

## Miata Side Skirts Part No. 57107

### Installation Instructions

**Before you start the installation process, please read through the following steps thoroughly.**

Your Racing Beat components will require final sanding and possibly the application of a small amount of body filler to fully surface-finish the side skirts prior to painting. Always check product for fitment on the vehicle before painting, drilling or cutting. Improper installation may void your warranty. Parts which have been modified, prepped or painted cannot be returned, if you have questions or concerns contact Racing Beat before proceeding.

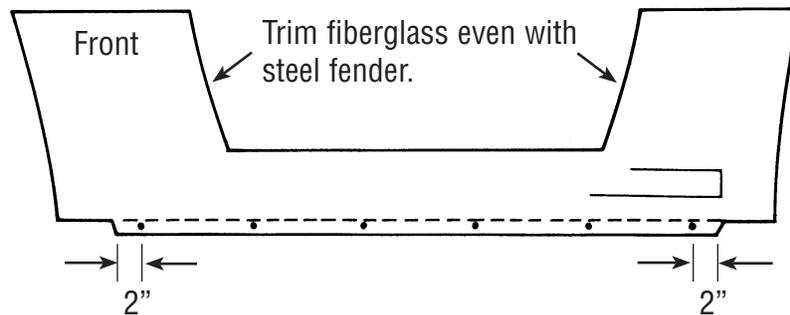
#### Installation Options:

A. Permanent Installation - For the optimum appearance and fitment this side skirt kit is intended to be permanently installed on the vehicle using automotive adhesive (3M Channel Bonding and Sidelite Adhesive or comparable), fasteners, and body filler. Painting to follow once installed. This process will produce an integrated and seamless appearance.

B. Tape Installation - This side skirt kit can be installed using the enclosed automotive tape and fasteners. Your fitted appearance depends strongly on your pre-installation preparation efforts. Variations in the hand-crafted fiberglass and Miata chassis REQUIRES a modest fitting preparation prior to installation for both appearance and successful adhesion.

#### Fitting and Painting Preparation

1. Remove the (2) 6mm bolts at the rear of both front fender openings which attach the inner fender shield.
2. Drill (6) evenly spaced 11/64" diameter holes in the lower flange of each fiberglass skirt (see drawing). Position the holes so that the screw heads will be as high as possible on the flange.



3. Place the parts into position with the doors open. Using files, sandpaper and/or grinders slowly remove fiberglass until the skirt edges fit as tight as possible into position (the parts usually "stick" in position when fitted). The rear edge of the fiberglass and the rear edge of the front fender should be even. (See area shown above)
4. Slowly close the doors, observing the clearances around them. Adjust as necessary by removing fiberglass to achieve necessary clearance (3/32" minimum).
5. With the panels held firmly in place (use tape or clamps if necessary) mark the positions of the (4) bolts previously removed onto the fiberglass. Now mark the (6) hole positions on the lower steel flange.

Remove the fairings. Drill the fiberglass in the (4) front fender positions using a 1/4" drill bit. Drill the steel flange in the (12) rocker flange positions using a 11/64" drill bit. Now re-drill (enlarge) the holes in the (12) rocker flange positions for clearance for the #10 screws using a 3/16" drill bit..

6. Follow the appropriate steps below:

We strongly suggest the assistance of another person for either step!

A. Permanent Installation - Use isopropyl alcohol to clean the bonding areas (see drawing). Follow the instructions for the adhesive that you are using, most 2-part adhesives have a short set-up time. Install the panels one at a time, making sure to align your pre-drill mounting holes. Hold them lightly in position for at least 20 minutes, retain with tape or clamps (lower edge) as necessary. Carefully remove any excess adhesive pushed out of the joints. Allow 24 hours to cure. Install the (12) sheet metal screws so that they are lightly snug but do not overtighten. Fill any irregularities in the joints with body filler. Paint the panels. Install the (4) screws in the front fender well panels.

B. Tape Installation - Paint the side skirts. Double-sided automotive tape provides an extremely strong bond when applied correctly. Successful bonding depends greatly on the pre-installation fitting effort required when trimming and fitting the fiberglass parts to the irregularities of your specific chassis. The adhesive tape must FULLY contact both the fiberglass skirt and chassis to form a secure bond, an incomplete effort may allow the joint to loosen and separate.

When satisfied with your preparation efforts, use isopropyl alcohol to clean the bonding areas on the skirt and chassis (see drawing). Apply the provide tape in the areas shown. Apply two (2) rows of tape on the mounting areas in the sections before and after the doors. Use your discretion as to whether you install tape along the long edge BETWEEN the doors. (Best appearance results for this edge are when using the Permanent Installation effort.)

Using an assistant, position each skirt into place, making sure to align your pre-drill mounting holes. The adhesive on the tape is extremely strong, once it makes contact with the chassis it will likely be very difficult to reposition or remove! Work slowly and carefully. Once in place, press firmly along all mounting surfaces to secure the bond. The bond will become even more secure over time as the adhesive cures. Install the (12) sheet metal screws so that they are lightly snug but do not overtighten. Install the (4) screws in the front fender well panels.

Final Note: It is import to occasionally monitor the contact points of your side skirt kit to ensure the bond with the chassis.

