

CorkSport Mazda 2 Rear Wing

2011+ Mazda 2



Thank you for purchasing the CorkSport Mazda 2 Roof Mount Off-Hatch Wing Spoiler. This will enhance the aerodynamic look of your 2011+ Mazda 2 and attaches easily to the rear of your Mazda 2 to provide a sleek aftermarket appearance on your Mazda 2.

Please let us know your feedback about the Mazda 2 Roof Mount Off-Hatch Wing Spoiler by submitting a product review today at

<http://www.corksport.com/corksport-2011-mazda-2-roof-mount-off-hatch-wing-spoiler.html>

Pre-Installation Notes:



This CorkSport Wing was designed for vehicles that came from the factory WITHOUT a wing. If you have a wing you will need to fill and paint all the holes where the factory wing attached and drill new holes to accommodate the mounting location of the new wing.



These instructions were written for reference only and the use of a factory service manual is recommended. Please read these instructions thoroughly prior to starting installation.



How our instructions work: To best cover all of our customers experience levels, we have included an overview checklist for the more technically advanced users along with step-by-step instructions for customers that require additional detail.



These installation instructions were written using a 2011 Mazda 2. Other year Mazda 2 models will be similar.

Materials and Time:



General Info.

Part #: Mz2-8-091
Time Est: 1.5 hours
Wrench Rating: 2/5



Tooling List

3/8" Socket Wrench
10mm Socket
6" long extension
Drill with 5/16" drill bit
Tape (Painters tape works best)



Parts List

One (1) CorkSport Wing
Four (4) M6 bolts
2Ft of 3M tape




Need Help With Your Installation?

Call (360) 260-CORK

Checklist

This is an overview of each step in the build. You can use this as a reference and a checklist as you button up the work on your car

1. Installing the CorkSport Hatch Wing

- a) **Cut out the template supplied on the last four pages** of the installation instructions. Cut along the black line. This line matches the rear hatch on the Mazda 2.
- b) **Tape down the template** to the rear hatch lid of the Mazda 2.
- c) **Test fit the wing on to the hatch lid.** Adjust the wing and template until you are happy with the location. **Figures 2a and 2b** show how the wing should look.
 -  There are six holes shown on the template. Four of them will be used for this wing. The two in the center will not be used in this installation.
 -  If you purchased the fiberglass version this is the time to paint your wing or add an additional layer of clear coat to carbon wings for UV protection.
- d) **Drill holes at the four locations** for the wing to mount. You will need to drill all the way through the hatch using a 5/16" drill bit.
 -  The underside of the hatch will need to be drilled larger to thread the supplied bolts in at two of the locations. These are the two most rear bolts, one left and one right. A 1/2" or larger drill bit will be required.
- e) **Apply the supplied 3M tape.** Apply tape along edges of the wing.
- f) **Place the wing back in the position found in step 2c.** Before pressing down on the wing, make sure the four holes of step 2d are aligned correctly.
- g) **Press down on the mounts** of the wing to secure the 3M tape. The wing should now look like **Figure 2b**.
- h) **Attach the four supplied bolts to the wing** from the back side of the hatch.



This completes the installation of your CorkSport Rear Wing. Take a test drive and make sure nothing rattles. If it does make sure all hardware is tight.

What's Next:

[CORKSPORT Interior LED Kit](#)



Enhance the look of your interior by adding custom LED interior lights. CorkSport's LED light kit replaces the incandescent bulbs for the dome light, front turn signals, rear hatch light, and license plate bulb. The lights simply plug in with no custom adapters or wiring required.

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Detailed Instructions

1. Installing the CorkSport Hatch Wing

- Cut out the template supplied on the last four pages of these installation instructions. Cut along the black line. This line matches the rear hatch on the Mazda 2.
- Tape down the template to the rear hatch lid of the Mazda 2. Shown in **Figure 1c**. The center holes are not used but are shown with **green arrows** for reference.



Figure 1a



Figure 1c

- Test fit the wing on to the hatch lid. Place the wing on the lid and verify that the four mounting holes for this wing line up with the holes on the template circled in **Figure 1c**. Adjust the wing and template until you are happy with the location. **Figures 1a and 1b** show how the wing should look.



There are six holes shown on the template. Only four of them are used for this wing. The two in the center will not be used in this installation



This is the time to paint your wing. General FPR instructions are included with this product.



Figure 1b

- Drill holes at the four locations for the wing to mount. You will need to drill all the way through the hatch using a 5/16" drill bit. Two of those holes are shown in **Figure 1e** on next page. It is critical that all holes on the template and holes on the wing align before drilling.

In order to tighten the bolts that will be applied to the wing you may have to enlarge the holes on the underside of the hatch.



These are the two most rear bolts, one left and one right shown circled in **Figure 1e**. A 1/2" or larger drill bit will be required. Make sure to only drill the underside portion of the hatch, this is the portion not visible from outside. Do not drill all the way through with the larger drill bit.

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1. Installing the CorkSport Hatch Wing Continued...

- e. Once everything aligns you will want to secure the wing. Before you can do that you will need to apply the supplied 3M tape. Apply tape along edges of the wing. Shown in red in **Figure 1d**.
- f. Place the wing back in the position identified in step 1c. Before pressing down on the wing make sure the four holes identified in step 1d are aligned correctly. Two of those holes are shown in **Figure 1e**. Be careful
- g. Press down on the mounts of the wing to secure the 3M tape. This will secure the wing to the car and limit vibration after installation. The wing should look like **Figure 1b**.
- h. Attach the four supplied bolts to the wing from the back side of the hatch.



Figure 1d



When attaching the bolts be sure not to over tighten the two bolts that tighten into fiber glass. There are two metal sleeves that are tapped in the wing and two without metal sleeves. The ones without can strip easily.



Figure 1e



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Give your 2011+ Mazda2 immediate boosts in horsepower and torque by bringing more air into the intake chamber. Our simple to install SRI is MAF housing precision machined from billet aluminum with included air straightener. Designed to maintain optimal flow and generate ideal performance, CorkSport engineers each part with exacting tolerances and uses the latest in computer aided manufacturing techniques to make sure you get the highest quality, best performing part for your money.

[CORKSPORT Mazda 2 Short Ram Intake](#)



[CORKSPORT Mazda 2 Rear Chassis Brace](#)



Increase the stiffness of your Mazda 2 body and limit chassis flex for positive driver feedback under hard cornering with the CorkSport Mazda 2 Rear Chassis Brace. Designed using a 1 inch extruded aluminum bar, the CorkSport Mazda 2 Rear Chassis Brace provides additional strength without adding unwanted excessive weight to the body of the vehicle, giving you with a noticeable improvement in your driving experience by making the suspension more effective. The rear bar is also quickly removable with included quick release pins.

