

**SUBJECT****Panoramic Sunroof Does Not Open or Close****MODEL**

F15 (X5)

**SITUATION**

One or both of the following may occur:

1. The sunroof becomes stuck during operation.
2. The sunroof cannot be opened or closed.

**CAUSE**

The panoramic sunroof rear glass mechanism fails.

- The drive cable plate is either broken or bent.

**CORRECTION**

The complete sunroof cassette must be replaced.

**PROCEDURE**

Perform the following steps:

1. Duplicate the issue.
2. Check the TLL number of the sunroof as follows:

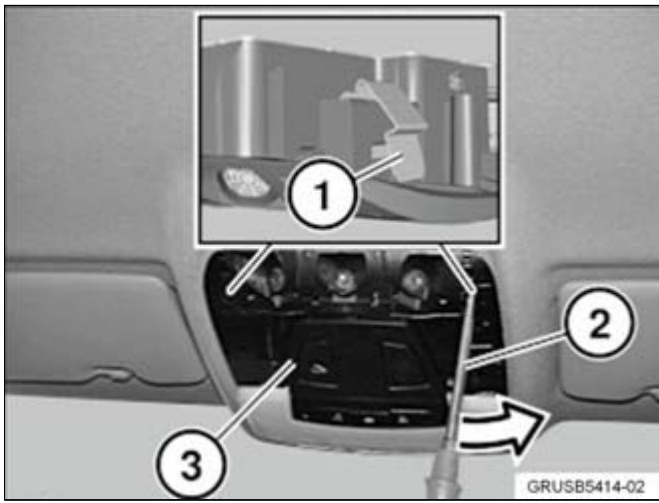


3. Remove the FZD (front roof switch cluster).
4. Using special tool 00 9 325, carefully unclip the switch cover (1).

**Installation Note:**

Ensure the cover (1) is correctly aligned (seated).

5. Unlock the left and right retaining clips (1) with a screw driver (2), in the direction of the arrow.
6. Remove the switch cluster (3).



7. Unlock the plug connections and disconnect.

**Installation Note:**

Retaining clips (1) must not be damaged.

Ensure the roof switch cluster (3) is correctly fitted.



8. This picture shows the TLL number circled in green.
9. If the TLL number ranges from 30 to 38, the complete sunroof cassette must be replaced.
10. Refer to Repair Instruction 54 13 080, "Removing and installing complete glass slide/tilt sunroof."
11. If the TLL number falls outside the range of 30 to 38, this SI no longer applies. The technician must continue with his or her diagnosis using ISTA.
12. Retest the sunroof functionality.

**PARTS INFORMATION**

Part Number	Description	Quantity
Refer to EPC	Panoramic sunroof	1

**WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty or the BMW Certified Pre-Owned Program.

<b>Defect Code:</b>	<b>54 12 12 01 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
54 13 080	Refer to KSD2	Removing and installing or replacing slide/tilt sunroof assembly

Labor operation code 54 13 080 is a Main labor operation. If you are already using a Main labor code for another repair, use the Plus code labor operation 54 13 580 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the "Search" button, and then enter the applicable flat rate labor operation in the FR code field.

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