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Subject: RATTLE NOISE FROM FRONT DOOR GLASS	Bulletin No: 09-038/16
	Last Issued: 10/25/2016

BULLETIN NOTE

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

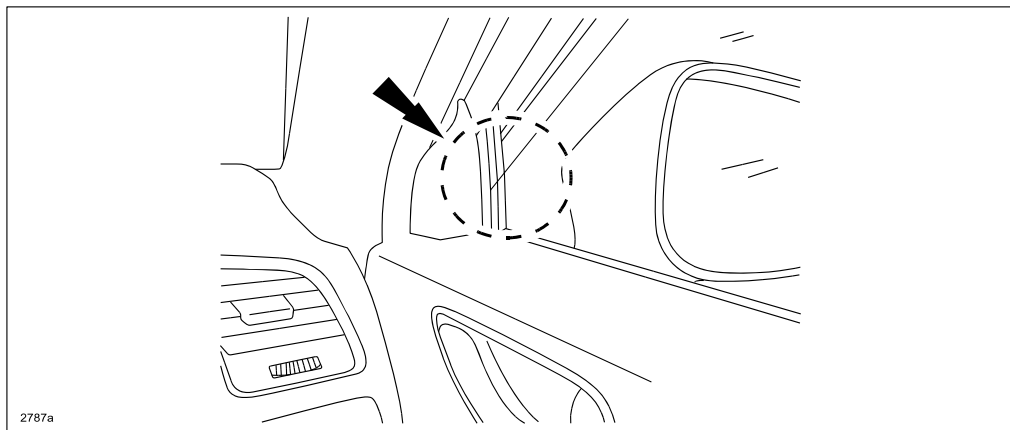
Previous TSBs:	Date(s) Issued:
09-038/16	06/09/16
09-016/15	05/18/15
09-017/14	08/29/14, 03/05/14 and 08/18/14
09-011/13	04/17/13

APPLICABLE MODEL(S)/VINS

2014-2016 Mazda3

DESCRIPTION

Some vehicles may experience a rattle noise from the front door glass when driving with the window open approx. 1/2 to 4 inches (1 - 10 cm).



The rattle noise may be caused by insufficient holding force of the glass run channel. To increase the holding force, the shape of glass run channel has been changed and non-woven pads have been attached to the glass run channel.

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

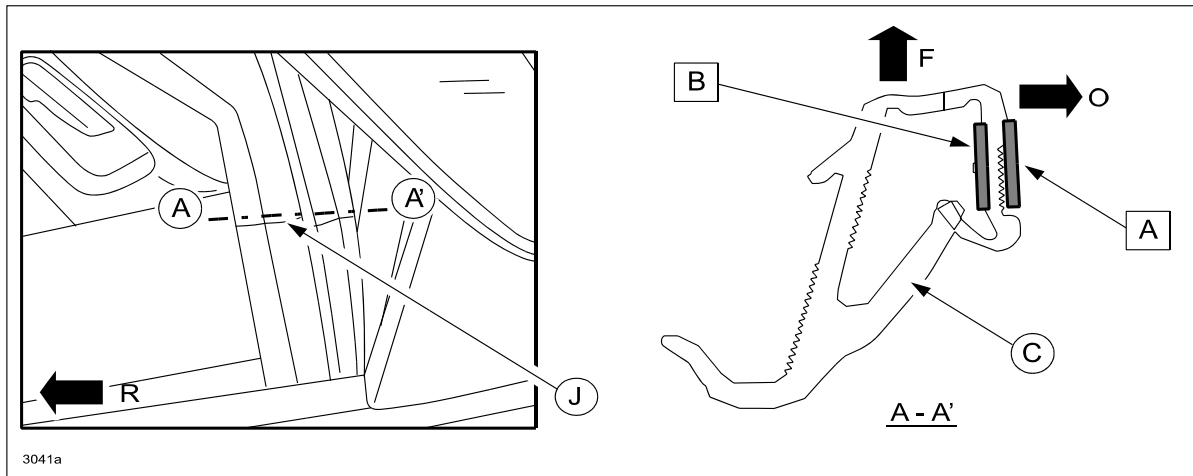
CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical---including photocopying and recording and the use of any kind of information storage and retrieval system ---without permission in writing.

REPAIR PROCEDURE

- Verify the customer concern. The rattle noise should go away when holding the slightly opened window by hand or when the window is completely closed.
 - If the noise goes away, proceed to the next step to attach non-woven pads to Positions A and/or B of the glass run channel (C) as shown below.

NOTE: Depending on vehicle type, a non-woven pad or resin foam may have already been attached to Position A. In this case, it is not necessary to attach additional non-woven pads to this position.

- If the noise does not go away, this service bulletin does not apply. Troubleshoot the noise according to section 09 (Body and Accessories) of the MS3 online instructions or the Workshop Manual.



(O = Outer, F = Front, J = Molded Joint Line, R = Rear)

- Obtain the 0.25mm thick pad from the Noise Parts Set and cut pads to size for the position(s) according to vehicle type listed in the tables below.

Mazda3 (Japan Built)					
Vehicle Type	Production Date	VIN Range		Position and Size (T x W x L mm)	
				Position A	Position B
A	On or before 7/1/14	JM3BM*****	100001 to 218352	O (1 x 7 x 50)	O (1 x 7 x 40)
B	On or after 7/2/14	JM3BM*****	218353 to 999999	X	O (1 x 7 x 40)

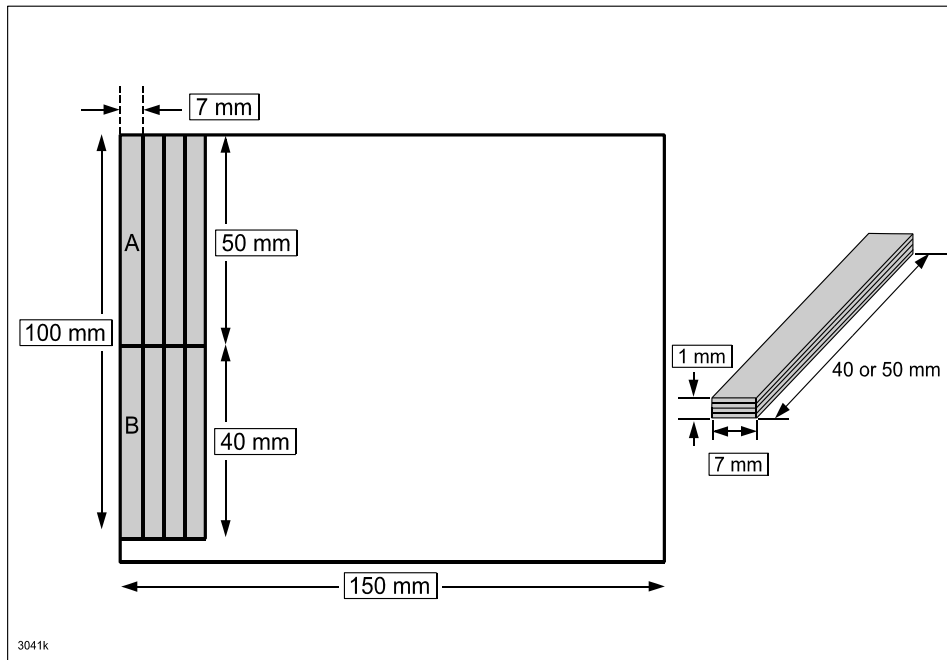
Mazda3 (Mexico Built)

Vehicle Type	Production Date	VIN Range		Position and Size (T x W x L mm)	
				Position A	Position B
A	On or before 6/2/14	3MZBM*****	100001 to 117653	O (1 x 7 x 50)	O (1 x 7 x 40)
B	On or after 6/3/14	3MZBM*****	117654 to 999999	X	O (1 x 7 x 40)

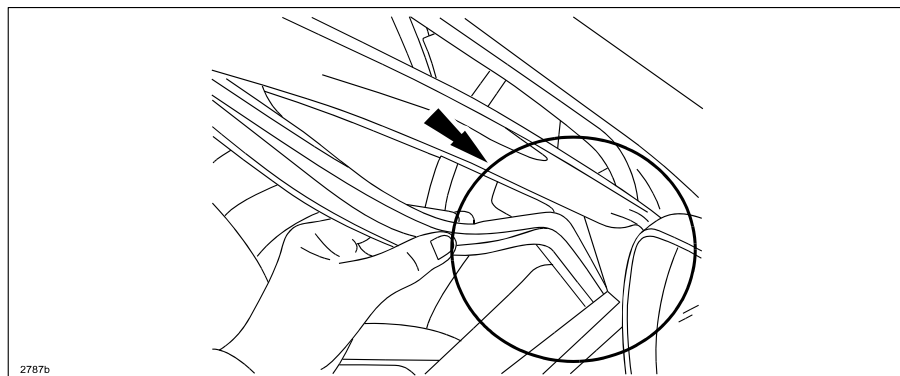
O: Attach the specified size of non-woven pad.

X: A non-woven pad or a resin foam has already been attached to this position, so it is not necessary to attach another one.

- Using a straight-edge and sharp knife, cut the pad into the sizes necessary for the vehicle repair, then stack the 4 pieces on top of one another to create a 1mm thick pad.

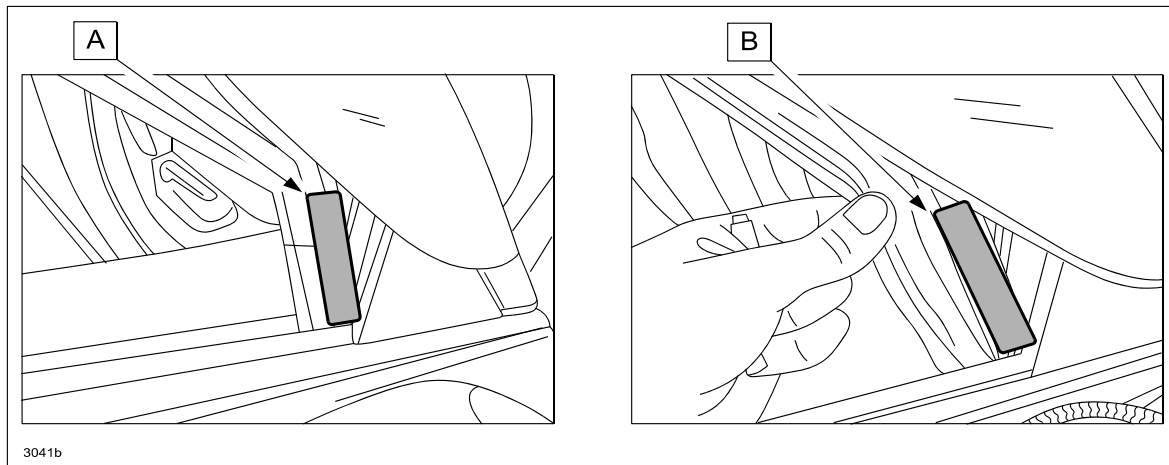


- Open the door glass fully and pull the glass run channel off of the door frame (right side glass run channel shown below).



5. Degrease the glass run channel where the pads for Positions A and/or B will be attached to the glass run channel.

NOTE: Depending on the vehicle type, degreasing is not necessary for Position A if a non-woven pad or a resin foam has already been attached there.



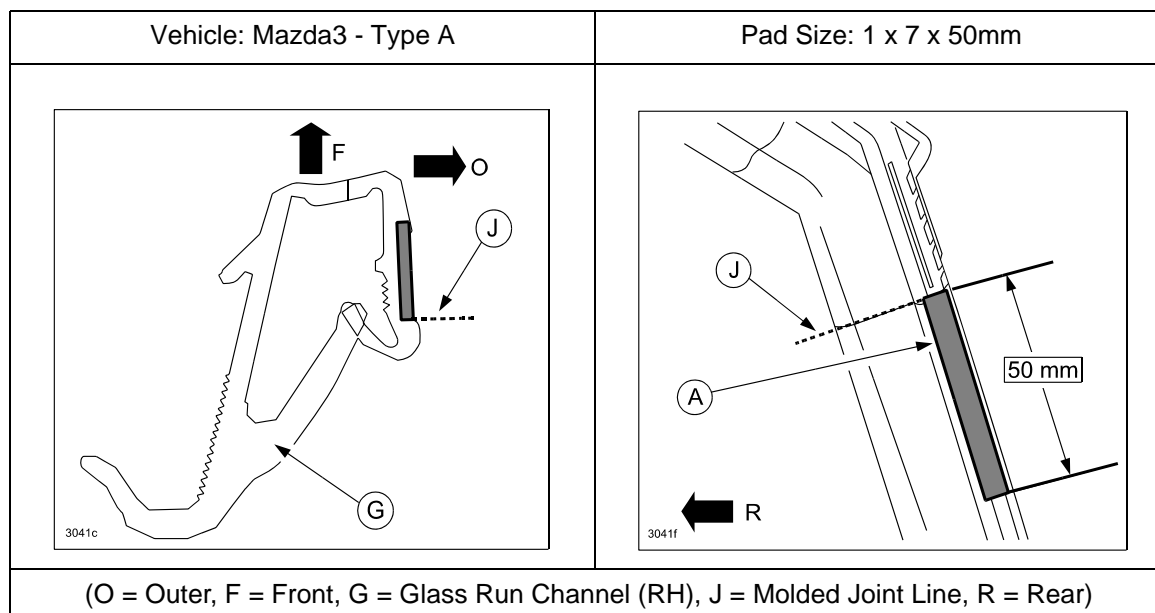
6. Apply an adhesion promoter (one that is suitable for use on plastic) to the locations where the pads will be attached.

NOTE:

- Obtain adhesion promoter locally.
- Recommended adhesion promoter: 3M K-540NT, K500 or 4298UV. If these products cannot be obtained, any adhesion promoter suitable for plastic can be used.

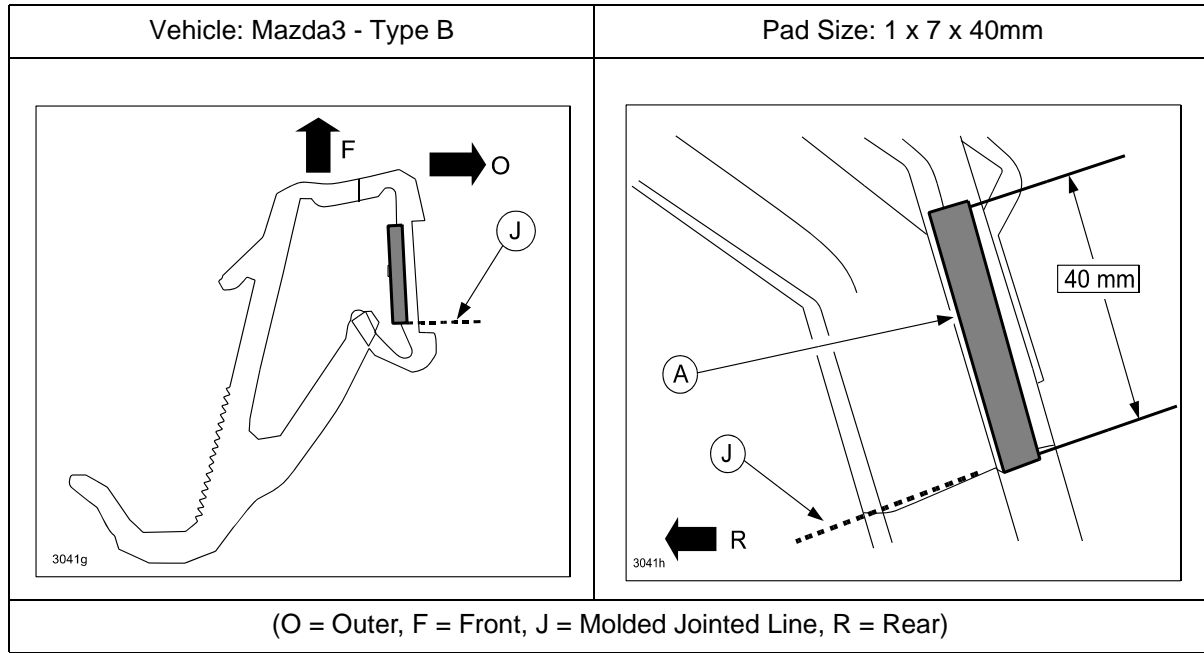
7. According to the vehicle type, attach the non-woven pad(s) to the glass run channel as shown below.

POSITION A: Attach 50mm pad (A) BELOW the molded joint line (J) as shown below.



POSITION B: Attach 40mm pad (A) right ABOVE the molded joint line (J) as shown below.

NOTE: The images below are of a perspective view. Attach the 40mm pad along the uneven line of the back-side of the lip.



8. Reinstall the glass run channel back to the original position.
9. Operate the door glass up and down to verify proper operation.
10. Repeat the repair on the glass run channel on the other side if necessary.

PART(S) INFORMATION

Part Number	Description	Qty.	Notes
TA01-76-100	Noise Parts Set	1	Non-woven fabric: 0.25mm thick (One sheet can repair 5 to 12 vehicles, depending on the vehicle type)

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	82	
Damage Code	97	
Part Number Main Cause	****-59-605* / ****-58-605* NOTE: Check the GEPC for the part number of the glass run channel applicable to the VIN of the repaired vehicle.	
Quantity	0	
Operation Number / Labor Hours	Attach sheet to Position B only	XXL41XRX / 0.2 Hrs. (one side) XXL42XRX / 0.3 Hrs. (both sides)
	Attach sheet to Positions A and B	XXJ5CXRX / 0.3 Hrs. (one side) XXJ5DXRX / 0.4 Hrs. (both sides)

NOTE: Do not claim the noise parts set (P/N TA01-76-100) as a related part. The amount of pad and adhesion promotor used for this repair is included in the labor allowance.