

Rick's

SIGNATURE ACCESSORIES

Windscreen Installation

Tools and parts needed:

- ❑ Small watchmaker's screwdriver or other small screwdriver
- ❑ Duct tape
- ❑ Several old credit cards
- ❑ One inch wide putty knife, blade covered with duct tape to prevent marring of the windscreen plastic
- ❑ Medium size Phillips screwdriver
- ❑ Tube of Goop outdoor brand adhesive
- ❑ Super glue (any high quality super glue will do)
- ❑ Any brand Super glue accelerator

Note: The satisfactory performance and durability of the windscreen is wholly dependant on the integrity of the mechanism and the quality of the installation. We can not be responsible for problems resulting from faulty installation.

Follow the instructions carefully and work slowly and cautiously. Do not exert excessive force on any part of the mechanism or the screen -- they are plastic and may break.

Note: Your windscreen shipped with a protective paper/film covering on both sides. To protect it from scratches, leave the covering on until you are ready to mount the screen on the mechanism.

1. Remove the stock aero screen mechanism from your car. Start by prying loose the two small gray plastic tabs on the top of the mechanism on the side toward the rear of the car. Use a small screwdriver. To protect the tabs from scratches or digs, wrap the screwdriver tip with a single layer of electrical tape. When the tabs are removed, you'll see a machine screw with a Phillips head in each of the two holes. Loosen the screws with a Phillips screwdriver until the windscreen assembly detaches from the compartment cover. Save any loose parts. If the screen assembly does not come loose, proceed to step 2,. If it does, skip step 2.
2. Lift up the compartment cover. Underneath, you'll find two small nuts that attach the windscreen mechanism to the compartment. Using a socket in a small socket wrench or driver, remove the nuts. You may have to use the Phillips screwdriver on the top side of the machine screws to keep the screws from spinning as you turn the nuts loose. Once the screws are loose, detach the windscreen mechanism from the compartment cover. Save any loose parts.

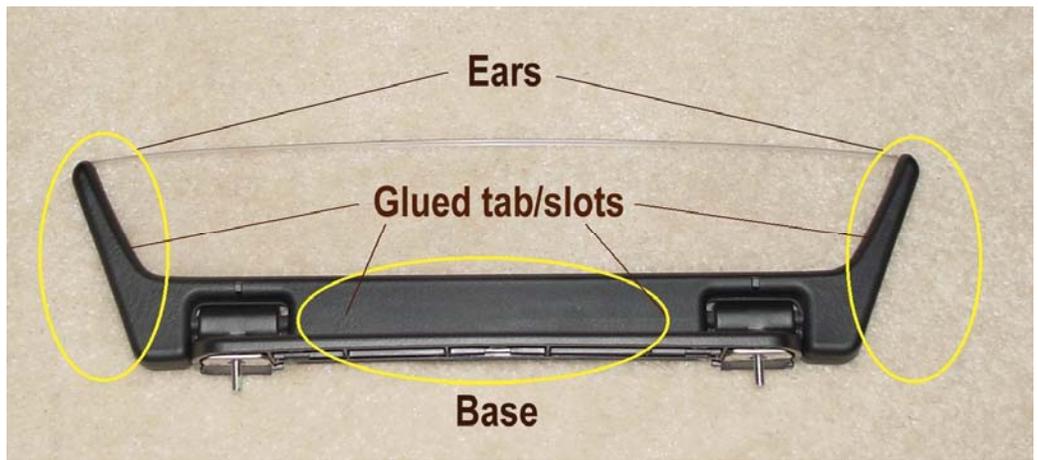


3. Take the mechanism to a work bench or other flat work space. Cover the workspace with a shop towel or other soft surface to keep the mechanism from being scratched while you work on it.

4. Study the mechanism assembly for a minute. You'll notice that it consists of two gray plastic pieces, with the clear plastic screen "clam shelled" between them. You can't see this, but the two pieces mount together with four plastic tabs that slip into four plastic slots on the inside of the mechanism. The tabs are glued into the slots with some kind of pliable glue. Two tabs are located in the base of the mechanism and one is located in each of the "ears" on the sides of the mechanism. The picture to the right shows where these are located. Also please note the locations of the interior tabs where the two gray pieces clam shelled around the clear plastic are glued together.

5. If you want to protect the stock clear windscreen from scratches and damage, use masking or duct tape to line both sides at least an inch back from the edge of the mechanism. If you're not concerned about damaging the stock windscreen, you can skip this step.

6. Begin disassembly by prying the right and left ears apart. First, slip a credit card or tape-wrapped putty knife between the gray plastic mechanism and the clear windscreen piece at the top of each ear, and begin prying them apart. Work slowly and carefully. If the card doesn't provide enough leverage, use the tape-wrapped putty knife. Work down the outside seam of both ears until they become loose and you can easily spread them apart. When you let them go, they may spring back together, but don't worry. Once they're loosened, they're easy to pull apart again.



7. Now that the ears are loose, begin prying the base apart. To do this, pull the ears apart as far as you can, and try to create a small gap in the base that you can slip the tape-wrapped putty knife into. Working from both sides toward the middle, use the tape-wrapped putty knife to slowly pry the seam apart. Keep prying along the base until the pieces come loose. Work a little bit at a time. Eventually you'll be able to separate them. If the pieces resist separation, slip the knife into a gap from the other side, between the clear windscreen piece and the gray pieces, and pry from there. Usually, the best leverage will come from the outside of the mechanism, and to avoid marring the stock plastic windscreen, you should try to pry from the outside.



8. With the pieces apart, remove the three screws that hold the windscreen to the mechanism. Place the screws in a safe place for use in reassembling the mechanism. Then clean all of the old glue out of the four slots and matching tabs. Use a watchmakers screwdriver and needle nose pliers to do this



9. Now, remove the protective paper/film covering from both sides of the new windscreen by peeling it back slowly from a corner. **Place a dab of Goop on each of the screw holes.** Then place the new screen on the mechanism, aligning it carefully with the mounting holes and slots. Using the three screws you removed earlier, attach the new screen to the mechanism. If your screen has a logo, be sure the logo faces the rear so that it can be read from behind the car. Tighten the screws very firmly, but do not over tighten (you'll strip the plastic threads or crack the screen).



10. Now take the Goop (available at Home Depot or any hardware or housewares store) and place a generous dab on each of the slots into which the tabs on the opposite side of the mechanism fit. Also place a thin thread of of superglue around the perimeter of each ear all the way down to the base and around the bottom corners to the hinge. Be careful not to



get any of these glues on the screen. Wipe them off immediately if you do. This gluing is critical to the integrity and durability of the of the mechanism and screen, so be sure to do the job right to ensure that the mechanism is solidly glued together.

11. Next, align the tabs on one piece with the slots on the other and press the two pieces of the mechanism together, making sure that they are pushed tightly together. Immediately clamp the ears, then clamp the base and make sure both sides are clamped tightly together. I recommend using padded spring clamps (about \$2 each at Home Depot and great for many other uses around the workshop) of the kind in the picture to the right to hold the mechanism tightly together while the glues cure. Other kinds of clamps will do, but make sure you pad them or the screen mechanism to protect it from marring. **Immediately after clamping, spray some superglue accelerator around the edges of the ears where you applied the superglue. This will cure the glue instantly.**



12. Let the glued and clamped assembly cure for at least 24 hours, then remount the screen to the car, following the first part of these directions in reverse. When you remount the screen mechanism on the car, apply the anti-vibration bumpers supplied with the screen, following the separate instructions included.

Enjoy your new screen. Some final cautions:

If you have ordered the full height screen, remember to place your hand or fingers over the top of the screen when you fold it back with the top up. Your hand/fingers provide a buffer to protect the plastic window from rubbing against the screen as you fold it back. If you've ordered the 7/8s screen, it can be folded back without rubbing against the rear window.

Please remember that the convertible top cannot be raised or lowered with the screen folded back. In other words, the screen must be in the full, upright position before you raise or lower the top. If it is not, you risk damaging the convertible top, the rear plastic window, and the screen. I cannot be responsible for any damage to your top, window, or the screen itself if you fail to heed this warning. So make a mental note to check the windscreen position every time you raise or lower the top. My procedure is simple: when you pull the handbrake up to begin the lowering or raising procedure, check to see that the screen is fully upright.

