



# Quarter Window with Vent Installation Instructions 1990–2005 Mazda Miata

PART # 901-695

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*Actual parts may vary slightly from images shown.*

## Tools required:

- 10mm socket (1/4" drive)
- 1/4" drive ratchet
- Short 1/4" drive extension
- Phillips head screwdriver
- Plastic trim/molding removal tool
- Silicone spray (optional)

## Notes:

We highly recommend removal of the main door glass for replacement of the quarter vent window. The glass is easy to remove and will make vent window removal significantly easier. Instructions are included for removal.

**Caution: Some sources indicate that the vent window can be replaced with the main door glass in place. Attempting to install this product without removing the main window may result in a bent window track and damage to your door window glass.**

## Removal:

- 1) Before you begin, roll the main window glass fully up and close the door. Note the position of the door glass and how it sits with respect to the roof line and on the window seals. This position is adjustable and you will want to return it to the same position when the job is completed. Figure 1.

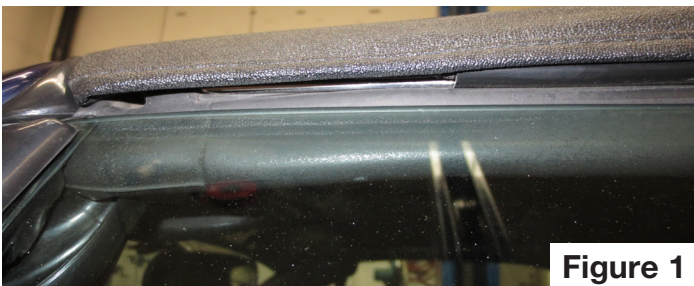


Figure 1

- 2) Roll the window to the fully down position. Remove the door panel.  
**Note: Instructions on how to remove door panels.**  
[https://mossmiata.com/media/instructions/909-925\\_INST.pdf](https://mossmiata.com/media/instructions/909-925_INST.pdf)
- 3) Remove the Phillips head screw retaining the door handle. Then peel back and remove the plastic lining. Reinstall the door handle.
- 4) Remove the four Phillips head screws retaining the speaker and remove the speaker with the plastic shield. If the factory weather strip adhesive is in place, you may need to gently pry it out with the plastic trim removal tool. Remove the electrical connector and set the speaker aside. Figure 4.



Figure 4

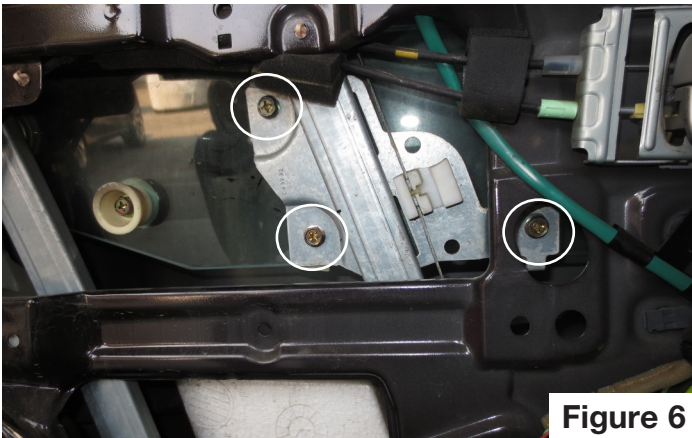
- 5) Remove the 10mm bolts retaining the adjustable upper window stops and pull the stops out of the door. Take note there are usually witness marks that will help your reinstall them in the same position. Figure 5.



Figure 5

## Installation Instructions

- 6) Roll the window up about half way to access the bolts shown. Remove the three 10mm bolts. Figure 6.



**Figure 6**

- 7) Pull the door glass straight up and out of the door. Figure 7.



**Figure 7**

- 8) Remove the Phillips head screw in the top of the vent window door seal. Figure 8.



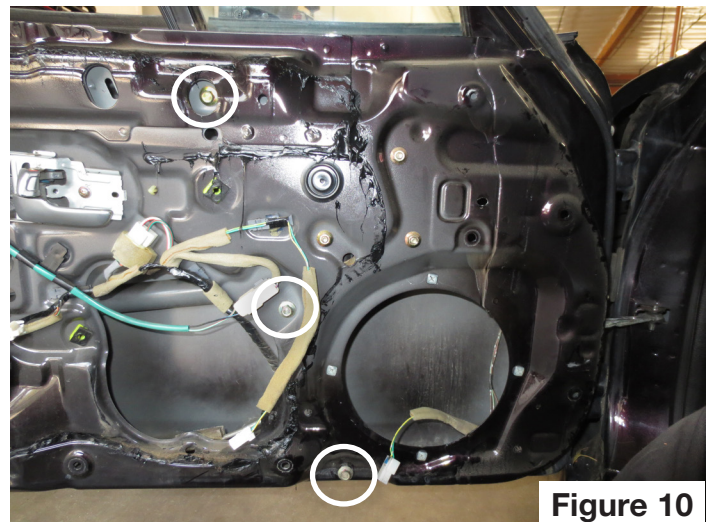
**Figure 8**

- 9) Carefully peel back the seal up and off of the vent window frame. Remove the other Phillips head screw that is now exposed. Figure 9.



**Figure 9**

- 10) Remove the three 10mm bolts retaining the window track shown in Figure 10. (1990-1997 cars have only two retaining bolts). Leave the seal in the lower portion of the window track and position the window track out of the way. It does not need to be removed from the door completely.



**Figure 10**

- 11) Wiggle the vent window and slide it out towards the rear of the car then out of the door.



**Figure 11**

- 12) Remove the seal from the old vent window. The seal can be reused if it is in good condition.

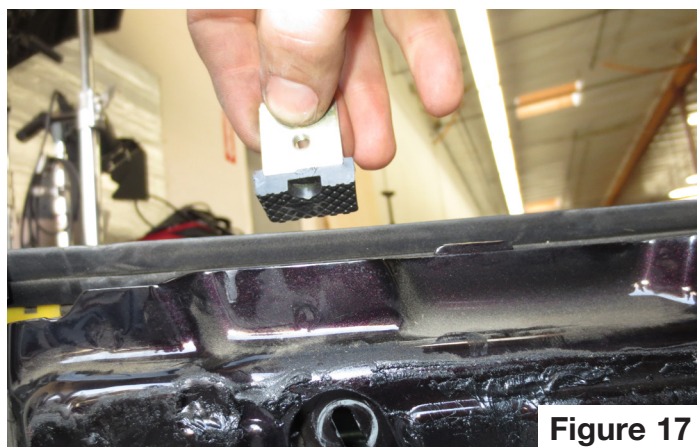
## Installation Instructions

- 13) Peel off the plastic backing on both sides of the replacement vent window. Install the seal on the new vent window. Figure 13.



### Installation is reverse of removal. Take note of the following:

- 14) Applying some silicone spray to the seal will help it slide into place easier without distorting the seal.
- 15) Make sure the vent window seal is fully seated in the door frame and held in the grooves in the window track before tightening down the bolts. The plastic trim removal tool is helpful to push the seals in if needed.
- 16) Do not overtighten the screws retaining the main window glass to the regulator. Doing so can crack or shatter the glass.
- 17) Make sure to reinstall the window stoppers to the exact same position (rubber side down). Figure 17.



- 18) Gently close the door and make sure the glass is in the correct position when rolled up. The glass should be high enough to seal against the upper seal but not so high that it contacts the top or top frame when closed. Adjust if necessary before reinstalling the plastic and door panel.
- 19) Tightly squeeze the vent window pod to install it in the window as shown. Squeeze the tabs when adjusting or opening/closing to reduce stress on the vent window. Figure 19.



***Although every effort has been made to ensure the accuracy and clarity of this information, any suggestions that you may have that will improve the information (especially detailed installation notes and photos) are welcome. These instructions were developed and written by Moss Technical Support. If you have any questions or difficulties with your installation of this product, telephone 800-667-7872 between 7:00 a.m. and 4:00 p.m., Pacific Time for assistance.***

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