

Dual Tip Cat Back Installation Instructions Fits: 1990-1997 Mazda Miata

PART # 900-492

Tools required:

- Floor jack
- Jack stands
- Hack saw or body saw
- Round file or die grinder and barrel sander
- Measuring tape
- Masking tape
- Felt tipped pen
- Ratchet
- 14mm & 17mm sockets
- 14mm & 17mm combination wrenches

These instructions were written using a 1999 Miata as a model; these same steps also apply to 1990-1997 Miatas with the included template. Examples of the 1990-1997 Miata bumper cut out are included at the end.

- 1) Jack up the rear of the vehicle and place it on jack stands. Always use jack stands to support the vehicle! Remove the exhaust system from behind the catalytic converter.
- 2) Use a measuring tape to precisely measure the factory exhaust cut out in the rear bumper fascia. Measure from the back corner of the wheel arch to both the outside corner of the exhaust cut out and the inside corner of the exhaust cut out. Record these measurements. You will want your new exhaust cut out to be in the exact same place except on the left side of the bumper fascia.



Illustration 2



Illustration 2 cont.

- 3) Use a felt tipped marker and the measurements you took in the previous step to mark the two corners of the exhaust cut out along the bottom edge on the left side of the fascia.



Illustration 3



Installation Instructions

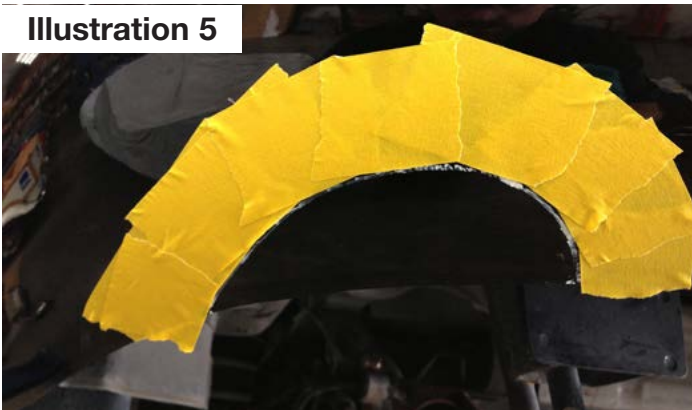
- 4) Cut the paper template from the back of these instructions. Tape the cut out to the fascia so that the corners of the template line up with the marks you made on the fascia in the previous step.

Illustration 4



- 5) Use masking tape to cover the fascia behind the paper template. This will protect the paint when you begin to cut and also give you a surface to draw on. Trace along the outside edge of the template to transfer the shape of the cut out onto the fascia.

Illustration 5



- 6) Remove the paper template from the fascia. Use a hack saw or a body saw to make the exhaust cut out. Use a round file or barrel sander to smooth the line and remove any sharp edges. Remove the masking tape once the cutting and filing is done.

Illustration 6



Illustration 6 cont.

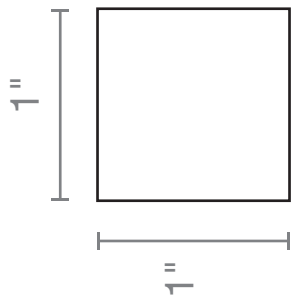


- 7) Install the new dual tipped muffler into the muffler hangers. Install the factory nuts to secure the muffler to the mid pipe. Use anti-size compound on the studs and nuts to keep them from rusting together.

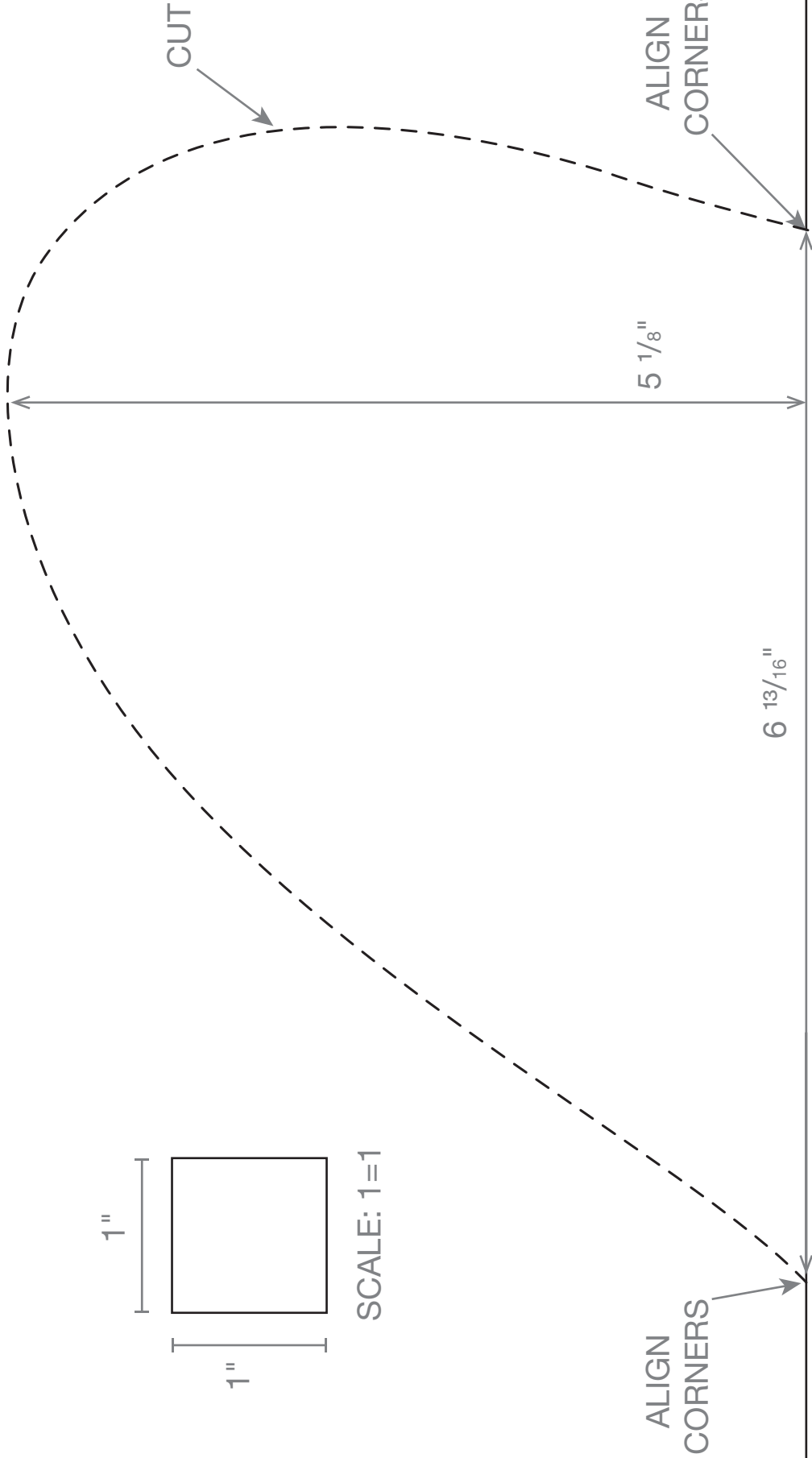


The left side exhaust tip is adjustable to fit inside the cut more exact. For most, the supplied exhaust band clamp will be enough to hold the tip in place. Once the tip is located correctly in the cut out you have the option of putting a few tack welds on for permanent placement. Any exhaust shop can do the job for minimal cost. Material is 201 stainless steel. Make sure you test drive the car to allow the muffler to settle into its natural resting position before welding the adjustable tip in place.

Enjoy your new Cobalt dual tip muffler!



SCALE: 1=1



ONCE PRINTED, INSURE MEASUREMENTS MATCH.