



SIB 52 19 23

2024-12-17

## SECOND ROW 60/40 SEAT RAIL FLEX CABLE REPLACEMENT

This Service Information Bulletin (Revision #1) replaces SI B52 19 23 **dated December 2023**.

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

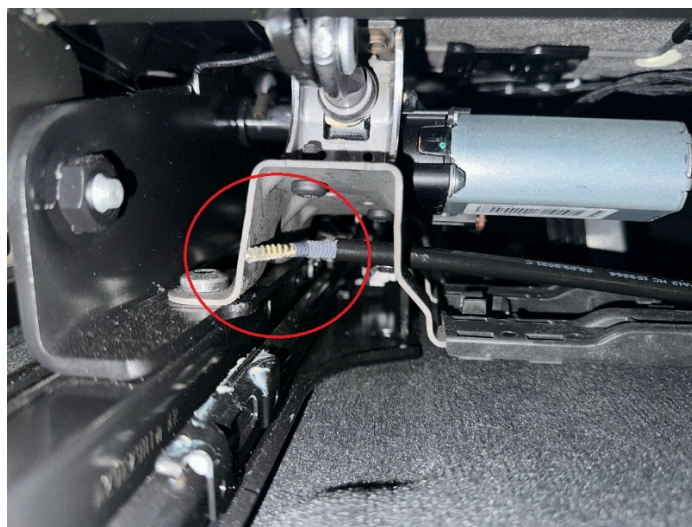
- 2 Videos added.
- Procedure Attachment modified.

THIS REPAIR IS MOBILE FRIENDLY

## MODEL

| E-Series | Model Description          | Affected Option Code  |
|----------|----------------------------|---|
| G07      | X7 Sports Activity Vehicle | 7-passenger vehicle equipped with second row 60% / 40% split seat |

## SITUATION



In vehicles equipped with the second row 60% / 40% split seat, the flex cable assembly can come out of the seat rail mechanism (circled). This stops the forwards and backwards travel of the seat.

## CAUSE

Something has mechanically jammed the seat movement on one or both sides of the seat.

See how an obstruction can cause the flex cable to pop loose.

See VIDEO [BV52 06 24 Flex Cable Pops Out](#)

## CORRECTION

Locate and remove the foreign object, if still present.

Replace only the damaged flex cable assembly instead of entire seat rail assembly.

## PROCEDURE

1- It is recommended that this repair be done with the seat still assembled in the vehicle, though there is limited access and visibility.

See VIDEO [BV52 07 24 Flex Cable Install](#)

**ONLY IF** needed for greater access and visibility:

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- the seat can be removed from the vehicle.
- the seat cover can be removed as per Repair Instructions:

Replacing the left seat surface cover **52 25 212** for the 60% driver's second row seat

**Or**

Replacing the right seat surface cover **52 25 214** for the 40% passenger second row seat

2- See procedure attachment for instructions on how to replace these cables on the 60% driver's second row seat. The procedure is similar for the 40% seat.

**NOTE:** The attached procedure shows replacement of one of the flex cables both with and without electric motor removal.

- **To replace the long flex cable**, you do not need to remove the electric motor from the carrier; just pivot it up on one side.
- **To replace the short flex cable** the electric motor may have to be removed from the carrier.

3- If the seat is removed from the vehicle, the seat mounting bolts must be replaced and torqued in sequence. See Service Bulletin [B52 23 19](#).

4- These networked seats are described in detail in Service Bulletin [B52 23 19](#) which contains information on all relevant seat bulletins.

## **PARTS INFORMATION**

To determine the part numbers that apply 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.

| <b>Part Number</b> | <b>Description</b>                            | <b>Quantity</b> |
|--------------------|---|-----------------|
| 52 20 5 A9C 054    | Kit flexible shafts (40% seat passenger rear) | 1 if needed     |
| 52 20 5 A9C 055    | Kit flexible shafts (60% seat driver's rear)  | 1 if needed     |
| And if needed:     |   |                 |
| 07 14 7424979      | (Seat mounting) Hexagon screw with flange     | 4               |

## **CLAIM INFORMATION**

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

Damage and/or issues caused by outside influences/foreign objects are not covered under the BMW limited warranties.

## **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   |

Supporting Materials

[picture\\_as\\_pdf Attachment B52 19 23 FLEX CABLE RR.pdf](#)

Videos

[52 06 24](#)

[52 07 24](#)

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# FLEX CABLE REPLACEMENT, SLV MOTOR, 60% SEAT

G07 (X7) SECOND ROW 60/40 SEAT RAIL  
ATTACHMENT TO SERVICE BULLETIN 52 19 23 – DECEMBER 2024

Technical Service

NOTE: This repair can be done with the seat still assembled in the vehicle but there is limited access and visibility.

If needed for greater access and visibility:

- the seat coverings can be removed
- the seat can be removed from the vehicle.

Pictures show the seat removed from vehicle and stripped of coverings for clarity.

1. Place seat bottom cushion raised in the rear and backrest straight up for access as shown.



## 2. Locate problem area of flex cable drive(s)

In this example the 60% seat inboard flex cable has come out of the seat rail gearbox.

This will stop the seat from moving forwards and backwards on the rails.



3. Measure the misalignment on both rails and compare how much the difference is. Note: Do the same process for the right side and the left side.

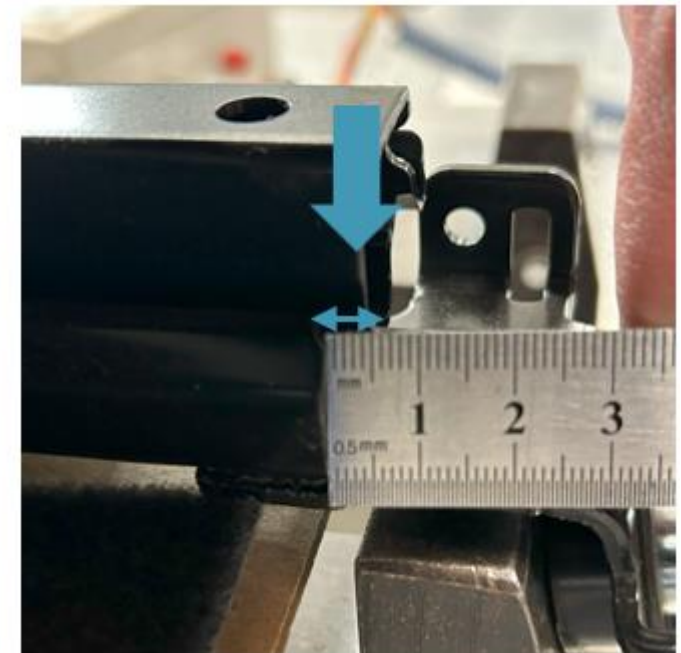
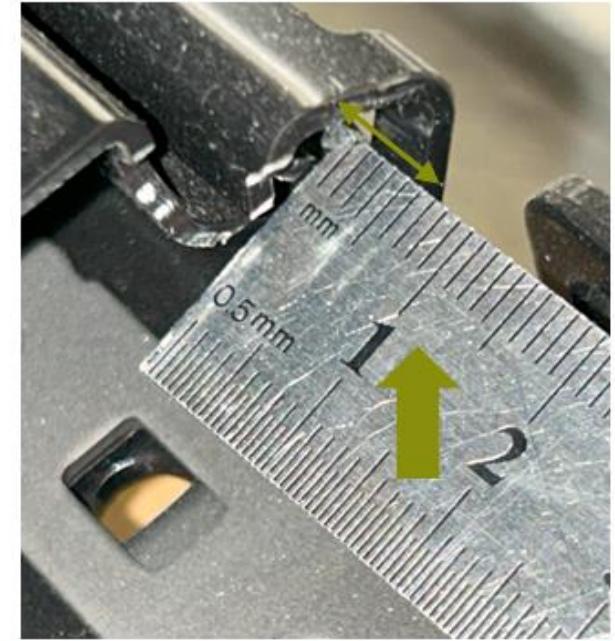
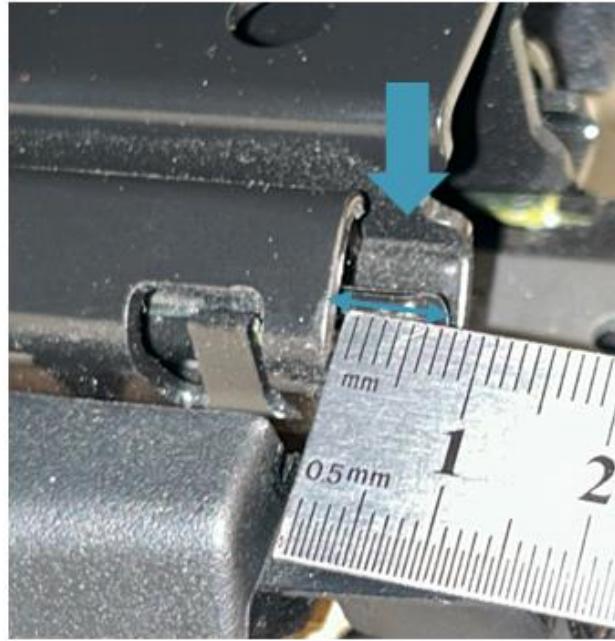
Left Rail: 8 mm outside Frame

Right rail: 6 mm Inside Frame

Considering that the right flex shaft is out of position, the left one must move the necessary distance so that it is aligned with the right one.

After aligning rails side to side remeasure before flex cable installation.

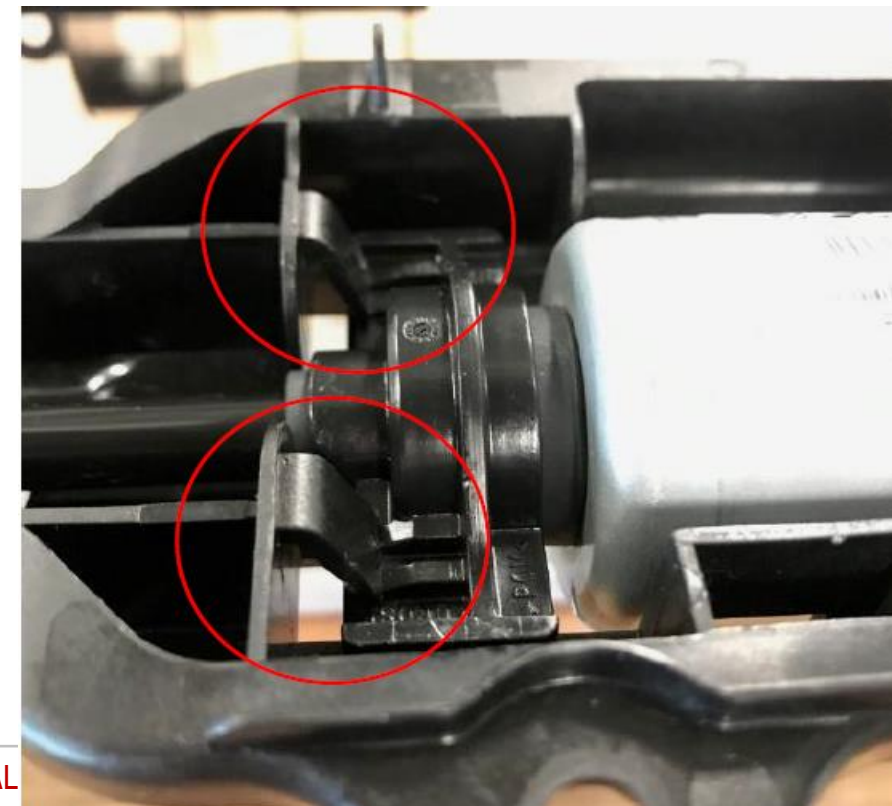
Now both rails are at 4 mm



4. To make this repair the inboard flex cable and cover tube needs to be completely removed from the motor carrier tray and replaced. This will be shown in the next steps.



5. The motor for forward/backwards adjustment (SLV) must be removed next. Use flathead screwdrivers to carefully disengage the two motor carrier spring clips to unsecure. Remove motor retainer/cover and one side flex cable. See next steps for detail



6. Use flathead screwdrivers to carefully disengage one of the motor carrier spring clips. That allows you to pivot the motor upwards without removing the opposite side flex cable.

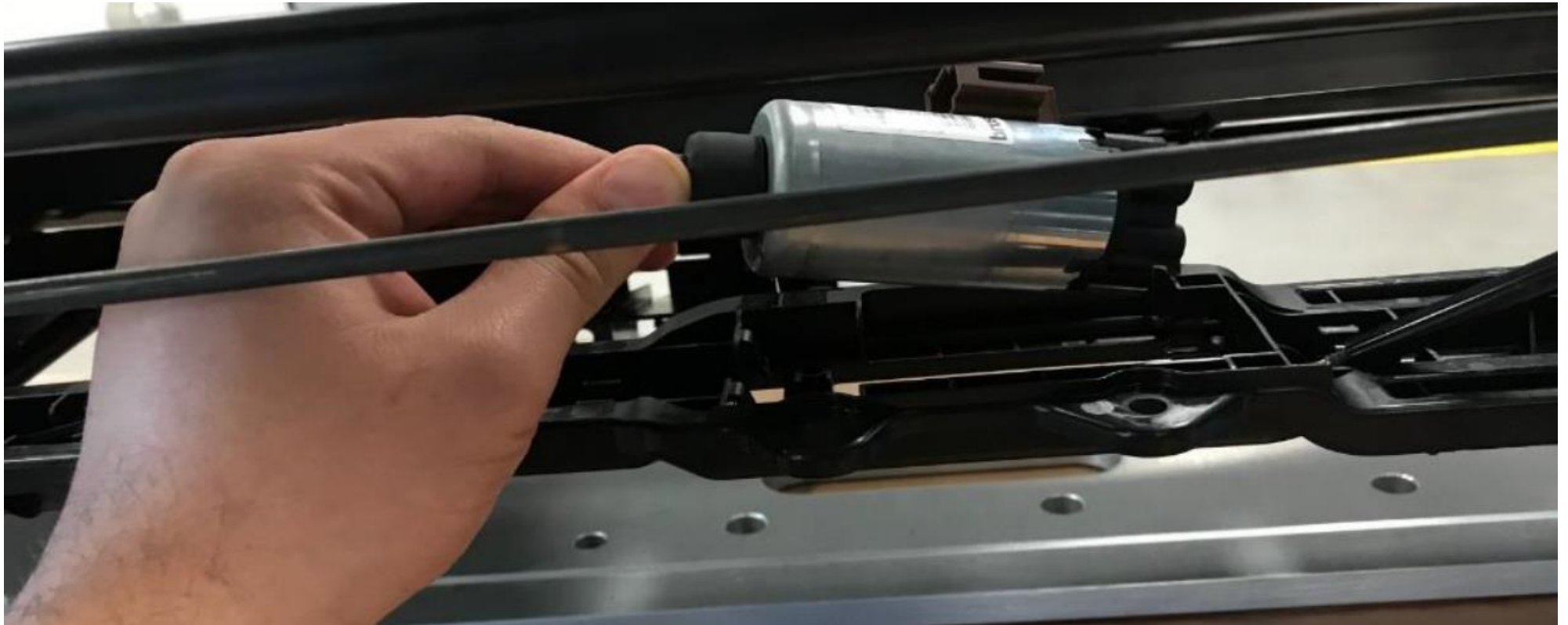


7. Remove motor retainer/cover.



8. Only remove motor if you have to replace/access the short cable.

For our one long cable repair the motor can be left held in place by one of the motor carrier spring clips on the side of the cable you are not replacing.



9. Reinstall the inboard side flex cable and cover tube into the motor carrier clips.



10. Insert the flex cable into the motor and loosely reseat motor into motor carrier tray.



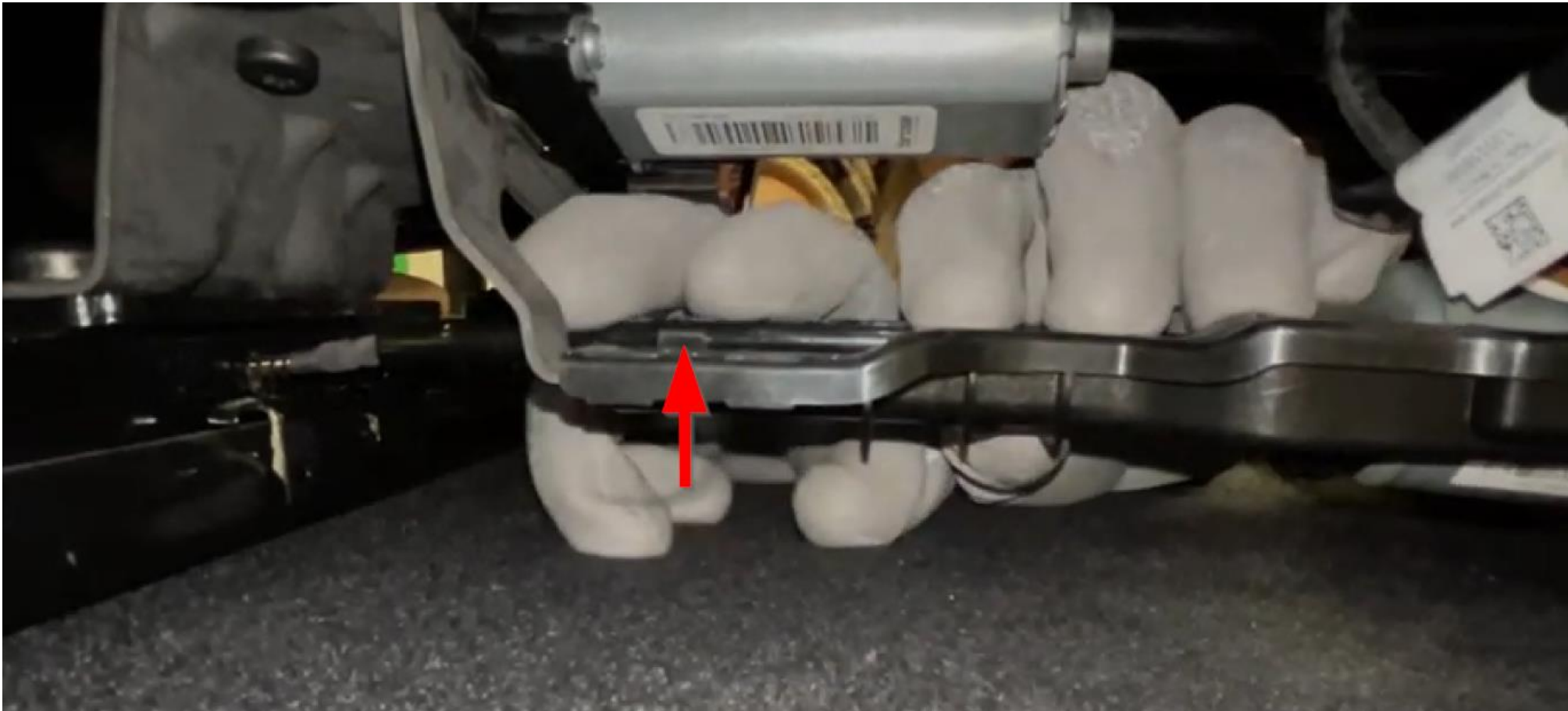
11. Move flex cable in the inboard direction so it is properly seated into the rail gearbox.



12. Connect outboard flex cable into motor.



13. Make sure the flex shaft is fully inserted into the electric motor and then push the flex shaft down into the plastic clips holding it in place.



14. Once both flex cables are properly secured and aligned, use plastic cover piece to resecure motor. Make sure both spring clips are engaged.



15. Test seat operation multiple times fully forwards and fully backwards on rails to ensure installation was correct and flex cables correctly engaged the rail gearboxes.

