



SIB 61 19 25

PHEV – MALFUNCTION INDICATOR LAMP (MIL) WITH FAULT CODE ENTRY 031BFC STORED
2025-10-24

<input checked="" type="checkbox"/>	THIS REPAIR IS MOBILE FRIENDLY
<input checked="" type="checkbox"/>	THIS REPAIR IS REMOTE SOFTWARE UPGRADE (RSU) FRIENDLY

MODEL

E-Series	Model Description
G05 LCI	X5 Sports Activity Vehicle (Plug-in hybrid electric vehicle (PHEV)) (Model Year 2024 and newer)
G09	BMW XM and BMW XM Label (PHEV)
G60	550e xDrive Sedan (PHEV)
G70	750e xDrive Sedan (PHEV)
G90	M5 Sedan (PHEV)
G99	M5 Touring (PHEV)

SITUATION

The malfunction indicator lamp (MIL) is triggered by the erroneous fault code **031BFC- AC charging, charging electronics 2, internal fault: No internal capacitor discharge** stored in the CCU. However, AC charging is operating as designed without a charging concern or issue.

- Affected PHEV vehicles have the CCU-03 (7.4 kW / 11 kW) with I-levels from 24-07-500 to 25-11-5xx

CAUSE

Unfavorable diagnostic parameters for the AC charging buffer capacitors discharge function in the Combined Charging Unit (CCU) software. This will lead to the erroneous fault 031BFC stored, and will trigger the malfunction indicator lamp (MIL).

CORRECTION

In the event an Affected Vehicle arrives with the issue stated above, proceed as follows:

Determine what is the vehicle’s current I-level by either using AIR or the Key Reader/Aftersales Workplace (AWP) application.

When the vehicle’s I-level is lower than ...26-03-500:

- Please do not proceed- the ISTA version with the update that corrects this software issue is expected to be available as of March 2026
- Clear fault code “031BFC”

Note:

Until ISTA I-level ...26-03-500 is available, this issue (malfunction indicator lamp (MIL) and fault memory entry 031BFC) can occur multiple times.

If AC charging is working as designed and there is not a charging complaint, exchanging the CCU will not eliminate the problem and is therefore not permitted.

Please inform the customer that there is no operational problem with the vehicle, and that a software update is expected in March 2026. The vehicle should be released back to the customer, and it should be documented in the repair order that the customer was informed of the situation.

If a customer refuses to pick up his/her vehicle, the area team should be contacted immediately. Vehicles should not sit at the BMW center awaiting the software update.

PARTS INFORMATION

Note: Do not replace any parts as it does not provide a remedy and is therefore not permitted.

CLAIM INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks, concurrently by the State-specific Emissions Warranty (dependent on the vehicle's model year, state of registration and its inclusion on the model-specific list of covered components).

Repair Code:	6144020200	CCU Combined Charging Unit control unit (Hybrid/E-vehicle) Software error / internal device fault
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Obtain the flat rate unit (FRU) allowances for the following that applies.

Labor Operation	Description	Labor Allowance
00 00 006	Carrying out vehicle test (Main work)	As applicable
Or:		
00 00 556	Carrying out vehicle test (Plusposition)	As applicable
And:		
61 21 528	Supporting voltage of the vehicle electrical system / recharging vehicle battery	As applicable
And, as needed:		
61 00 006*	Carrying out vehicle diagnosis, ABL (Work time)	WT FRU
Or:		
00 58 500*	Diagnosis Worktime Flat Rate	2 FRU

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.

Claim Repair Comments

Reference the SIB number and the issue (briefly) in the technician's RO notes, and in the claim comments (For example: B61 19 25 CCU software update release pending), unless otherwise required by State law.

(*) 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.

BMW Group's AIR Application Resource for Flat Rate Labor Operation Codes

To obtain the corresponding flat rate unit (FRU) allowance information from the BMW Group AIR application resource, start by entering the the Chassis Number (last seven (7) characters of the VIN), and click on the "Search" icon. If the "Vehicle Selection" window displays two or more model possible vehicle choices, select the applicable Model, or enter the full VIN (17 characters) instead to proceed. Click on the "Flat Rate Units" button and enter a flat rate labor operation code number "without spaces" in the field to the right, click on the "Search" icon to display the corresponding listing of "Flat rate unit group details" that are available and their corresponding FRU allowances.

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
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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

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