



SIB 61 09 21

2021-07-16

## 48 V BATTERY FAULTS WITH CHECK CONTROL MESSAGE ID 49

**MODEL**

E-Series	Model Description	Production Date	Affected Option Code
G01	X3 Sports Activity Vehicle	From September 1 <sup>st</sup> , 2020 to September 10 <sup>th</sup> , 2021	1CE - RECUPERATION SYSTEM
G02	X4 Sports Activity Coupe		
G05	X5 Sports Activity Vehicle		
G06	X6 Sports Activity Coupe		
G07	X7 Sports Activity Vehicle		
G12	7 Series Sedan		
G14	8 Series Convertible		
G15	8 Series Coupe		
G16	8 Series Gran Coupe		
G20	3 Series Sedan		
G22	4 Series Coupe		
G23	4 Series Convertible		
G30	5 Series Sedan)		
G32	640i xDrive Gran Turismo		

**SITUATION**

Check control message (CCM-ID 49) "You can continue driving. Drivetrain". In addition, the following information is shown on the Central Information Display (CID):

"You can continue to drive. No roadside assistance necessary. To avoid subsequent damage, arrange an appointment with your Service Partner"

The Check Control message appears in combination with one or all the following fault code memory entries:

- 80341A -Batt48: Separating element jammed open - no actuation of the separating element possible
- 803429 -Batt48: Sensor fault, plausibility check, module voltage to terminal voltage
- 80340E -Batt48: Sensor fault, electric terminal voltage - Drop below measuring range

**Important:** The fault code memory entries can occur also without any Check Control message

**CAUSE**

Software in the control unit BATT48

**PROCEDURE**

Determine the vehicle's current I-level by either using AIR or the Key reader/ISPA NEXT application.

1. Perform diagnosis with the latest version of ISTA, working through test module, if needed.

2. Is the vehicle current integration level up to S15A-21-07-520 / S18A-20-07-510 or higher?

**YES:** Do not program the vehicle and perform diagnosis with ISTA

**NO:** Proceed to Step 3

3. Program the vehicle using ISTA 4.30.2 or higher (released July 2021).

Model	Target integration level
<b>G01, G02, G12, G30</b>	<b>S15A-21-07-520</b> or higher
<b>G05, G06, G07, G14, G15, G16, G20, G22, G23, G32</b>	<b>S18A-20-07-510</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

## **WARRANTY INFORMATION**

During this workshop visit, the affected vehicle may show one or more programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

**Select one of these open Technical Campaigns to perform and submit for updating the vehicle's software to the required I-level or higher.**

**Please be sure to perform any additional before and/or after work (including attaching labels) as required by the open campaigns on the vehicle. Close any remaining open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.**

Only if the above situation does not apply, the BMW software solution is then:

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks, or the BMW Certified Pre-Owned Program as described below.

<b>Defect Code:</b>	<b>6121120200</b>	<b>48-V battery Software error / internal device fault</b>
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Refer to AIR for the corresponding flat rate unit (FRU) allowances.

Labor Operation	Description	Labor Allowance
00 00 006	Performing vehicle test (with vehicle diagnosis system – checking faults) (Main work)	Refer to AIR
Or:		
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)	Refer to AIR
And:		
61 21 528	Support voltage of the vehicle electrical system / recharge vehicle electrical system battery	Refer to AIR
And		
61 00 730	Programming/encoding control unit(s)	Refer to AIR

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006.

## Programming and Encoding - Vehicle Control Units (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 Defect Code in this bulletin with the labor operations in AIR that apply.

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 Defect Code and labor operations (including diagnosis) in AIR that apply.

Based on which one applies to your center, please refer to **SI B01 01 20** or **B01 07 20** for claiming your diagnosis work time, job/repair work time (WT), RO/Claim WT and/or repair explanation procedures, unless otherwise required by State law.

## Other Repairs

If other eligible and covered work is performed as a result of performing the ISTA diagnostics and related test plans, claim this work with the applicable Defect Code and the labor operations listed in AIR (including diagnosis).

## QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Please contact the Warranty department by either using the Live Chat that's available in the Warranty Documentation Portal or through IDS by selecting Coverage, Policy, Coding Questions and Mileage Corrections
Parts inquiries	Submit an IDS ticket to the Parts Department