



**SERVICE ACTION: CHECKING THE DUAL STORAGE SYSTEM AND  
REPLACE IF NECESSARY**

This Service Information Bulletin (Revision 2) replaces SI B61 13 20 **dated September 2020**.

**What's New** (Specific text highlighted):

- Parts information updated

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

## **MODEL**

<b>E-Series</b>	<b>Model Description</b>	<b>Production Date</b>
G05	X5 Sports Activity Vehicle	April 10th, 2019 to August 20th, 2019
G06	X6 Sports Activity Vehicle	
G07	X7 Sports Activity Vehicle	
G12	7 Series Sedan	
G20	3 Series Sedan	
G29	Z4 Roadster	

## **SITUATION**

In the event of an accident, the two-battery Dual Storage System (DSS) is disconnected from the electrical system via an internal relay. In some cases, the relay is stuck closed and a fault is set. In these circumstances:

- A crash shutdown of the DSS does not occur
- The power distribution box is supplied with power until the DSS is fully discharged

## **AFFECTED VEHICLES**

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in AIR, the "Service Menu" of DCSnet (Dealer Communication System) or with ISPA NEXT.

## **CAUSE**

Failure of the DSS internal relay.

## **CORRECTION**

Check the DSS with ISTA 4.20.x (released October 25<sup>th</sup> 2019) or higher.

**Only replace the battery if it is stated to do so by the test plan.**

Note: The battery replacement rate is estimated at 1%.

## **PROCEDURE**

1. Connect a battery charger to the vehicle.
  2. Perform a vehicle test using ISTA 4.20.x or higher.
  3. Perform the following test plan "ETS test of lithium-ion storage". The test plan will activate the relay 100 times and then display the results.
  4. The test plan can be accessed via the following path:  
*Vehicle management / Service functions / Body / Voltage supply / Dual storage system ETS check*
  5. The results of the test plan will either state "ETS functional, test concluded successfully" which means the battery is good and no further action is needed, or the "ETS functional, test failed" which means the battery needs to be replaced.
  6. If the results of the test plan state the test failed and the battery needs to be replaced, replace the DSS as per repair instructions 61 21 004.
  7. Register the replacement DSS with ISTA.
- Always connect a BMW-approved battery charger/power supply ([SI B04 23 10](#)) when performing diagnosis.

## PARTS INFORMATION

Only use and invoice the part numbers below that apply when applicable.

Performing a part number look-up in ETK (EPC) by VIN or model in place of using/invoicing the applicable part number below may result with the wrong part number being invoiced and installed, this could delay the payment of claim.

Part Number	Description	Quantity
61 21 5A078B0	12-V lithium dual storage battery	1

Additionally, other small parts that are not specified above, such as one-time use screws, nuts and seals, which must be replaced according to the ISTA repair instructions/ETK, must be selected from the Electronic Parts Catalogue according to the respective vehicle type and invoiced under the special defect code.

**Important: The removed dual storage battery must be kept at your BMW center for further analysis by the supplier, because it is required through the special damaged component process.**

A parts return tag will be generated when the claim is submitted.

The return consignment must be sent within the packaging of the new part.

## WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the applicable work package information below and when necessary the part number listed above that applies:

<b>Defect Code:</b>	<b>0061380500</b>	<b>G0x G1x G2x Checking and if required, replacing dual storage</b>
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Completion before the first vehicle delivery to a customer or the vehicle is already in the workshop.

Work Pkg	Labor Operation	Description (Plus work)	Labor Allowance
# 1	00 69 567	Checking 12V dual storage system (Auxiliary battery) (No replacement is necessary)	6 FRU
Or:			
# 2	00 69 583	Checking and replacing 12V dual storage system (Auxiliary battery) (Including battery change registration)	9 FRU (G20); 14 FRU (G22); 15 FRU (G07); 17 FRU (G05, G06); 18 FRU (G29); 19 FRU (G11, G12)

And, for the:

**G20 (3 Series Sedan)**

Labor Operation	Description (Associated work)	Labor Allowance
00 69 584	Additional work for vehicles with the strut brace	8 FRU

Or:

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

Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 3	00 69 063	Checking 12V dual storage system (Auxiliary battery) (No replacement is necessary)	8 FRU
Or:			

# 4	00 69 079	Checking and replacing 12V dual storage system (Auxiliary battery) (Including battery change registration)	11 FRU (G20); 16 FRU (G22); 17 FRU (G07); 18 FRU (G05, G06); 20 FRU (G11, G12, G29)
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And, for the:

**G20 (3 Series Sedan)**

Labor Operation	Description (Associated work)	Labor Allowance
00 69 584	Additional work for vehicles with the strut brace	8 FRU

**Claim Repair Comments**

Only reference the SIB number and the work package (Pkg) number performed in the RO technician notes and in the claim comments (For example: B61 13 19 WP 1), unless otherwise required by State law.

**And, as applicable:**

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

This Service Action repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Defect 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.**