



SI B54 05 18  
Special Roofs

May 2018  
Technical Service

## RATTLE NOISE FROM FRONT OF PANORAMIC ROOF WHILE DRIVING OVER ROUGH ROADS

### MODEL

F48 (X1) produced up to 3/31/2017		
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### SITUATION

While driving over rough roads, a rattle noise may develop from the front corner areas of the panoramic sunroof.

Reference the video below for an example of the noise:

<https://tinyurl.com/B540518>

### CAUSE


Loose or under torqued bolts for the panoramic sunroof frame.

### CORRECTION

Increase the torque of the panoramic sunroof frame bolts to 3.5nm.

### PROCEDURE

For conditions similar to those described:

	1. Open the panoramic sunroof to gain access to the front corner areas of the sunroof frame.
	2. Torque all 4 (2 per side) of the panoramic sunroof bolts, as seen to the left, to exactly 3.5nm.
	3. Retest the vehicle to verify the noise is no longer present.

### WARRANTY INFORMATION

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

<b>Defect Code:</b>	<b>5412213900</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
54 99 000	3 FRU	Work time to tighten 4 panoramic sunroof bolts (Main work)
Or:		
54 99 000	2 FRU	Work time to tighten 4 panoramic sunroof bolts (Plus work)

Explain this work time repair on the repair order and in the claim comments section.

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