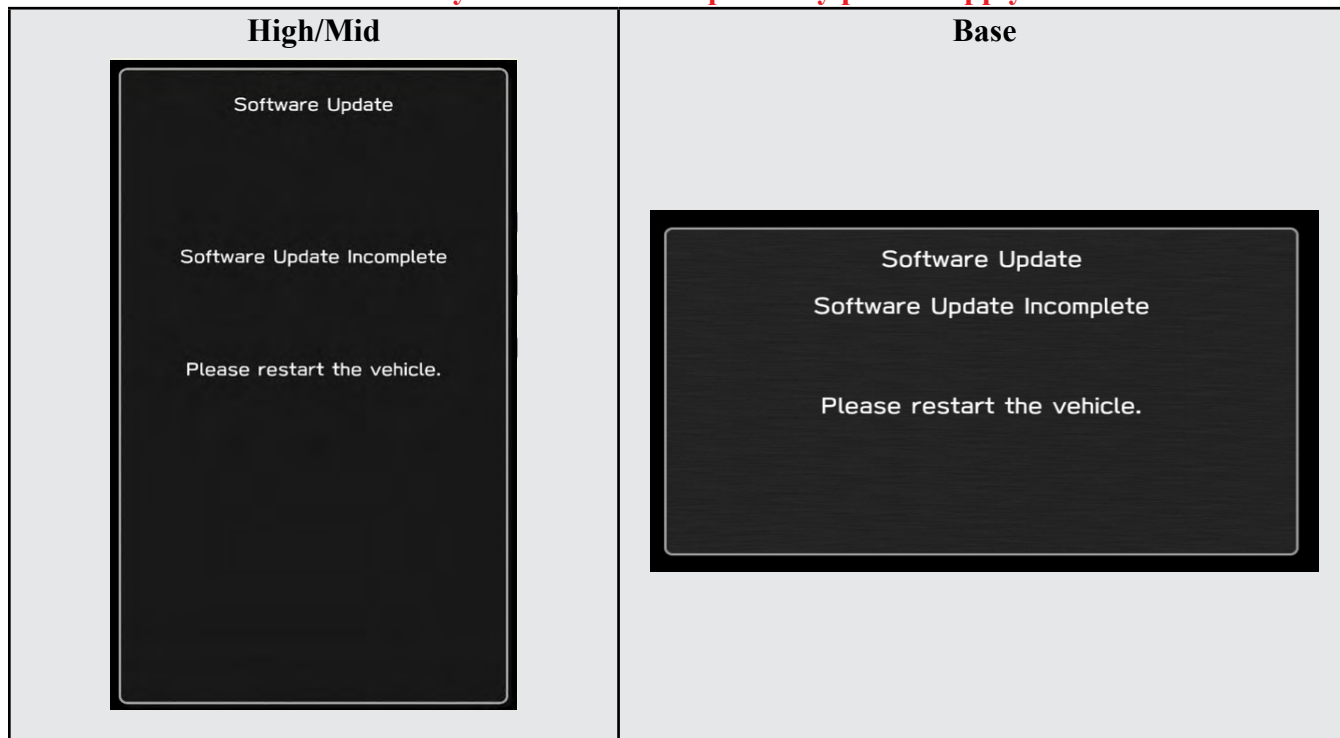
- If the first attempt of update fails with the message below, follow the steps described below 1-2 to 1-8 before retrying the software update.

1-1. Select OK in the screen below

High/Mid	Base
Software Update Software Update Incomplete Please disconnect the USB device, check the software, and try again. Vehicle restart is required to clear the error status. OK	Software Update Software Update Incomplete Please disconnect the USB device, check the software, and try again. Vehicle restart is required to clear the error status. OK

1-2. Turn the ignition switch or the engine OFF, and turn it ON again.
**Caution: Do not remove battery terminal and keep battery power supply.**

High/Mid	Base
Software Update Software Update Incomplete Please restart the vehicle.	Software Update Software Update Incomplete Please restart the vehicle.

Continued...

1-3. Select Software Update in the Dealership Mode diagnostics screen.

High/Mid	Base
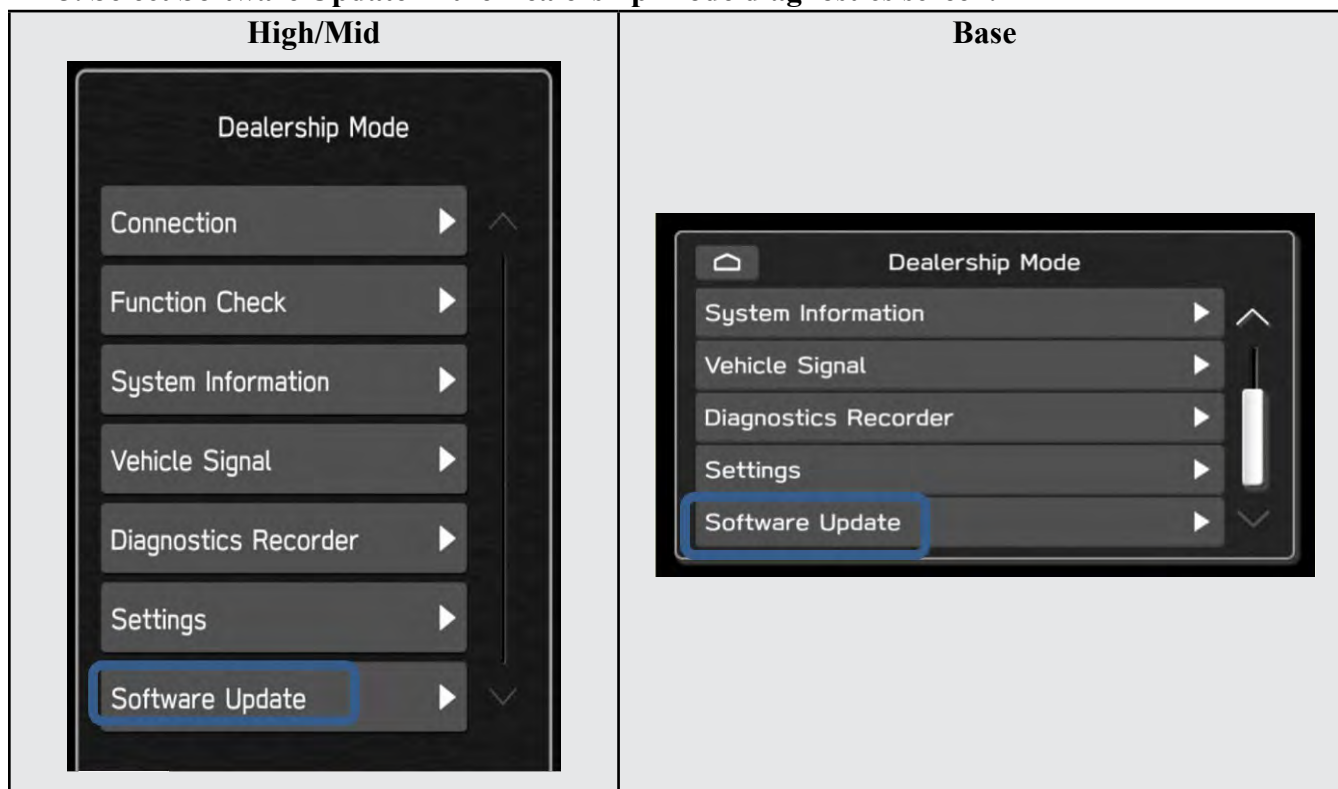
1-4. When you see the screen below, wait for approx. 15 minutes until the initialization is complete

High/Mid	Base
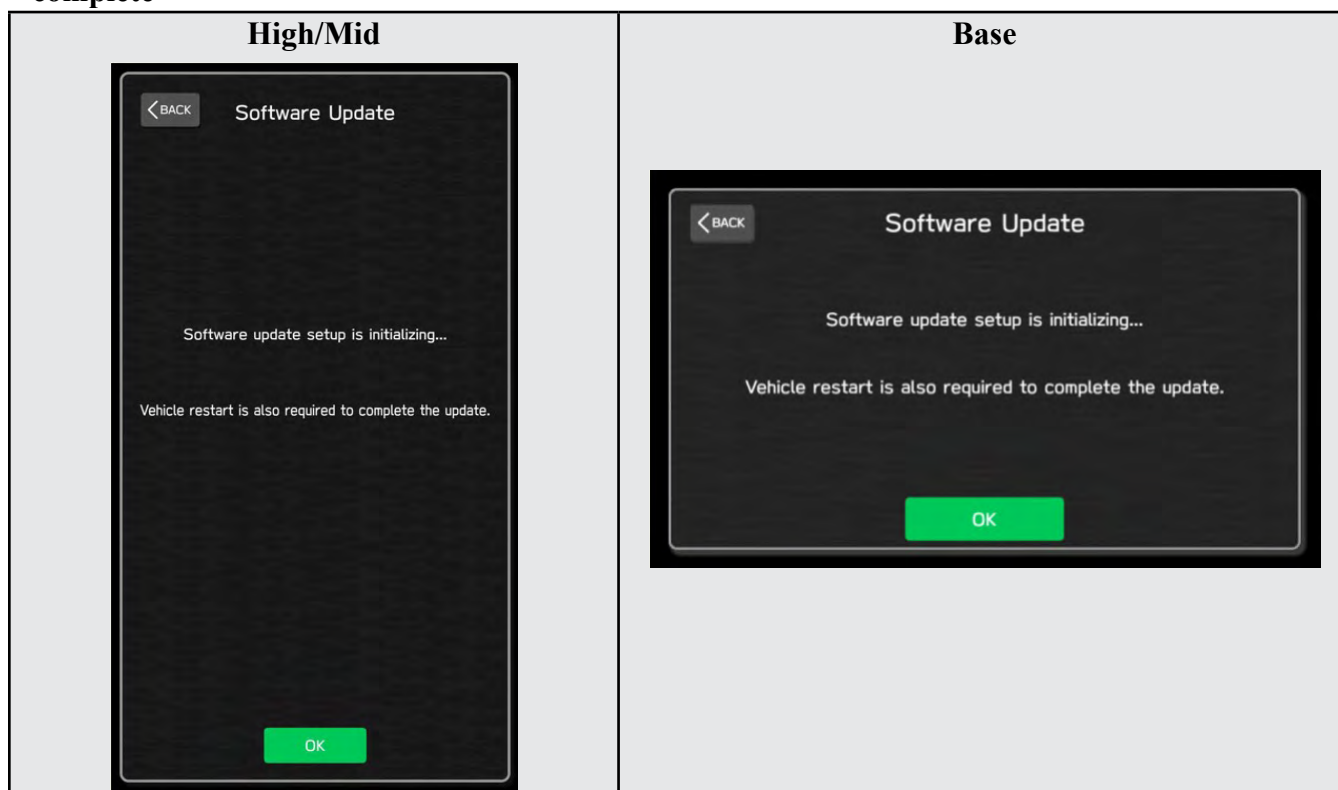
Continued...

1-5. You will see the screen below when the initialization is complete.

High/Mid	Base
‹ BACK Software Update Software update setup initialization complete. Please restart the vehicle. OK	**‹ BACK** Software Update Software update setup initialization complete. Please restart the vehicle. OK
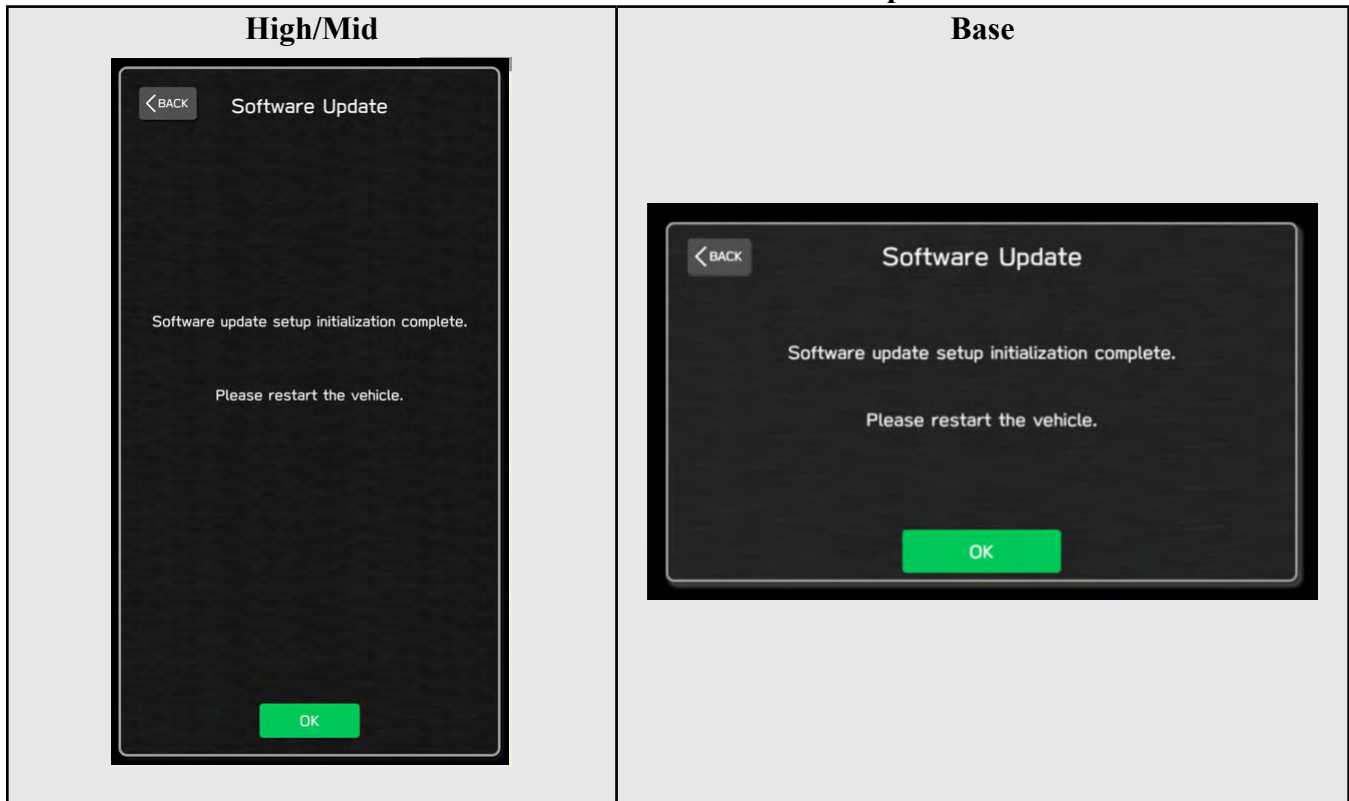
1-6. Turn the ignition switch or the engine OFF, open the driver side door and close the door then wait for 3 minutes.

1-7. Open the driver side door then turn the ignition switch or the engine ON.

1-8. Go to Dealership Mode menu again (PRESS and HOLD the RIGHT-side temperature control buttons (both up and down) and press the Tune / Scroll knob 6 times then release all to display the Dealership Mode) and select Software Update as in STEP 4c.

APPENDIX 7

In case the Gracenote update popup screen appears or software initializing screen does not go away for more than 20 minutes, please perform steps 2-1 to 2-11.

High/Mid	Base
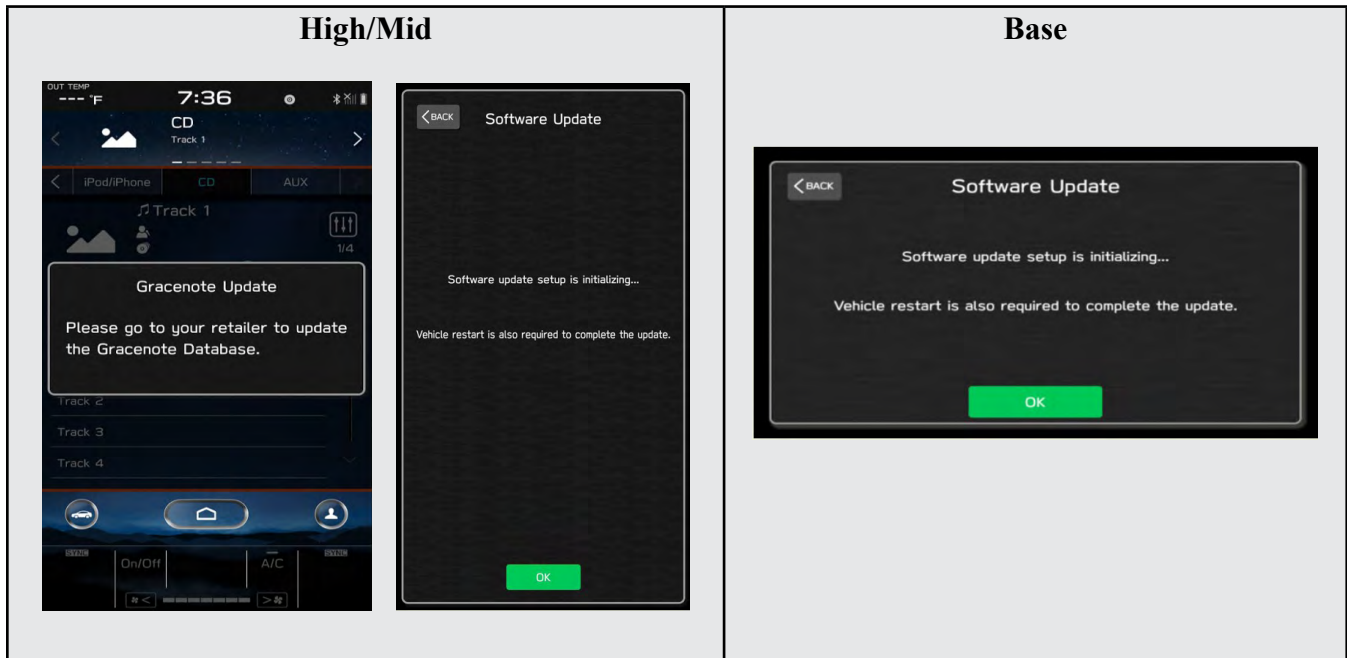
2-1. Select "Settings" in the Dealership Mode diagnostics screen.

High/Mid	Base

Continued...

Bulletin Number: 15-305-22R; Revised: 07/18/24
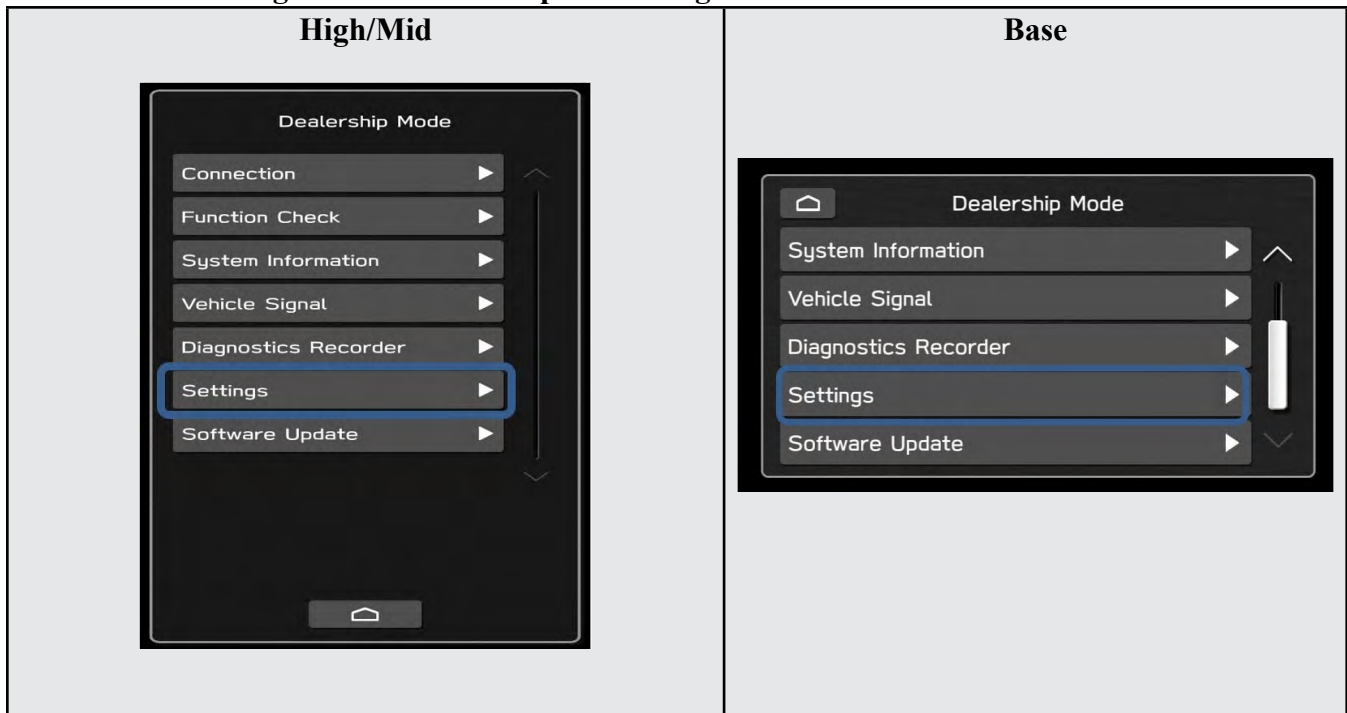
2-2. Select "Memory Initialization"

High/Mid	Base

2-3. Select "OK"
After Memory Initialization, all settings are reset to factory default.

High/Mid	Base
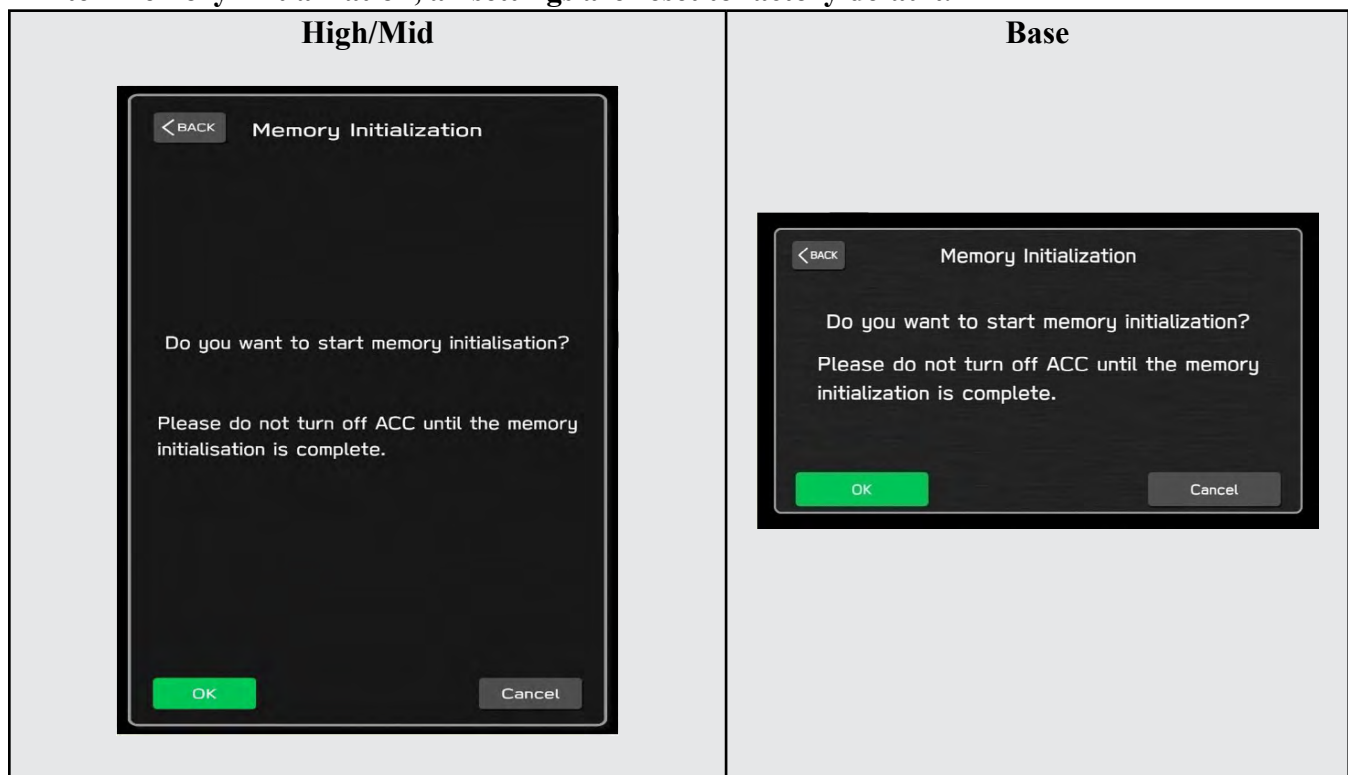
Continued...

2-4. You will see the following screen

High/Mid	Base
Memory Initialization Memory initializing... Please do not turn off ACC until the memory initialization is complete. When initialization is complete, it will restart automatically.	Memory Initialization Memory initializing... Please do not turn off ACC until the memory initialization is complete. When initialization is complete, it will restart automatically.

2-5. After a few seconds, system restarts itself.

2-6. Select "Software Update" in the Dealership Mode diagnostics screen.

High/Mid	Base
Dealership Mode Connection ▶ Function Check ▶ System Information ▶ Vehicle Signal ▶ Diagnostics Recorder ▶ Settings ▶ Software Update ▶	**Dealership Mode** System Information ▶ Vehicle Signal ▶ Diagnostics Recorder ▶ Settings ▶ Software Update ▶
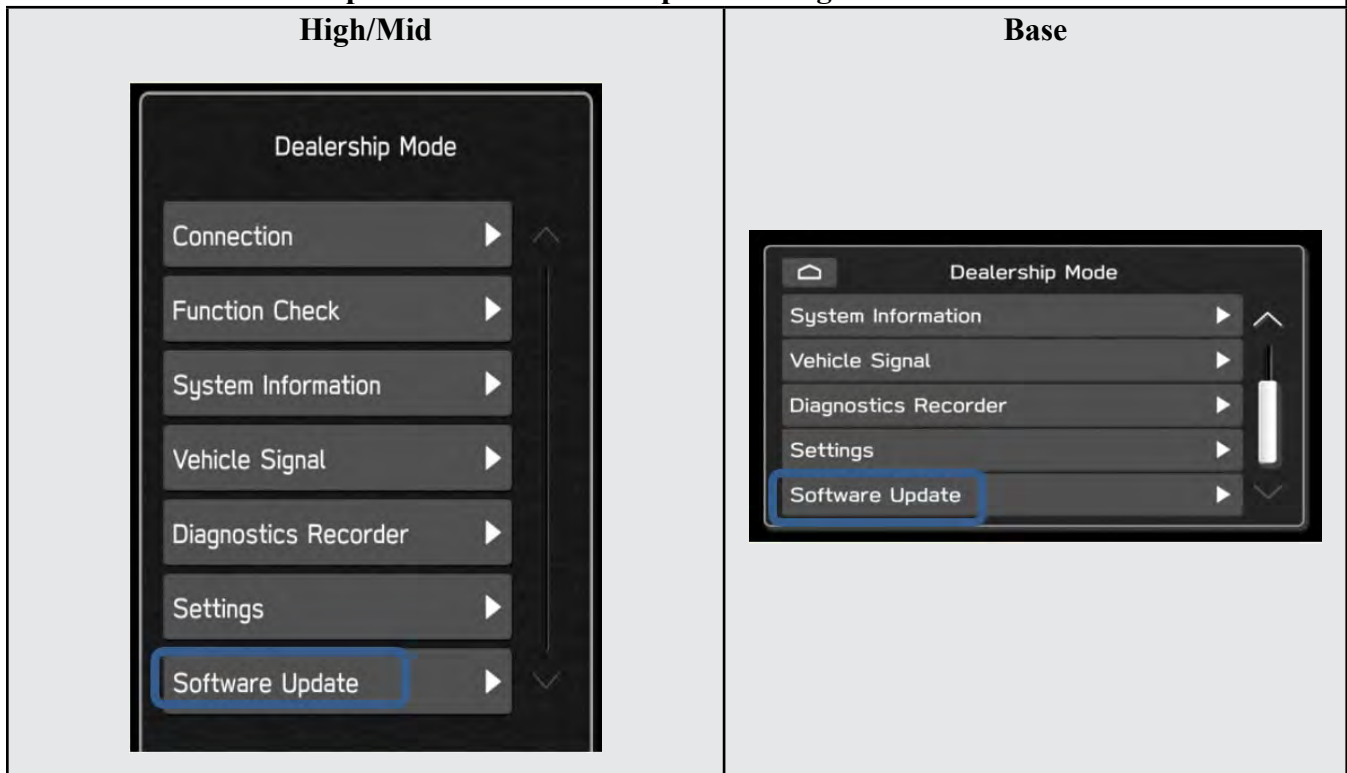
Continued...

2-7. When you see the screen below, wait for about 15 minutes until the initialization is complete

High/Mid	Base
Software Update — Software update setup is initializing... Vehicle restart is also required to complete the update. OK	Software Update — Software update setup is initializing... Vehicle restart is also required to complete the update. OK

2-8. You will see the screen below when the initialization is complete.

High/Mid	Base
Software Update — Software update setup initialization complete. Please restart the vehicle. OK	Software Update — Software update setup initialization complete. Please restart the vehicle. OK
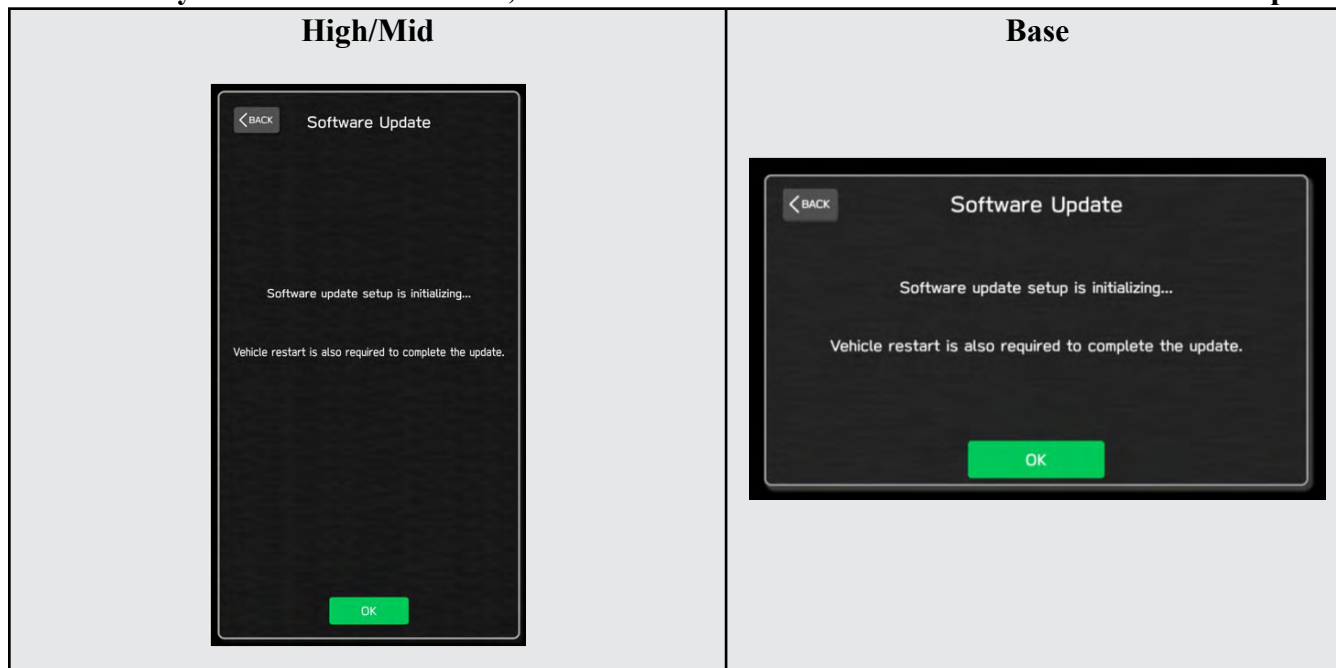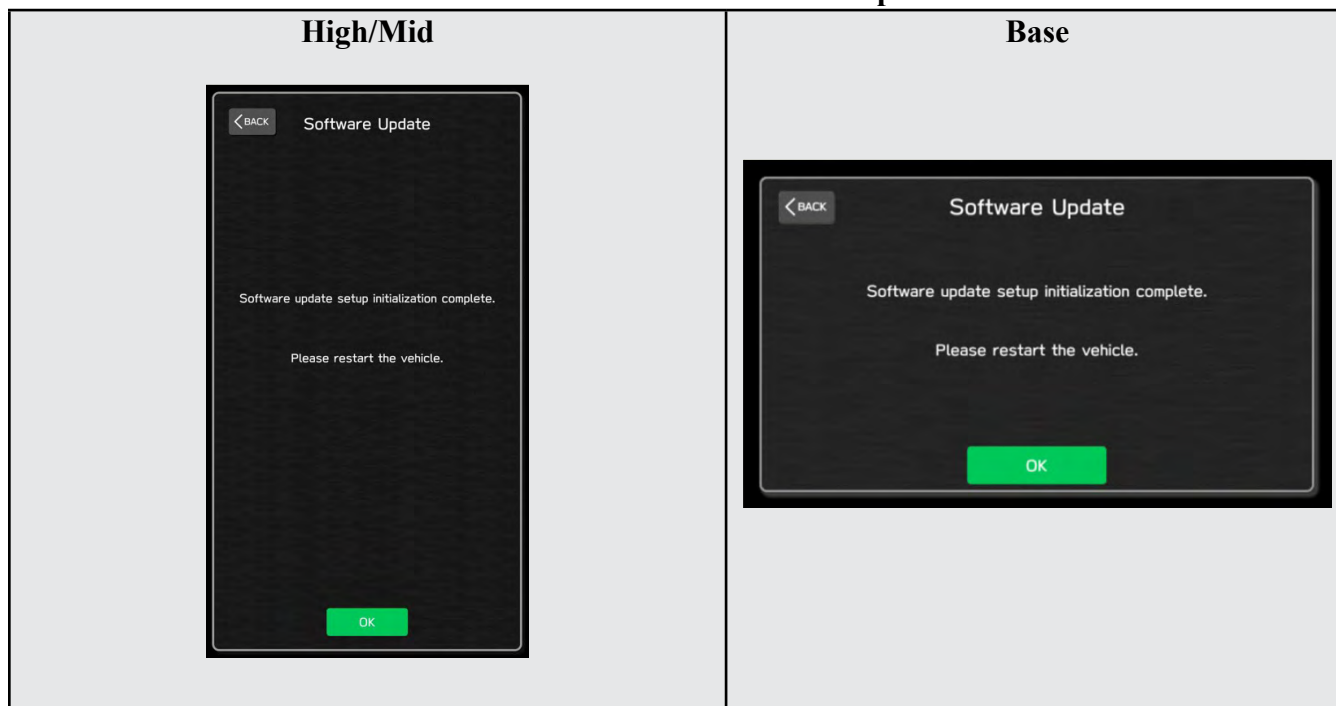
2-9. Turn the ignition switch or engine OFF, open the driver side door and close the door then wait for 3 minutes.

2-10. Open the driver side door then turn the ignition swatch or engine ON.

2-11. Go to Dealership Mode menu again (PRESS and HOLD the RIGHT-side temperature control buttons (both up and down) and press the Tune / Scroll knob 6 times then release all to display the Dealership Mode) and select Software Update as in STEP 4c.

Continued...

APPENDIX 8

Denso Gen 4.5 Software Update Timeline (*TSB Number: 15-305-22*)

Update #	MY	Version	Release Date:	NEW Version ID #:	Conditions Addressed:
0	2023	0	9/1/2022	F61WHM013-280 (High model software) F61WMM013-280 (Mid model software) F61WBM013-280 (Base model software)	SOP for 23MY Outback/Legacy
1	2023	RC1	11/11/2022	F61WHM023-580 (High model software) F61WMM023-580 (Mid model software) F61WBM023-580 (Base model software)	- See "Conditions Addressed by Update #1" as outlined in Appendix 9 (page 37) below
2	2023	RC2	2/24/2023	F61WHM033-681 (High model software) F61WMM033-681 (Mid model software) F61WBM033-680 (Base model software)	- See "Conditions Addressed by Update #1" as outlined in Appendix 9 (page 37) below
		RC2 (FOTA Software Version)	6/1/2023	F61WMM033-270 (MID FOTA SOFTWARE) F61WMM033-570 (MID FOTA SOFTWARE) F61WHM033-270 (HIGH FOTA SOFTWARE) F61WHM033-570 (HIGH FOTA SOFTWARE)	
3	2023-2024	RC4	2/23/2024	F91WHM053-880 (High model software) F91WMM053-880 (Mid model software) F91WBM053-880 (Base model software)	- See "Conditions Addressed by Update #3" as outlined in Appendix 9 (page 37) below
4	2023-2025	RC5	7/1/2024	FM1WHM073-980 (High model software) FM1WMM073-980 (Mid model software) FM1WBM073-980 (Base model software)	- See "Conditions Addressed by Update #4" as outlined in Appendix 9 (page 37) below
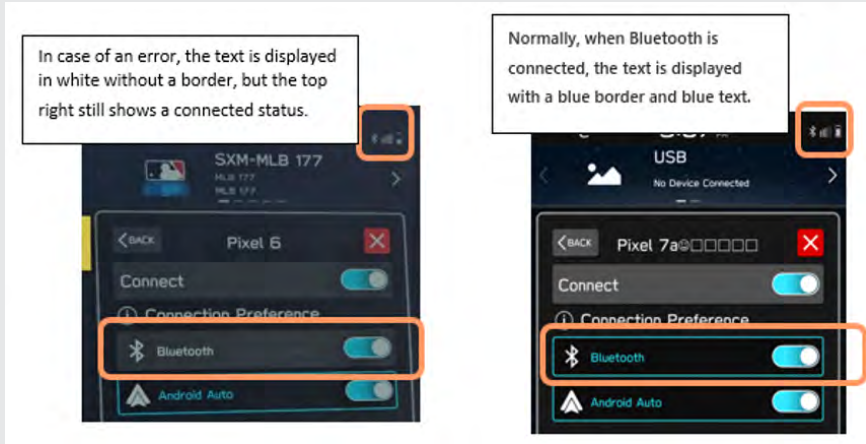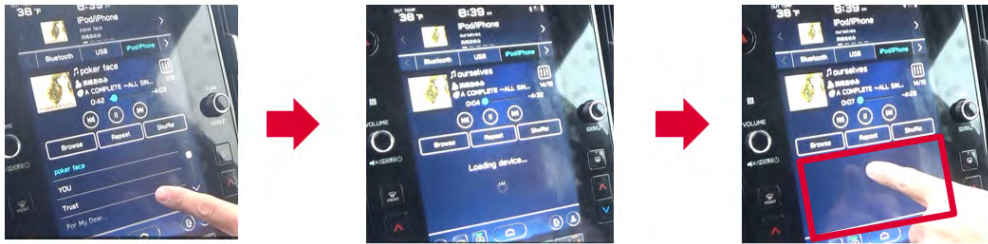
Continued...
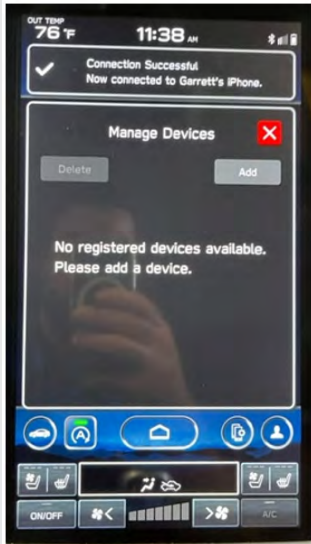
Symptoms Addressed By Update #4:

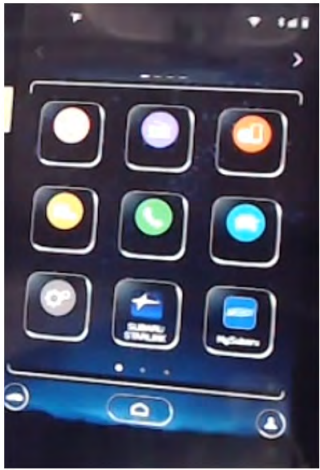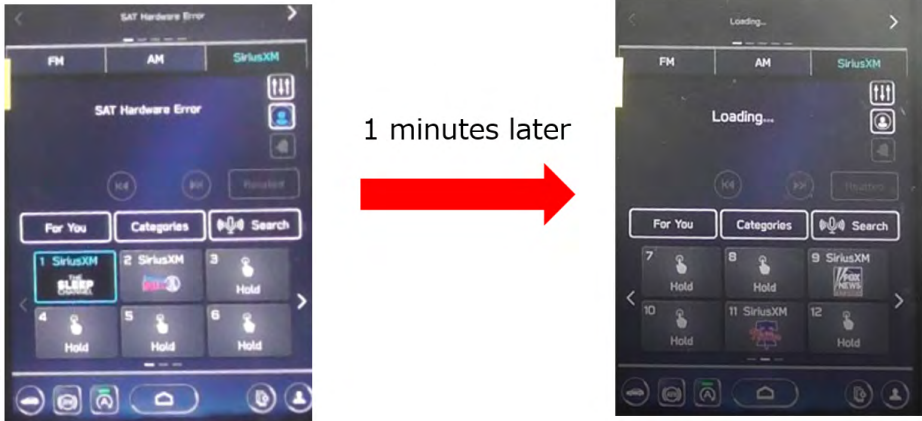| Number	Category	Symptoms to be Improved:
1	**Reset**	CID screen (CCU) repeatedly resets every 3 minutes.
2	**CarPlay**	Wireless conenction drops while using wireless CarPlay due to external signal interference from surrounding facilities etc. (only applicable to HIGH and MID trim)
		During CarPlay handsfree call receiving party is not able to hear the caller as the microphone data is muted
3	**AndroidAuto**	When wireless AndroidAuto connection failed, the same connection failure error was displayed in all cases. Since it was difficult to understand how to deal with the problem, the connection failure error was divided into several phases. 1st step: Bluetooth connection phase 2nd step: Confirmation phase of Wi-Fi connection information 3rd step: Wi-Fi connection and Android Auto connection phase Failure in the 1st step: Various error messages are displayed to try the user to redo the connection procedure. Failure in the 2nd step: When an error occurs, an automatic retry is performed by internal processing, and the screen indicates that a retry is in progress. Failure in the 3rd step: The timer for determining failure is too long, so it is changed from 130 seconds to 45 seconds to shorten the time until the error message is displayed. (only applicable to HIGH and MID trim)
		When the USB cable is disconnected while using Android Auto with wired connection (USB connection), automatic switching connection to wireless Android Auto connection may fail. (only applicable to HIGH and MID trim)
		Wireless Android Auto connection fails. (only applicable to HIGH and MID trim)
		The Android Auto icon does not appear on the Home screen; pressing the Android Auto icon from the Apps screen does not activate wireless Android Auto. (only applicable to HIGH and MID trim)
		AndroidAuto connection via USB connection sometimes fails. (Caused by the USB connection mode connecting the Android device to the on-board device not switching in the expected order)
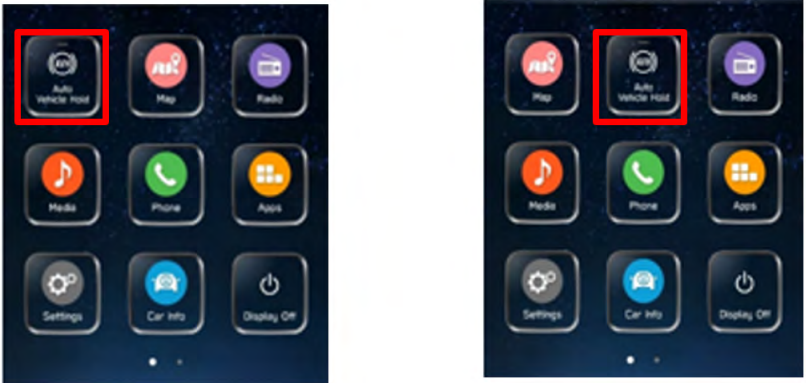
Continued...

Number	Category	Symptoms to be Improved:
4	**Bluetooth**	1. Toggling the CarPlay ON/OFF switch multiple times on the Manage Devices screen while the iPhone is connected via USB, may result in a ""Bluetooth connection unavailable"" state. It is the same as a ""CarPlay connection unavailable"" state. Bluetooth icon in the top right corner of the CID screen may still indicate a connected state. 2. When multiple Android Devices attempt to connect during ignition on, it may result in a "Bluetooth connection unavailable" state. It is the same as a "wireless Android Auto connection unavailable" state. Bluetooth icon in the top right corner of the CID screen may still indicate a connected state. Bluetooth connection may not be available and the pairing Delete may not work. (only applicable to HIGH and MID trim)
5	**Audio**	(1) After ignition on, the audio may not return to the audio that was playing at the previously played audio. (2) Audio sound may not sound immediately after ignition on. On iPhone audio with iOS 16.4 or later the song list disappears when a song in the playing playlist is selected. (only applicable to HIGH and MID trim) After ignition on it may take approximately 16 seconds for iPod audio audio to play. (only applicable to HIGH and MID trim)
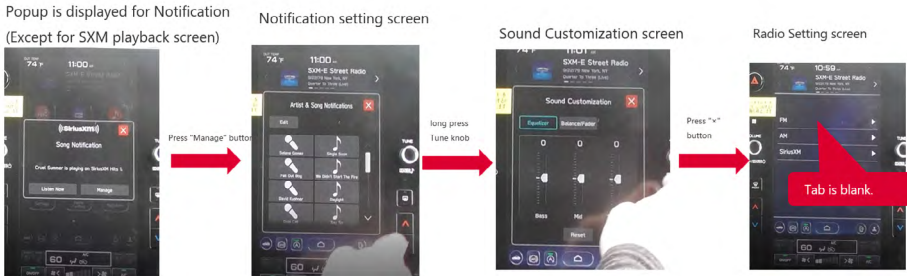
Number	Category	Symptoms to be Improved:
6	**Display**	The registered mobile device information is not displayed on the Manage Devices screen. (This occurs when the name or device ID of a mobile device contains a character code that cannot be displayed.) (only applicable to HIGH and MID trim)

		The order of 1.First Name and 2.Family Name in the phone book is set to 1.→2. even if the order is set to 2.→1.
		The message function may become unavailable following repeated page scrolling up and down of the list on the phone's message list screen. (only applicable to HIGH and MID trim)
		When transitioning to the maintenance screen and the setting value is set to AUTO, a popup prompting the user to sign a MySubaru contract is displayed and the setting is switched to Manual. (only applicable to HIGH and MID trim)
		When turning off and on while two or more shortcuts of DMS/SRH/SRVD icons are set on the Home screen, the order of icons changes from DMS to SRVD, SRH, VDC, AVH, and ISS.
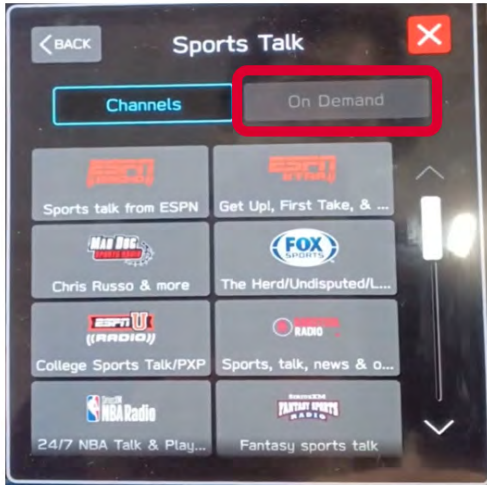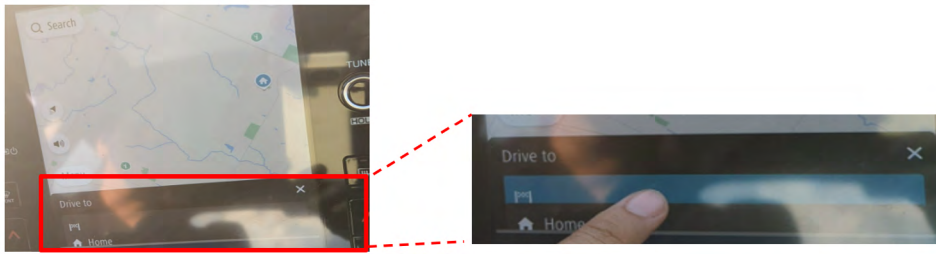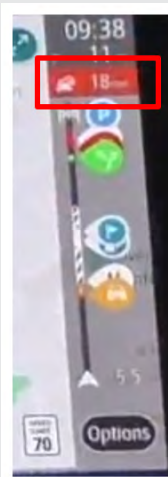
Continued...

Number	Category	Symptoms to be Improved:
6	**Display**	The AVH icons on the HOME screen are initially lined up next to the Valet-Mode icon. However, in some cases they are placed at the top (upper left corner of the first page) or next to the MAP icon. (only applicable to HIGH and MID trim)
		After switching the clock function to AUTO, the CID screen display may become distorted. (only applicable to HIGH and MID trim)
		It may take accessive time to start the CID screen after ignition on.
7	**SXM**	The first time ignition on after the CCU software update added the SXM360 functionality, the SXM playback screen may remain at "Loading..." after the CCU software update. 1 minutes later
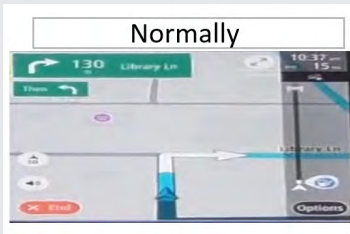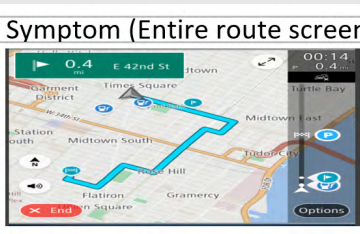
Continued...

Number	Category	Symptoms to be Improved:
7	**SXM**	The SXM function will not accept any further operations during playback of SXM360 IP communication channel. After the progress bar is displayed with silence due to communication break-down, etc., operate IRPLay/Pause.
		Operation of SXM function becomes unresponsive and SXM function restarts if the user quickly alternates between SXM satellite and IP channels
		Playback may not start when perform fast switch of SXM channel selection Selecting an SXM channel using steering wheel switch
		After booting, the SXM playback screen may remain blank for about 45 seconds.
		After ignition off/on, SXM may play a channel that was not the last channel played.
		When viewing preset registered SXM IP channels with the steering wheel switch to feed presets and switch preset pages, the list may not switch.
		Screen remains on FM/AM, SXM with the sound pn and off, asfter switching audio source to FM/AM from SXM.
		The tab buttons for switching settings items may not be displayed. From the SXM Notification screen, press and hold the Tune knob button to enter the Sound Settings popup screen. Close the popup with the × button to transition to the Radio Settings screen. Popup is displayed for Notification (Except for SXM playback screen) Notification setting screen Sound Customization screen Radio Setting screen

Continued...

Number	Category	Symptoms to be Improved:
7	SXM	In the SXM screen, the On Demand button in the upper right corner is grayed out and cannot be operated in the Sports→ Sports Talk screen. (only applicable to HIGH and MID trim)
8	Navi	After booting, the Map screen may not appear even if the Map icon on the Home screen is pressed. (only applicable to HIGH trim)
		Three destination suggestion displays in the navigation system are sometimes displayed overlapping each other. Originally, up to three destination suggestions are displayed at the bottom of the screen when the navigation system is started. (only applicable to HIGH trim)
		The total delay time due to traffic and other factors is not displayed at the top of the navigation route bar. (only applicable to HIGH trim)

Continued...

Number	Category	Symptoms to be Improved:
8	**Navi**	When turning ignition off and on while the Map screen is displayed, the message ""Loading Navigation..."" may remain on the screen, and the Map screen may not be displayed. (only applicable to HIGH trim) The route guidance operation starts with the screen displaying the entire route to the destination. Your Information & Privacy screen is displayed when the navigation system is booting for the first time and you have not accepted the privacy policy. Set the destination of the navigation system by voice recognition commands, launch the navigation screen. (only applicable to HIGH trim) While driving with the navigation destination set, the estimated time of arrival may be interrupted halfway through the speech, and after that the navigation voice guidance may not sound. (only applicable to HIGH trim) When a destination is set and the map data of the state through which the route passes is updated during route guidance, the navigation application may be restarted or the route in the route guidance may disappear. (only applicable to HIGH trim)

Continued...
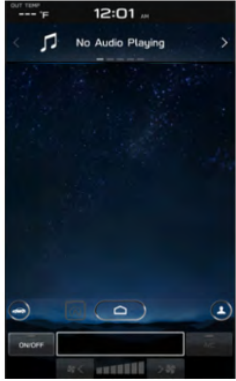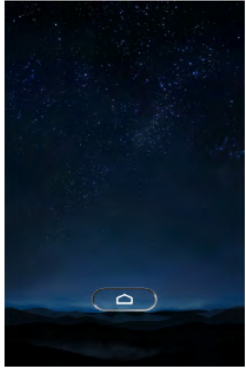
Number	Category	Symptoms to be Improved:
9	**Audio/Voice recognition**	The record of the boost peak value may be reset after the engine is started. (only applicable to WRX model)
10	**SUBARU STARLINK**	Delete Subaru STARLINK function icons and setting items on the CID screen. Note: Subaru STARLINK apps service was ended in 2023 years.
11	**Translation**	The screen display containing the word "Depress" was mistranslated in four languages (Canadian French, European French, Slovak, and Malay) to mean "Release the brake" instead of "Depress the brake". Among the error messages in case of CarPlay connection failure, there was a screen that corresponded only to English. Support translations for languages other than English.
12	**Performance**	After ignition on, screen operation may be slow when using CarPlay or other functions without once starting Map. (only applicable to HIGH trim)

New Functions and Enhancements included in Update #4:

Number	New Function or Enhancement
1	The certificate of the data distribution server for the map update service by MapOTA (MOTA) will be changed from 2025, and the previous server certificate will no longer be able to connect. Therefore, the updated server certificate will be added. (See **Appendix 10 (page 76)** for more details)

Continued...

Bulletin Number: 15-305-22R; Revised: 07/18/24   Page 44 of 76

Symptoms Addressed By Update #3

Number	Category	Symptoms to be Improved:
1		-After turning ignition ON, the "CAUTION" screen is displayed for 2 minutes. After the "CAUTION" screen is displayed, a reset may occur.
		-During Bluetooth audio playback, the CID screen may turn to a black screen.
		-When shifting from R to any other gear immediately after starting the engine, the CID screen takes some time to return to the home screen, displaying only a background (only applicable to HIGH trim)
	Black Display	-Right after starting up, the CID displays only background without icons and no further operation can be done (not applicable to WRX)
		After engine starts, only the black frame of the Caution screen display may remain on the CID screen. The rear view camera can be displayed by shifting to shift R.

Continued...

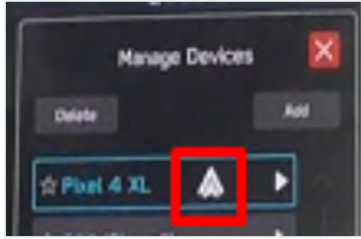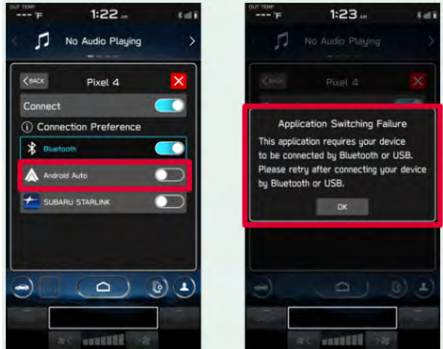| Number	Category	Symptoms to be Improved:
2	Reset	- When an iPhone/iPod is connected via USB cable and connected as an iPod audio device instead of CarPlay, the CID screen may reset when song information is received. (This occurs when some of the song information data sent by the iPhone/iPod is missing)
		- Shortly after turning the ignition on, the CID screen reboots (not applicable to WRX)
		When turning ignition on/off repeatedly, the CID screen may restart after startup (not applicable to WRX)
		- After Turning ignition on, the CID screen may restart repeatedly in 2-3 minute cycles (not applicable to WRX)
		- After starting the engine, the CID screen (CCU) resets approximately 3 minutes later (not applicable to WRX)
		- After performing the Factory Data Reset, there is a mechanism to restart the CCU once, but it repeats another restart after displaying the Caution screen immediately following the initial reboot (not applicable to WRX)
		- The CID screen suddenly reboots due to audio functionality problem (It is difficult to visually distinguish this reset from other types of resets) (not applicable to WRX)
		- When multiple reminders for maintenance dates, birthdays, and anniversaries are set and nearing, a series of pop-up notifications appear on the CID screen after starting the engine. If you try to delete a reminder right before it switches to the next one, the CID screen may reboot (not applicable to WRX) ![Reminder Screen with Maintenance, Birthday, and Anniversary toggles]
		- Performing the following steps may lead to the CID screen rebooting again a few seconds later (not applicable to WRX): 1. Turn on the Valet Mode function. 2. Long-press the Volume knob to forcefully trigger a reboot of the CID screen. 3. When the reboot begins, and the CID screen goes dark, turn the IGN-OFF and immediately open and close the door. 4. When the CID screen reappears, turn the ignition on.
		- CID screen restart may occur about 6 minutes after engine start due to a radio tuner startup failure (This symptom is indistinguishable from other CID screen restarts) (not applicable to WRX)

Continued...

Number	Category	Symptoms to be Improved:
2	**Reset**	- When the automatic map data update function is set to ON (as shown in the example) the CID screen may restart after engine startup (only applicable to HIGH trim) - TomTom navigation (map) application suddenly restarts (only applicable to HIGH trim)
3	**CarPlay or Android Auto projection application**	- Add a function that, when there is no response from the iPhone for a certain period while CarPlay is being connected, the source is changed automatically to Bluetooth audio with message displayed "CarPlay music playback is not available" (not applicable to WRX)
		- Bluetooth, AndroidAuto, and CarPlay may become unavailable when CarPlay is connected to an iPhone via USB cable (not applicable to BASE trim)
4	**CarPlay projection application**	- Symptom 1: Automatic connection of Wireless CarPlay fails. - Symptom 2: The status bar icon at the top of the CID (Central Information Display) indicates a Bluetooth connection status, but the 'Manage Device' screen shows Bluetooth as disconnected, resulting in inconsistent information as depicted below (not applicable to BASE trim)
		- While using wireless CarPlay, the CarPlay screen may suddenly disappear and return to the HOME screen (CarPlay is ended due to the intermittent loss of Wi-Fi signal) (not applicable to WRX)
		- After unplugging and reinserting the USB cable for the wired CarPlay, the CarPlay becomes unable to launch. This issue occurs only in case of wired CarPlay (only applicable to BASE trim)
		- When using CarPlay, CarPlay may disconnect at the timing to end a Siri(*) or phone call. Also, CarPlay cannot be reconnected afterwards. (not applicable to WRX) (*) Siri is the digital assistant that is part of Apple Inc.'s OS operating systems
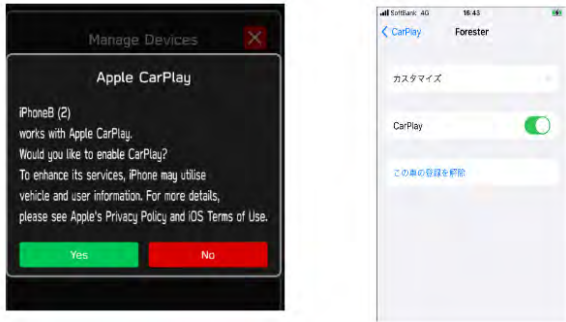
Continued...

Number	Category	Symptoms to be Improved:
4	**CarPlay projection application**	- The screen does not switch to the CarPlay screen even if the CarPlay icon on the Home screen is pressed. (This occurs if both the CarPlay screen and the automatic screen switching by some function overlap in time) (not applicable to WRX)
		- After turning the ignition off and on, wireless CarPlay does not automatically reconnect (not applicable to BASE trim)
		- When turning the ignition on, there is a failure to automatically reconnect to the previously connected wireless CarPlay (not applicable to BASE trim)
		- Automatic reconnection of Wireless CarPlay may take approximately 7 minutes. (not applicable to BASE trim)
		- If CarPlay is manually turned on from the Manage Devices screen immediately after engine starts while CarPlay is automatically connected, CarPlay cannot be activated (not applicable to BASE trim)
		- CarPlay cannot be started immediately after engine start, when manually turn on CarPlay from ManageDevices screen.
		- CarPlay may disconnect when switching between CarPlay and other screens during CarPlay connection.
		- CarPlay will not be activated. (This occurs due to CarPlay connection authentication failure caused by corruption of certificate data read from AppleIC.)
		"- When using CarPlay, it may disconnect and not reconnect even after unplugging and plugging in the USB cable. (This occurs when there are repeated failures in data transmission/reception with the iPhone and the number of unanswered signals from the iPhone exceeds 127)"
		- When starting the engine with the iPhone connected via USB, CarPlay may not start even if the CarPlay icon on the home screen is pressed. (This can be resolved by reinserting the USB cable.) CarPlay may not start even if the CarPlay icon on the home screen is pressed.
		- When WirelessCarPlay is disconnected due to radio interference, we have incorporated improvements to avoid radio interference and make it easier to reconnect (not applicable to BASE trim)
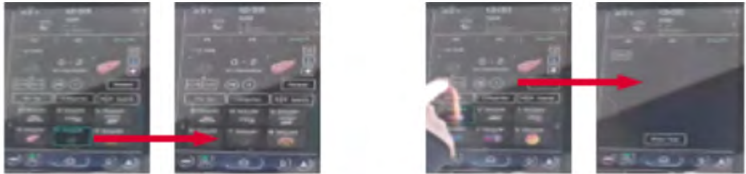
Continued...

Number	Category	Symptoms to be Improved:
5	Android Auto projection application	- When repeatedly unplugging and plugging the USB cable of an Android device during Android Auto, it may lead to the "Android Auto connected" display showing up even when Android Auto is not actually running. As a result, reconnecting the USB cable may not start Android Auto as expected (not applicable to WRX)
		- Situation: Connect a registered Android device to USB with IGN ON and, after launching the CID screen, immediately disconnect the USB. Symptoms: Even though Android Auto is not connected, the ""Connecting"" icon appears on the Manage Devices screen. Also, despite disconnecting the USB, wireless Android Auto does not connect (not applicable to WRX)
		- When you toggle on Android Auto from the Manage Device screen in CID while the Android device is not connected via USB, there may be a failure to start Wireless Android Auto (not applicable to BASE trim)
		- Wireless Android Auto disconnects (not applicable to BASE trim) Stand-by time setting for automatic disconnection in case of no response from the smartphone is changed from 3 seconds to 10 seconds
		- Add a function to automatically try to reconnect when Bluetooth or Android Auto is disconnected due to no communication response from the Android device (If there is no response from the Android device even after reconnection, it will disconnect.)
6	Audio	- After starting the engine, there is no sound from the speakers, including audio and voice guidance, and it is not possible to switch the audio source (not applicable to WRX)
		- When starting music playing on the Bluetooth audio screen, song information is displayed, the seek bar progresses, but there is no sound coming from the speakers (not applicable to WRX)
		- When the engine is repeatedly turned on and off with the driver's door open, audio and voice couldn't be heard from the speakers and the volume change operation may not work.

Continued...

Number	Category	Symptoms to be Improved:
6	Audio	- When returning to the Playlist List screen by pressing "Back" after selecting a Playlist on page 4 or later in the Playlist List screen, the Playlist List is displayed blank. Select an item on the Playlist list screen → Press "Back" on the song list screen → List is blanked out.
		- After turning ignition ON, there is no audio sound.
		- The playback starts from the first song on the USB instead of resuming from the song that was played last time. (This is more likely to occur when the number of songs on the USB is 4000 or more.) The previous audio source was USB audio. Plug in the same USB as last time and audio playback starts automatically
		- The playback song and the displayed song title are mismatched. (Playback resumes from the same song, but the displayed song title is misplaced.) After USB audio playback, edit the folder structure and song order of that USB memory stick using a computer or other device. Restart USB audio on the same USB.
7	Bluetooth	- Bluetooth connection may not become active, and it may become impossible to switch Bluetooth-connected devices, when following steps below (turning on/off the connection)(not applicable to WRX): With the CarPlay usage confirmation screen displayed on the CCU, press the 'Yes' button. Almost simultaneously, on the iPhone's settings screen, turn off the CarPlay toggle switch.
		- Even with the Bluetooth actually connected, it is treated as not connected to Bluetooth on the audio screen ('No Device Connected' is displayed, and Bluetooth audio is not playing) (not applicable to BASE trim)
		- You can't play Bluetooth audio or register and unregister Bluetooth-connected devices. This symptom may occur when there is at least one registered Bluetooth device, and you attempt to delete a registered device from the 'Manage Devices' screen (not applicable to BASE trim)
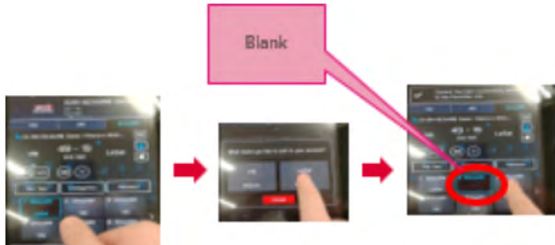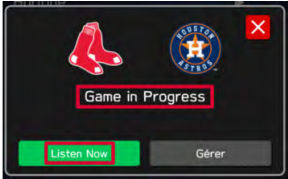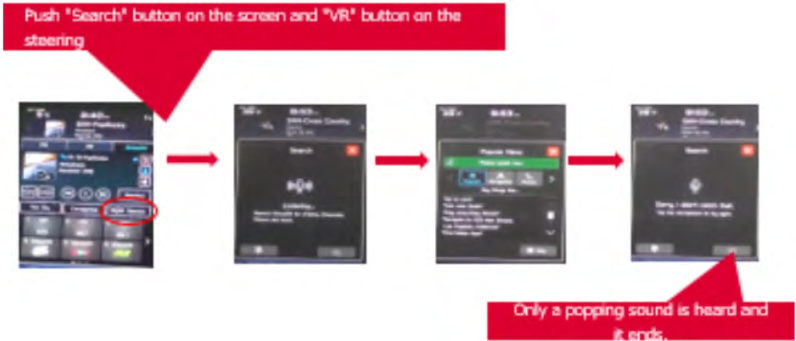
Continued...

Number	Category	Symptoms to be Improved:
7	Bluetooth	- Address vulnerabilities in the Bluetooth encryption mechanism (only applicable to BASE trim)
		- If the Bluetooth connection fails due to the loss of the link key in the phone, the following message should be changed to be displayed. Before: Connection unsucessful Please try again lager After: Connection unsucessful Please try deleting and then re-pairing your device
8	Radio	- When pressing a preset button for a registered radio channel, you can play the channel. But the button you pressed does not highlight, and you cannot operate through presets using the steering wheel controls (not applicable to WRX)
		- While listening to the radio, the audio suddenly cuts out (not applicable to WRX)
		- FM / AM radio is not available after turning ignition on
		- After pressing the radio icon from the HOME screen, FM radio may not have sound
		- The radio presets are all blank
9	SXM	- Followiwng symptoms might be observed, when the SXM satellite channel and SXM IP channel are registered alternately in the radio preset registration and the preset channel selection is switched continuously using the steering switch (not applicable to BASE trim): 1. The highlight of the radio preset disappears (It shifts from the currently selected preset) 2. Information on the radio screen becomes blank 3. SXM sound is interrupted 4. The channel does not change even if the preset button is pressed Preset button highlight disappears (shifts) The information on the screen is blank.
		- The voice search feature in SXM has difficulty recognizing spoken voices due to low microphone input volume during voice search (not applicable to BASE trim)
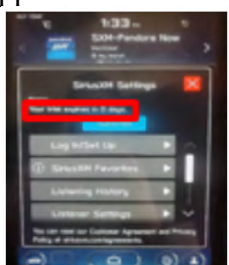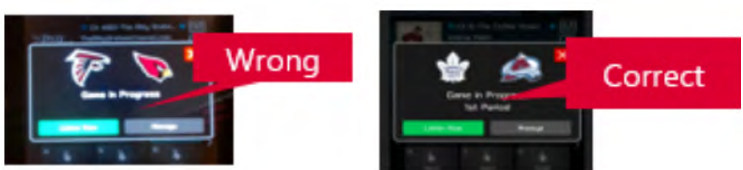
Continued...

Number	Category	Symptoms to be Improved:
9		- When performing the operation to delete SXM viewing history under a certain 'Driver Profile' state, it may result in the deletion of SXM viewing history recorded under a different 'Driver Profile' (not applicable to WRX)
		- When repeatedly switching radio preset channels using the steering wheel switch, the previous preset channel may play back and the highlight on the radio preset button disappears. Alternatively, preset channel switching via the steering wheel switch might become temporarily unavailable after a certain period (not applicable to WRX).
		- Immediately after starting the engine and navigating to the SXM screen, various SXM functions are not working. Playback channel information is not displayed on the screen. Button operations are unresponsive. SXM audio is not playing (not applicable to WRX).
	SXM	- When pressing the ""All"" tab on the TravelLink Sports screen, a blank tab screen is displayed. To navigate to the ""LPGA"" within the ""Sport""/ ""Golf"" category, you need to press it twice (not applicable to WRX).
		- While listening to the radio (FM/AM) and attempting to select a sports team channel (SXM channel) from the presets, if the chosen team has a scheduled game on that day but it hasn't started yet a popup screen displaying the game schedule appears. However, after the popup screen appears, the system returns to the previously played channel, and the SXM audio does not play (not applicable to WRX).
		- When using the voice recognition function while playing SXM channels, the SXM sound may not be heard (not applicable to WRX)
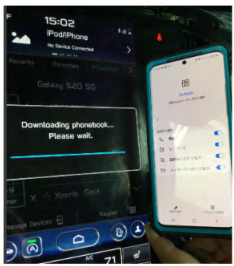
Continued...

Number	Category	Symptoms to be Improved:
9	SXM	- After registering SXM channels in the presets when pressing the preset button after a while, it receives the broadcast information and displays the channel logo on the preset button. However, when switching the audio source to AM radio afterward, the preset button returns from the channel logo to a temporary logo 'SiriusXM' (not applicable to WRX).
		- When registering SXM sports team channels to the radio preset buttons if a team for which logo image cannot be captured is registered, the channel short name will not be displayed on the registered button and the button will be blank (not applicable to BASE trim)
		- Regarding the notification information screen for SXM's sports team channel, certain text appears in English even when the language settings are set to French (not applicable to BASE trim)
		- The voice recognition function encounters an error and ends, when initiating the SXM Search feature simultaneously with the activation of the CCU unit's voice recognition
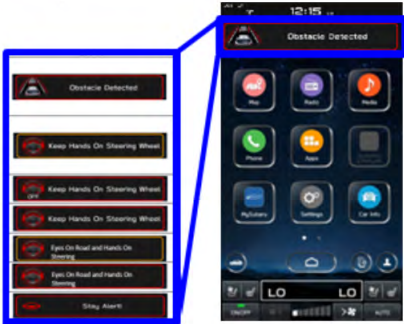
Continued...

Number	Category	Symptoms to be Improved:
9	SXM	- When switching to the SAT channel (satellite channel) immediately after selecting the IP channel (Internet channel) on the SXM360, song information is not displayed and audio playback stops (not applicable to BASE trim)
		- If the ignition-off/on operation is performed quickly immediately after ignition-on, the previously viewed channel in SXM may not start playing automatically (It will play by switching the audio source) (not applicable to BASE trim)
		- When the contract status is Demo, "Your Trial Expires in 0 Days" is displayed on the SXM Setiing screen. The display will be removed when the contract status is Demo (not applicable to BASE trim)
		- Gametime (1st Period, etc.) is not displayed on the pop-up screen of SXM Sports channel when a game starts
		- Registering a channel with blank information in presets results in a preset button with a blank label, and the channel logo is not displayed. Additionally, pressing the preset button with the blank label does not initiate playback of the channel.
		- After turning the engine on, "Loading" should appear on the channel information screen until SXM playback starts, but it does not appear and remains blank
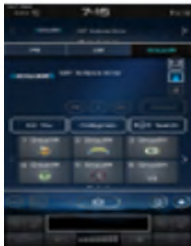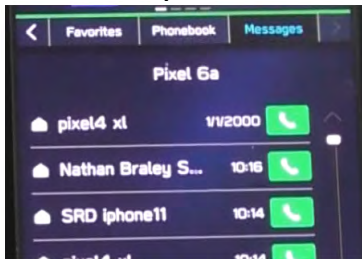
Continued...

Number	Category	Symptoms to be Improved:
9	SXM	- SXM sound stops sounding after conditions listed below: 1. Register FM station A, an SXM sports channel that is not in the middle of a game, and FM station B in the order in which they are listed in the radio presets. 2. Use the steering wheel switch to switch from FM station A to FM station B, skipping the SXM sports channel that is not in the middle of a game. 3. Just before the playback of FM station B starts, operate the steering switch seek to return to the previous channel.
		- While playing SXM's Xtra channel, "Slow Network" --> "Something Went Wrong" is displayed and no sound is heard (not applicable to BASE trim)
		- When the preset channel on the SXM is pressed, a different channel is selected instead of the registered channel
10	Phone Operation	- When don't select the phonebook contacts transfer during Bluetooth pairing, transfering the phonebook manually through screen operations can fail. Additionally, the 'Manage Devices' screen may become greyed out and unresponsive in certain instances (not applicable to BASE trim)
		- After initiating the phonebook contacts transfer from the smartphone, the transfer-in-progress screen may remain open and not automatically close even after the transfer has been completed (not applicable to BASE trim)
		- When connected to CarPlay, phone calls cannot be answered or hung up using the steering wheel controls (not applicable to WRX) (The maximum registration limit for Bluetooth-connected devices is 7, but CarPlay can control a maximum of 5 devices. Therefore, when receiving calls on the 6th or 7th phone, it was not possible to control the calls.)
		- While connecting an iPhone running iOS 16.4 to a vehicle, the SMS functionality cannot be used from the CID screen (only applicable to BASE trim)
		- The volume of the phone voice on hands-free calls is set to zero

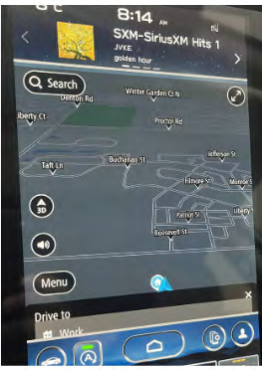| Number	Category	Symptoms to be Improved:
11	Display Appearance	- The call screen reduction appears in the Status Bar while connected to Android Auto. Originally, when Android Auto is activated during a hands-free call, the call screen reduction should disappear (only applicable to BASE trim). Even after starting AndroidAuto, small screen is not disappearing.
		- If the language setting of the CID is changed while an alarm message by the Driver Monitoring System(DMS) is displayed on the CID, the alarm will be hidden (not applicable to BASE trim)
		- When the vehicle speed is above 25 MPH(40 km)/h, the roll angle display on the Car Info screen does not become fainter (not applicable to WRX)
		- When starting the engine remotely with a registered Driver Profile, one of the following display issues occurs (not applicable to WRX): The VDC (Vehicle Dynamic Control) icon on the Home screen is not displayed and remains blank. The icon next to the VDC icon on the Home screen is not displayed and remains blank.
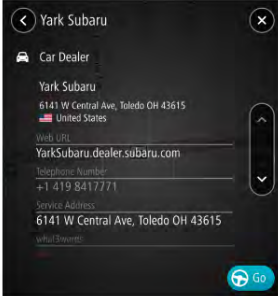
Continued...

Number	Category	Symptoms to be Improved:
11	**Display Appearance**	- When Pre-Collision Braking System is activated, a message of "Obstacle Detected" is displayed on the information bar and does not go away (not applicable to WRX)
		- During CarPlay navigation, text in the Turn By Turn information displayed in the Information Bar at the top of the CID may overlap. For example, the display of 'Unnamed road' and '**** Street 200m ↑' may overlap (not applicable to BASE trim)
		- When shifting from reverse range, the icons on the CID Home screen may not be displayed, and only background may be displayed for a few seconds (The clock at the top and the air conditioner screen at the bottom are displayed) (only applicable to HIGH trim)
		- If a hands-free call is started and the Starlink screen is activated at the same time the call ends, the Media screen (radio, Bluetooth audio, etc.) and the Starlink screen are overlapped (not applicable to BASE trim)
		- The date for the message is displayed as 1/1/2000 instead of the correct date. This occurs on some models of phones with Android OS 13 or later.
12	**Touch Operation**	- Suddenly, the touch screen on the CID (Central Information Display) becomes unresponsive, even though the screen display remains normal. (not applicable to WRX)
		- CID doesn't respond to touch (The screen is displayed and sound is played, but only the operations are not available)
13	**Navi Operation**	- When repeatedly entering text on the destination search screen, the screen may freeze, and the navigation application restarts (only applicable to HIGH trim)

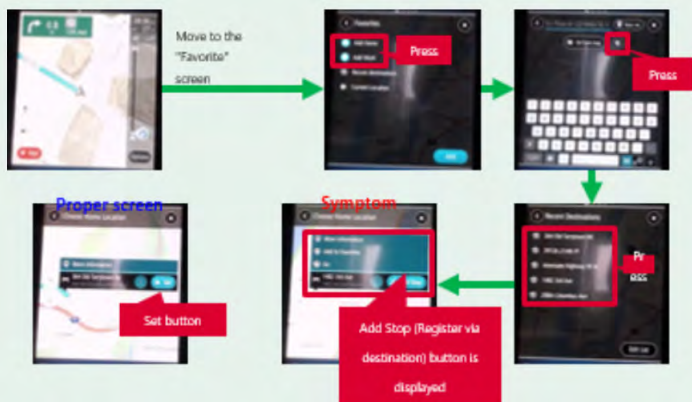| Number	Category	Symptoms to be Improved:
13		- While a detour route is suggested by NAVI system if a faster detour is found before reaching the suggested alternate point, the route bar switches to the detour display mode a few miles before the actual detour point causing an error. This detour display mode continues and the route bar becomes inoperative until passing the detour point (only applicable to HIGH trim).
	Navi Operation	- During long-distance route navigation, if you deviate from the planned route and a rerouting occurs, there is a sudden jump in your vehicle's position to New York (the default location) while the rerouting is in progress. After approximately 3 seconds, your position returns to its original location (only applicable to HIGH trim)
		- After passing through a detour point, the route bar does not return to the normal route bar from the detour route branch display on the map (only applicable to HIGH trim)
		- The color of the traffic information on the map (yellow) is incorrect. Change it to the same color as the traffic information in the route bar (orange) (only applicable to HIGH trim).

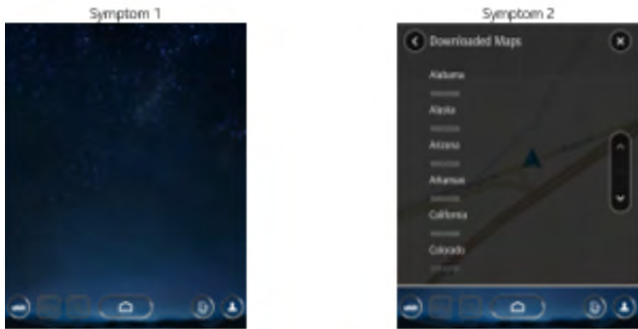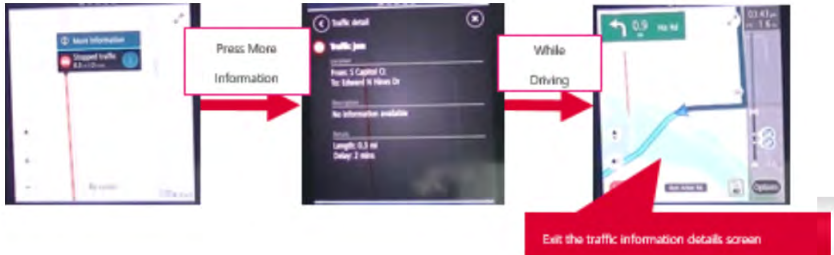| Number	Category	Symptoms to be Improved:
13	**Navi Operation**	- When you turn ignition off/on while in route guidance settings and cancel route guidance, the map scale does not return to the scale before the route was set but instead maintains the map scale during route guidance (only applicable to HIGH trim)
		- If you repeatedly press the 'Yes' button on the POI(Point Of Interest) popup, the next time a POI popup appears the 'Add Waypoint' popup also appears simultaneously causing them to overlap (only applicable to HIGH trim)
		- When the system language is set to English, the brand name of that facility is not displayed on the POI (Point of Interest) details screen. In other languages, brand names like 'Subaru' are displayed, and it should also be correctly displayed in English" (only applicable to HIGH trim).
		- In the navigation screen, the bottom of the destination suggestion list's popup screen is cut off and not fully displayed (only applicable to HIGH trim)
		- Performing the following steps may cause the map scale to change to the default scale instead of the one you've set (only applicable to HIGH trim): 1. Display the map (with the set scale). 2. Ignition off/on. 3. Change the map display mode (North-Up → Heading-Up). "

Continued...

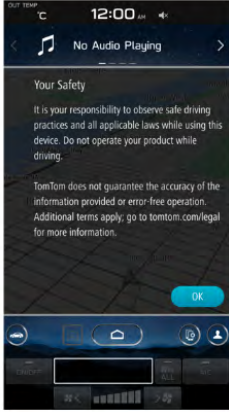| Number	Category	Symptoms to be Improved:
13	**Navi Operation**	- During map data updates, if you switch off the Wi-Fi function from the Settings screen pressing the Map icon on the Home screen doesn't display the Map screen for a while (only applicable to HIGH trim) - Even when pressing the Map icon the map does not appear and it remains stuck on the 'Loading Navigation' message. This issue occurs due to a corrupted file that stores settings and destination history (only applicable to HIGH trim). - The text keyboard which should not be displayed appears on top of the list of POI categories (only applicable to HIGH trim) when performing the steps below: 1. Narrowing down the search range within a specific city in the navigation destination search. 2. Move to the POI category screen. 3. Touch the city name input area, then the keyword input area, in that order. - When a language other than English is set, the distance to the destination displayed in the navigation destination is abnormal (only applicable to HIGH trim): 1. When the distance is greater than 1.0, the decimal point is rounded down. 2. When the distance is less than 1.0, the value becomes 0.1.

Continued...

Number	Category	Symptoms to be Improved:
13	**Navi Operation**	- "Keyboard is disable while the vehile is in motion"" is displayed on the screen when performing the steps below (only applicable to HIGH trim) : 1. Press the POI (destination) Shortcut on the home screen to display the list of destinations. 2. Press "x" to clear the list. 3. Start driving with the Map screen displayed. - Add Stop (Register via destination) button is displayed instead of Set button and Favoirte registration for Home/Work cannot be done after performig the steps below moving to the ""Favorite"" screen with the navigation destination set (only applicable to HIGH trim) : 1. Press Add Home/Work 2. Select a location from the Destination History screen - Map is not displayed when Map is pressed from the home screen if switching the language used for the text input keyboard on the search screen of the navigation application (only applicable to HIGH trim) - During navigation route guidance, if a Wi-Fi-based map data update is performed and immediately after its completion a route recalculation (rerouting) takes place, the navigation map screen may freeze and the navigation app (map app) will restart (only applicable to HIGH trim)

Continued...

Number	Category	Symptoms to be Improved:
13	**Navi Operation**	- When you set a navigation destination and drive repeatedly triggering rerouting by deviating from the route and start a map update via Wi-Fi, then wait for about 30 minutes on a screen other than the navigation screen (like the HOME screen) before transitioning back to the navigation screen the following symptom occur (only applicable to HIGH trim): symptom 1: The map is not displayed. symptom 2: The download start button is not displayed on the map update screen.
		- When using voice recognition to search for a destination based on a Point of Interest (POI) category name (such as "gas station"), the search results may display facilities that have names partially matching the POI category name in addition to the facilities within that specific category (only applicable to HIGH trim)
		- While parked or driving, touch the traffic information icon on the map or the traffic information icon on the route bar and display the traffic information details screen. If you start driving with this screen displayed, it will exit the traffic information details screen and transitions back to the map screen (only applicable to HIGH trim)
		- After narrowing down the location by city and specifying a point in ""Add Home"" then registering it as your home if you proceed to ""Add Work"" and input any text into the search box, the navigation application reboots (only applicable to HIGH trim)

Continued...

Number	Category	Symptoms to be Improved:
13	Navi Operation	- The requirement to press ""OK"" on the Your Safety screen during the initial navigation launch sometimes wasn't displayed (only applicable to HIGH trim). Before the change: If the navigation app was launched for the first time from any icon other than the Map icon on the Home screen (e.g., through a rest suggestion feature) the Your Safety screen would not appear and navigation functionality could not be initiated. After the change: Even if the navigation app is launched for the first time from an icon other than the Map icon on the Home screen, the Your Safety screen will be displayed.
		- When searching for navigation POIs using voice recognition, the response is "Navigation is not ready" and POI search may not start (only applicable to HIGH trim)
		- When the vehicle is in the state of New Mexico, the navigation app freezes and restarts after setting the destination on the navigation system (only applicable to HIGH trim)
		- When the vehicle with the navigation route set deviates from the guided route and triggers an automatic recalculation, the navigation app freezes (only applicable to HIGH trim)

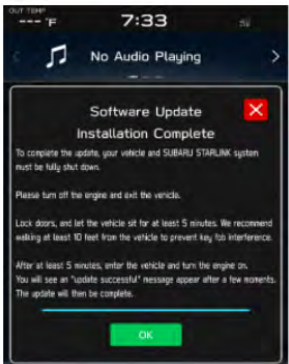| Number	Category	Symptoms to be Improved:
13	**Navi Operation**	- When using voice recognition during navigation to say 'Search for **** along route,' the POI search results list may display the same result twice (only applicable to HIGH trim)
14	**Audio/Voice Recognition**	- USB audio is activated by voice recognition command ""play artist xxx"" or ""play album xxx"". The last song played by USB audio is played, not the song commanded by voice. (only if the same USB is used) (not applicable to WRX)
15	**Voice Guidance**	- While driving with a navigation route set, there are instances where the voice guidance may not correctly pronounce "mile."It mispronounces "mile" as "me" (only applicable to HIGH trim)
16	**Voice Recognition**	- After setting a route in the navigation system and activating voice recognition function, the route guidance is not canceled even "Cancel Route" or "Delete Destination" is completed (only applicable to HIGH trim)
		- When you say ""Call ****"" using voice recognition, the meter display shows "Please wait a moment," but the call cannot be made (not applicable to WRX) (Note: "****" indicates an actual phone number or contact name you are trying to call)
		- Starting the CCU (Cockpit Control Unit) voice recognition while using the SXM Voice Search function results in an error and ends the voice recognition (not applicable to BASE trim)
		- When operating the navigation system via voice recognition, certain regional place names (states, cities, etc.) are not recognized (only applicable to HIGH trim)

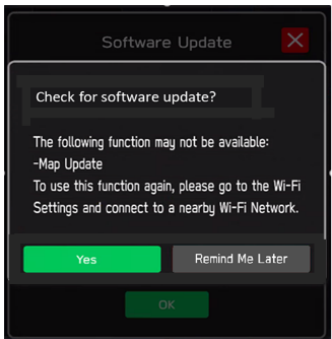| Number	Category	Symptoms to be Improved:
16	Voice Recognition	- Speech recognition may not recognize the words "Cruise Control Options" when completed
		- Voice recognition does not recognize the name of a specific SXM channel when it is completed
17	Operation	- While using Bluetooth audio, the operation and overall performance of the CID screen may become slow (not applicable to WRX)
		- Screen performance slows down and touch operations become less responsive, when displaying CarPlay call status in the Information Bar at the top of the CID during a call with another popup overlaps on the Information Bar (not applicable to BASE trim)
18	Diagnostic	- The diagnostic trouble code *(DTC) U1566 (Multi-View System Data Abnormality)* may be falsely detected (not applicable to WRX)
19	Data Log	When exporting CCU logs to a USB memory stick, the message "Export failed" is displayed and the export may fail
20	DMS Link	- User name registered in DMS (Driver Monitoring System) disappears (not applicable to BASE trim)
21	Driver Profile	- Even when the same smartphone as the previous drive is connected, the CID screen may display the message "Are you sure you want to activate this profile?" (not applicable to WRX)
		- Switching the Driver Profile user causes the user to be logged into SXM even though he/she was not logged into the SXM account as the user after the switch

Continued...

Number	Category	Symptoms to be Improved:
22	**Meter Display**	- Change the image of steering switch in the meter interrupt screen from individual zoomed images to an image of the entire steering wheel and the symbol (not applicable to WRX) Previously: different switch images were used depending on the model line and equipment grade. After: a common image is used regardless of the model or the grade.
23	**Maintenance Display**	- In the CarInfo ->Maintenance ->Setting Icon -> screen for setting various item reminder conditions the notation of the button in the lower right corner is changed from "Update" to "Default" (not applicable to WRX)
		- In the maintenance schedule settings screen despite setting a date the configured date is not displayed and is replaced with hyphens (not applicable to WRX)
24	**Air Conditioner**	- With the air conditioning SYNC enabled and the single-seat focus set to the driver's seat tapping the temperature adjustment bar on the driver's side unexpectedly displays the temperature adjustment bar for the passenger's side, which should not be displayed (only applicable to BASE trim)

Continued...

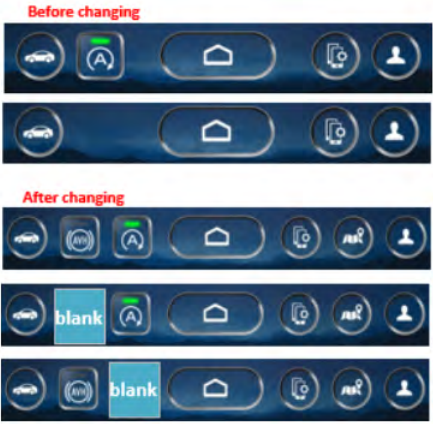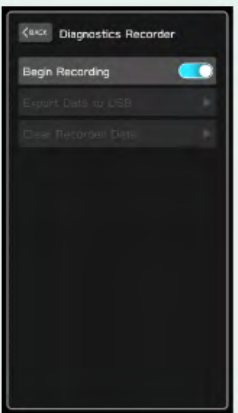| Number	Category	Symptoms to be Improved:
25	USB Operation	- The track switches to the first track in the next folder even though it is not the last track in the folder (not applicable to WRX) When USB audio in folder playback mode, All stations on repeat following ignition OFF and then Track up operation after ignition ON.
		-The following procedure will result in a mismatch between the song being played and the song list displayed on the screen (not applicable to WRX): 1. Display the song list on the USB audio screen. 2. Switch to another screen other than the song list. 3. The song playback proceeds and switches to another song list. 4. Return to the USB audio song list screen.
		- The playback screen or song list does not refresh and becomes frozen(not applicable to WRX) USB Audio in folder playback mode with repeats turned off . When the last song in a folder has finished playing and is stopped, change the playback mode from the Song tab of the Browser (other than folder playback, such as Album or Artist) and select a song.
26	Software Update	- When the engine is turned off at a specific moment just before the completion of the CCU software update via FOTA, the expected completion notification screen does not appear when the engine is turned on next time (not applicable to BASE trim)
		- After the installation of software updates via OTA (Over-the-Air), the "Current Version" field in the popup screen that appears during the next IGN-ON may be blank or empty (not applicable to BASE trim)

Continued...

Number	Category	Symptoms to be Improved:
26	**Software Update**	- To use FOTA (Firmware update Over The Air) for CCU software update via DCM (Data Communication Module) it is necessary to switch from the Wi-Fi communication settings for MapUpdate to the DCM communication settings. To notify the customer about this switching, the below message screen pops up a new CCU software becomes available from the server. (not applicable to BASE trim) ![Software Update dialog: "Software Update / Check for software update? / The following function may not be available: -Map Update / To use this function again, please go to the Wi-Fi Settings and connect to a nearby Wi-Fi Network. / Yes / Remind Me Later / OK"]
27	**Valet Mode**	- ValetMode:When leaving your vehicle with a valet service, such as at a hotel or restaurant, you can set the valet mode, which disables the navigation, audio, and vehicle setting functions. The display cannot be operated, preventing the release of personal information. The valet mode is designed to help prevent personal information leaks. (not applicable to WRX) When ValetMode is set up for the first time, completion of PIN code entry within 20 seconds will prevent the ValetMode function from being switched on and off via smartphone thereafter. (Set the Pin code again and it will be normalized.)

New Functions and Enhancements included in Update #3:

Number	New Function or Enhancement
1	To improve the chance of reestablishing the connection in case of connection failure of Bluetooth and/or Android Auto due to error in the smartphone side, the CCU sends a request to the smartphone device again as additional attempt.
2	Reduce the time from IGN-ON to CarPlay startup from 23.8 seconds to 18.0 seconds (not applicable to WRX)
3	Add a function to display album art currently playing in CarPlay when displaying audio information in the Information display area (not applicable to WRX)
4	When using hands-free calling via Bluetooth connection, change the behavior when the call time display area at the top of the CID screen is pressed (only applicable to BASE trim) Before: Ends the call. After: Moves to the call screen.

Continued...

Number	New Function or Enhancement
5	The Turn by Turn display function is supported while using the route guidance function in AppleMap of CarPlay (not applicable to WRX) Before: CarPlay route guidance did not support the Turn by Turn function.) After: The display location and conditions for Turn by Turn are the same as when using the CCU's main navigation system's route guidance.
6	Enhance the performance of Apple CarPlay's response time (not applicable to WRX)
7	Change CarPlay's behavior so that when apps within CarPlay are silent, it continues playing the audio source from the vehicle's CCU (Cockpit Control Unit), thus preventing the sudden appearance of silent periods, improving the user experience (not applicable to WRX)
8	Update to address security vulnerabilities in Android Auto's communication (not applicable to WRX)
9	- New shortcut button(s) are added in button bar of "Home" screen. AVH (Auto Vehicle Hold) ON/OFF Button for vehicle equipped with AVH (not applicable to BASE trim) Before changing After changing blank blank
10	Update against vulnerability in security of Bluetooth connection.
11	When getting CCU USB logs at the Diagnostics Recorder screen in the Dealership Mode, it was necessary to turn off ""Begin Recording"" to ""Export Data to USB."" And after the log acquisition, it was necessary to turn ""Begin Recording"" ON again. The system interface is improved so that ""Begin Recording"" is automatically switched ON after log acquisition has been accomplished. Diagnostics Recorder Begin Recording

Continued...

Number	New Function or Enhancement
12	Adding SiriusXM® with 360L as an enhancement to the existing SiriusXM Satellite Audio service platform. This service combines satellite radio services with internet connectivity to provide streaming channels and on-demand content. New Features include: ○ Get personalized channel and show recommendations that get even smarter as you listen ○ Get notified when your favorite artist, song or team is playing ○ Enjoy shows, channels, performances and interviews on your own time, for the first time ever in your vehicle ○ 100+ channels made for every mood, occasion and activity ○ Find all NFL, MLB®, NBA, NHL®, college football and basketball games — in pre-game, in-progress or final states — in one location for quick access to the action ○ Gives you all the vital info for the game on the screen, and SiriusXM with 360L allows you to listen to either the Home or Away game feeds

Symptoms Addressed By Update #2:

Number	Symptoms to be Improved:
1	CID goes black and does not accept any control.
2	Audio playing while CID shows black display
3	CID reboots.
4	"Manage Devices" is grayed out and cannot establish Bluetooth connection.
5	When the Bluetooth connection is cancelled manually on the mobile phone side during hands-free calling, the Bluetooth connection is disabled for that particular mobile phone. Even when it occurs, the connection can be reestablished by deleting the device in "Manage Devices" and register the device again by adding operation.
6	Bluetooth connection fails against the device that was pared before and "Manage Devices" is grayed out.
7	Bluetooth connection is disabled with a discrepancy in the display of status bar (showing Bluetooth devices being connected) and the "Manage Devices" screen (showing no Bluetooth devices being connected.)

Continued...

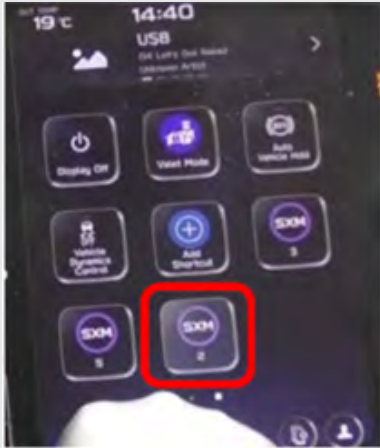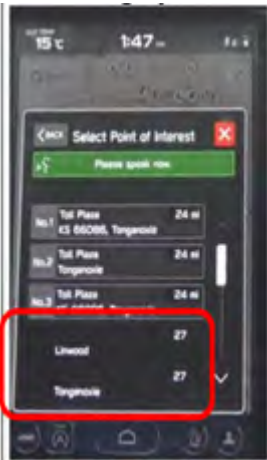| Number	Symptoms to be Improved:
8	Android Auto Wireless (AAW) cannot be connected.
9	Android Auto Wireless (AAW) cannot be started from "Manage Devices" Screen.
10	Sound volume control does not work while using Android Auto. It is caused by data communication error between Android device and CCU.
11	Cyclic short noise like a drilling or vibration is heard from speakers.
12	Sound is lost when changed to Subchannel 2 right after a preset HD radio channel has been selected.
13	After the destination is set on Navi screen, voice recognition command of "Find <POI category> along route" is made, search results are not given in order of distance.
14	When "Call" button is pressed in "Confirm Destination" screen of Navigation system (to call the destination site,) the call can be made but the screen does not transit to phone call screen.
15	Popup of "The update was successfully installed" is not displayed after reboot (IG-OFF and ON) operation of FOTA (Firmware Over The Air) update.
16	When tapping preset "Team Channel" on SMX, a popup of different game is displayed. It can occur under the following sequence of operations:

Continued...

Number	Symptoms to be Improved:
17	A wrong search location is used on TravelLink function. Example of the symptom.
18	Music cannot be played sequentially when they are stored in different folders in a USB memory. The specifications are improved to enable music in different folders to be played sequentially.
19	"Repeat All" is added as one of the play modes. | New repeat mode	Old repeat mode
"Repeat All"	--
"Repeat current album/folder"	"Repeat current album/folder"
"Repeat current track"	"Repeat current track"
"Cancel repeat"	"Cancel repeat"	
20	"Track-up/down" can be used across folders in "Repeat All" mode.

Continued...

Symptoms Addressed By Update #1:

Number	Symptoms to be Improved:
1	iPod/iPhone tab in Media screen cannot be selected, when connected by USB. The symptom occurs when the iPhone is connected to CP1.5 via Bluetooth in parallel to USB connection by error. (It is supposed to be connected either via Bluetooth or by USB.)
2	On the "Manage Devices" screen Bluetooth cannot be selected as connection preference.
3	Status of Bluetooth on Manage Device screen is displayed as disconnect even though the Bluetooth Icon on top right of the screen is showing active.
4	Cannot pair new Bluetooth device or cannot connect paired Bluetooth device. This symptom possibly occurs after repeating IG OFF/ON operation while still pairing operation.
5	Cannot pair Bluetooth device, when Bluetooth device has long name including symbols.

Continued...

Number	Symptoms to be Improved:
6	SXM station shortcut created by the customer does not work when the SXM has not been used as audio source after the Ignition Switch was turned on in the ignition cycle.
7	Manage Device Screen becomes dark and inoperative when Ignition Switch is turned Off and On while starting CarPlay by CID operation.
8	Cannot connect to CarPlay via wireless connection. This symptom possibly occurs after the Ignition Switch was turned Off and On abruptly.
9	POI Search Result shows only city names and distances (without unit) when voice recognition POI search with Category name like "Find toll gate" is used.

Continued...

Number	Symptoms to be Improved:
10	Navigation restarts itself, when the letters are rashly entered or deleted using keyboard function to search destination.
11	"Manage Route" button is not displayed when touching the route line on Navigation system, when the route search criteria got changed in the Route Preference Screen after a route had been searched.
12	"Manage Route" button is not displayed and buttons on the Current Route Screen become unselectable (turns to grayish fill) when the Navigation system is operated in the sequence of "Manage Route" > "Avoid Blocked Road" (in the Current Route Screen) > "Back."
13	After the FOTA is completed, the CCM does not send the confirmation data to the server even though it displays pop-up message of completion. The status is updated when the FOTA operation is made next time.
14	A pop-up message of "Connection Error" is displayed when the pop-up message of Service Appointment Scheduler Popup is displayed after the engine was turned on and the "Read Now" button is pressed immediately after that.
15	Pop-up message "Please go to your retailer to update the Gracenote Database" appears every time CP1 system is rebooted due to interruption of CP1 software update via USB port (ACC OFF or BATT power remove etc.) *** Note*** In case this USB update failure occurs, retry updating according to the instructions in Appendix 7 (Page 32).

Continued...

APPENDIX 10

IMPORTANT NOTE: The certificate of the data distribution server for the map update service by Map OTA (MOTA) will be changed **from Dec 1st, 2024**, and the previous server certificate will no longer be eligible after 2rd December, 2024. To get the MOTA service on and **after Dec 2nd, 2024, Ver. 5 software that includes new server certificate should be installed in advance.**