SIB 66 10 23   2023-05-01

AFTER PROGRAMMING MPAD FAULT CODE 022270 CANNOT BE
CLEARED

☐	THIS REPAIR IS MOBILE FRIENDLY

MODEL

E-Series	Model Description	Affected Option Code
G07	X7 Sports Activity Vehicle	OE 5AU - Driving Assistant Professional Or OE 5AX – Highway Assistant
G70	7 Series Sedan	
i20	iX Sports Activity Vehicle	
U11	X1 Sports Activity Vehicle	

SITUATION

After programming to I-level 23-03-5xx, the fault memory 0x022270 is stored in the mPAD (Medium Platform Automatic Driving) and cannot be deleted. A Check Control message "Driver assistance" is displayed in the central information display.

CAUSE

Software error in the mPAD.

CORRECTION

IRAP solution for the mPAD control unit.

PROCEDURE

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

The complaint is resolved with I-level 23-03-545 (released April 12, 2023).

To address this issue, proceed as follows:

1. End the ISTA session.
2. Contact Technical support (TSARA) for an IRAP session, referencing SI B66 10 23.
3. Break the connection after IRAP is complete.
4. Perform a vehicle test.
5. Calculate and carry out a measures plan.
6. Then manually select a complete encoding.
7. Allow vehicle to go to sleep.
8. Reassess the vehicle.

CLAIM INFORMATION

Vehicle Programming and Encoding

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.

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.

Only when the above does not apply, the BMW software solution is then:

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks, or the BMW Certified Pre-Owned Program as described below.

Defect Code:	3450020200	Control unit, MPAD Medium Platform Automatic Driving Software error / internal device fault

Refer to AIR for the corresponding flat rate unit (FRU) allowances.

Labor Operation	Description	Labor Allowance
00 00 006	Carrying out vehicle test (Main work)	Refer to AIR
Or:		
00 00 556	Carrying out vehicle test (Plus work)	Refer to AIR
And:		
61 21 528	Supporting voltage of the vehicle electrical system / recharging vehicle battery	Refer to AIR
And, as needed:		
61 00 006*	Carrying out vehicle diagnosis, ABL (Work time)	WT
Or:		
00 58 500*	Diagnosis Worktime Flat Rate	2 FRU
And:		
61 00 730	Program/encode control unit(s), includes deleting the fault memory	Refer to AIR

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006, or exclude (including 61 21 528) when the Vehicle Test is included in another repair.

Work time labor operation codes 61 00 006 and 00 58 500 are not considered Main labor operations.

Vehicle 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 Defect Code in this bulletin with the labor operations in AIR that apply.

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 address control module failures that occurred prior to performing this reprogramming procedure, claim this work with the Defect Code and labor operations (including the diagnosis that applies*) in AIR that apply.

*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

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