

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



Subject:

DUST/SAND ENTER CABIN WHEN OPENING REAR DOOR

Bulletin No.: 09-031/25

Last Issued : 08/05/2025

BULLETIN NOTES

APPLICABLE MODEL(S)/VINS

2024-2026 CX-90

2025-2026 CX-70

DESCRIPTION

While driving on gravel or dusty roads, dust accumulates at the lower inner edge of the door garnish. When the rear door is opened, the dust may be blown up and enter the cabin, adhering to the seats and the floor. This is caused by a large gap at the lower part of the boundary between the rear door and the front door, and air containing dust and/or sand is sucked up into the gap, accumulating at the lower edge of the rear door garnish while driving. To eliminate this concern, a mass production change is under study.

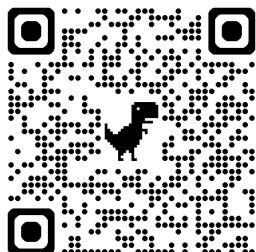
Customers having this concern should have their vehicle repaired using the following repair procedure.

NOTE: This repair procedure is an interim countermeasure. After a mass production change is implemented, the repair procedure will be updated.

REPAIR PROCEDURE

To assist with the steps outlined below, please refer to the following training video:

Training video



1. Verify the customer concern.
2. Attach the protectors (urethane pads, deflectors and protectors) to both sides of the designated locations according to the following steps.

NOTE: The following figures show the right side. The left side is symmetrical.

Page 1 of 16

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- Front Door Garnish:

Parts Name	No.	Q'ty	Note
Deflector	10	1	One side, same for left and right sides
Fastener	15	2	One side, same for left and right sides

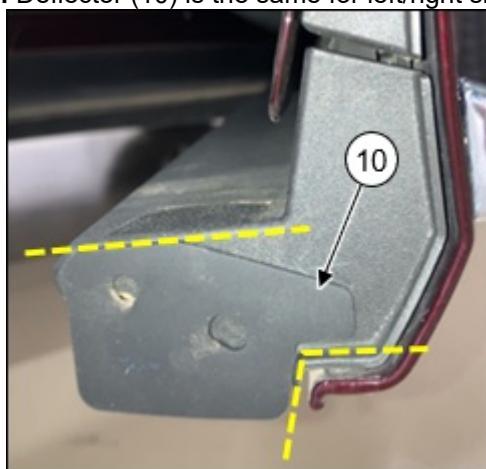
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1a. Clean and degrease the deflector's attachment surface of the door.



1b. Position the deflector (10) as shown in the figure.

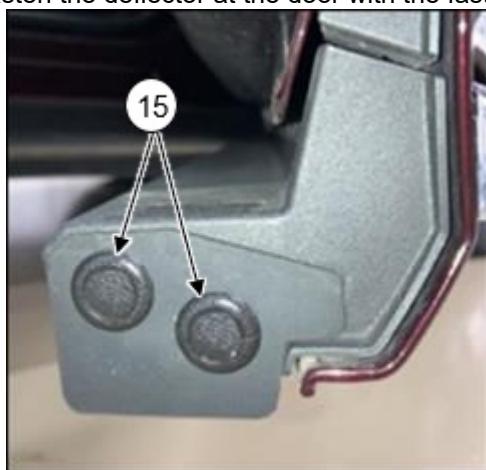
NOTE: Deflector (10) is the same for left/right sides.



1c. Drill two 0.24 in (6 mm) diameter holes in the door at the positions of the holes for the fasteners as shown in the following figure of step 1d.

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1d. Fasten the deflector at the door with the fasteners (15) (Qty: 2 (per side, 4 total)).



- **Rear Door Fender Arch Garnish:**

Parts Name	No.	Q'ty	Note
Urethane Pad	11-14	1 each	One side, Same for left and right sides.
Urethane Pad	5	1	Right side
Urethane Pad	3	1	Right side
Urethane Pad	6	1	Left side
Urethane Pad	4	1	Left side

2a. Remove the rear door fender arch garnish by removing the 3 fasteners as shown in the figures.

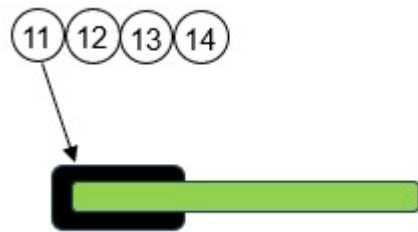
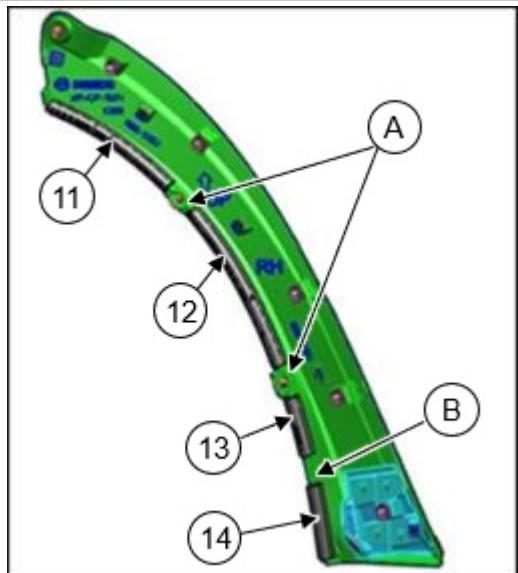
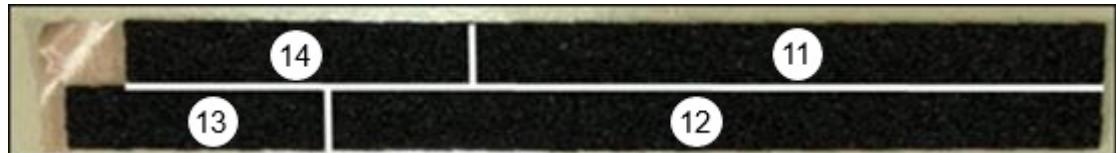
Remove the fastener. (1 piece)	Remove the garnish from the lower to the upper side.	Removal completed

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2b. Attach the urethane pads (11-14) to the rear door fender arch garnish as shown in the figures.

NOTE: Before attaching the pads, clean and degrease the attachment surface of the garnish.

Urethane Pad:

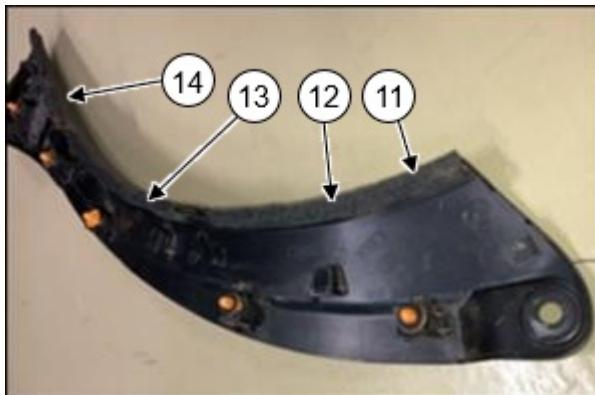


Attachment Location:

Avoiding the protrusion of (A) and (B), attach the urethane pad (11-14).

Attachment Cross Section:

Attach the urethane pad so that it wraps around the edge of the garnish.



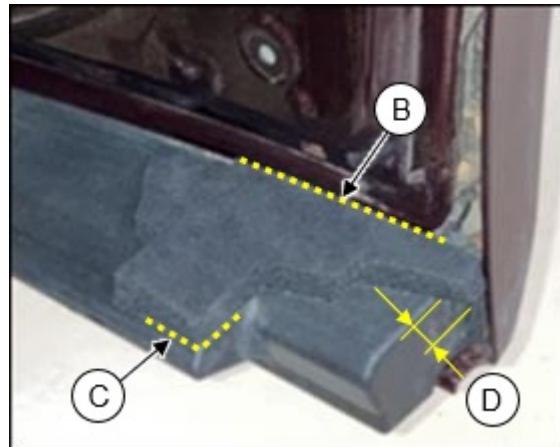
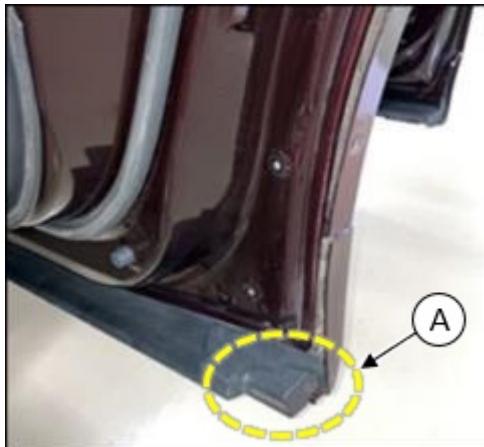
Urethane Pads (11-14) attachment completed (on rear door fender arch garnish)

Page 5 of 16

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2c. Attach the urethane pad (5) to the rear bottom corner of the rear door as shown in the figures.

NOTE: Before attaching the pads, clean and degrease the attachment surface of the garnish.



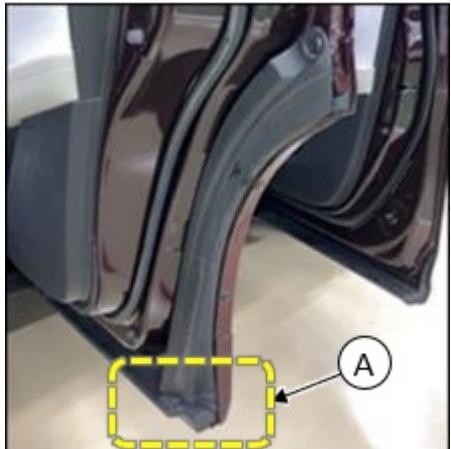
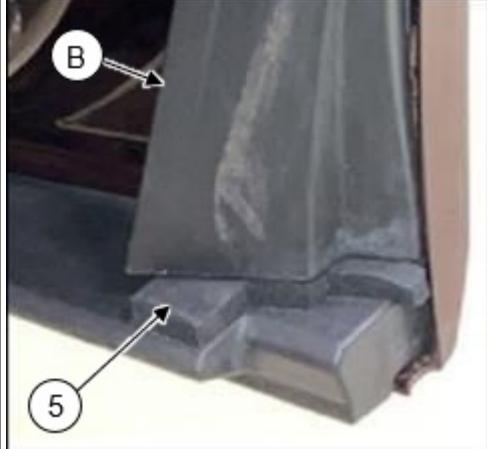
Attachment completed

Detail of A (Positioning)

- (B) Align the pad with the body panel.
- (C) Align the pad with the garnish.
- (D) The pad slightly protrudes from the edge of the garnish

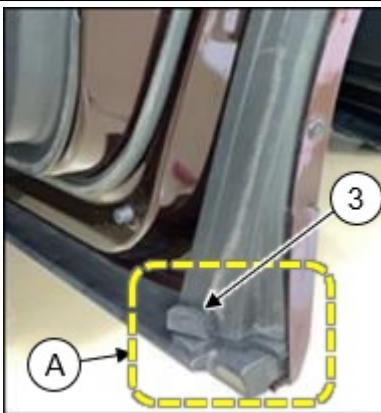
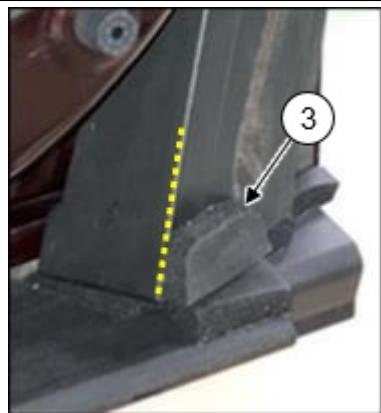
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2d. Install the rear door fender arch garnish with the urethane pads attached in reverse order of the removal.

	
<p>Installation completed</p>	<p><u>Detail of A</u> After installation of the rear door fender arch garnish (B) Rear door fender arch garnish (5) Urethane Pad</p>

2e. Attach the urethane pad (3) to the lower edge of the fender arch garnish as shown in the figures.

NOTE: Before the attachment, clean and degrease the attachment surface of the garnish.

		
<p>(3) Urethane Pad (for right side)</p>	<p>Attachment Location</p>	<p><u>Detail of A</u> Align the edge of the urethane pad (3) with the rear door fender arch garnish as shown in the figure.</p>

• **Rear Door Lower Garnish:**

Description	No.	Q'ty	Note
Protector	9	1	One side, same for left and right sides

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3a. Clean and degrease the protector's attachment surface of the rear door lower garnish.
3b. Attach the protector (9) to the rear door lower garnish as shown in the figures.



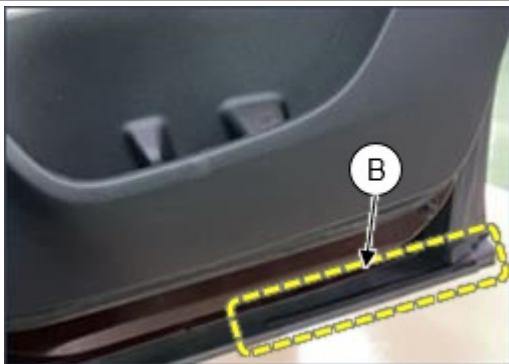
(9) Protector



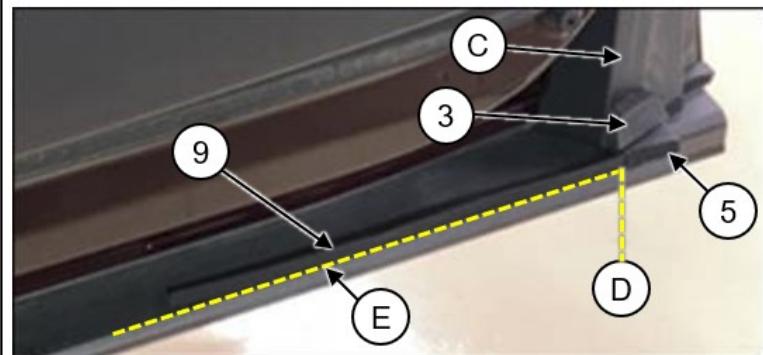
(A) Tape

Attachment Location
(on rear door lower garnish)

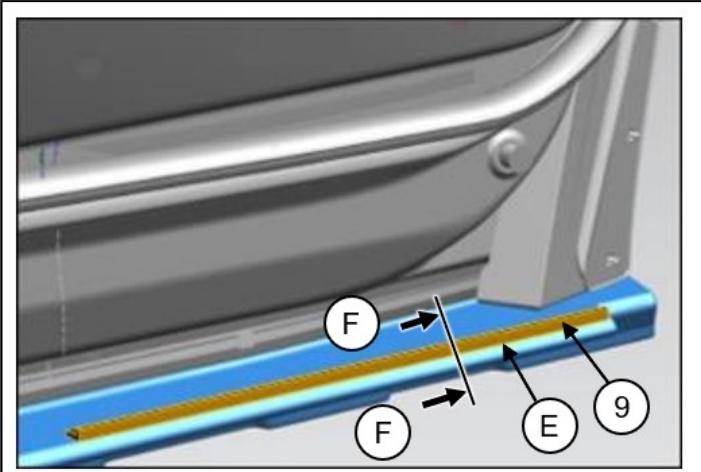
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Attachment Location

Detail of B

- (C) Rear Door Fender Arch Garnish
- (D) Edge of Urethane Pad (5)
- (E) Curve End of Rear Door Lower Garnish
- (3) Urethane Pad (step 2e)
- (5) Urethane Pad (step 2d)
- (9) Protector: Apply it from (D) along with (E)

Section F-F

- (9) Protector
- (E) Curve End of Rear Door Lower Garnish

Detail of B

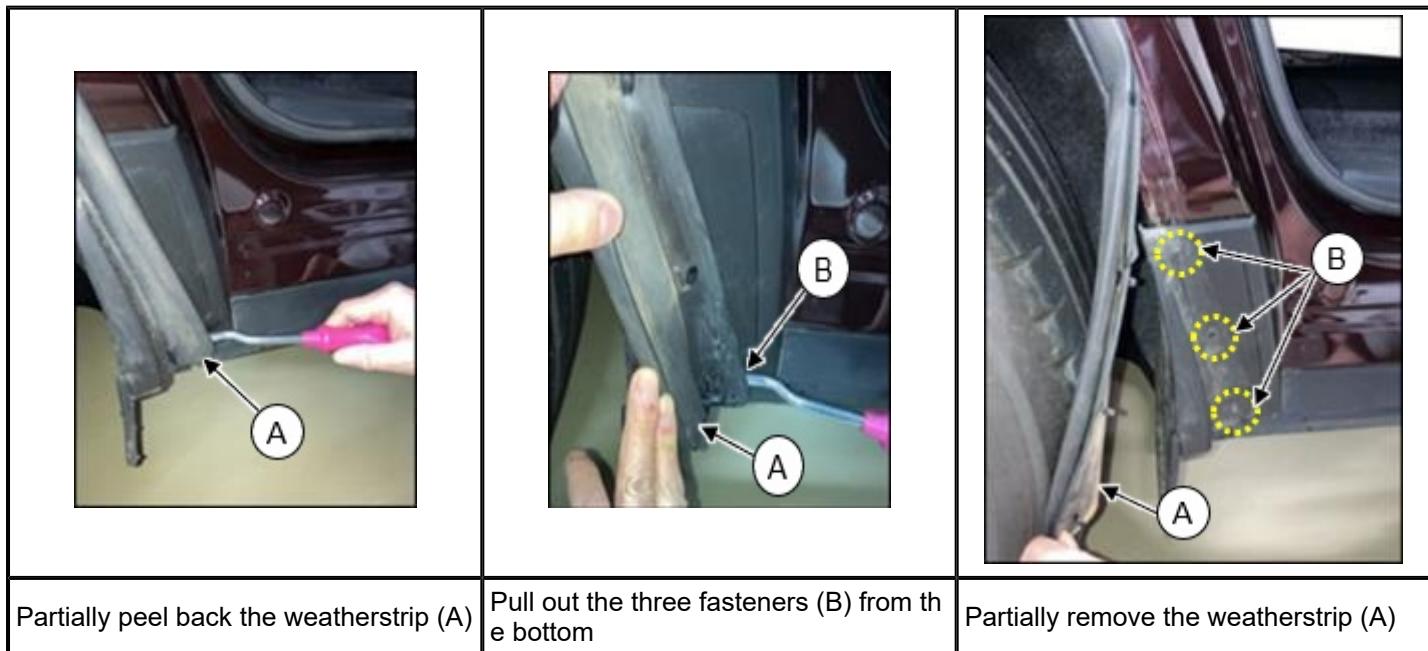
← : Vehicle Outside

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- **Rear Fender Arch Weatherstrip:**

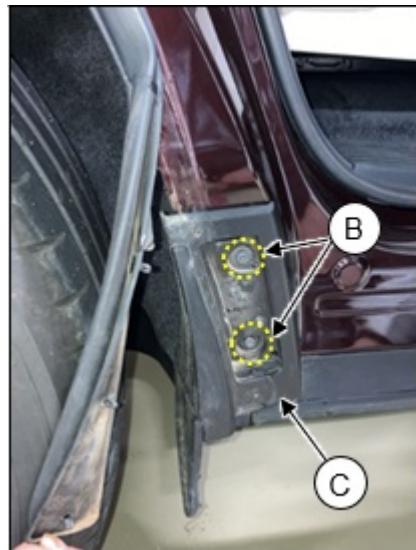
Description	No.	Q'ty	Note
Urethane pads	1	1	Right side
Urethane pads	2	1	Left side
Urethane pads	7	1	Right side
Urethane pads	8	1	Left side

4a. Partially peel back the weatherstrip, pull out the three fasteners from the bottom that fasten the rear fender arch weatherstrip, and then partially remove the weatherstrip.



4b. Remove the cover (A) and remove the screws (B) (2 pieces) that fasten the stone guard deflector (C).

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After removing the screws, lift the stone guard deflector (C).

NOTE: DO NOT remove the stone guard deflector (C).

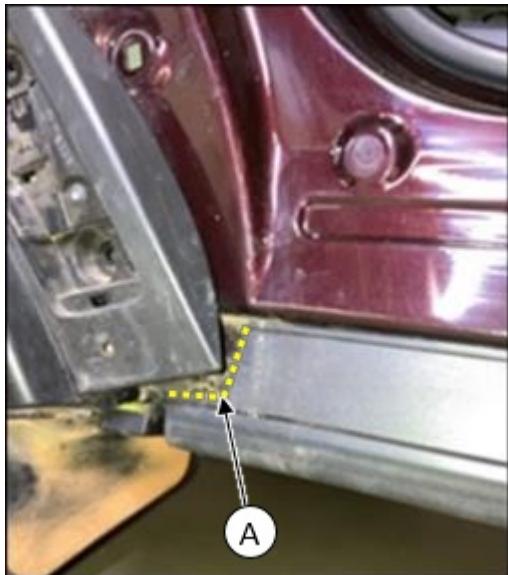
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4c. Lift the stone guard deflector, and then attach the urethane pad (1) as shown in the figures.

NOTE: Before the attachment, clean and degrease the attachment surface.



(1) Urethane Pad
(for right side)

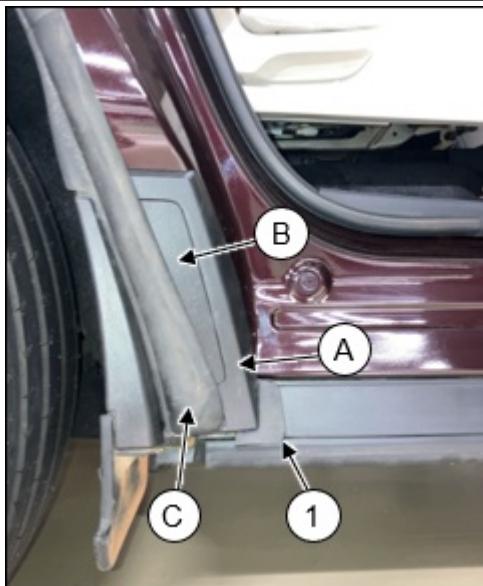


Align the urethane pad (1) with the back edge of the rear door lower garnish (A).

Attachment completed

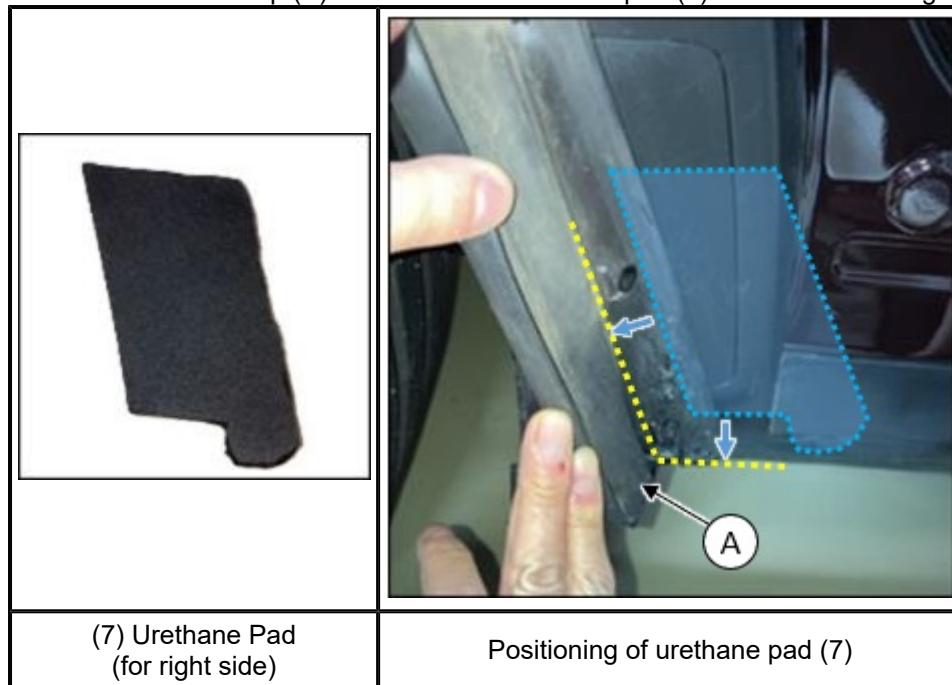
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4d. Install the stone guard deflector (A), the screws, the cover (B) and the weatherstrip (C) in reverse order of removal.



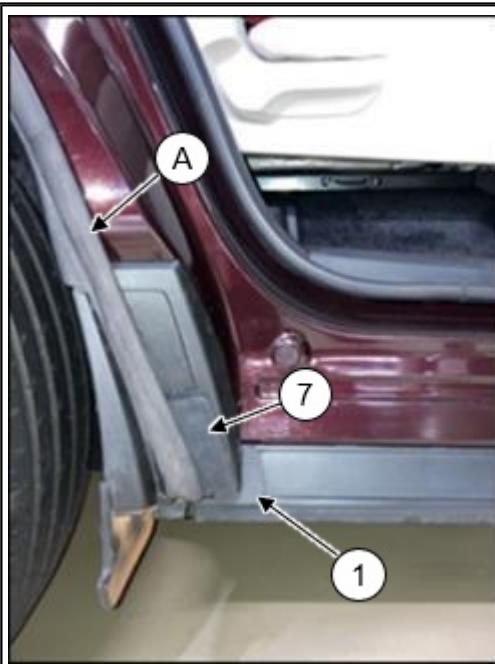
After the attachment has been completed, the urethane pad (1) and the stone guard deflector (A) will overlap.

4e. Lift the weatherstrip (A) and attach the urethane pad (7) as shown in the figures.



Page 13 of 16

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Attachment completed

(A) Weatherstrip
 (7) Urethane Pad
 (1) Urethane Pad (step 4c)

3. Verify the repair.

PARTS INFORMATION

Parts Number	Description	Qty.	Notes
KMY6-51-PV0	Deflector (R), Stone G	1	Protector Set (Total 24 pieces)

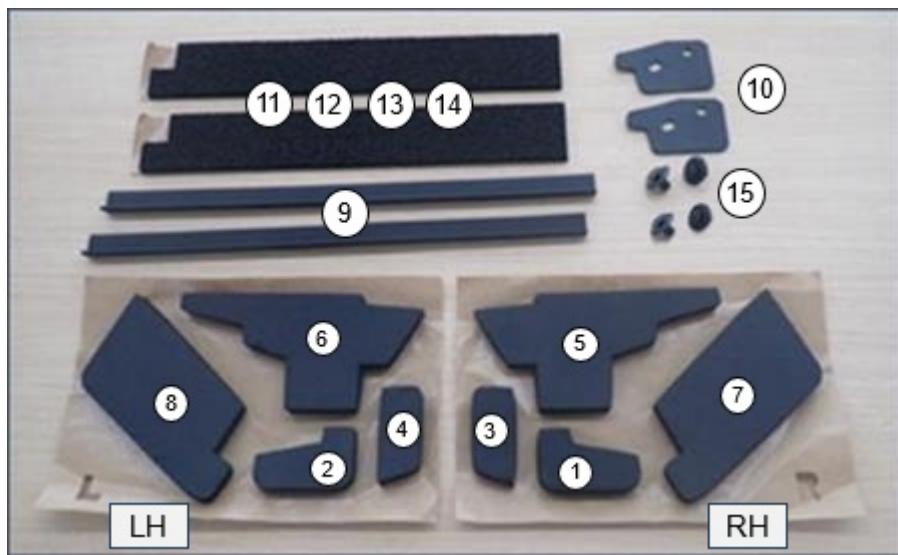
Detail of the Protector Set

No.	Description	Q'ty	Note
(1)	Urethane Pad	1	Right side
(2)	Urethane Pad	1	Left side
(3)	Urethane Pad	1	Right side
(4)	Urethane Pad	1	Left side
(5)	Urethane Pad	1	Right side
(6)	Urethane Pad	1	Left side
(7)	Urethane Pad	1	Right side

Page 14 of 16

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(8)	Urethane Pad	1	Left side
(9)	Protector	2	Same for left and right side
(10)	Deflector	2	Same for left and right side
(11)	Urethane Pad	2	Same for left and right side
(12)	Urethane Pad	2	Same for left and right side
(13)	Urethane Pad	2	Same for left and right side
(14)	Urethane Pad	2	Same for left and right side
(15)	Fastener	4	Same for left and right side



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

Warranty Type	A
Symptom Code	98
Damage Code	93
Part Number Main Cause	7777-SP-Z19
Quantity	0
Operation Number / Labor Hours:	XXX28XRX / 1.0 Hrs.

NOTE: Claim the protector set as related parts.

Page 16 of 16

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