BMW

SI B54 06 17
Special Roofs

November 2017
Technical Service

WATER LEAK NEAR ROOF FUNCTION CENTER (FZD)

MODEL
F25 (X3)

SITUATION
Dampness is noticed on the roof liner near the Roof Function Center and/or the hands free microphone.

CAUSE
Water is leaking at front of sunroof cassette, at the front end frame at the plastic/aluminum junction point.

CORRECTION
Apply additional butyl rope to reinforce transition point at the front end frame of the sunroof cassette.

PROCEDURE
For conditions that are similar to the situation described:

- Follow the attached Panorama Roof Drainage Repair Procedure.

PARTS INFORMATION

Part Number	Description	Quantity
81 22 0 441 263	Butyl Rope	As needed

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

Defect Code:	5412215000	
Labor Operation:	Labor Allowance:	Description:

54 10 260	Refer to KSD2	Removing and installing panorama glass roof (Main work)
Or:		
54 10 760	Refer to KSD2	Removing and installing panorama glass roof (Plus work)
And:		
54 99 000	5 FRU	Leak testing and applying butyl rope to affected leak area.

If you are using a Main labor code for another repair, use the Plus code labor operation 54 10 760 instead of 51 10 260.

Refer to KSD2/AIR for the corresponding flat rate unit (FRU) allowances.

Work time labor operation code 51 99 000 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.

And, as needed:

Sublet – Bulk Materials

| **Sublet Code 4** | See the sublet reimbursement calculations below | Reimbursement for the repair-related bulk material (Do not use part numbers for claim submission) |

Sublet reimbursement calculation for claiming repair-related bulk material (BMW part number) is at dealer net price for the "used quantities" plus your center's handling.

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

Overlapping Labor Procedure – Other Repairs

If invoicing the KSD2 flat rate labor operation codes for other repair work results in overlapping labor, for those flat rate labor operations that are affected, you can now:

- Replace the stated KSD2 "FRU allowance" with a "reduced FRU value" to eliminate the overlapping labor.

For help in identifying the overlapping labor, please refer to the AIR FRU Plausibility Check (Overlapping Labor Tool) that is located in the AIR Client.

Eligible other repair work being claimed under a different defect code will require separate punch times.

On the repair order and in the claim comment section, please identify and itemize those labor operations being claimed with a "reduced FRU value."
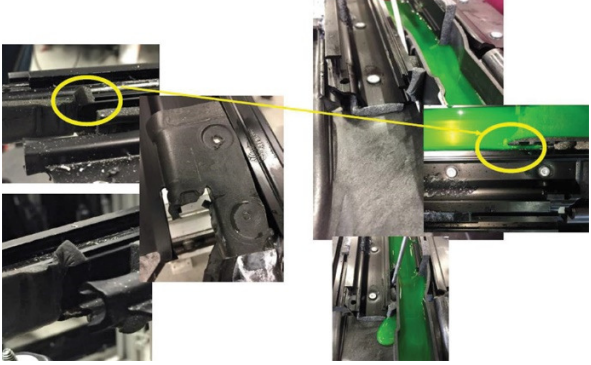
ATTACHMENTS
View PDF attachment **B540617Repair Attachment A**.

F25 PANORAMA ROOF DRAINAGE REPAIR PROCEDURE

Introduction or Preparatory Items:

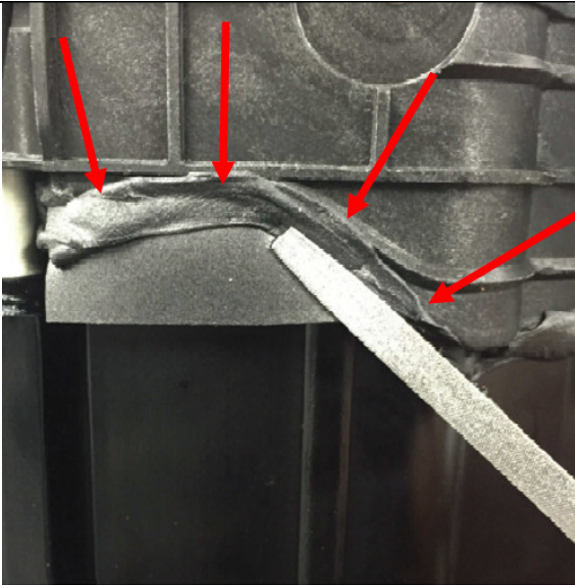|	
	1. Refer to Repair instructions "REP 54 10 260 Removing and installing panorama glass roof". With headliner removed, identify the affected area and water test to confirm leak location. **Note:** In the picture at left, the water is dyed green for clarity.
	2. If the water is leaking in this area (junction between aluminum and plastic end frame of the sunroof cassette), remove all water from cassette and prepare to perform repair. Continue with sunroof cassette removal.

3. Please sunroof cassette on suitable work surface. Unclip drive cable for access to leak area.

4. Using butyl rope (BMW part # 83 19 0 429 524), form into the desired shape by hand and press firmly (where indicated by circled area) onto the bottom side of the panorama unit.

   Perform this repair on both sides of the sunroof cassette.

	5. After the butyl rope is in place, it can be pressed on firmly with a bone tool or similar flat object. 6. Reassemble all removed components and install sunroof cassette into the vehicle. Follow repair instructions regarding sunroof initialization.