



Mercedes-Benz

Campaign No. 2021080009, August 2021

Rev A - February 2023

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Models Various**
Model Year 2019-2021
Update MBUX Software – Wave 4 + Unreachable OTA

Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year ("MY") 2019 - 2021 A-Class, CLA-Class, CLS-Class, E-Class, GLA-Class, GLB-Class, GLC-Class, GLE-Class, GLS-Class, and GT-Class (118, 167, 177, 213, 238, 247, 253, 257, 290 platforms, respectively) vehicle, the MBUX multimedia system software might not meet specifications. Under very specific conditions, the MBUX multimedia system might not start and the display might remain black, or could reboot unintentionally after 50 seconds of initial startup. Accordingly, the rearview camera image might not be displayed or the display might be interrupted which could increase a risk of a crash or injury. An authorized Mercedes-Benz dealer will update the software of the MBUX multimedia system on the affected vehicles. This recall will be launched in waves based on the subscription status of the vehicle. Further details will be communicated at the launch of each wave.

Prior to performing this Recall Campaign:

- VMI must always be checked before performing campaigns to verify that the campaign is required on a specific vehicle. Always check for any other open campaigns, and perform accordingly.
- Please review the entire Recall Campaign bulletin and follow the repair procedure exactly as described.


Please note that Recall Campaigns **do not expire** and may also be performed on a vehicle with a vehicle status indicator.

Approximately 30 (Fourth Wave) + 125,369 (Unreachable OTA Vehicles) vehicles are included in this wave.

Order No. P-RC-2021080009

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

i Note:

- Use Xentry 03/21 with all associated patches or higher.
- Follow the steps exactly as described in Xentry.
- Connect battery charger (battery voltage  >12.5V).
- Ensure all electrical consumers are switched-off.
- In the event of software/SCN update issues, contact Star Diagnosis User Help Desk via. XSF ticket.
- Refer to Star Diagnosis System (SDS) Best Practices Guide.

Procedure

1. Connect XENTRY Diagnosis.
2. Update MBUX multimedia system control unit software.

i To do this, select menu item "Quick test view" → **A26/17 MBUX multimedia system (Head unit)** → Adaptations → Control unit update → Updating of control unit software.

i Then follow the user guidance in XENTRY Diagnosis.

Note: If no new software is found, check the MBUX multimedia system (A26/17) control unit log if the update was already completed (**Figure 1**) (**E-stand E830.4 or greater**). If so, it is complete and can be closed and claimed as such. Please make a note on the RO that the update was already installed.

i To do this, select menu item (MBUX multimedia system → control unit log → Control unit-specific data):

Control unit-specific data

MB object number for hardware; Hardware version	1779018404; 19/35 030	
Diagnosis identifier	HU16_Mid_FreshUn3_4_00C134	
E-Stand (Only for the development department)	E830.4 - (RL NTG6 E830.409 21085AC2)	
MB object number (Boot software); Software version; Fingerprints	2479042900; 21/09 063; VALID	
MB object number (Base); Software version; Fingerprints	2479028510; 21/09 063; VALID	
MB object number (Code); Software version; Fingerprints	2479028810; 21/09 063; VALID	
MB object number (USC); Software version; Fingerprints	2479037102; 21/09 063; VALID	
26.05.2021 15:54:13	03/2021	W1N4M4GB2MW128515
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Figure 1

NOTE: If while attempting the MBUX multimedia system (A26/17) software update you receive the below message (**Figure 2**) in XENTRY Diagnosis then please perform the steps outlined in LI82.85-P-071394

XENTRY



⚠ Caution!

A26/17 - MBUX multimedia system (Head unit): Control unit ABNORMAL

- It is possible that not all functions of the control unit are available.
- The current software release could not be read out.
- Actual value 'Hard disk': NOT READABLE

Instruction

Refer to the TIPS documents in Design Group 82.85.

- If these instructions are not complied with, the warranty or goodwill claim will be rejected and costs will be charged back.

Further information

Please observe TIPS document 'GI82.85-P-070144: MBUX multimedia system, Display Start logo in display (Mercedes-Benz / AMG / Maybach): PERMANENTLY ON'.

Internal data for inspection

Check TIPS-Doc GI82.85-P-070144 for further information.

- Software-Numbers could not be read.
- CommunicationError while trying to read HDD-info

```
1779018004:HUB_Mid_FreshUp3_4(00C134);NO_VALUE::ECE:MOST=not available TV=not available MOST=not available TV=not available:HBM586L2877126:3.53392.259 (PDU_ERR_EVT_RX_TIMEOUT:
Current: PDU_XTRA_ERR_RX_TIMEOUT_CURR_COP_NO_RSP (24); com.teradyne.ds.gradex.asam3d.Asam3dCommunicationBreakdownException: Error details: null; null MCDError: eRT_PDU_API_CALL_FAILED (0xd090)
ecu Vendor-description: PDU_ERR_EVT_RX_TIMEOUT_CURR_COP_NO_RSP (24) (259);
state file:/C:/Tester/Update/Data/mnt/active/Xentry/MB_PKW/Steuergeraete/Information%20und%20Kommunikation/Audio/Allgemein/AllgAblaeufe_gm#SG-Einstieg/Kontext/Bedatung/CheckKontext_Bed/GetHddInfo4Logging/NODE10:
05/20/2021 04:16:25 PM); Availability: BaseBoardApp=available, CSBApp=not available, MMBApp=not available>Action: HardResetAndReReadWhile_NoSoftwareSnrNoHddInfoHddCheckTpsDocInstruction
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Figure 2

Warranty Information

Operation: Connect/disconnect battery charger (02-5058)
Star Diagnosis System (SDS), Connect/disconnect (02-4762)
Update MBUX control unit software (02-9334)

Damage Code	Operation Number	Labor Time (hrs.)
54 974 38	02-5058*	0.1
	02-4762*	0.1
	02-9334	0.1

* Operation item may be invoiced only once for each workshop order

Additional time of up to 0.3 can be claimed for the software update. This time **must be claimed on a separate line** with the data provided below.

Operation: additional time for MBUX software update (02-0000)

Damage Code	Operation Number	Labor Time (hrs.)
21 801 01 8	02-0000*	NON*

* time claimed must not exceed 0.3

Note: Operation Number labor times are subject to change