



SIB 54 07 19

2019-09-05

GURGLING NOISE FROM SUNROOF DRAINS

MODEL

E-Series	Model Description
F15	X5 Sports Activity Vehicle
F85	X5 M Sports Activity Vehicle

SITUATION

A gurgling noise can be heard from the front sunroof drain tubes under one or more of the following circumstances (vehicle either stationary or being driven):

- Windows, doors, and sunroof closed
- Blower motor set to maximum speed setting
- Set the automatic air conditioning to “fresh air” (Recirculation turned off)

Changing the above conditions will cause the noise to disappear.

CAUSE

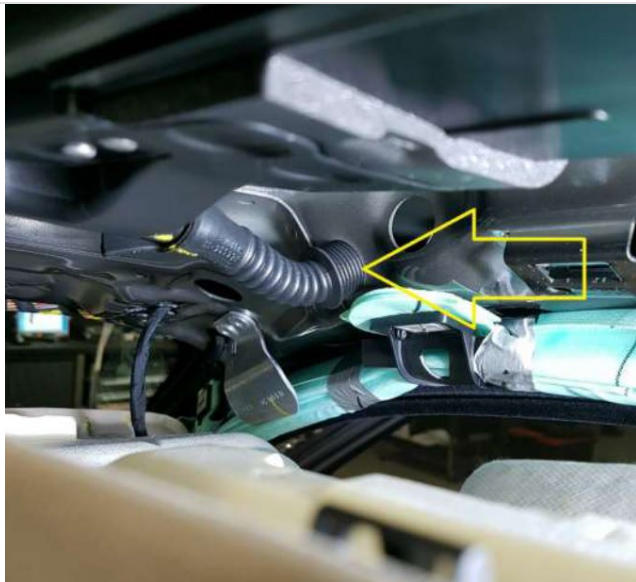
One or both of the front sunroof drain hoses have moved out of proper position, causing water to collect in the hose just before entering the A-Pillar.

CORRECTION

Reinstall the sunroof drain tubes into the vehicle body and secure them using adhesive.

PROCEDURE

1. Remove the headliner to inspect the position of the drain tubes, following repair instructions REP 51 44 013 “**Removing and installing (replacing) headlining (with panorama roof).**”



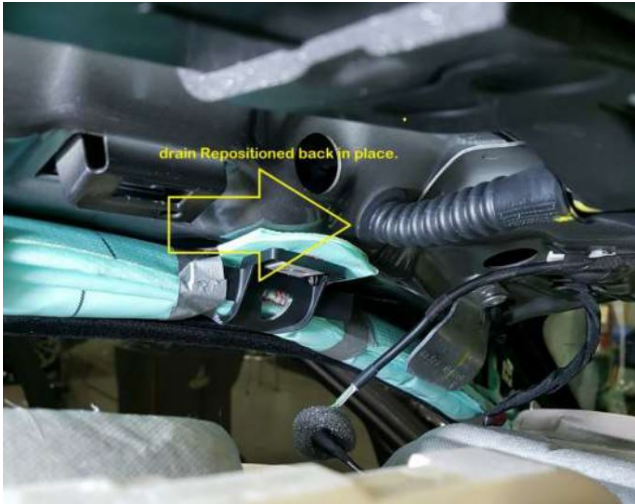
2. Inspect the front sunroof drain tubes for proper position.

The photo shows a sunroof drain hose which has come out of position, hangs down, and allows water to collect.

Note: In this example, the rubber grommet has pulled out from the body of the vehicle.

Properly installed drain hose.

- The drain hose does not hang down
- Water cannot collect



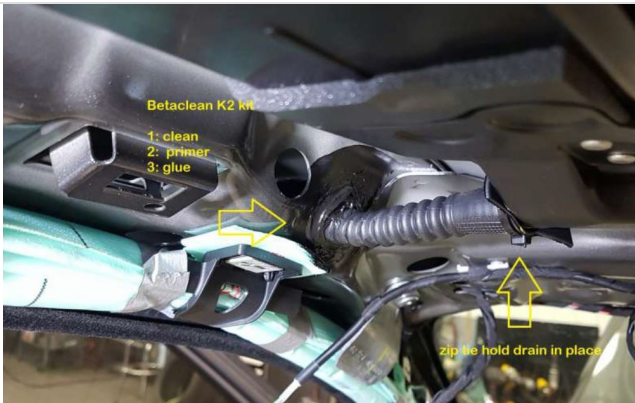
3. Were either drain hoses found to be out of position?

YES: Continue to step 4.

NO: Continue diagnostics, this bulletin does not apply.

4. Correctly install the drain hose(s) back into the vehicle body.

Note: Ensure that the hoses are completely seated into the vehicle body as shown above.



5. After installing the front drain hoses, apply Betalink K2 adhesive, PN 83 19 2 453 908 around the hose grommet at the body, as well as around the hose as shown to the left.

- Install a zip tie around the hose at the sunroof water outlet to ensure the hose does not come loose.

Note: K2 adhesive comes as a set with cleaner, primer, and adhesive. Follow the directions for K2 application to ensure a proper bond.

6. Completely re assemble the vehicle.

PARTS INFORMATION

Part Number:	Description:	Quantity:
83 19 2 453 908	Betalink K2 adhesive kit (2 x 100ml)	1

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	5412013900 Water drain hose, SHD/panorama glass roof disruptive noises	
Labor Operation	Description	Labor Allowance
51 44 013	Remove and install headlining (Main Work)	Refer to AIR
Or:		
51 44 513	Remove and install headlining (Pus work)	Refer to AIR
And:		
54 00 001	Work time to reposition drain hose and apply adhesive to one	4 FRU

	or both drain hoses	
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If you are using a Main labor code for another repair, use the Plus code labor operation 51 44 513 instead of 51 44 013.

Refer to AIR for the corresponding flat rate unit (FRU) allowances.

Work time labor operation code 54 00 001 is not considered a Main labor operation. Also, since the work time FRU allowance to be claimed is specified, a separate punch time is not required. However; it still requires an explanation on the repair order and in the claim comments section.

And, as needed:

Sublet – Bulk Materials (RO and Claim Comments Required)

Sublet Code 4	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk materials (Do not use the BMW part number for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk material (BMW part number) is at the dealer net price amount for the quantity used plus your center’s handling.

Enter this material cost in sublet and itemize the amount on the repair order and in claim comment section.