

<b>Subject:</b>  RATTLE NOISE FROM PANORAMA SUNROOF	<b>Bulletin No.:</b> 09-010/24
	<b>Last Issued :</b> 02/07/2024

## BULLETIN NOTES

### APPLICABLE MODEL(S)/VINS

2024 CX-90

## DESCRIPTION

Some vehicles may exhibit a rattle noise from the panorama sunroof. This may be caused by:

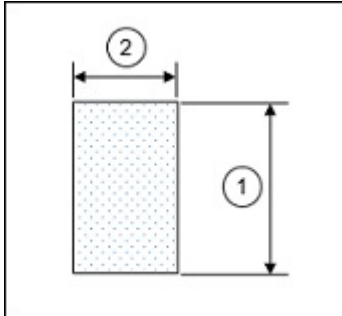
- Body vibration while driving and/or outside-temperature changes creating slight gaps between the plastic grommets and the roof reinforcement cover during use.
- A slight gap between the drip rail and the roof reinforcement, causing interference.

To eliminate this concern, the shape of the panorama sunroof unit will be modified.

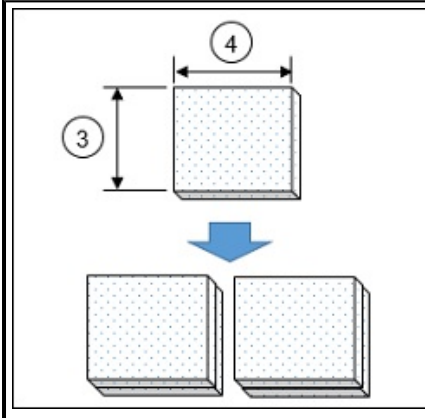
Customers having this concern should have their vehicle repaired using the following repair procedure.

## REPAIR PROCEDURE

1. Verify the customer concern.
2. Prepare non-woven felts into the following 2 sizes (Felt A, Felt B).

	<b>Felt A</b> Thickness: 0.02 in (0.5 mm) Cut the non-woven felt into the following size Length (1) : 0.5 +/- 0.04 in (13 +/- 1 mm) Width (2) : 0.2 +/- 0.04 in (5 +/- 1 mm) Quantities: 20 pcs.
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**Felt B**

1) Cut the the non-woven felt into the following size.

Thickness: 0.1 in (2.5 mm)

Length (3) : 0.6 +/- 0.04 in (15 +/- 1 mm)

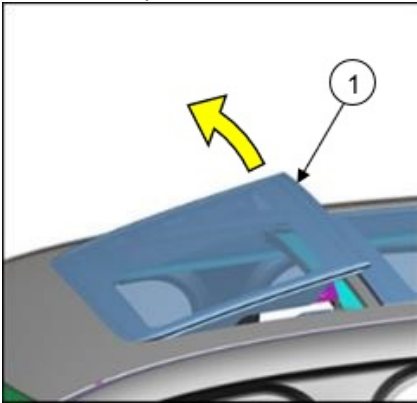
Width (4) : 0.6 +/- 0.04 in (15 +/- 1 mm)

Quantities: 4 pcs.

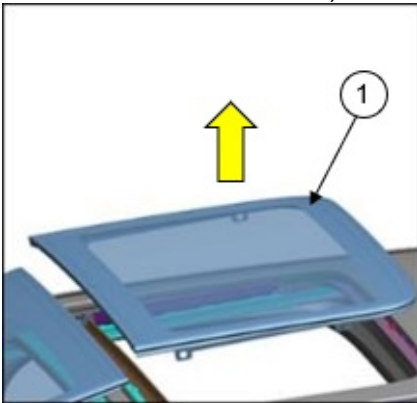
2) Paste 2 pcs together to make two sets of the layers.

**NOTE:** DO NOT paste adhesive sides together.

3. Push the panorama sunroof switch and tilt the sunroof front glass panel (1) up until fully opened.

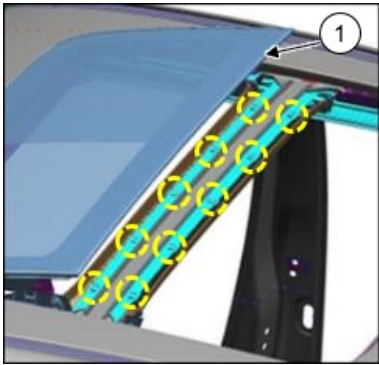


4. Remove the sunroof rear glass panel (1) according to the instructions in MGSS (SUNROOF REAR GLASS PANEL REMOVAL/INSTALLATION).



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5. Remove the plastic screw grommets (yellow circles).

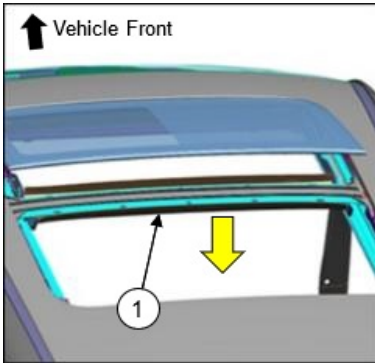


(1) Sunroof front glass panel Plastic screw grommet  
(10 pcs.)

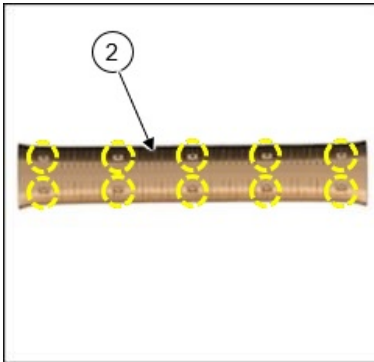


Plastic screw grommet  
(10 pcs.)

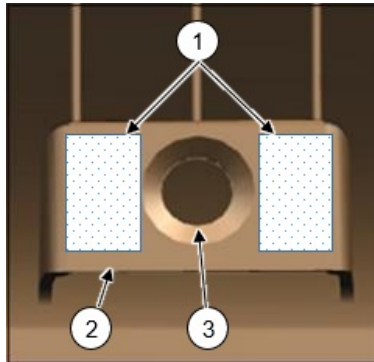
6. Remove the roof reinforcement cover (1).



7. Apply Felt A (1) on the roof reinforcement cover (2) as per the following images.



**Felt A location**  
(Roof reinforcement cover)



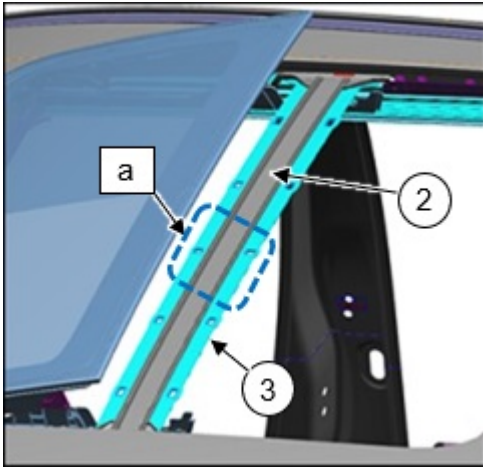
**Detail of the applying location**  
(1) Felt A  
(2) Roof reinforcement cover  
(3) Mounting hole

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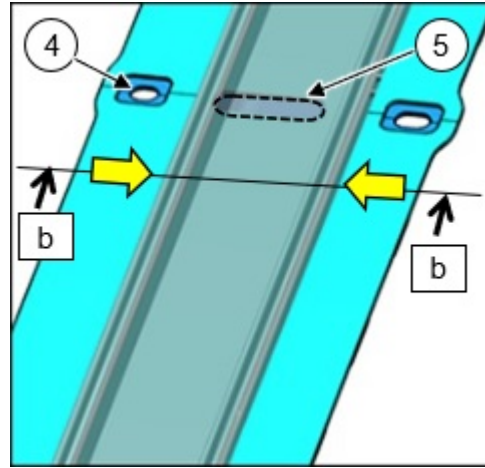
8. Apply Felt B (1) into the gap between the drip rail (2) and the roof reinforcement (3) as per the following images.

**Position of applying Felt B:**

Insert Felt B (1) at yellow allows in the following image while avoiding cushioning materials on the roof reinforcement around the tab (5).

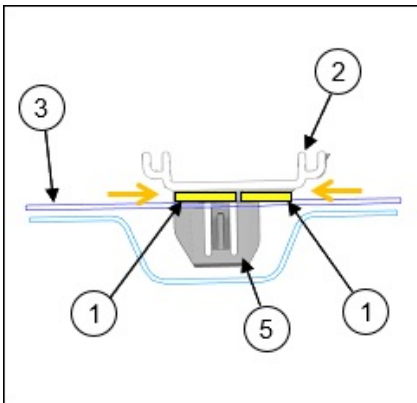


(2) Drip rail  
(3) Roof reinforcement Detail of a



**Detail of a**

(4) Center mounting hole  
(5) Tab (back side of the drip rail)



**Section b-b**

(1) Felt B  
(2) Drip rail  
(3) Roof reinforcement  
(5) Tab of the drip rail

9. Install the removed parts in reverse order of removal.

10. Verify the repair by making sure there is no rattle noise.

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**PARTS INFORMATION**

Parts Number	Description	Qty.	Notes
K001-W0-225	Int. Noise	1	Felt used in the repair (Q'ty included in the kit) 0.5 t x 50 x 250 mm (4 pcs.) 2.5 t x 300 x 240 mm (2 pcs.) <b>NOTE:</b> DO NOT throw the Noise Parts Kit away. It is considered a shop supply that repairs multiple vehicles for multiple issues and the cost is included in the Labor Time.

**WARRANTY INFORMATION****NOTE:**

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's New Vehicle Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.
- DO NOT throw the Noise Parts Kit away. It is considered a shop supply that repairs multiple vehicles for multiple issues and the cost is included in the Labor Time.

Warranty Type	A
Symptom Code	82
Damage Code	98
Part Number Main Cause	7777-SP-Y04
Quantity	0
Operation Number / Labor Hours:	XXWLBEAX / 3.2 Hrs.

**NOTE:** Int. Noise Kit is price is included in the Labor Hrs.

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