

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



Subject: FRONT DOOR INTERFERES WITH REAR DOOR GARNISH (MAZDA3 5-DOOR HATCHBACK)	Bulletin No.: 09-033/23
	Last Issued : 09/26/2023

BULLETIN NOTES

This bulletin supersedes the previously issued bulletin(s) listed below: The changes are noted in Red.

Previous TSBs	Date(s) Issued
09-014/22	09/12/22 and 04/12/22
09-007/21	04/15/21 and 02/25/21

APPLICABLE MODEL(S)/VINS

VIN Range Table 1: Perform REPAIR PROCEDURE 1 and 2

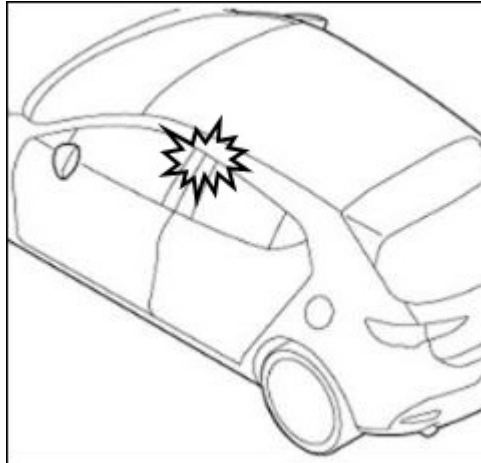
2019-2020 Mazda3 5-door HB (Japan built) with VINS lower than JM1BP*****158118 (produced before November 29, 2019)

VIN Range Table 2: Perform REPAIR PROCEDURE 2 only

2020-2024 Mazda3 5-door HB (Japan built) with VINS greater than JM1BP*****158118 (produced on or after November 29, 2019)

DESCRIPTION

Some vehicles may exhibit that the glass run channel of the front door interferes with the rear door garnish.




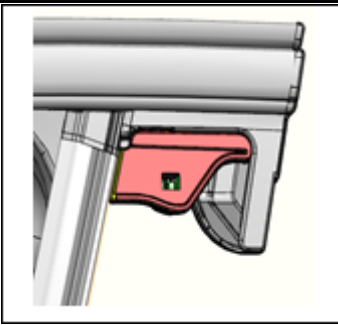
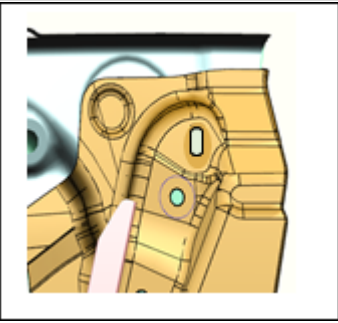
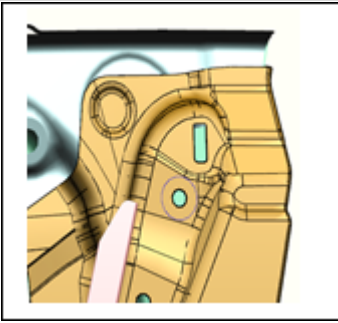
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Since the front door glass run channel is not fixed to the door strongly enough for the following situations, cycles of door operation may result in interference and lead to damage on the seal rubber at the rear door.

- When the front door glass is closed, the glass run channel may be forced to move to the B pillar side.
- In very hot climates, the glass run channel may expand to the B pillar side.

To eliminate this concern, the following 2 phases have been started as a running change:

- Phase 1
 - Adhesive has been added between the front door glass run channel and the door panel.
- Phase 2
 - The shape of the front door glass run channel has been changed so as not to make contact with the rear garnish.
 - The shape of the clip at the rear side of the front door glass run channel has been changed for stronger fixing and the hole at the **door sheet metal panel** has been changed accordingly.

	Old	New
Clip		
Hole at the door sheet metal panel		

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

NOTE: This applies only to 5-door hatchback models. For 4-door sedan models, see 09-028/22 - FRONT DOOR INTERFERES WITH REAR DOOR GARNISH (MAZDA3 4-DOOR SEDAN)

REPAIR PROCEDURE

1. Verify customer concern.
2. Replace the front door glass run channels with modified ones, regardless if the other side is damaged or not.

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ATTENTION: Check the SUBJECT VIN & PRODUCTION DATE RANGE to select the correct repair procedure.

NOTE:

- (VIN Range Table 1): Since the clip of the modified front door glass run channel is bigger than the hole at the door sheet metal panel, cut the clip off and use a blind rivet instead.
- If the vehicle is NOT equipped with accessory side window deflectors, select Job Type A or B depending on the damage on the seal rubber at the rear door.
- If the vehicle is equipped with accessory side window deflectors, select Job Type C.
- The service hole cover No.1 does not need to be replaced with new one even though the procedure on MGSS used to instruct to do so. It has been removed from the Parts Information.

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Job Type	A	B	C
Vehicle status	Damage on one side of rear door	Damage on both sides of rear door	Equipped with side window deflectors
Front door glass run channel	X	X	X
Rear door glass run channel	X (damaged side)	X	X
Front door garnish	X	X	X
Rear door garnish	X (damaged side)	X	X
Clip for sail garnish	X	X	X
Clip for rear belt line mold	X	X	X
Grommet	X	X	X
Side window deflectors	-	-	X

X: Replace parts with new ones.

NOTE: If the rear door garnish needs to be replaced, the rear door glass run channel should be also be replaced due to the design change causing a gap between them.

Repair Procedure 1 (for VIN Range Table 1):

a. Remove the front door glass run-channel according to the instructions on MGSS (FRONT DOOR GLASS RUN-CHANNEL REMOVAL/INSTALLATION).

NOTE: The beltline molding does not need to be removed/replaced for this repair even though the procedure on MGSS instructs to do so.

b. Remove the clip plate from a modified front door glass run-channel.



c. Cut the clip off which does not fit with the hole at the **door sheet metal panel**.



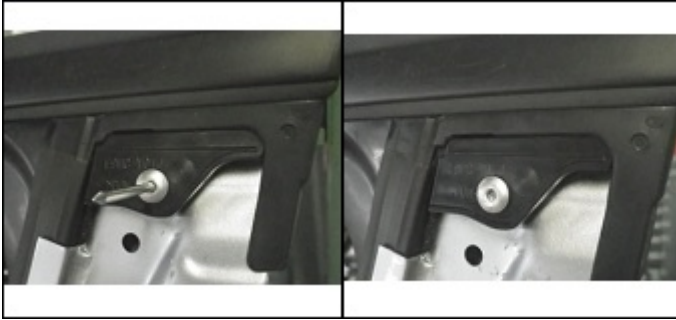
d. Reassemble the clip plate and install the modified front door glass run-channel to the **door sheet metal panel**

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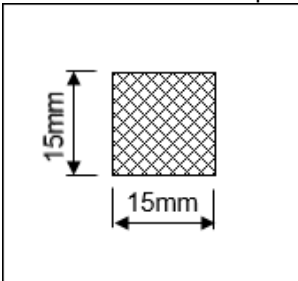
aligning the holes to be riveted.

e. Install the rivet.

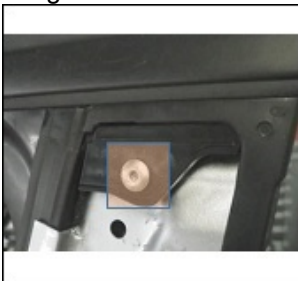


f. Select the unwoven fabric sheet (0.25mm x 100mm x 150mm) from the "Noise Repair Kit" (TA01-76-100) and cut the sheet into a piece of 15mm x 15mm square.

NOTE: If a "Noise Repair Kit" is not available, obtain an appropriate fabric sheet locally.



g. Apply the piece of unwoven fabric seat on the rivet head to avoid a noise that may occur between the rivet and the garnish.

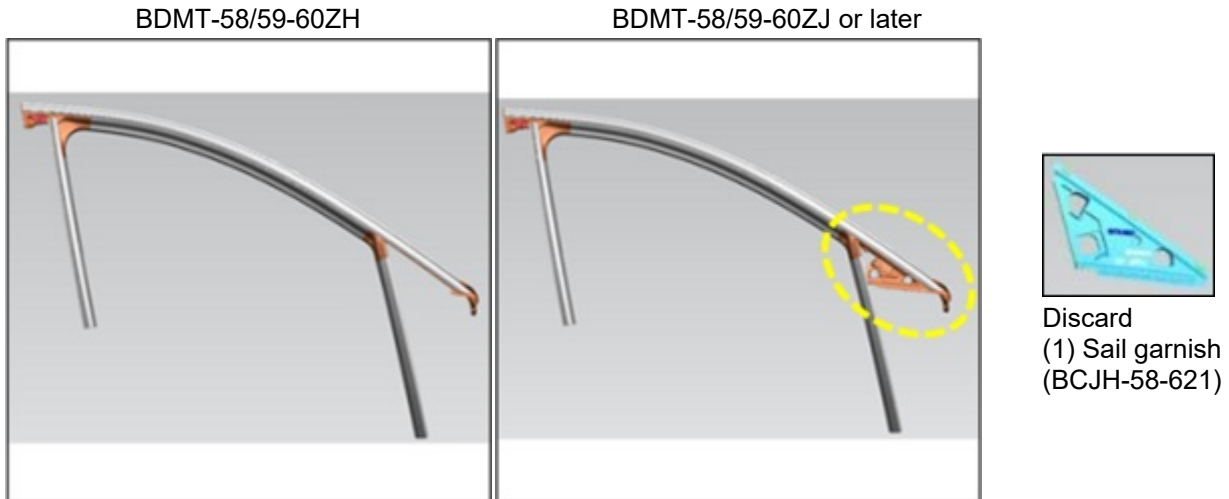


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h. Install the removed parts in the reverse order of removal.

ATTENTION: There are two types of front door glass run channel.

- If the front door glass run channel obtained is BDMT-58/59-60ZJ or later level, remove and discard the sail garnish (1), which is originally installed on the vehicle according to the instructions on MGSS (SAIL GARNISH REMOVAL/INSTALLATION), before installing the front door glass run channel.



Front door glass run channel and sail garnish are integrally formed

i. Perform the power window system initialization procedure (with auto open/auto close function) according to the instructions on MGS (POWER WINDOW SYSTEM INITIALIZATION PROCEDURE).

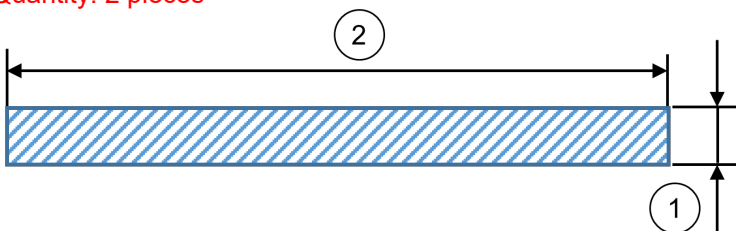
3. Verify the repair.

Repair Procedure 2 (for VIN Range Table 1 and 2):

NOTE: This repair requires three (3) inches of double sided tape.

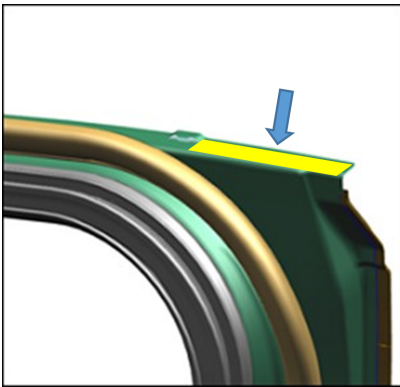
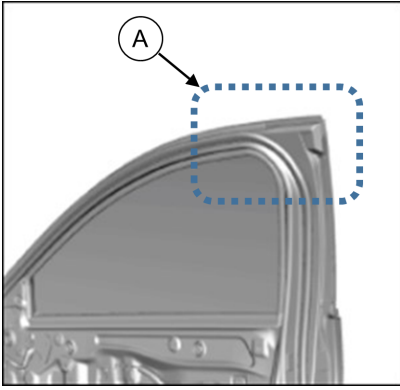
1. Remove the front door glass run channels (both sides) according to the instructions on MGSS (FRONT DOOR GLASS RUN-CHANNEL REMOVAL/INSTALLATION).
2. Prepare 2 pieces of double-sided tape according to the following size.

Thickness: 0.12 - 0.16 mm
 Width (1): 6 +/- 2 mm
 Length (2): 80 +/- 2 mm
 Quantity: 2 pieces



3. Degrease the yellow high-lighted area on the front doors.

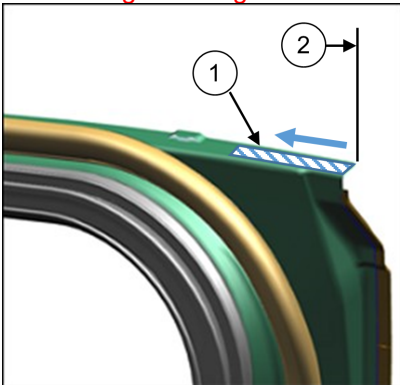
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Details of A

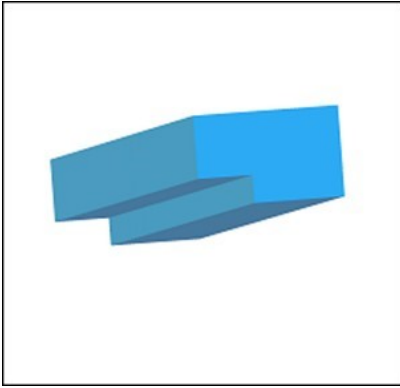
4. Apply the doubled-sided tape (1) to the front doors starting from the rear edge (2) of the front door as shown below.

NOTE: Align the edge of the double-sided tape (1) and the rear edge (2) of the front door.

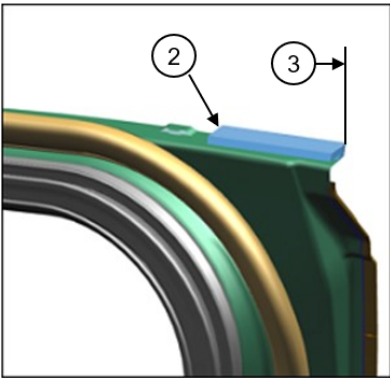


5. Peel off the release paper on the double sided tape (1), and apply the spacer (2) to the front door aligning it with the front door outer edge (3).

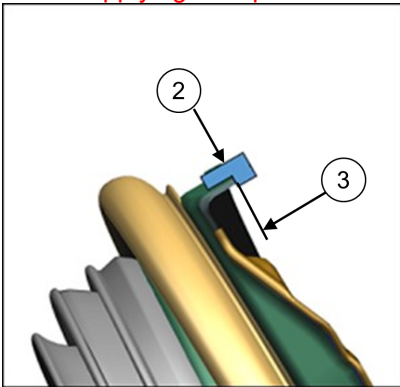
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(2) Spacer

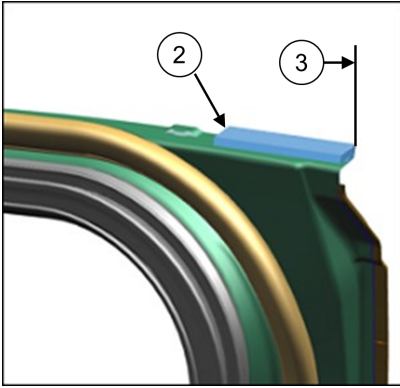


Before applying the spacer.



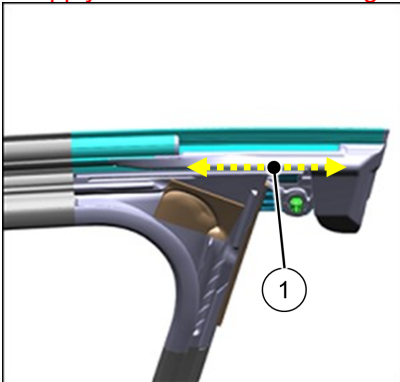
SECTION A-A

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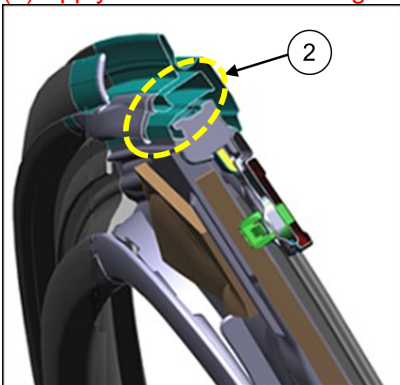


After applying the spacer.

6. Apply a diluted neutral detergent inside the front door glass run channel as shown in the images (1) & (2) below.



(1) Apply diluted neutral detergent inside of this area of the front door glass run channels.



SECTION A-A

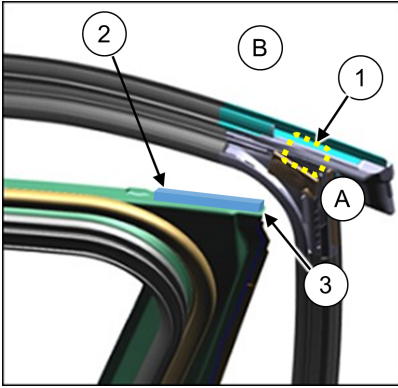
(2) Apply diluted neutral detergent inside of this area of the front door glass run channels.

7. Install the front door glass channel (1) to the front door (2) in the following order.

A: Fit the soft rubber part (1) of the front door glass channel to the spacer (2) from the direction of the front door edge (3).

B: Install the the front door glass channel (1) while sliding it forward.

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

9. Verify the repair.

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PARTS INFORMATION

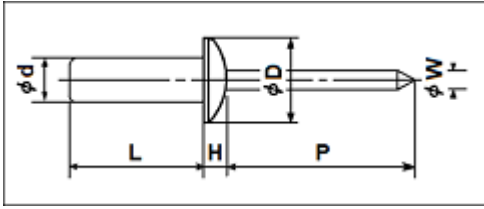
Parts Number	Description	Qty.	Notes
BDMT-58-60ZH	Channel (R), Glass	1	For front door
BDMT-59-60ZH	Channel (L), Glass	1	For front door
BCKC-50-M10C	Garnish (R), Front Door	1	[R] Black
BEMD-50-M10*	Garnish (R), Front Door	1	[R] Piano black
BCKC-50-M20C	Garnish (L), Front Door	1	[R] Black
BEMD-50-M20*	Garnish (L), Front Door	1	[R] Piano black
GHP9-50-M38	Clip, Garnish	3	[R] For sail garnish
BCJH-58-975B	Grommet, Screw	4	[R] For hole cover No.1
BDMT-72-60ZG	Run Channel (R), Glass	1	For rear door
BDMT-73-60ZG	Run Channel (L), Glass	1	For rear door
BCKC-50-M30D	Garnish (R), Rear Door	1	[R] Black
BEMD-50-M30E	Garnish (R), Rear Door	1	[R] Piano Black
BCKC-50-M40D	Garnish (L), Rear Door	1	[R] Black
BEMD-50-M40E	Garnish (L), Rear Door	1	[R] Piano Black
BCKA-72-604	Clip	2	[R] For rear beltline molding
90257-4810	Rivet	2	For VIN Range Table 1
TA01-76-100	Noise Part Kit	0	For VIN Range Table 1 (One kit will repair 60 vehicles). NOTE: DO NOT throw the Noise Part Kit away. It is considered a shop supply that repairs multiple vehicles for multiple issues and the cost is included in the Labor Time.
BCY1-58-959	Spacer	2	For both sides

[R]: Replace part

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Sample size of rivet (90257-4810)

d	L	H	D	P	W
4.8 mm	9.9 mm	1.8 mm	9.6 mm	27 mm	2.9 mm



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	90
Damage Code	9B
Part Number Main Cause	BDMT-58-60ZH or BDMT-59-60ZFH
Quantity	1

NOTE:

- Claim the Noise Repair Kit as a Related Parts for the first time repair.
- **Claim the double sided tape as a sublet expense with sublet code "H9". If the double sided tape can be used for multiple repairs, submit the cost in the first claim out of the affected claims.**
- **Claim accessory side window deflectors as a sublet expense with sublet code "H9".**

Operation Number / Labor Hours:

Repair Procedure	i-stop	Job A: Front Doors & One Rear Door	Job B: All Doors	Job C: All Doors With Side Deflectors
Repair Procedure 1 & 2	w/o i-stop	XXS7ZARX / 2.2 Hrs.	XXS7ZBRX / 2.6 Hrs.	XXS7ZCRX / 3.4 Hrs.
	with i-stop	XXS7ZDRX / 2.3 Hrs.	XXS7ZERX / 2.7 Hrs.	XXS7ZFRX / 3.5 Hrs.

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Repair Procedure 2 Only	w/o i- stop	XXS7ZGRX / 2.1 Hrs.	XXS7ZHRX / 2.5 Hrs.	XXS7ZJRX / 3.3 Hrs.
	with i- stop	XXS7ZKRX / 2.1 Hrs.	XXS7ZLRX / 2.5 Hrs.	XXS7ZMRX / 3.3 Hrs.

NOTE: Repair Procedure 2 requires three (3) inches of double sided tape, which should be considered a shop supply included with the labor time.

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