



## SIB 61 14 19

2020-01-16

## SERVICE ACTION: BODY DOMAIN CONTROLLER PROGRAMMING

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.

This Service Information Bulletin (Revision 1) replaces SI B61 14 19 **dated September 2019**.

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

- Procedure updated to include procedure if battery is discharged
- Parts added
- Warranty updated to include battery charging and replacement

**MODEL**

E-Series	Model Description	Production Date
G05	X5 Sports Activity Vehicle	August 2, 2019 to September 9, 2019
G07	X7 Sports Activity Vehicle	

**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.

**SITUATION**

When the vehicle is left unlocked, the interior light switch is continuously monitored. This may lead to an increased battery draw.

Check control message "Energy management for engine start-up" may appear. Longer stationary periods may result in a no-start depending on the battery charge state.

**CAUSE**

Software error in the BDC (Body Domain Controller).

**CORRECTION**

Reprogram the vehicle.

**PROCEDURE**

1. Perform diagnosis with the latest version of ISTA, working through test module. If needed perform an Energy Diagnosis. Refer to Discharged Battery: Energy Diagnosis Must Be Performed (SI B61 13 05)
2. In the event of a yellow "Battery discharged" Check Control message, the vehicle battery must be fully charged. If necessary, replace the battery in case it is totally discharged, refer to **REP 61 21 017**.

3. Is the current vehicle integration level:

Model	Target integration level
G05, G07	<b>S18A-19-07-553</b> or higher

**YES:** Further diagnosis with ISTA is needed

**NO:** Proceed to Step 4

4. Program the vehicle using ISTA 4.19.21 or higher (released September 11, 2019).

Model	Target integration level

Model	
G05, G07	<b>S18A-19-07-553</b> or higher

Note that ISTA will automatically reprogram and code all programmable control modules that do not have the latest software.

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

For information on programming and coding with ISTA, refer to DealerSpeed / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

## **PARTS INFORMATION**

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

These items are supplied by the virtual supplier East Penn. Inventory information is not displayed in the parts availability screen.

Part Number	Description	Quantity
61 21 2 353 814	Original BMW part AGM battery (105AH)	If required:1
Or:		
61 21 2 353 812	Original VMW part AGM battery (92AH)	If required:1

## **WARRANTY 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.

**Update the vehicle to the required I-level or higher by performing and submitting for this Campaign work (WP #1 or #3 as applicable).**

**For the other open campaign repairs, please be sure to also perform any additional work (before and/or after) these repairs require and/or close the remaining programming and encoding Technical Campaign repairs as outlined in the corresponding Service Information Bulletin.**

Reimbursement for this Service Action will be via normal claim entry utilizing the following information, and when needed for WP #1 or #3, together with the AGM battery part number that applies:

<b>Defect Code:</b>	<b>0061200500</b>	<b>G05 G07 Program control units (BDC)</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 68 623	Programming and encoding the vehicle control units to the I-level of S18A-19-07-553 or higher (includes connecting an approved battery charger/power supply and performing a vehicle test)	8 FRU
And:			
If necessary:	00 68 831	Recharging the (Discharged) battery (Associated work)	1 FRU
Or:			
If necessary:	00 68 862	Replacing the (Discharged) battery (Associated work)	3 FRU

Or:			
# 2	00 68 624	Programming and encoding the vehicle control units was performed prior in conjunction with another campaign or repair (the vehicle is already at the specified Target integration level or higher, no repair is necessary)	1 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 68 095	Programming and encoding the vehicle control units to the I-level of S18A-19-07-553 or higher (includes connecting an approved battery charger/power supply and performing a vehicle test)	10 FRU
And:			
If necessary:	00 68 831	Recharging the (Discharged) battery (Associated work)	1 FRU
Or:			
If necessary:	00 68 862	Replacing the (Discharged) battery (Associated work)	3 FRU
Or:			
# 4	00 68 096	Programming and encoding the vehicle control units was performed prior in conjunction with another campaign or repair (the vehicle is already at the specified Target integration level or higher, no repair is necessary)	1 FRU

### Claim Repair Comments

When AGM battery recharging or replacement is **not** necessary, then 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 14 19 WP 1), unless otherwise required by State law.

### Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)

The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software I-level. If one or more control module failures occur during this programming procedure:

- Please claim this consequential control module-related repair work (including the IRAP Control Unit Recovery procedure as required, refer to the SIB in AIR) under the defect code listed in this bulletin with the applicable AIR labor operations.

Please explain this additional work (The why and what) on the repair order and in the claim comments section

For control module failures that occurred prior to performing this programming procedure:

- When covered under an applicable limited warranty, claim the applicable test plan and the corresponding control module-related repair work using the applicable defect code and labor operations in AIR (including

diagnosis with separate punch times).

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.