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- SIB 61 01 21

2021-01-21

48 V BATTERY DOES NOT CHARGE WITH EXTERNAL CHARGER AND
CLOSED HOOD

MODEL

E-Series	Model Description	Production Date	Affected Option Code
G05	X5 Sport Activity Vehicle	From August 1st, 2020	01CE Recuperation system
G07	X7 Sport Activity Vehicle		
G20	3 Series Sedan		
G22	4 Series Sedan		
G30	5 Series Sedan		

SITUATION

After the vehicle has been charged using a 12 V charger with the hood closed during a long stationary period, the 48 V battery may be totally discharged, and possible replacement is needed. For example, after a long stationary period in the showroom or storage.

Fault memory:

- 803419 - Batt48: Total discharge, may be entered in the BATT48V battery control unit.

Note: Trickle chargers (< 20-amp output) or solar chargers will not be able to charge the 48 V battery.

CAUSE

The 48 V battery does NOT charge when using a 12 V battery charger with the hood closed.

When charging the vehicle using a 12 V battery charger, the 48 V battery is ONLY able to charge with the hood open.

CORRECTION

In order to prevent total discharge and thus preliminary damage to the 48 V battery, there are two options:

Prerequisite: Vehicle is connected to 12 V permanent charger (for example in the showroom, whereby the 12 V charging cable is routed into the engine compartment via the vehicle underside, in order to close the hood.

Option 1:

In this case, an external battery charger must be activated every 48 to maximum 55 hours at the latest. Then the open the hood for at least 2 hours.

Option 2:

Disconnect the mains/signal connector **G14*1B** of the BATT48 (see attachment).

Important:

The 12V battery must be fully charged before unplugging the 48V signal connector.

Subsequently the hood can be closed.

Before the vehicle is driven again on the road, it is important to plug in the connector delete the fault memory using ISTA.

This is an option if the vehicle is standing in the showroom for an extended period (maximum of 12 months) and is not driven.

Note: The 48 V battery is not required for demonstration of various vehicle functions in the showroom.

QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Submit an IDS ticket to the Warranty Department or use the chat available in the Warranty Documentation Portal
Parts inquiries	Submit an IDS ticket to the Parts Department

Supporting Materials

[picture_as_pdf B61 01 21 Attachment.pdf](#)