



This Service Information bulletin supersedes SI B54 12 08 **dated July 2011**.

NEW designates changes to this revision

SUBJECT

Water Leak from the Front of the Sunroof

MODEL

NEW E70

NEW E71

SITUATION

During extended periods of heavy rain, water may enter the vehicle from the area around the front of the sunroof cassette, the Roof Control Panel (FZD), the map lights, or the A-pillars. The customer may also simply state that the carpet in the front of the vehicle is wet.

CAUSE

The sunroof cassette is overflowing due to the fact that one or both of the front sunroof drains are trapped or twisted.

CORRECTION

Gain access to both drains and untwist or free the drain tubes, as necessary.

NEW PROCEDURE

1. Blow compressed air into each of the front drains on the sunroof cassette to ensure that no debris is clogging the drain. If debris was present and has been dislodged, the following steps may not be necessary.
2. To access the drains, remove both the left and right kick panels to access the point where the lower sunroof drain tube exits the lower A-pillar:
 - a. Remove the left and right kick panels per Repair Instruction RA 51 43 075 (left) and RA 51 43 075 (right).
 - b. On the left side, remove the Footwell Module (FRM) from the A-pillar per Repair Instruction RA 61 35 115.
 - c. On the right side, remove the lower instrument panel cover.
 - d. Pull back the carpet behind both kick panels to expose the opening into the A-pillar, where the drain resides.
3. Inspect the drain tubes (inside). If they have been rotated around and are kinked, rotate the drain tubes back to a position where they are no longer kinked. If the drain tubes are not kinked, proceed.
4. If the drain tube was not kinked in that area, remove the fender liner to inspect where the end of the drain tube exits the car.
 - a. Remove the fender liner on the side[s] that is kinked per Repair Instruction RA 51 71 038 to inspect the end of the drain tube and to ensure that the spout is still facing downward.

- b. If necessary, rotate the spout enough for it to face downward, ensuring that the tube on the inside of the A-pillar does not become kinked again.
- 5. If the end of the tube is being pinched by a foam block on the back side of the fender, pull it free and trim off about 10mm of material from the end of the tube, so that flow is not restricted in the future.

Note: If a front drain tube (one or both) is found to be permanently damaged, it must be replaced. The vehicle must be brought to a BMW certified body shop, because the front drain tubes are integrated into the A-pillars.

WARRANTY INFORMATION

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

Defect Code:	54 12 01 76 00
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Performing procedure steps #1 (no debris found) to #3.

Note: Debris clogged drains are not a warranty matter.

Labor Operation:	Labor Allowance:	Description:
61 35 115	Refer to KSD	Remove and install the footwell module, left side
and		
51 43 575	Refer to KSD	Remove and install the right side kick panel
and		
54 99 000	Work time (WT)	Work time - inspect drain tubes and reposition as necessary (inside)

NEW Labor operation code 61 35 115 is a Main labor operation; if you are using a Main labor code for another repair, use the Plus code labor operation 61 35 615 instead.

Additional work as necessary: performing procedure steps #4 and #5.

Labor Operation:	Labor Allowance:	Description:
51 71 539	Refer to KSD	Remove and install the “left or right” front wheelhouse cover (rear section)
51 99 000	Work time (WT). Claim the same FRU allowance as 51 71 539	Remove and install the “other side” front wheelhouse cover (rear section), as necessary
and		
54 99 000	Work time (WT)	Work time - inspect drain tubes and reposition as necessary (outside)

NEW Additional work as necessary: replacing one or both drain tubes

NEW Sublet Code 3	Sublet amount	Reimbursement: BMW certified body shop replacement of one or both A-pillar drain tubes
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NEW Note: Aftersales Area Manager (AAM) “Field Authorization” (FAS) is not required.

NEW Invoice this sublet work on the repair order at the actual cost charged with no handling or markup. The sublet amount must also include any discounts or allowances. Itemize the sublet amount on the repair order and in the claim comment section.

NEW Even though work time labor operation code 54 99 000 ends in “000,” it is not considered a Main labor operation.

NEW Work time (WT) labor operation 54 99 000 requires an individual punch time for each occurrence (inside/outside repair).

NEW Note: Claim work time labor operation 54 99 000 one time for the total amount of requested FRUs, itemize the FRU amount for each repair procedure, and explain in the claim comments.

NEW Even though work time (WT) labor operation code 51 99 000 ends in “000,” it is not considered a Main labor operation.

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