



SIB 61 02 25

2025-03-27

DELIVERY STOP: REPLACE POWER CONTROL UNIT

This Service Information Bulletin (Revision 1) replaces SI B61 02 25 **dated February 14, 2025.**

What's New (Specific text highlighted):

- SIB title changed: 12V added
- SITUATION revised
- CAUSE added
- CORRECTION added
- PROCEDURE added
- PARTS INFORMATION added
- CLAIM INFORMATION added

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

MODEL

E-Series	Model Description	Production Date
F95	X5 M Sports Activity Vehicle	August 13, 2024 – September 3, 2024
F96	X6 M Sports Activity Coupe	May 6, 2024 – August 10, 2024
G06	X6 Sports Activity Coupe	August 19, 2024
G07	X7 Sports Activity Vehicle	April 16, 2024 – August 30, 2024

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. As of February 15, 2025, you can see a list of affected vehicles in Inventory Campaign Details (ICD) under ROSS.

SITUATION

BMW AG has issued a Delivery Stop (effective February 14) on certain Model Year 2025 BMW vehicles that were produced between April 16, 2024, and September 3, 2024.

Due to unfavorable tolerances, the Power Control Unit (PCU) may switch off under heavy loads and no longer charge the Lithium-Ion (Li-Ion) Auxiliary (AUX) battery. This leads to the failure of the roll stabilization, and loss of communication to the EARS modules (S 0421 & S 0422).

Do not deliver to a customer, a New, Certified Pre-Owned or Used vehicle subject to a Delivery Stop, until the vehicle is repaired. Do not use or sell replacement equipment/parts subject to a Delivery Stop.

CAUSE

Unfavorable tolerance in the 12V PCU module.

CORRECTION

Replace the 12V PCU and inspect the AUX battery.

PROCEDURE

1. Replace the PCU in accordance with repair instructions “**Removing and installing the voltage transformer/Power Control Unit (PCU) 61 42 050 | REP-REP-P-6142050-G07**”.

2. After PCU replacement, the vehicle **must** be programmed. Determine the vehicle's current I-level by either using AIR or the Key Reader/AWP (Aftersales Workplace) applications. If needed, use the latest ISTA to work through test modules.

Programming via ISTA with the latest software.

- Connect the battery charger to the vehicle
- Connect the vehicle to ISTA
- Determine the measures plan
- Accept or work through the entire measures plan with the control units to be programmed/encoded and, if necessary, activated
- Follow the rework list
- Depending on the rework list, carry out a vehicle test and delete the fault memory, if required

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

Note: ISTA will automatically reprogram and code all programmable control modules that do not have the latest software. For information on programming and coding with ISTA, refer to TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation

3. Next, evaluate the additional Li-Ion AUX battery with ISTA test module “**ABL-DIT-AT6121_DSSLTO_EARS**”, via the path below.



- Vehicle management
- Troubleshooting
- Function Structure
- Body
- Voltage Supply
- Vehicle electrical system support
- Auxiliary battery
- Lithium-ion auxiliary battery

4. When the Li-Ion AUX battery cannot be recovered or is determined to be defective, replace it following repair instruction “**Replacing 12-V lithium-ion auxiliary battery - registering with battery replacement - 61 21 086 | REP-REP-P-6121086-G07_EMARS - V.4**”.

5. Delete fault codes and perform a sleep cycle to ensure the registered battery characteristics are saved in the vehicle's memory.

6. The **exchanged PCU should not be discarded** and is required for analysis purposes. The following steps must be taken after removal of the damaged parts:

- a. Store at your facility as a special damage part.
- b. Wait for the special claim return request to be sent to the parts department.
- c. Return the exchanged PCU promptly for analysis

PARTS INFORMATION

Use and invoice the applicable part numbers below.

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Please only order additional parts apart from the PCU 500 in accordance with ETK if a damage was identified during the inspection, as the expected exchange rate is very low (< 1.0%).

Part Number	Description	Quantity
61 42 5 B62 A38	Power Control Unit PCU control unit	1
And if required:		
61 21 5 B3F 328	12V lithium-ion auxiliary battery	1

The parts to be replaced as part of a technical action are generally not subject to the parts clearing process.

Additionally, other materials and small parts that are not specified above, such as fluids, lubricants, one-time use screws, nuts, and seals, which must be replaced or installed (according to the ISTA repair instructions/ETK/AIR), are to be selected from the Electronic Parts Catalog, and/or other approved BMW Group's resources according to the respective vehicle type. Invoiced these items separately under the Repair Code listed in this bulletin.

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.

After replacing the Power Control Unit PCU control unit, and the 12V lithium-ion auxiliary battery if required, it is recommended to select this open Technical Campaign to claim for updating the vehicle to the required I-level, or higher when applicable (Includes labor operation codes 00 00 006/556, 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 other open campaigns on the vehicle. Close any remaining open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.

As determined by the above, reimbursement for this Action will be via normal claim entry utilizing the work package information below and part numbers above that apply.

Repair Code:	0061140900	G06 G07 F95 F96 Replace Power Control Unit
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Below are the special flat rate labor operation code choices for this action, only one Main work flat rate labor operation code can be claimed per workshop visit.

Completion before the first vehicle delivery to a customer (New in-stock/No in-service date), or the vehicle is already in the workshop for another reason and/or repair.

Work Pkg (WP)	Labor Operation	Description (Plusposition +)	Labor Allowance
# 1	00 78 546	Replace the Power Control Unit (PCU 500), programming and encoding the vehicle control units, includes Carrying out vehicle test (00 00 556/61 21 528)	13 FRU (G07/F95) 20 FRUs (G06/F96)
Or:			
# 2	00 78 575	Replace the Power Control Unit (PCU 500), programming and encoding the vehicle control units was performed in conjunction with another campaign/repair during the same workshop visit	5 FRU (F95/G07) 12 FRU (G06/F96)

Or:

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The vehicle arrives at your center and this Action shows open (No other Main work will be performed or claimed during this workshop visit).

Work Pkg (WP)	Labor Operation	Description (Main Work)	Labor Allowance
# 3	00 78 040	Replace the Power Control Unit (PCU 500), programming and encoding the vehicle control units, includes Carrying out vehicle test (00 00 006/61 21 528)	14 FRUs (G07) 15 FRUs (F95) 22 FRU (G06/F96)
Or:			
# 4	00 78 063	Replace the Power Control Unit (PCU 500), programming and encoding the vehicle control units was performed in conjunction with another campaign/repair during the same workshop visit	6 FRU (G07) 7 FRU (F95) 14 FRU (F96/G06)

And when required with the work package information above that applies to the vehicle being repaired:

Replacing the 12V Lithium-Ion Auxiliary Battery

Expanded WP	Labor Operation	Description (Associated work)	Labor Allowance
A	00 78 547	Additional work: Replacing the 12V lithium-ion auxiliary battery / without the programming/encoding portion	14 FRU

G07 (X7) with Third-Row Rear Bench Seat Option

Expanded WP	Labor Operation	Description (Associated work)	Labor Allowance
B	00 78 603	G07 (X7) Only - Additional work for access: Removing and installing the air duct for those vehicles equipped with the third-row rear bench seat	3 FRU

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: B61 02 25 WP 1), unless otherwise required by State law.

And when applicable, also explain the additional work that applies and was performed.

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 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 address control module failures that occurred prior to performing this reprogramming procedure, claim this work with the applicable Repair Code listed in AIR together with the
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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.

Alternative Mobility Solution (AMS) for Vehicle Owners (RO and Claim Comments Required)

This Action's repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Repair Code noted above as follows:

- Sublet Code 2 - Itemize the AMS sublet amount on the repair order and in the claim comment section.

Please refer to **SI B01 29 16** for additional information.

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

