



SIB 65 40 24

2024-12-27

SERVICE ACTION: QUALITY MEASURE SOFTWARE – HU-H6

☒ THIS REPAIR IS MOBILE FRIENDLY

MODEL

E-Series	Model Description	Affected Option Code
G45	X3 Sports Activity Vehicle	With HU-H6
U10	X2 Sports Activity Coupe	
U11	X1 Sports Activity Vehicle	

AFFECTED VEHICLES

- Vehicles which require this campaign to be completed will show it as “Open” when checked either in AIR, AWP, Campaign Summary, or Warranty Vehicle Inquiry.
- Please make sure you check your dealer inventory as soon as possible. You can see a list of affected vehicles in Inventory Campaign Details (ICD) under ROSS.
- For centers that qualify, this repair is eligible to be performed via Mobile Assistance.

SITUATION

Customers may report various issues in the vehicle, to include:

- Bluetooth Malfunctions
- Head Unit Performance
- Telephony Malfunctions

CAUSE

Unfavorable software in the head unit (HU-H6).

CORRECTION

Program the head unit (HU-H6).

PROCEDURE

Determine what is the vehicle's current I-level by either using AIR, or AWP (Aftersales Workplace) applications. Based on the vehicle's current I-level, if necessary, program the vehicle to I-level ...24-11-530 or higher via RSU or ISTA.

Remote Software Update (RSU) is the preferred method of software installation for this Service Action. The vehicle will need to be updated to RSU software version **11/2024.30** or higher.

Note: RSU software levels are titled differently than I-levels, even though they are the same software. For example: RSU software **11/2024.30** is equivalent to I-Level ...24-11-530.

It must be checked whether the customer has already downloaded the required RSU software into the vehicle but has **NOT YET** installed it. In this case, programming must be carried out via RSU as described under Step 1. If the RSU software update is not available in the vehicle OR is lower than version **11/2024.30**, then proceed with **Step 2**.

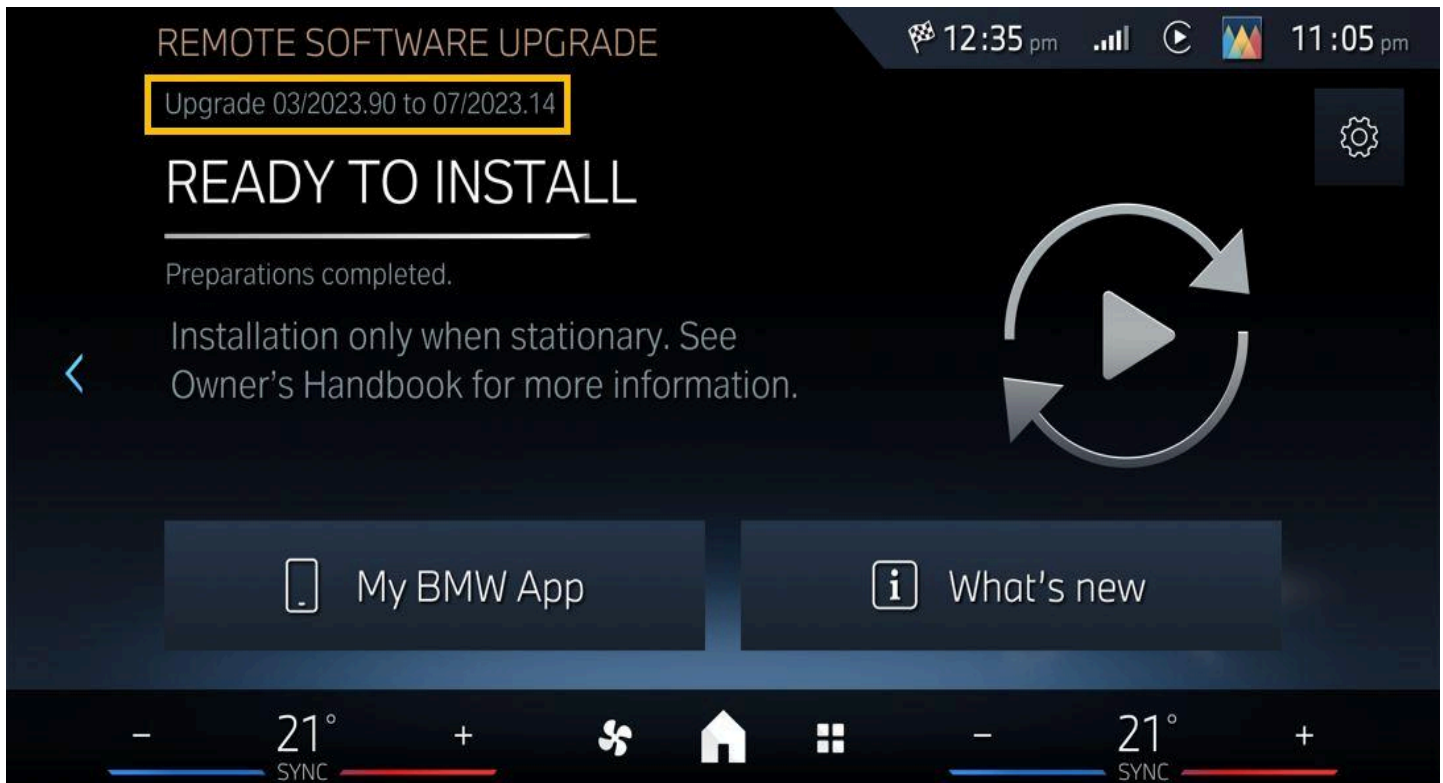
For more information, a detailed description of the RSU Installation procedure can be found in COMPASS in the dealer portal (COMPASS article 80383).

1. Program via Remote Software Update

The processing of the technical campaign must be carried out via RSU as long as the requirements listed in **Step A** are met.

A. Check the available RSU version in the System Settings vehicle app

- i. Open the System Settings vehicle app and select Remote Software Upgrade.
- ii. The version of the software that is currently installed in the vehicle is shown in the upper area. The version of the software that **WILL BE** installed in the vehicle via Remote Software Upgrade is also displayed.
- iii. If the RSU **software version** to be installed is **11/2024.30** or higher, proceed with the RSU installation (**Step B**). If the RSU version is lower than 11/2024.30 or no RSU is available for installation in the vehicle, then skip to **Step 2**.

B. Install Available RSU in the vehicle

- i. If the RSU **software version** to be installed is **11/2024.30** or higher, start the RSU installation in the vehicle and follow the prompted instructions in the Central Information Display. If the software version to be installed is lower than **11/2024.30**, skip to **Step 2**.
- ii. After approx. 30 minutes, you must check in the vehicle whether the RSU installation has been carried out successfully and that **software version 11/2024.30** or higher has been installed.
- iii. If the programming has been carried out successfully, the vehicle can be returned to the customer.

NOTE: If Check Control messages (CCM) are displayed in the vehicle after successful installation, let the vehicle go to sleep and then check whether the specified I level or a higher I level has been installed.

It is recommended to exit and lock the vehicle during installation. Make sure that no device is connected to the on-board diagnosis connector (e.g. ICOM). No further interaction is required during installation.

The vehicle requires no connectivity as the software has already been downloaded. This means that the Copyright ©2024 BMW of North America, Inc.

2. Programming via ISTA

If RSU software is not currently downloaded in the vehicle OR the RSU software currently downloaded is lower than **11/2024.30**, then the vehicle software will need to be updated to ...24-11-530 or higher via ISTA.

Determine the vehicle's current I-level by either using AIR or the Key Reader/AWP (Aftersales Workplace) applications.

Read out the fault memory with ISTA.

- If there is a relevant fault memory entry, the standard diagnosis must be carried out first.
- If there is no relevant fault memory entry, proceed to the next step.

If the I-Level is currently at ...24-11-530 or a more recent version:

- Do not program the vehicle
- Continue with standard diagnosis

If the I-level is lower than ...24-11-530:

Program the vehicle to I-level ...24-11-530 or higher using ISTA 4.50.3x (released November 12, 2024) or higher.

- Connect the battery charger to the vehicle
- Connect the programming system to the vehicle (ISTA 4)
- Determine measures plan
- Accept and fully work through the measures plan with the control units to be programmed/encoded and enabled
- Follow the rework list
- **Depending on the rework list, carry out a vehicle test and delete the fault memory if needed**

After the programming has been fully completed, check functionality of the system.

Note: ISTA will automatically reprogram and code all programmable control modules that do not have the latest software.

Always connect a BMW-approved battery charger/power supply (SI B04 23 10).

For information on programming and coding with ISTA, refer to Dealer Universal Portal / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

CLAIM INFORMATION

During this workshop visit, the affected vehicle may also show one or more programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

Select one of these open Technical Campaigns to perform and submit for updating the vehicle to the required I-level or higher instead when applicable (This includes 00 00 006 or 00 00 556, 61 21 528, and 61 00 730).

Please be sure to also perform any additional before and/or after work (including attaching labels) as required by the open campaigns on the vehicle. Close any other open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.

Reimbursement for this Action will be via normal claim entry, as determined by the above, by selecting and submitting for the work package information below that applies.

Plusposition (+)	Completion before the first vehicle delivery to a customer (New in-stock/No in-service date), or the vehicle is already in the marketplace for another reason
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	and/or repair, identified by the “ (Plusposition) ” reference in the descriptions below.
Main work	The vehicle arrives for this Service Action, no other Main work will be performed/claimed during this workshop visit, identified by the “ (Main work) ” reference in the descriptions below

Below are the special flat rate labor operation code choices for this action.

Repair Code:	0065060500	---
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Remote Software Upgrade (RSU) Status - Ready to be Installed.

Work Package	Labor Operation	Description	Labor Allowance
# 1	00 77 950	Remote Software Upgrade performed (Plusposition)	2 FRU
Or:			
# 2	00 77 322	Remote Software Upgrade performed (Main work)	3 FRU

Or:

Vehicle Programming and Encoding

Work Package	Labor Operation	Description	Labor Allowance
# 3	00 77 948	Programming and encoding the vehicle control units, includes Carrying out vehicle test (00 00 556/61 21 528) (Plusposition)	8 FRU
Or:			
# 4	00 77 320	Programming and encoding the vehicle control units, includes Carrying out vehicle test (00 00 006/61 21 528) (Main work)	9 FRU

Or the:

Vehicle is already at the Specified Target Integration Level or Higher

Work Package	Labor Operation	Description	Labor Allowance
# 5	00 77 949	In conjunction with another campaign/repair prior to or during the same workshop visit (the above RSU is excluded) , the vehicle is already at the specified Target integration level or higher, no repair is necessary (Plusposition)	1 FRU
Or:			
# 6	00 77 321	In conjunction with another campaign/repair prior to or during the same workshop visit (the above	1 FRU

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	RSU is excluded), the vehicle is already at the specified Target integration level or higher, no repair is necessary (Main work)	
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Only one of the flat rate labor operation codes listed above can be used for claim submission/reimbursement purposes. Also, only one Main work flat rate labor operation code can be claimed per workshop visit.

Claim Repair Comments

Only reference the SIB number and the work package (Pkg) number performed in the technician’s RO notes and in the claim comments (For example: B65 40 24 WP 1), unless otherwise required by State law.

Programming and Encoding – Additional Work (RO and Claim Comments Required)

This procedure automatically reprograms and encodes any vehicle control modules that do not have the latest software I-level.

If one or more control modules fail during the reprogramming procedure, claim the required consequential repair work procedures to address this issue (including performing the IRAP Control Unit Recovery first as required, refer to the SIB in AIR) under the Repair Code in this bulletin together with the corresponding labor operation codes and their flat rate unit (FRU) allowance(s), including the diagnosis* that applies.

Please explain the additional work procedures that were performed (The why and the what) on the repair order and in the claim comments.

For covered repairs that addresses preexisting control module failures that occurred prior to performing this repair-related programming and encoding procedure, claim this work with the Repair Code listed in AIR together with the corresponding labor operation codes and their flat rate unit (FRU) allowance(s), including the diagnosis* that applies.

(*) Based on which one applies to your center, please refer to **SI B01 01 20 or B01 07 20** for the applicable procedure for documenting, claiming, and explaining, on the RO and in the claim comments, your diagnosis work time (WT), job/repair work time (WT), and the vehicle repairs your center performed, unless otherwise required by State law.

FEEDBACK REGARDING THIS BULLETIN

Technical Feedback	To submit feedback for the technical topic of this bulletin: Submit your feedback in the rating box at the top of this bulletin
Warranty Feedback	To submit feedback for the CLAIMS section of this bulletin: Submit an IDS ticket to the Warranty Department, or use the chat available in the Warranty Documentation Portal
Parts Feedback	To submit feedback for the PARTS section of this bulletin: Submit an IDS ticket to the Parts Department

