

***Kit Trim***

Base	Sideskirts, Rear Wickers, and Mounting Hardware	
Full	Sideskirts, Rear Wickers, Mounting Hardware and Underskirt Airfoils	

Before we start...***Required (Recommended) Tools***

- Rivet gun with adapter for .125in rivets
- Ratchet (optional)
- 8mm Wrench or Socket
- 10mm Wrench or Socket
- 4mm Allen Socket or 4mm Allen Key
- Hole Punch
- Drill
- 7/32 Drill Bit
- 3/16" Drill Bit

For Everything

- Gloves (Strongly Recommended)
- Loctite (optional)

INSTRUCTIONS

Before installing the sideskirts on your car, first you need to assemble them.

1. Both the carbon fiber blade and the underskirts airfoil come separated from the skirt. We need to rivet them both in place.



Let's start with the underskirt airfoil.

NOTE: if your kit does not come with underskirts airfoils, please jump to the next step.



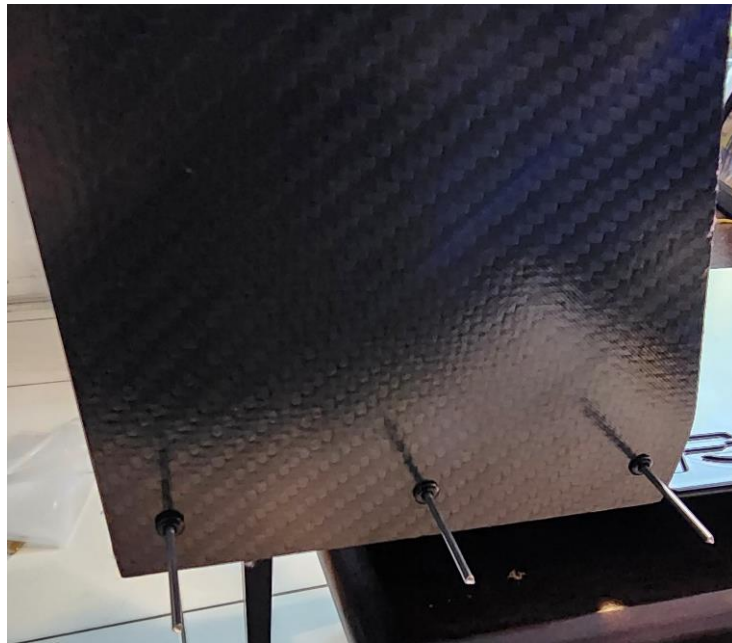
The underskirt airfoils go underneath the skirt, they have a specific direction, and they are also specific to one side. The airfoil pictured above goes on the left (driver) side. No matter the side they are always pointing out.



Match the airfoil with the existing holes and with your rivet gun, rivet them into place like in the picture above. Repeat this process for the other 3 airfoils.

NOTE: The picture above shows the top of the sideskirt. Our sideskirts use two airfoils per side, 4 in total.

2. Now it's time to attach the carbon blade to the skirts, they get riveted into place like in the picture below.



NOTE: The blade sits on the outside of its mounting flange. The picture below shows how it should look from behind.



3. Now the sideskirts are ready to go in the car. Let's start by removing the lower front fender bolts, there will be two of them. You will need either 10mm wrench or socket to get them out.

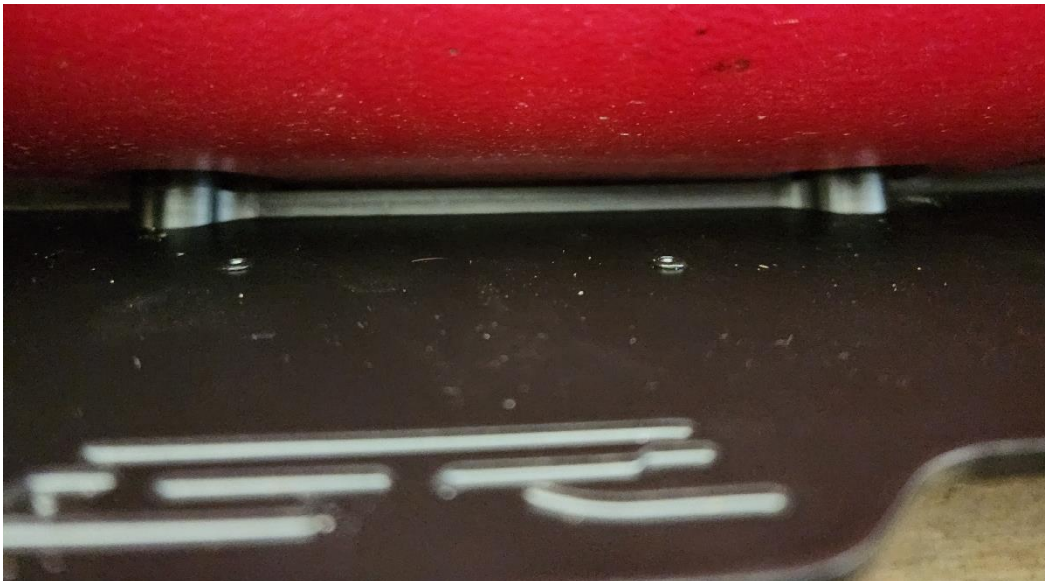


NOTE: The picture above is of an NB, an NA lower fender will look slightly different, but the same step applies.

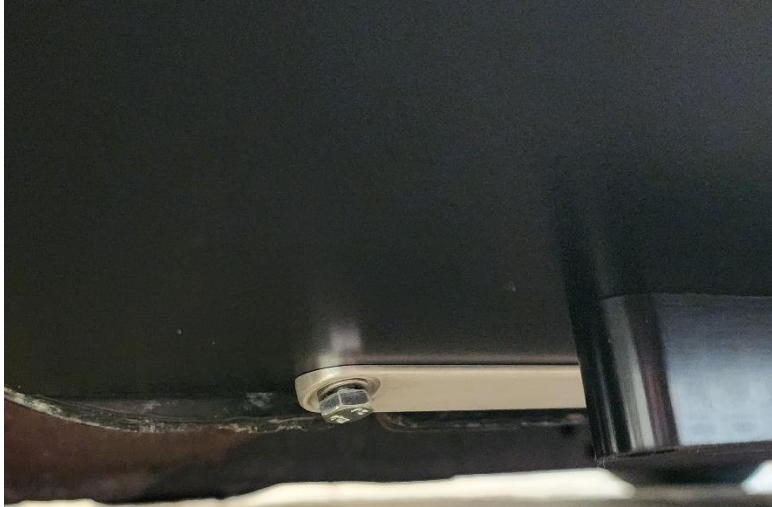
4. Once the lower fender bolts are out, its time to bolt the sideskirts to your Miata.



Up front our sideskirts re-use the factory fender mounting points in combination with new stainless-steel hardware.



A Delrin Angled Spacer (shown in picture above) ensures that the sideskirts sit at the perfect angle and the underskirt billet washer (shown in the next picture) provides the new, longer stainless-steel bolt a flat surface to rest on, since our sideskirts are parallel to the ground and the bolts go in at an angle.



New longer bolts (M6x30mm) as well as washers are included in your kit. You will use 2 of each per side. Get these tight (but not too tight) before the next step. These bolts will require a 10mm wrench or socket.

5. Now it's time to prepare to bolt the sideskirt's rear bracket to the car. Which require drilling into the factory pinch welds.

But before doing any drilling and or bolting, we need to mock up the sideskirt in place. We do that by bolting the rear wickers/spats and taping it temporarily into position like in the picture below. You will need a 4mm Allen wrench and 10mm socket/wrench for this.



Make sure both the tape and the wickers are tight into place before proceeding.

6. On this step we are going to drill the required holes on the pinch welds to mount the sideskirt's rear bracket. Pictured below is how the bracket looks when mounted.



Since your sideskirts are bolted in the front and held in place at the rear, you will use the sideskirt bracket itself to mark your holes using a hole punch (preferably).



Before marking your holes make sure that the sideskirt is straight. Drilling the holes too high or low will create a bump or dip on the straightness of the sideskirt. So, take your time, take a good look and use a level if necessary.

Once you have marked your holes, go ahead and drill them. Start with a 3/16 bit and open them up to 7/32.

7. Now is time to bolt the sideskirt to the pinch welds. This is done using the provided M5 bolts, nuts and washers.

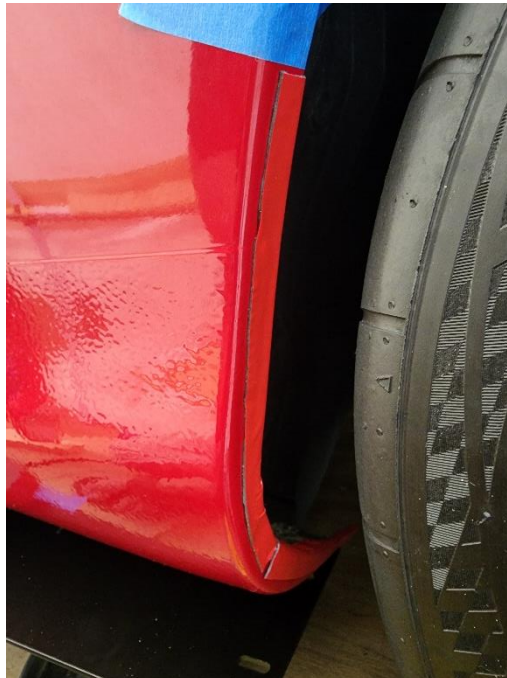


As shown in the picture above you will use the washers as spacers. Depending on your car in can be 2 or 3 per bolt. **NOTE: The picture above shows a prototype Allen bolt, your kit will have an 8mm head M5 bolt instead for this application.**

The sideskirt has to be tight against the body, if 3 washers don't let you do that, fine tune the number of washers used until the sideskirt is tight.

8. Once your sideskirt is mounted, now it's time to get ready to secure the rear wickers.

First remove the tape that you used to hold the wicker in place for previous steps. Now use some tape to mark the where the top of the wicker sits with respect to the body.



As shown in the picture above you will use the provided double-sided tape and tape it to the mounting face starting below the mark (on the picture above the mark is the blue tape).

NOTE: For better results use promoter, you can use it on both sides of the tape if so desired, we used it only on the wicker side.

9. Now it's time to get the wicker in place.



This next part can be done two different ways, either remove the tape completely and then bolt the wicker to the sideskirt or lift the tape a little bit and bolt the wicker to the sideskirt.

Either way you will need to have the wicker loose enough to be able to move it away and then towards to the body.

If you are going to use promoter on the wicker spats of things, method one is better, but be extremely careful to not let the wicker touch the tape until you are ready to get it into place.

Use the next picture as a reference.



You do not need to perfectly match the picture above. Your wicker can sit a little bit more in our out. The most important bit here is to make sure the wicker is fully pressed against the body. Once done it should look like both pictures on this page.





10. Once the rear wicker is taped into place, secure it to the the sideskirt as shown below.



Proceed to get every other bolt that interacts with your sideskirts tight.

Finally, tape the wickers to the body once again and let it sit there overnight or at least for a couple of hours.



You are now done, **enjoy** your Sideskirts.

Disclaimer: This product is for off-road use only, use and install at your own risk.