

C&C CarWorx Corp. 400 Market Ind. Park • #19 Wappingers Falls, NY 12590 • USA 1-888-CAR-WORX (227-9679)

## TIPS FOR SUCCESSFUL WINDOW VISOR • RAIN GUARD INSTALLATIONS



### IMPORTANT!

Window Visors cannot be returned due to a failed installation attempt if tape liner is removed.

Please check fitment before beginning the installation.

If you have questions on how to install, please contact us at [info@mycarworx.com](mailto:info@mycarworx.com) or call us toll-free at 1-888-CAR-WORX (227-9679).

### Helpful General Information to Read Before Installing

#### ALSO READ THE FOLLOWING PAGES FOR MORE IMPORTANT DETAILS!

C&C CarWorx's Perfect-Fit® window visor rain guards are custom manufactured to precisely fit a variety of models and years of Subaru® and Toyota® vehicles. They are installed using supplied **3M**® Automotive Attachment Tape, the same type of tape used to install body side moldings. It is not made to be easily removed.

Many tape failures are caused by trying to install the part in the wrong location. This causes stress on the tape where the part is stretched or bent to make up for improper positioning. The other most common reason for failure is contamination from fingers touching the tape or vehicle after cleaning. If wax, grease, silicone or paint sealer are not completely cleaned off the vehicle, tape failure will occur.

#### IF YOUR INSTALLATION FAILS

To successfully remove the failed visor as well as most, if not all, of the tape used in the installation, tie a series of little knots onto a heavy-gauge fishing line to act as a kind of "sawtooth floss" whose friction back and forth can loosen the bonded materials. After removing the failed visor installation and cleaning the area with a wax and grease remover, use clean paper towels and rubbing alcohol to finish cleaning the area on which the new set of visors will be installed. Use the paper towel to wipe a small area and discard it. Do not fold it, or wipe a large area with it as this will only smudge contaminants on the vehicle and cause another tape bond failure. Do not wash the vehicle for at least 72 hours after your re-installation, and make sure you use a towel to press down the tape to the vehicle. Press only on the tape area. If you press hard on the visor, you can crack it.

The information contained in this document is meant as helpful guidance only and is subject to change without notice. You are welcome to call, write or email us for more information at any time. Thank you for your interest in our products. This document was published 05/15/14.

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# HOW TO INSTALL 2-PIECE SIDE WINDOW VISOR RAIN GUARD DEFLECTORS ON SUBARU® AND TOYOTA®

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION



## QUESTIONS?

Call  
1-888-CAR-WORX  
(227-9679)



**BEFORE YOU BEGIN:** Thoroughly wash your vehicle. If you believe your vehicle has a paint sealant applied to it, you will need to use a wax and grease remover to thoroughly clean the area where the tape will adhere. The double-sided tape supplied on the window visors adheres and cures best at temperatures above 65 degrees (F). If the deflector is being fitted below 65 degrees, it is advisable to warm the contact area of the vehicle as well as the tape supplied on the deflector using a hot air gun or hair dryer. The only tool recommended is a common box cutter. The only materials needed are a couple of clean rags, a bottle of rubbing alcohol and masking tape.

**1)** Thoroughly clean the visor contact area with the alcohol pads provided. If the alcohol pads still show dirt residue, further clean the area with clean rags and rubbing alcohol.



**IMPORTANT:** The area where the tape adheres must be clean and dry, and should not be touched after cleaning. Clean one side of the vehicle at a time. – continued on reverse –

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**2)** Make certain that all the windows are completely up before you start. Then line up the back of the visor\* with the back of the rear door window and trial fit the deflector using masking tape to hold the deflector in position without removing the liner from the double-sided tape which is supplied on the deflector.

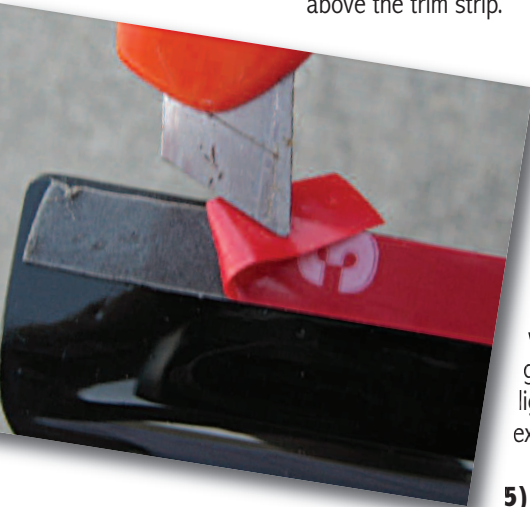
**\*IMPORTANT:** For proper fit of the Forester 2003-2008 visor

#WV-03F-T, start by lining up the front of the visor with the front door window near the sideview mirror and work backward.

Check that the top edge of the visor follows the contour and slope of the door and roofline. Check that the top of the door windows do not hit the visor when you open the doors! Make sure the visor is aligned so that when its tape is exposed it will contact the roof surface just above the trim strip.



**3)** Peel back a 1-2 inch section of the liner from the double-sided tape at each end of the visor, and fold it over toward the top of the visor so you can pull it to expose the tape which will bond the visor to the car. Do not touch the exposed tape with your fingers. Do not allow the tape to become contaminated with any dirt or foreign substance.



**4)** At the front end of the visor at the top of the mirror, lightly press the small portion of exposed tape against the windshield pillar to hold it in place. Then go to the rear section of the visor and lightly press the small section of the rear exposed tape to the vehicle.

**5)** Return to the front end of the visor and slowly pull the tape liner up and to the rear, removing your masking tape ahead of you as you go. When the tape liner has been completely removed, using a soft cloth, apply pressure along the entire length of the visor's tape edge to adhere it to the vehicle. Press only on the tape area. If you press hard on the visor, you can crack it. Repeat the procedure on the opposite side of the vehicle.



**6)** Your installation requires adequate time to cure. Do not wash the vehicle for 72 hours after installation has been completed. Rain will not affect the installation after 3 hours.

### CLEANING INSTRUCTIONS

After allowing your installation to cure for at least 72 hours, wash with warm water and mild soap solution using a soft, clean cloth or sponge. Avoid using cleaners not approved for acrylic, including improper solvents, which could result in permanent damage and nullify coverage by the 3-year/36,000 mile warranty. These window visor rain guard wind deflectors are made of breakage-resistant material, but to avoid damage, machine car washes are not recommended.

The information contained in this document is meant as helpful guidance only and is subject to change without notice. You are welcome to call, write or email us for more information at any time. Thank you for your interest in our products. This document was published 05/15/14.

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# Repair Procedures for Pressure-Sensitive Trim Using 3M™ Automotive Attachment Tapes

Technical Update

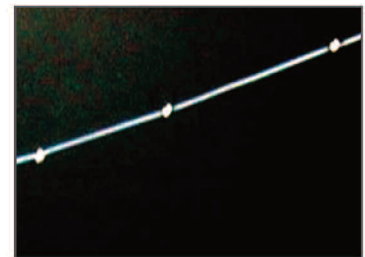
January 2006

Supersedes Technical Update dated December 2003

This technical update outlines the recommended procedures for repairing pressure-sensitive body side moldings (BSMs) and trim attached with both black 3M™ Automotive Acrylic Plus Tapes and gray 3M™ Automotive Acrylic Attachment Tapes. The following procedures offer specifics on removal and re-application of BSMs and trim.

## Remove the Body Side Molding (BSM) or Trim from the Vehicle

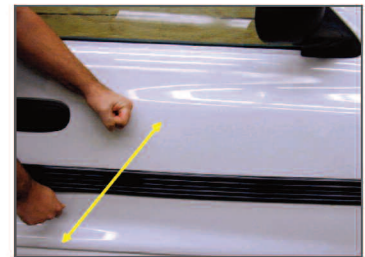
1. Use a piece of monofilament line and make several knots spaced about 1 inch apart.
2. Use the knotted monofilament to saw through the tape and remove the trim without damaging it or the vehicle surface. (Use of gloves recommended.)



Step 1

## Remove the Tape/Residue from the Vehicle

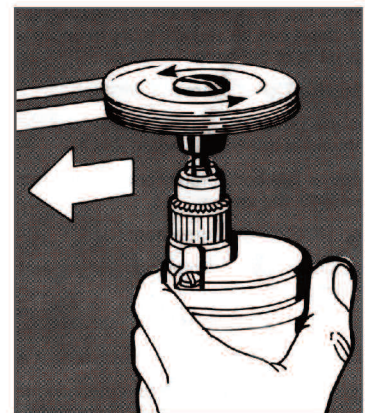
3. All tape/residue must be completely removed from the vehicle surface. Use a 3M™ Stripe-Off Wheel (Part Nos. 07498 or 07499, which are solid wheels) to remove the tape/residue without damaging the vehicle surface.
4. The following technique is necessary for the removal wheel to work with the black 3M™ Acrylic Plus Tapes: The wheel must rotate clockwise and be applied to the tape from right to left. Or, the wheel must be rotating into the tape to remove it without smearing.
5. After removal of the tape/residue with the wheel, use 3M™ Prep Solvent-70 (Part No. 08973) as a cleaning wipe. Then wipe with isopropyl (rubbing) alcohol and dry with a clean, lint-free cloth.



Step 2

## Remove the Tape/Residue from the BSM/Trim

6. All tape/residue must also be removed from the BSM/trim.
7. This can be accomplished with the 3M Stripe-Off Wheel, using caution not to gouge the backside of BSM/trim.
9. Or, the BSM/trim can be placed in a suitable container and 3M™ Citrus Base Cleaner (3M ID No. 62-4615-4930-5) sprayed to saturate the tape on the part. Allow the BSM/trim to soak in the 3M Citrus Base Cleaner for 12-24 hours with the tape side down in the cleaner. Then use a plastic squeegee to remove the softened tape/residue.
9. Clean off any remaining residue with the 3M Citrus Base Cleaner by scrubbing with a cloth and wipe with isopropyl (rubbing) alcohol. Dry with a clean, lint-free cloth.
10. Other solvents, such as 3M™ General Purpose Adhesive Cleaner (Part No. 08984) or 3M Prep Solvent-70 (Part No. 08973) can be used to clean the tape/residue from the BSM/trim, but caution must be used to assure they do not attack or mar the parts.



Step 4

Apply Adhesion Promoter to BSM/Trim

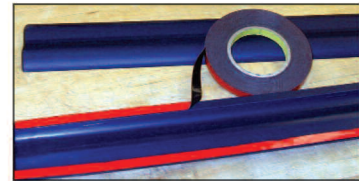
11. Prime the BSM/trim with 3M™ Automotive Adhesion Promoter (Part No. 06396) in the areas the tape will be applied.
12. Be careful not to drip or spill the primer on the BSM/trim face as it may craze or damage the finish.
13. The use of the 3M™ Automotive Adhesion Promoter (Part No. 06396) will assure an optimum bond due to the widespread use of low surface energy plastics by the automotive industry.



Step 11

Apply 3M™ Automotive Acrylic Plus Tape to BSM/Trim

14. Apply the 3M™ Automotive Attachment Tape to the BSM/trim, being careful not to entrap air between the part and tape.
15. Use a hard rubber roller or firm hand pressure to securely bond the tape to the BSM/trim.
16. Keep all contaminants (fingers, gloves, cloths, etc.) off the adhesive surface of the tape while applying it. Store the BSM/trim with the new tape applied in a clean area until it is re-applied to the vehicle.



Step 14



Step 15

Re-Apply the BSM/Trim to the Vehicle

17. Apply BSM/trim to a clean, dry vehicle (as previously described).
18. Application temperatures below 60°F should be avoided. It is important that the vehicle not have any condensation on it (i.e., a cold vehicle moved into a warm shop). If necessary, warm the vehicle surface with a heat gun to obtain the recommended vehicle surface application temperature of 60°F to 110°F.
19. Apply BSM/trim with a rolling motion and with firm pressure to assure maximum tape contact with the vehicle, resulting in greater adhesion.
20. Use a hard rubber hand roller to roll the BSM/trim on the vehicle. Apply firm pressure while rolling to ensure complete adhesive wet-out and a good bond.
21. Check the edges of the BSM/trim to verify good tape adhesion. Re-roll the BSM/trim with more pressure if necessary.

Important Precautions and Recommendations

- DO NOT...
- Touch or contaminate the exposed adhesive surface of the tape.
  - Let the tape sit around with the adhesive surface exposed.
  - Apply the new tape over the old tape or tape residue.
  - Use an adhesion promoter on the painted surface of the vehicle.
- DO...
- Use recommended 3M products for repair of all automotive BSMs and trim.
  - Read and follow safety precautions on the product label and MSDS for each product used in this procedure.

**3M™ Automotive Adhesion Promoter 06396 is recommended for tape bonding to all plastic substrates. Please contact your 3M sales representative with application or performance questions.**

**Note:** All statements, technical information and recommendations herein are based on tests 3M believes are reliable. 3M does not warrant or guarantee the accuracy or completeness of this information.

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