

# Wind Deflector

## Installation Instructions

### For: 1990-2005 Miata

#### Required Tools

- 10 & 13mm sockets
- Socket drive
- Mini flat blade screwdriver
- #2 Phillips screwdrivers
- 13mm combination wrench
- 5mm Allen wrench

#### Installation

- 1) Lower the convertible top on your vehicle.
- 2) On each side of the package tray area behind the seats, find the vertical walls near the top mount of the seat belts. Remove whatever hardware your vehicle has in the holes pictured. You may need a 10mm socket and drive, Phillips screw driver or mini flat screw driver to remove plastic push-in style fasteners.

If your car has the factory wind blocker just behind the seats, it will be necessary to permanently remove it prior to installation of the Cobalt Wind Deflector. Remove the bolt using a 10mm socket and set it aside- it will be re-used in a minute. Remove the Phillips head screw and set it aside (it will not be reused). Lift the wind blocker out and set it aside.

***It cannot be installed with the Cobalt Wind Deflector.***



**Illustration 2**



# Installation Instructions

- 3) Find the 2 mounting brackets supplied in the kit. Position the mounting bracket over the holes in the package tray side walls. Find the bolts you removed earlier and reinstall them in the threaded holes. Find the self-threading (self tapping) bolts supplied in the kit. Slide a washer onto the bolt. Using a 13 mm socket, install the bolt in the hole where the plastic fastener was. **This hole is not threaded, which is why we are using this type of bolt.**



Illustration 3

- 4) Unfold the mounting pins on the Wind Deflector and insert them into mounting brackets. Push the pins into the brackets until pins bottom out against the brackets. **The pins will be held in place by the spring-loaded clips located inside the mounting brackets.**



Illustration 4

- 5) Secure the skirt of the Wind Deflector by fastening the skirt snaps to the corresponding snaps on the rear parcel shelf. **There are five snaps on the shelf; the Wind Blocker only uses two.** The snaps are accessible from the rear for use with a tonneau cover or top boot.



Illustration 5

- 6) Before you drive the car, it may be necessary to adjust the tension on the pivot bolt and to set the angle of the wind blocker with the adjustment arm. You will need a 13 mm wrench for the nut and a 5 mm Allen wrench for the Allen head bolt. It needs to be tight enough to hold its position and loose enough so you can still fold it down with your hand placed on the top frame of the wind deflector. Tighten the pivot bolt to the point where you can still move the deflector with your hand, but there is some resistance. **In the next step we will explain the operation of the adjustment arm.**

- 7) The wind deflector would not hold its position when driving, with just the pivot bolt and the nut. This is where the adjustment arm comes in. The adjustment assembly consists of the adjustment arm shown in Red. The wing nut Shown in Green. To adjust the position of the wind deflector, loosen the wing nut and raise the adjustment arm. Find the position that you want and allow the adjustment arm to drop into one of the slots. Once it is positioned correctly, tighten the wing nut until there is no play in the linkage. With the wing nut engaged, the wind deflector will stay where you set it. The Wind Deflector is now installed.

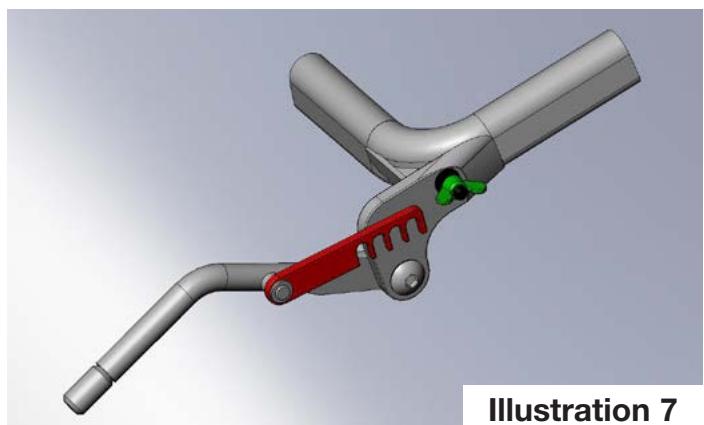
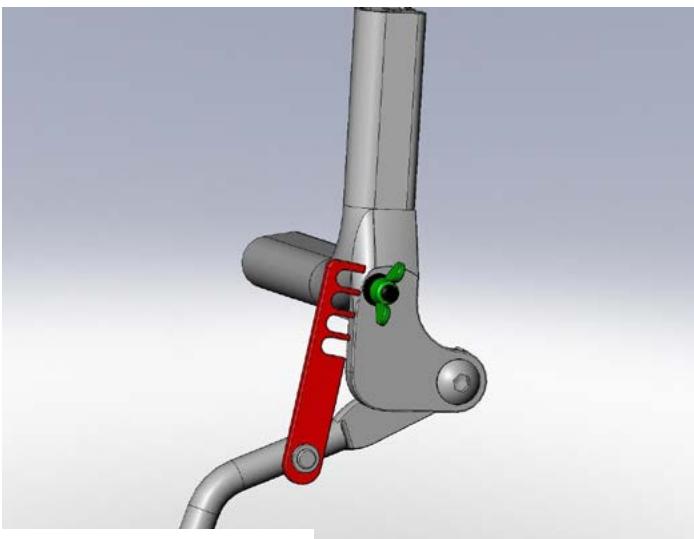
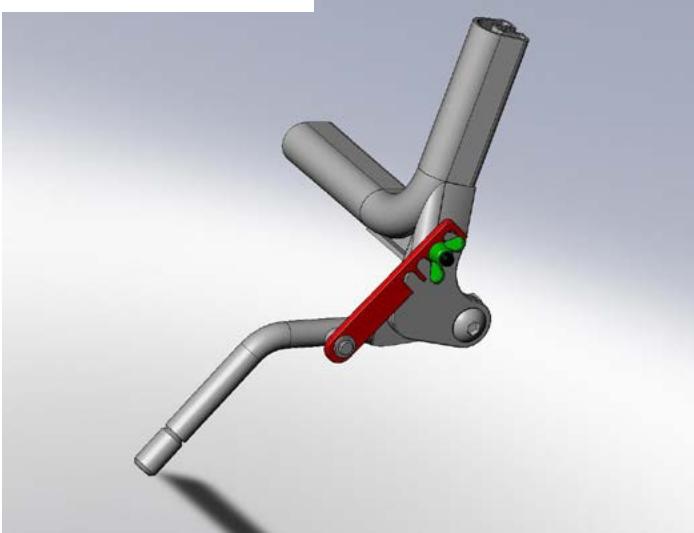


Illustration 7



**Illustration 7 cont.**



- 8) For top up driving, it is necessary to remove the wind deflector. To remove the wind deflector:
  - a) Unsnap the skirt
  - b) Pull the pins out of the mounting brackets and remove the wind deflector
  - c) Loosen the wing nut, fold up the adjustment arm out of the way and retighten the wing nut.
  - d) Fold the mounting pins up, and place the wind deflector in its protective bag. Store the wind deflector in your trunk.