



SIB 52 10 25

THIRD SEAT ROW ELECTRIC BACKREST ACTUATOR DESIGN  
CHANGE

2025-08-28

This Service Information Bulletin (Revision 1) replaces SI B52 10 25 **dated August 2025**.

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

- Correction, Procedure: The conversion software is only needed when using the new part number actuator in a vehicle produced prior to March 28, 2025

|                                     |                                                       |
|-------------------------------------|-------------------------------------------------------|
| <input checked="" type="checkbox"/> | THIS REPAIR IS MOBILE FRIENDLY                        |
| <input type="checkbox"/>            | THIS REPAIR IS REMOTE SOFTWARE UPGRADE (RSU) FRIENDLY |

**MODEL**

| E-Series | Model Description          |
|----------|----------------------------|
| G07      | X7 Sports Activity Vehicle |

**SITUATION**

The electric actuator for the third row (3SR) seat changed design and part number, and is used in production vehicles as of March 28, 2025.

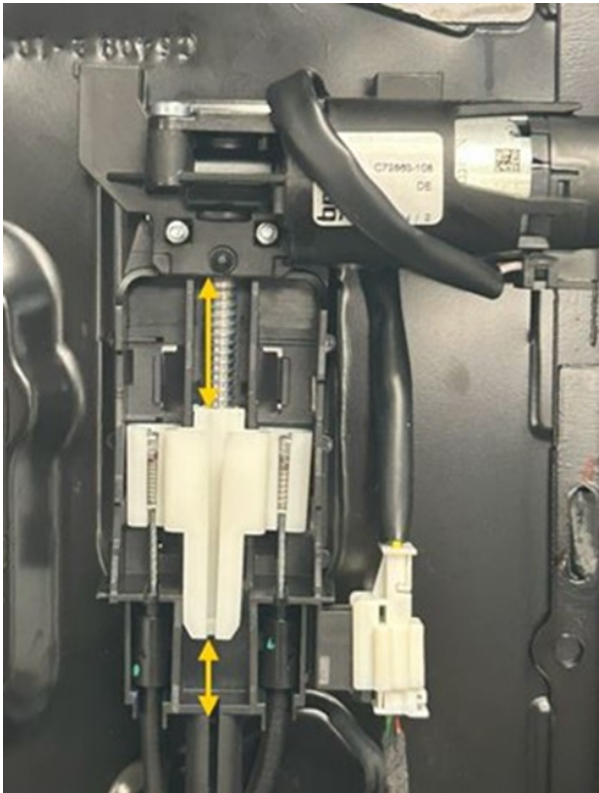
- There are two such actuators at this seat row, one for the left seating position; and one for the right

**Important Note**

The new actuator’s spindle driver “turns in the opposite direction from the previous design,” thereby requiring a change/update of vehicle’s software.

The improved actuator parts fit all applicable vehicle model production dates going forward when the installation is coupled with the correct software though a Conversion procedure if required.

**CAUSE**



This design improvement ensures the seat back latches and headrest will release even when the actuator is experiencing a low voltage condition.

## CORRECTION

The improved part fits vehicles of all production dates. The new actuator's spindle driver turns in the opposite direction from the previous design, requiring a change in vehicle software.

- **52 20 9 473 697** Actuator folding backrest for vehicles **built prior to March 28, 2025** (part to be discontinued). **When using this actuator DO NOT PROGRAM vehicle. The ISTA/P conversion software is NOT NEEDED.**
- **52 20 5 B6C 6A1** Actuator folding backrest for vehicles **built after March 28, 2025**.
  - When installing this improved actuator into a vehicle **built prior to March 28, 2025** you must replace the headrest actuators in both the driver's and passenger's third-row seats at the same time AND perform ISTA/P conversion "Replace 3rd row actuator".
  - When installing this improved actuator into a vehicle **built after March 28, 2025** only replace the defective side

## PROCEDURE

These networked seats are described in detail in Service Bulletin **B52 23 19**. In that service bulletin all relevant seat bulletins are listed.

For detailed diagnosis of the third-row seat see instructions in SI **B52 09 20**.

1. When replacing the electric actuator for the third row (3SR) seat:

- See **REP 67 31 645** Remove and install/replace drivetrain for backrest release of third-row seating (left or right) (according to vehicle diagnosis)
- For vehicles **built prior to March 28, 2025**, use up existing stock of part number **52 20 9 473 697**. Once this parts stock is depleted, this part number will be no longer available.
- **When using this actuator DO NOT PROGRAM vehicle. The ISTA/P conversion software is NOT NEEDED.**

ABL-DIT-AT5220\_GFAHANSV - Driver's side rear seat adjustment drives - V.22

Procedure

Wiring Diagram

This vehicle has a production date before 01.03.2025.

**Notice!**

In the event that the drive for the remote backrest unlocking of the third-row seating needs to be replaced, it is necessary to adapt the encoding data via the conversion path "Replacement of third-row seating actuator".

Continue test module with Continue.

To install the new **52 20 5 B6C 6A1** into a vehicle **built prior to March 28, 2025**, you must replace the headrest actuators in both the drivers and passengers third-row seats at the same time AND perform ISTA/P conversion "Replace 3rd row actuator". This will add **+AA3S** into the Vehicle Order to reverse the spindle drive direction.

There is a note about this retrofit added into Test Plans-

Driver Rear Seat Module-  
ABL-DIT\_AT5220\_GFAHANSV

Passenger Rear Seat Module-  
ABL-DIT\_AT5220\_GBFHANSV

for the rear seat modules as of ISTA version 4.52.1x that will appear for vehicles produced prior to April 2025.

- For vehicles **built after March 28, 2025**, part number **52 20 5 B6C 6A1** will be the only available part number. It is

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## PARTS INFORMATION

To determine the part number that applies to the specific vehicle being repaired, enter the VIN/chassis number into either ETK or AIR. This will consider the specific equipment and/or options that are fitted to the vehicle.

| Part Number     | Description                                                                                                                                                                            | Quantity |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 52 20 9 473 697 | Actuator folding backrest vehicles built prior to March 28, 2025 ( <b>part to be discontinued</b> )                                                                                    | 1        |
| 52 20 5 B6C 6A1 | Actuator folding backrest vehicles built after March 28, 2025 ( <b>part can be retrofitted in pairs on vehicles built pre March 28, 2025 when coupled with the ISTA/P Conversion</b> ) | max 2    |

## CLAIM INFORMATION

This Service Information Bulletin provides technical, and repair-related information.

Damage, issues caused by outside influences and/or improper prior repairs are not covered under the BMW limited warranties.

### Eligible and Covered Work/Repairs

When used to repair a verified defect in materials or workmanship, the information provided in this bulletin is covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

To submit a claim, please follow the established and applicable warranty policy and procedures (Labor/Part/Sublet) that apply to the repair being performed.

|                     |                                                             |                                                                                                                      |
|---------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Repair Code:</b> | <b>Refer to AIR / SIB (non-Recall / non-Service Action)</b> | <b>Claim with the submission for the covered repair that required the additional work procedure to be performed.</b> |
|---------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|

As applicable, use the applicable Repair Code together with the corresponding flat rate labor operation codes (including the diagnosis that applies\*).

Only one Main labor operation code can be claimed per repair visit.

### Associated Vehicle Programming, Encoding and Conversion Procedure

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.

**Select one of these open Technical Campaigns instead to perform and submit for updating the vehicle to the required I-level, or higher when applicable to perform the conversion procedure (Includes labor operation codes 00 00 006/556, 61 21 528 and 61 00 730).**

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

(\*) Only when the above does not apply, and when required, the BMW software update / conversion procedure is also covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks, or the BMW Certified Pre-Owned Program in conjunction with the primary repair that required this additional work.

Based on which one applies to your center, please refer to **SI B01 01 20** or **B01 07 20** for the applicable procedure for documenting, claiming, and explaining, on the RO and in the claim comments, your diagnosis  
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FEEDBACK REGARDING THIS BULLETIN

|                    |                                                                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technical Feedback | To submit feedback for the technical topic of this bulletin: Submit your feedback in the rating box at the top of this bulletin                                             |
| Warranty Feedback  | To submit feedback for the CLAIMS section of this bulletin: Submit an IDS ticket to the Warranty Department, or use the chat available in the Warranty Documentation Portal |
| Parts Feedback     | To submit feedback for the PARTS section of this bulletin: Submit an IDS ticket to the Parts Department                                                                     |

