

<b>Subject:</b> <b>SERVICE GUIDANCE FOR TRUNK WEATHERSTRIP INSTALLATION</b>	<b>Service Alert No.:</b> SA-028/20
	<b>Last Issued:</b> 02/18/2020

### APPLICABLE MODEL(S)/VINS

2019-2020 Mazda3 sedan

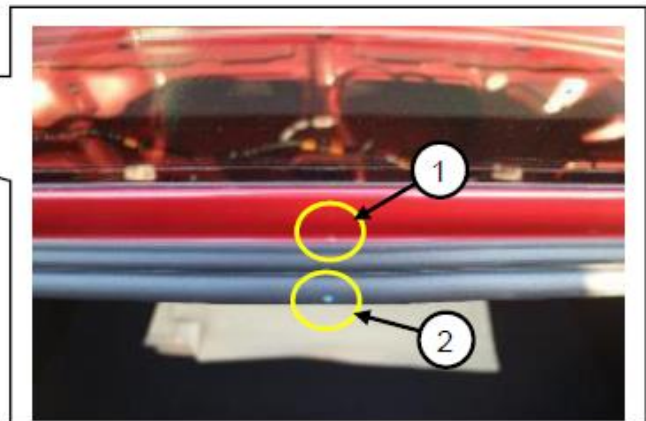
### DESCRIPTION

Refer to the Repair Procedure when installing the trunk weatherstrip for guidance, otherwise water may enter the trunk during heavy rain or when going through a car wash if it is not installed properly.

### REPAIR PROCEDURE

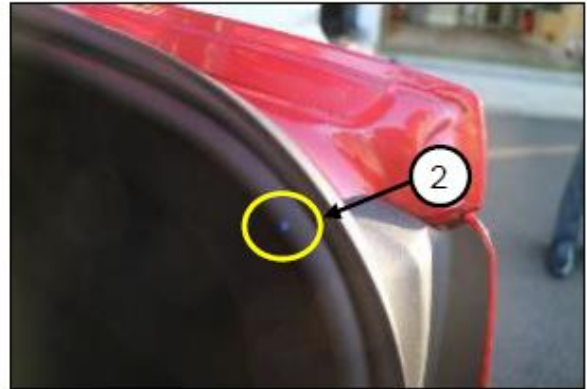
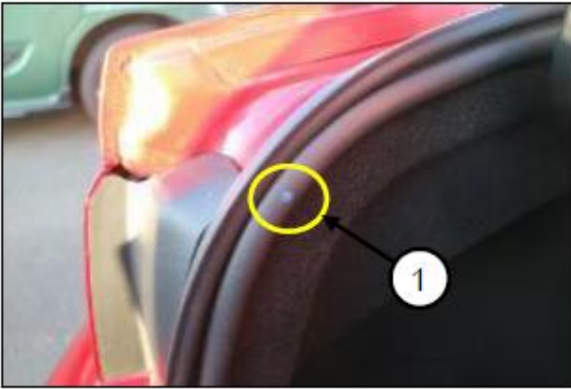
**NOTE:** Before installing the weatherstrip, check for the location marks (blue dots) printed on it.

1. Find the small bump (1) on the center of the body panel and align the blue dot (2) marked on the weatherstrip with the bump and lightly insert the weatherstrip to the flange.



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2. Align the other two blue marks (1) and (2) to the apexes of the curves and lightly insert the weatherstrip to the flange.



3. Insert the whole weatherstrip to the flange.



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4. Check around the curves (at the corners) to see if the groove width of the weatherstrip is even all around.

No good: The groove width varies, especially at the curve where it is narrower than other parts.

Good: The groove width is even all around.

No good



Good



- If the groove is narrower at the curves, proceed as follows:

a. Hold the weatherstrip as shown and pull to the blue mark direction.



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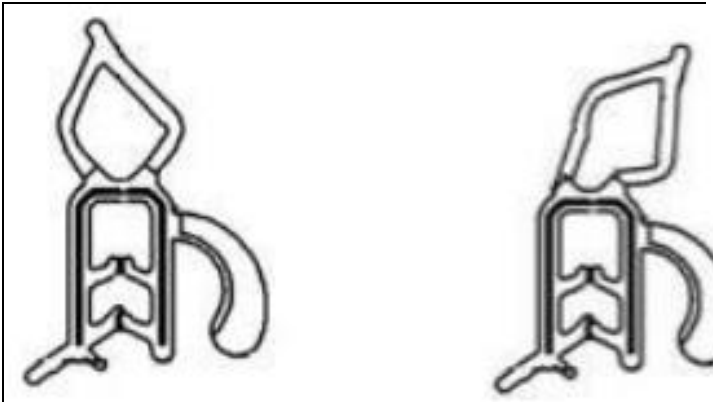
b. Pull the weatherstrip towards the blue mark (towards the trunk backside direction).



c. Verify that the lip is facing upwards.

The lip is facing upwards  
(Good)

The lip is leaning  
(No good)



Cross section of the weatherstrip

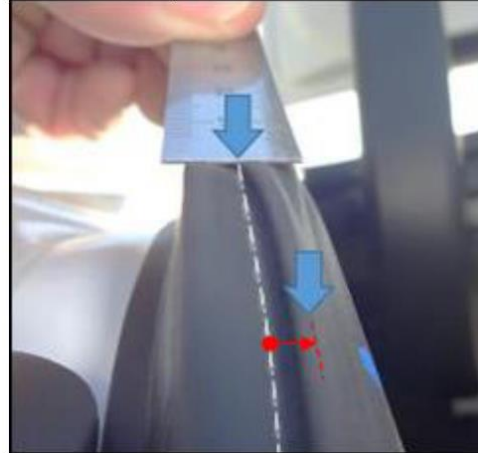
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**Good:**

The weatherstrip's lip line is almost centred (the pressure is applied vertically when the trunk lid is closed).

**No good:**

The weatherstrip's lip line is leaned to the inner side (it is not possible to apply enough pressure to assure a perfect seal when the trunk lid is closed).

**Check points:**

1. Confirm that the groove's width is even when looking from the side.



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1. Check if the weatherstrip's seat is sticking firmly to the body.
2. Verify that the lip tip is facing upwards along the entire perimeter.



1. Ensure there is no wavering on the weatherstrip.
2. Check the lip line at the corners again.



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5. Test the grip between the trunk lid and weatherstrip.

a. Cut a 7cm width piece of paper from the edge of an A4/letter size paper.

b. With the trunk lid opened, place the piece of paper on the edge of the trunk, then close the trunk lid to trap the paper between the weatherstrip and the trunk lid.



c. Pull the paper to test the grip.

- If some resistance is felt when pulling, the repair is complete.
- If the paper can be easily pulled out (indicating a poor seal), repeat the weatherstrip adjustment again.

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