



SIB 52 09 21

2022-10-05

NOISE FROM SEAT RAILS DURING SEAT OPERATION

This Service Information Bulletin (Revision 3) replaces SI B52 09 21 **dated March 2022**.

What's New (Specific text highlighted):

- Correction – Seat rails have been removed from Teileclearing
- Procedure – Seat bolt replacement added

MODEL

E-Series	Model Description	Production Date	Affected Option Code
G05	X5 Sports Activity Vehicle	All	First row seats and second row executive/captain's seats if equipped.
G07	X7 Sports Activity Vehicle		
G06	X6 Sports Activity Vehicle		First row seats only

SITUATION

Noise is heard from the seat frame/rail assembly.

- Noises may occur dynamically (creaking/knocking) when weight is shifting upon the seat
- Noises may also occur when activating the seat motors

CAUSE

Seat spindle drives and/or seat rails need lubrication. Lack of lubrication may cause noise when the seat motors are running and/or may cause dynamic noises.

CORRECTION

Perform the following prior to doing any seat parts replacement for noise concerns:

- Lubricate the seat rail assembly
- Remove seat mounting bolts, replace and torque bolts

PROCEDURE

1. See related Service Buletins that may also apply:

- For various noises from the front seats see [SI B52 05 19](#)
- For noises from the front seat headrest during operation see [SI B52 13 19](#)
- Reference [SI B52 23 19](#) for troubleshooting and details on operation of these seats.

Follow procedure attached to this bulletin to lubricate the seat rail assembly.

Loosen, replace and re-torque the mounting bolts according to the service torque sequence in ISTA, front bolts first, rear bolts second. **Tightening Torque 42 Nm**

4 - If the seat noise persists after lubrication has been performed and you need support please submit a "REPLY REQUESTED" TSARA case.

If you just want to document repair work done without parts replacement, submit an "INFO ONLY" TSARA case.

PARTS INFORMATION

When applicable, obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

Part Number	Description	Quantity
83 23 0 396 713	Klubersynth LF 44-22 (50 gr tube will lubricate 10+ seat	Sublet

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	frames/ up to 5 vehicles) – Order as needed, do not stock	
AND:		
07 14 9 321 690	Fillister head seat mounting bolt	4 per seat (8 max G06) (16 max G05/G07)

CLAIM INFORMATION

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

Issues caused by outside influences are not covered.

Eligible and Covered Work/Repairs

When used to repair a verified defect in materials or workmanship, the repair procedure 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 – Bulk material as noted above) that apply to the repair being performed.

Refer to AIR for the corresponding Defect Code, flat rate labor operations (including diagnosis) and the flat rate unit (FRU) allowances.

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

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 work time (WT), job/repair work time (WT), and the vehicle repairs your center performed, unless otherwise required by State law.

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

Supporting Materials

[picture_as_pdf B520921 Service greasing on 1SR seat structures.pdf](#)

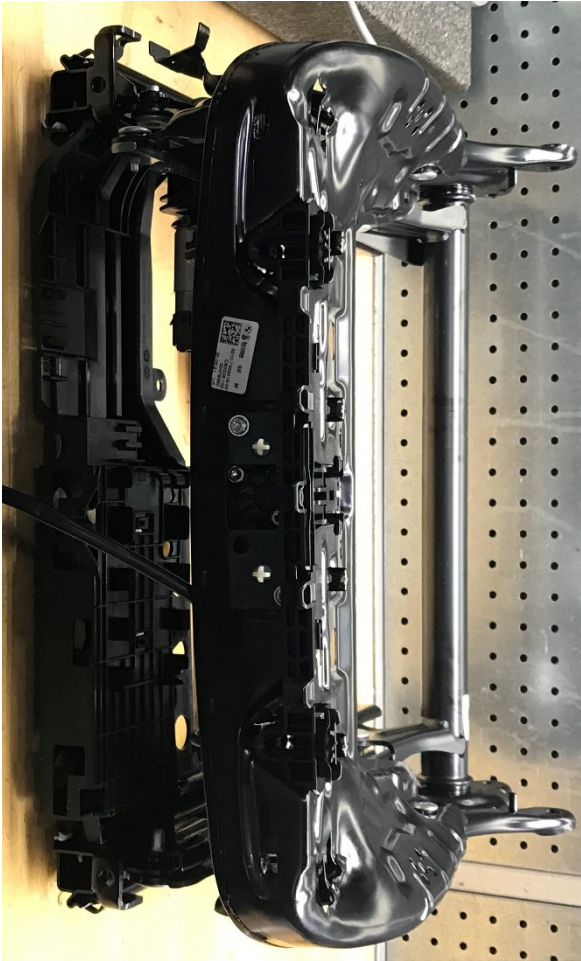


Service greasing of first row seat structure (ISR)



1SR greasing overview

All spindles can be greased on motors and LV spindles to help with noises



Brush needed to apply grease



Preferred grease for all spindles on 1SR structure is P/N 83 23 **0396713** Klubersynth LF 44-22

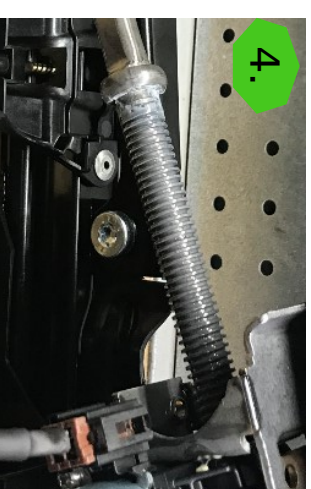
One tube is sufficient to service 10 seat rails or 5 vehicles total.

SHV motor spindle greasing

Function seat adjuster full up and leave seat adjuster up for all greasing



1. Locate HV spindle once seat is all the way up.
2. Apply even amount of grease to brush.
3. Spread grease along the entire HV motor spindle.
4. Once grease is spread function seat full down and up 3x to distribute grease evenly along the spindle.

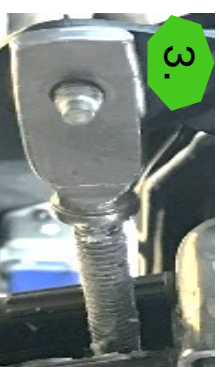


SNV motor spindle greasing

Function Cushion (NV) motor full up and leave seat adjuster up for all greasing



1. Locate NV spindle once NV is driven all the way up.
2. Apply even amount of grease to brush.
3. Spread grease along the entire HV motor spindle.
4. Once grease is spread over spindle function Cushion motor full down and up 3x to distribute grease evenly along the spindle.

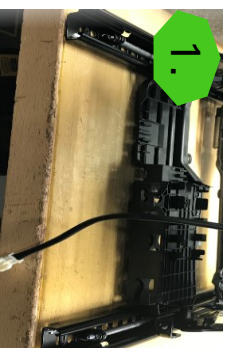


IB and OB LV spindle greasing

Function Length adjuster full forward to grease front of spindles and full rear to grease rear of spindles



1. Locate SLV motor and run seat full rearward to show IB and OB spindles.
2. Apply even amount of grease to brush.
3. Spread grease along the entire LV spindle.
4. Once grease is spread over IB and OB spindle function length adjuster back and forth 3x to distribute grease evenly along the spindle.
5. Run seat full forward to show rear IB and OB of spindles and repeat above process.



STV spindle greasing



1. Run STV cushion extender all the out and locate the spindle under the cushion pan.
2. Apply even amount of grease to brush.
3. Spread grease along the entire STV motor spindle.
4. Once grease is spread over spindle function STV motor full forward And rearward up 3x to distribute grease evenly along the spindle.

