

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922

**Subject:**

09-030/17 - WIND NOISE FROM ROOF WHEN DRIVING

Bulletin No.: 09-030/17

Last Issued: 06/30/2017

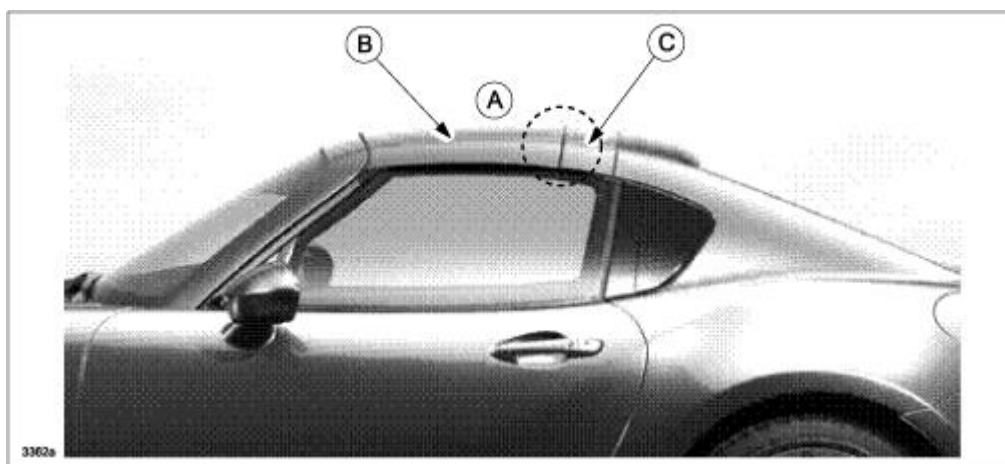
BULLETIN NOTES

APPLICABLE MODEL(S)/VINS

2017 MX-5 RF vehicles with VINs lower than JM1ND****102907 (produced before January 8, 2017)

DESCRIPTION

Some vehicles may exhibit a wind noise (A) from the area between the front (B) and middle (C) roofs when driving at speeds over 37 mph (60 km/h).

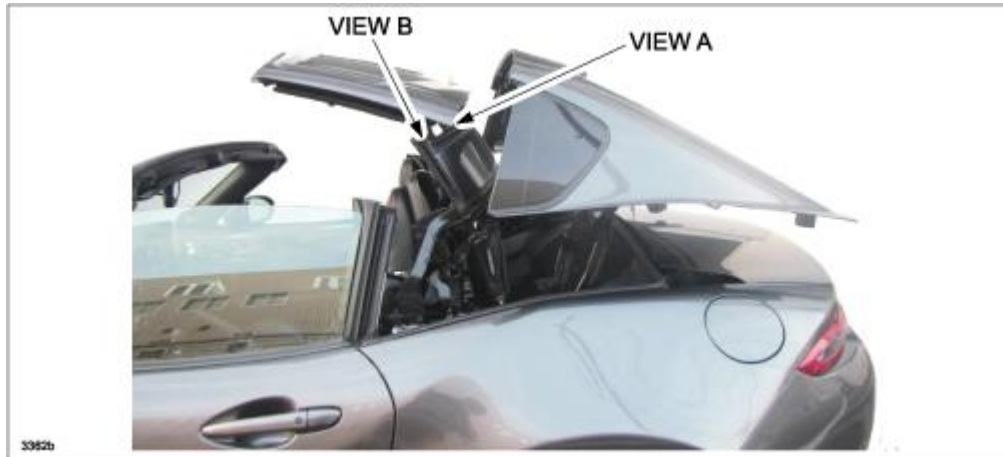


Due to parts variation, some vehicles may have a poor sealing between the weatherstrips of the front and middle roofs, causing a wind noise. To improve the sealing ability, urethane foam pads have now been installed to the weatherstrips.

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REPAIR PROCEDURE

1. Verify customer concern.
2. Attach urethane foam pads A and B to the No.1 and No.2 weatherstrips on both left and right sides.



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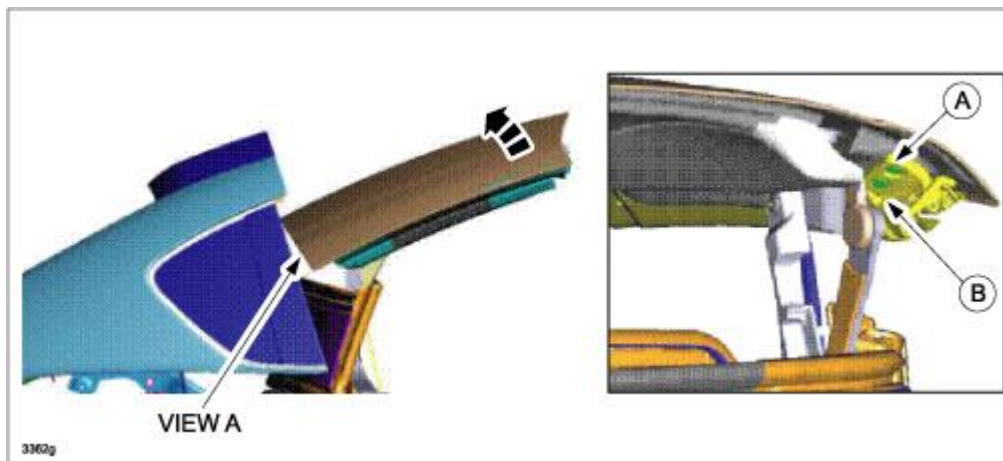


a. Select a 5 mm thickness urethane foam pad from the noise repair kit (K001-W0-225) and cut it into four pieces as shown.

Pad A (T5 x W7 x L60): 2 pieces	Pad B (T5 x W7 x L30): 2 pieces

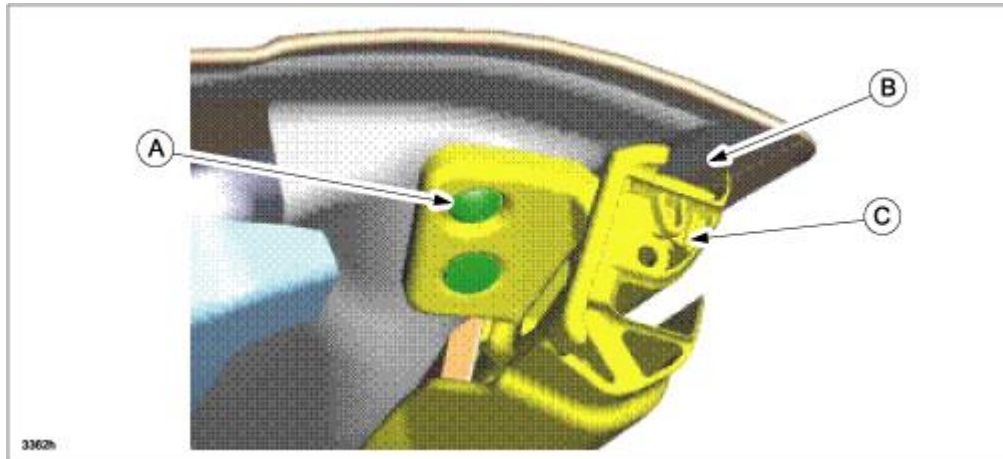
Attach Pad A (T5 x W7 x L60)

b. Using the RF switch, open the retractable fastback halfway so that View A allows access to the screw (A) for the No. 1 weatherstrip (B).

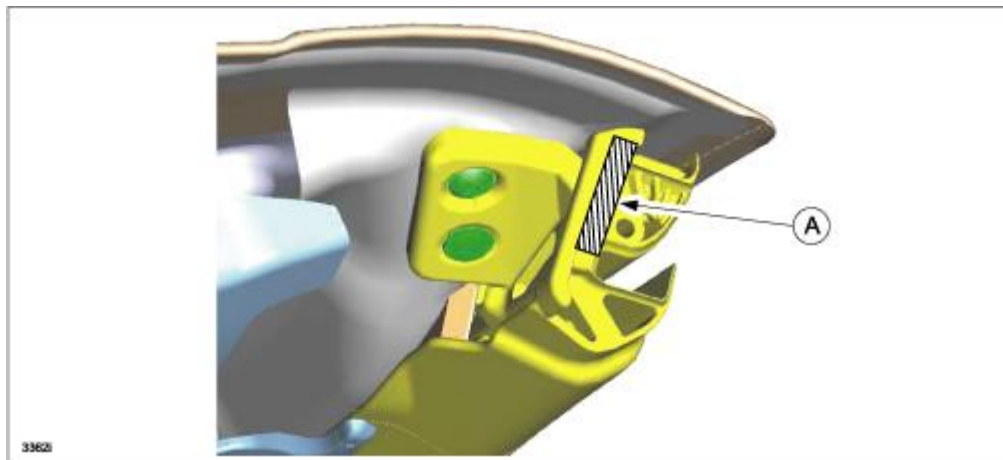


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c. Loosen the screw (A) until a clearance for inserting the pad A into between the roof panel (B) and the No.1 weatherstrip (C) is obtained.



d. At the area indicated (A), rub off the coating on the No.1 weatherstrip with sandpaper. Rub for about one minute.



e. Apply primer (silicone remover) to the area where the pad will be attached and let dry for 3 minutes.

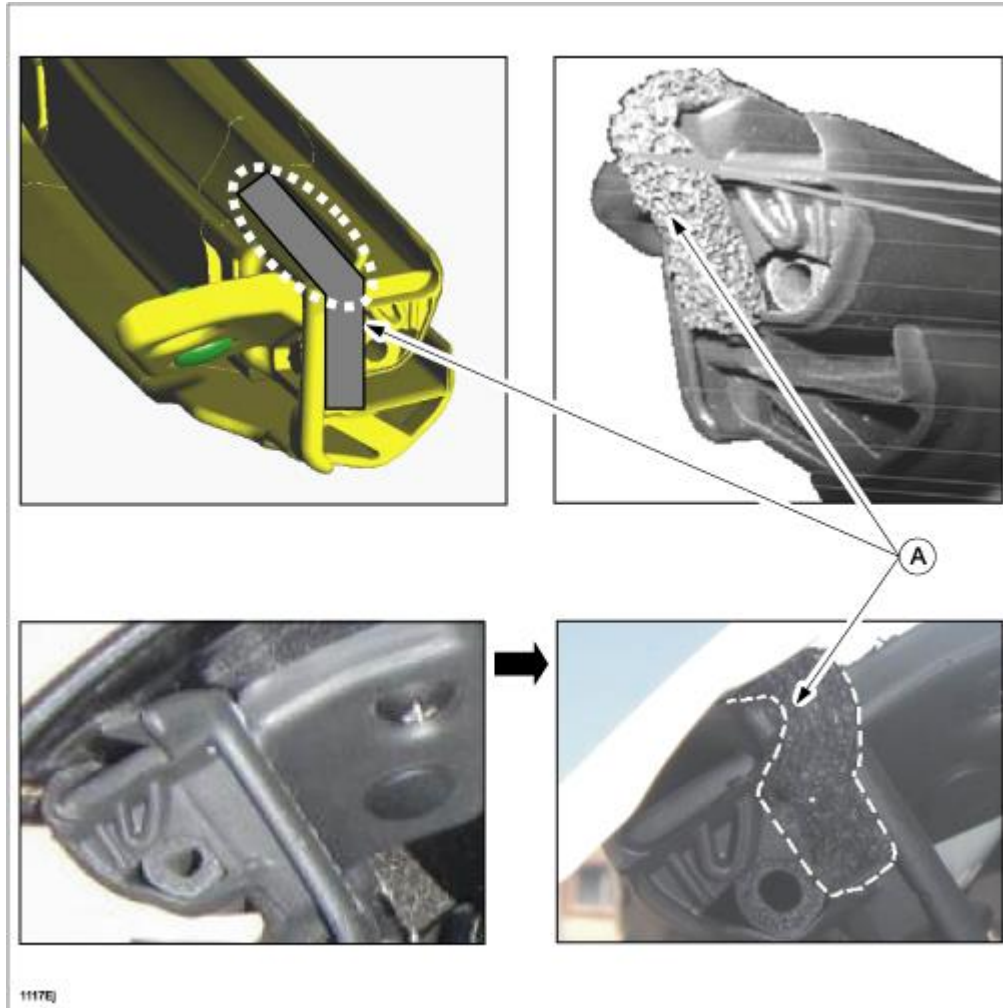
NOTE: Obtain the primer locally.

Recommendation: 3M product K-540NT, K-500 or 4298UV. If this product cannot be obtained, any silicone remover suitable for plastics can be used.

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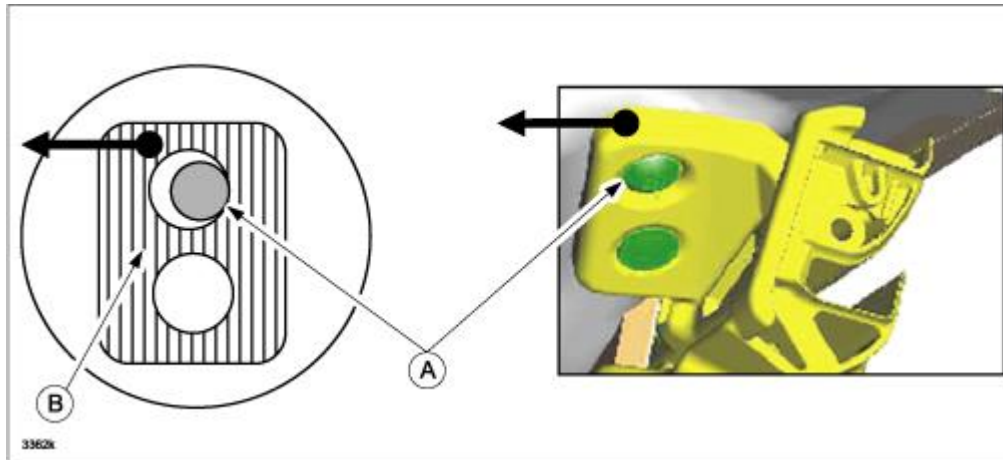
f. Attach pad (A) as shown, inserting the pad between the weatherstrip and the body panel. To ensure proper adhesion, apply pressure with fingers on the pad.

NOTE: Left side shown.



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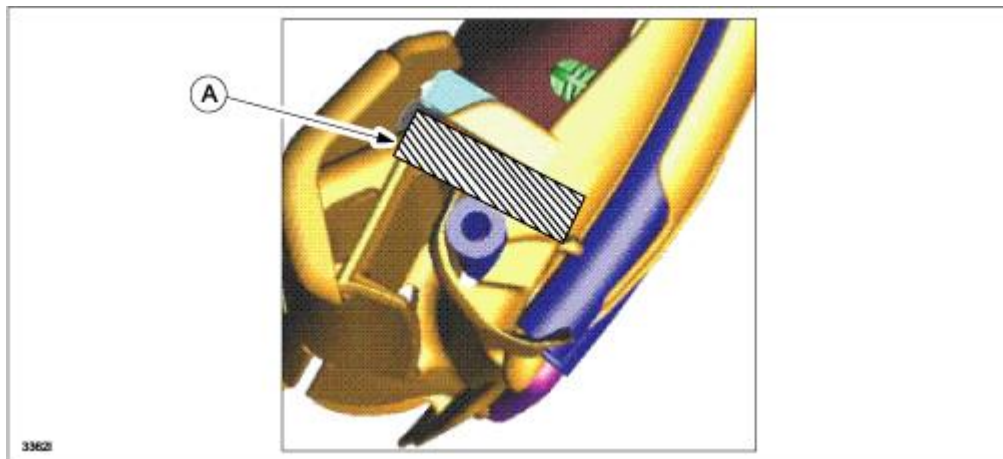
g. Tighten the screw (A) while pushing/pulling the weatherstrip (B) to the cabin center side.



h. Attach pad A to the other side using the same procedure.

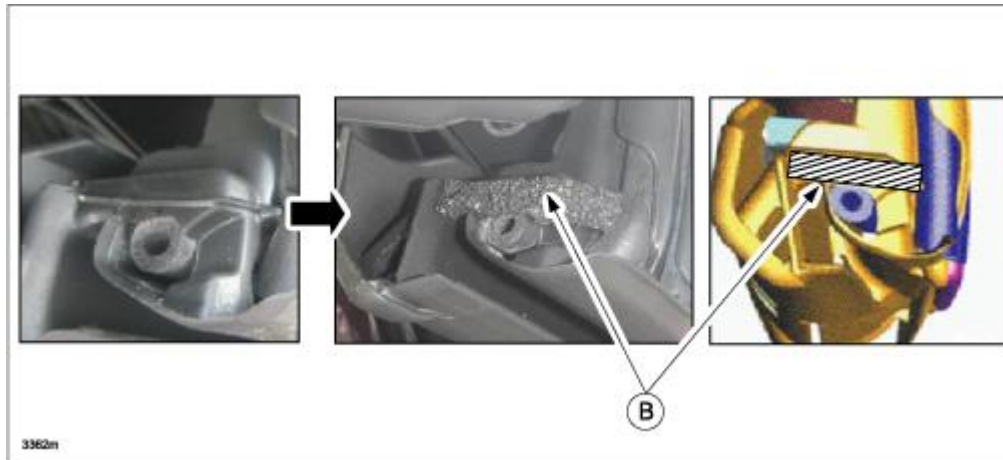
Attach Pad B (T5 x W7 x L30)

i. At the area indicated (A), rub off the coating on the No.2 weatherstrip with sandpaper. Rub for about one minute.



j. Apply the same primer (silicone remover) used for pad A to the area where the pad will be attached and let dry for 3 minutes.

k. Attach pad (B) as shown. To ensure proper adhesion, apply pressure with fingers on the pad.



NOTE:Left side shown.

l. Attach pad B to the other side using the same procedure.

3. Verify repair.

PARTS INFORMATION

Parts Number	Description	Qty.	Notes
K001-W0-225	Noise Repair Kit	1	Use the 5 mm thickness foam pad from the kit.

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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.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	78
Damage Code	9K
Part Number Main Cause	N248-R1-421B (Weatherstrip No.1 (L))
Quantity	0
Operation Number / Labor Hours:	XXN66XRX / 0.5 Hrs Urethane Foam Pads, Attach to No.1 and No.2 Weatherstrips (Both sides)

NOTE: Claim the noise repair kit in Related Part only when it becomes necessary to purchase it for this time repair.

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