



SERVICE ACTION: CHECKING THE SIGNAL WIRE AT POWER DISTRIBUTION BOX

Model

G05 (X5 Sports Activity Vehicle)	G07 (X7 SAV)	G12 (7 Series Sedan)	G14 (8 Series Convertible)
G20 (3 Series Sedan)	G29 (Z4 Roadster)		

Affected Vehicles

This Service Action involves the above-referenced models produced from July, 2018 to April, 2019.

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 the Key Reader.

Situation

The lithium-ion battery in the dual storage system is connected to the terminal 30C to enable issuing a switch-off command in the event of a crash. Terminal 30C is triggered by-

- The safety battery terminal
- A separating element in the power distribution box



Cause

In case the signal wire 30C is not plugged in, there is no disconnection of the dual storage battery in the event of a crash. The positive battery cable and the wiring of power distribution box are supplied with current until the dual storage is discharged. However, the short-circuit cut-off is operational via the battery management system (BMS) of the dual storage system.

Correction

Check the signal wire on the power distribution box in the luggage compartment for correct installation.

Procedure

 <p>GRUSB6119-17</p>	<p><b>For G12, G14, G20 and G29:</b> Check the signal wire in the luggage compartment under the luggage compartment cover for correct installation.</p> <ul style="list-style-type: none"> <li>• If the signal wire is not plugged in, assemble correctly.</li> </ul> <p><b>For G05 and G07:</b></p> <ol style="list-style-type: none"> <li>1. Disassemble the storage tray in the luggage compartment under the luggage compartment cover.</li> <li>2. Check the signal wire for correct installation. <ul style="list-style-type: none"> <li>• If the signal wire is not plugged in, assemble correctly.</li> </ul> </li> </ol> <p>Connector (circled) shown not plugged in.</p>
	<p>Connector (circled) plugged into the Battery Safety Terminal.</p>  <p>Note: Photo shows a G20. Other models may be slightly different.</p>



GRUSB6119-18

## Warranty Information

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

<b>Defect Code:</b>	<b>00 61 08 05 00</b>		
<b>Work Pkg</b>	<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description (Plus work):</b>
# 1	00 67 980	1 FRU (G12/G14/G20/G29); 2 FRU (G05/G07)	Checking/connecting the signal wire in luggage compartment (Plus work)

### Claim Repair Comments

Unless additional related/in conjunction work was required (not addressed and/or included in the above), then only reference the SIB number and the work package (Pkg) number above in the RO technician notes and in the claim comments (For example: B61 09 19 WP 1).