



SIB 54 02 23

2023-10-06

WATER INGRESS FROM THE PANORAMIC SUNROOF DRAIN HOSE

THIS REPAIR IS MOBILE FRIENDLY

MODEL

E-Series	Model Description	Affected Option Code
U11	X1 Sports Activity Vehicle	402 Panoramic Moonroof

SITUATION

Water ingress from the panoramic sunroof (aka moonroof), either on the front driver’s and/or passenger’s side.

CAUSE



The panoramic sunroof drain hose has been over-sprayed with either paint and/or clear coat at the plant, causing the hose to tear at the top due to vibrations/body flex in the vehicle.

CORRECTION



Install a rigid plastic tube into the panoramic sunroof drain hose.

PROCEDURE

1. Lower the headliner following the repair instructions listed in ISTA/AIR 51 44 915.



2. Source a plastic tube from a local hardware store using the specs provided in the photo.

Note: It's recommended to source a plastic tube with ribs on it as shown in the photo, which provide a stronger resistance for the hoses to pull off.



3. Install the plastic tube into the hose on the vehicle side.



4. Install the other half of the hose that connects to the panoramic sunroof cassette onto the plastic tube.



5. Install two zip ties (arrows) on each side of the hose.

6. Install panoramic sunroof drain hose onto the cassette along with the headliner. Verify the repair.

Source the plastic tube “insert” locally.

CLAIM INFORMATION

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

Repair Code:	5412244800	Water channel SHD / panorama roof Leaking
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Diagnosis

Labor Operation	Description	Labor Allowance
54 00 001*	Locating convertible top/sliding/tilting sunroof complaint(s) (Work time) (Main or Plusposition work as applicable**)	WT
Or:		
00 58 000*	Diagnosis Worktime Flat Rate (Main work)	3 FRU
Or:		
00 58 500*	Diagnosis Worktime Flat Rate (Plusposition work)	2 FRU

**If work time labor operation code 54 00 001 includes Main work, then use the Plus code labor operations for all other repairs.

And, together with the applicable diagnosis above and the repair below that applies, obtain the flat rate unit (FRU) allowance.

Repairing One Side

Labor Operation	Description	Labor Allowance
51 44 915	Lowering headlining (Associated work)	As applicable
And:		
54 99 000	Work time to install a plastic tube insert to repair the connection between the hose on the vehicle side and the hose on the panoramic sunroof (one-side)	3 FRU

Or:

Repairing Both Sides

Labor Operation	Description	Labor Allowance
51 44 915	Lowering headlining (Associated work)	As applicable
And:		
54 99 000	Work time to install plastic tube inserts to repair the connections between the hoses on the vehicle side and the hoses on the panoramic sunroof (both-sides)	5 FRU

And:

Sublet – Bulk Materials (RO and Claim Comments Required)

Sublet Code 4	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk
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Sublet - No Part Number (NPN) Plastic Tube Insert

Locally sourced supplies (Items not available through BMW NA only) are reimbursed at the cost of the item plus 20 percent, at the quantity needed (WPPM Section 8 Page 25).

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

*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.

BMW Group's AIR Application Resource for Flat Rate Labor Operation Codes

To obtain the corresponding flat rate unit (FRU) allowance information from the BMW Group AIR application resource, start by entering the Chassis Number (the last seven (7) characters of the VIN, select the applicable Model if two or more vehicle choices show), or enter the full VIN (17 characters), click on the "Search" button. Next, click on the "Flat Rate Units" button and enter the flat rate labor operation code in the field to the right, click "Search" to display the Flat Rate Unit Group detail choices.

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

