

**SUBJECT****Water Leaking from Headliner****MODEL**

F15 (X5)

**SITUATION**

During and/or after heavy or prolonged rain, one or both of the situation(s) listed below may occur:

- Water leaks from various locations in the headliner.
- The footwell carpet is wet or soaked with water.

**CAUSE**

Multiple root causes have been linked to this issue. One or more of the cause listed below may apply.

The sunroof drain tube is:

- Not properly connected to the sunroof
- Twisted or kinked between the sunroof and where it exits the vehicle
- The sunroof drain is cut or torn above the headliner.

**CORRECTION**

Identify the root cause and perform the related repair on the sunroof drain tube, as outlined in the procedure.

**PROCEDURE**

Refer to the attachment section in this bulletin, below.

**PARTS INFORMATION**

Note: Depending on the root cause, some parts needed to complete the repairs must be sourced from your local hardware store (Lowe's, Home Depot, etc.).

Part Number	Description	Quantity
61 13 6 933 305	Corrugated plastic tube	As needed
83 19 0 153 321	Butyl tape	As needed

**WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty.

<b>Defect Code:</b>	<b>54 12 01 76 00</b>	
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**Labor Operations**

Refer to KSD2 for the applicable labor operation codes and corresponding flat rate unit (FRU) allowances for accessing and repairing/replacing the sunroof drain tube.

**Sublet – Bulk Materials**

Sublet Code 4		Reimbursement for the repair-related bulk materials (Do not use
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	See sublet reimbursement calculation below	part numbers for claim submission)
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Sublet reimbursement calculation for claiming the used quantities of repair-related bulk materials:

- BMW part numbers at dealer net plus handling, or
- Other materials not available through BMW and obtained locally are at “cost plus 20 percent.”

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

### **Overlapping Labor – Sunroof Drain Tube and Other Repairs**

If invoicing the KSD2 flat rate labor operation codes for this and other repair work results in overlapping labor, invoice work time labor operation 00 50 000 for the additional time (FRU) minus the overlap instead.

On the repair order and in the claim comment section, please identify the labor operation that labor operation code(s) 00 50 000 replaces and itemize the claimed FRU amount.

Even though work time labor operation code 00 50 000 ends in “000,” it is not considered a Main labor operation.

When work time labor operation 00 50 000 is an extension of the repair outlined in this bulletin, separate punch time(s) are not required. However, when it is being used for work that will be claimed under different defect code(s), separate punch time(s) are required.

#### **ATTACHMENTS**

View PDF attachment [B540115 Attachment](#).

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