



Installation Instructions

Ford Expedition - Part #06801

INTRODUCTION

This HuskyShield product is a Clear Overlay Paint Protection (COPP) system. Each HuskyShield "Kit" is comprised of a clear protective film with a self adhesive back. The kit is computer cut to fit your vehicle and designed to guard it's finish against damage from flying road debris. It will provide this protection unobtrusively without obscuring your vehicle's appearance.

KIT SHADOW SHEET

The graphic below is a "Shadow Sheet" showing the position and shape of your HuskyShield kit. Use this to assist you in identifying the various pieces during installation.



TOOLS & SUPPLIES

Supplied with your installation kit (Part #07999): (sold separately)

- A. Application Card (Part #07998)
- B. Installation Solution (Part #07997)
(2 provided, only 1 needed per installation)
- C. Spray Bottle (Part #07996)
- D. Surface Prep Putty (Part #07995)



Supplied by you:

- Bathroom Scale (optional - to assist in applying proper pressure)
- Blow Dryer
- Quality Paper Towels, Lint Free Cloth or Chamois
- Sharp Scissors

PRE-INSTALLATION PREPARATIONS

- 1) Verify that you have the correct "Kit" and contents for the specific vehicle on which the COPP will be installed. If not, please contact Husky Liners at 800-344-8759.
- 2) Read all instructions in their entirety before beginning installation.
- 3) Verify that you have the necessary tools and supplies.
- 4) Your installation environment should be free of air born dust & debris and offer good lighting. A well lit garage with the doors closed would be a good choice.
- 5) Vehicle should be completely washed prior to installation.
- 6) You may wish to have a scale on hand to "get a feel" of how much pressure to apply when directed in the instructions.

ADVISORY NOTES

- 1) The COPP photographs included herein have had the edges enhanced for visibility in the instructions. Your COPP edges will be clear.
- 2) Allow up to an hour for installation of this kit.
- 3) Always keep your hands wet when handling the COPP.

DEFINITIONS

Adhesive Side - the side of the COPP that is applied to the vehicle surface.

Bubbles - Either excess water, solution or air that becomes trapped between the COPP and vehicle surface.

Dips - Indented areas in the contour of the vehicle surface.

Fingers - A raised area or "bunching" of COPP that resists staying down on the vehicle's surface due to the vehicle's contour (usually on a Hump) due to an abundance of COPP.

Gaps - A raised area of "taught" COPP that resists staying down on the vehicle's surface due to the vehicle's contour (usually in a Dip) due to an insufficiency of COPP.

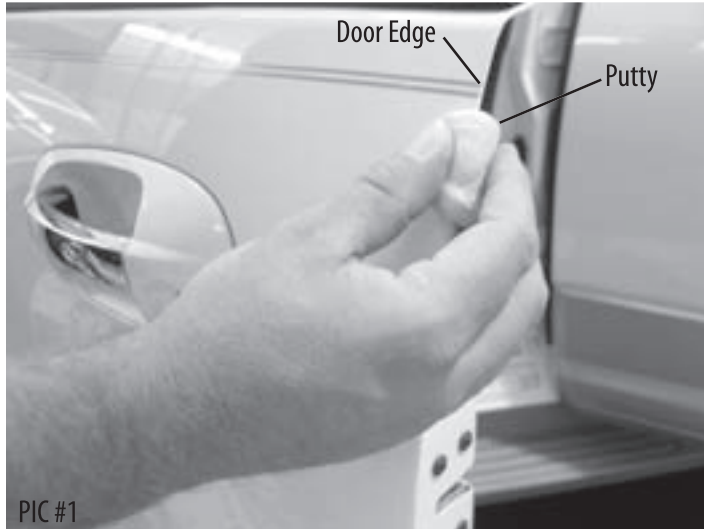
Humps - Raised areas in the contour of the vehicle surface.

Tack - When you squeegee a small area of the COPP so that the adhesive side of the COPP is adhered to the vehicle surface thus preventing it from moving.

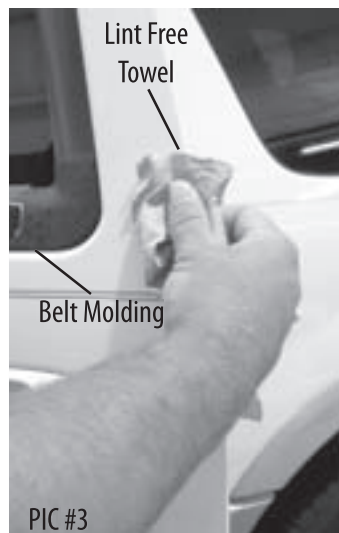
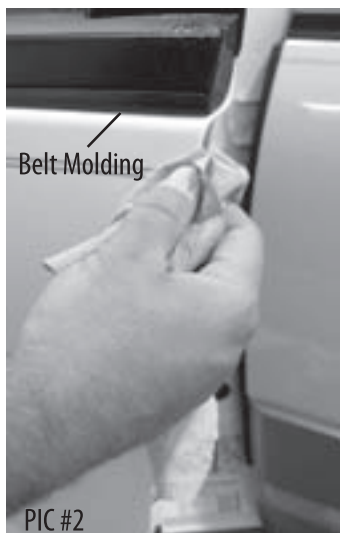
DOOR EDGE GUARD INSTALLATION

1) Prep vehicle:

- a. The 32 oz. Spray Bottle should be filled to the base of the neck with clear water. The door edge guards are easier to install with clear water. The solution will be added when installing the hood. (Note: Distilled water is recommended but not required depending upon the existence of contaminants in your local water supply.)
- b. Using clear water, liberally spray both the outside & inside edge of the door.

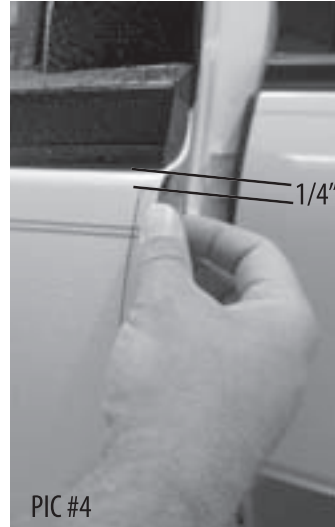


- c. Scrub the wet surface with the SURFACE PREP PUTTY provided as if you were cleaning the edge with a cleaning towel. (PIC #1) When using the surface prep putty ALWAYS keep the surface of the vehicle wet. If used dry the putty will be sticky and not perform as intended. (Note: Recommended cleaning time is approx. 1 minute.)
- d. Cleaning should be concentrated up to or approximately 1" above the lower outside belt molding of the door and continue down the door edge until the entire door edge has been

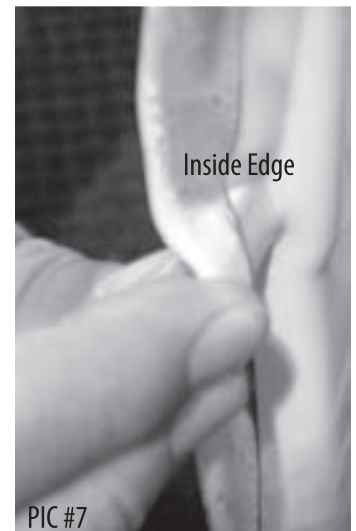
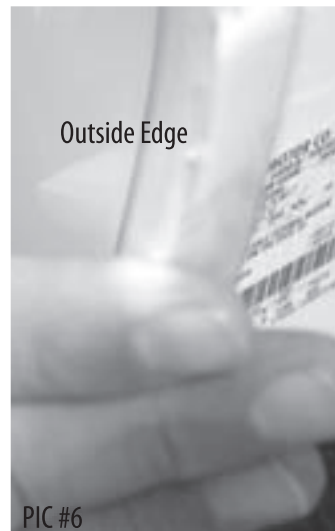


cleaned.

- e. Wipe away ALL residue left from the Surface Prep Putty with a clean, lint-free towel. (PIC #2 & #3)
- ### 2) Door Edge Guard Installation:
- a. Spray the edge of the door liberally with clear water prior to applying the COPP. (IMPORTANT: THE DOOR & COPP MUST REMAIN WET FOR EASE OF MOVEMENT WHILE PLACING THE COPP.)

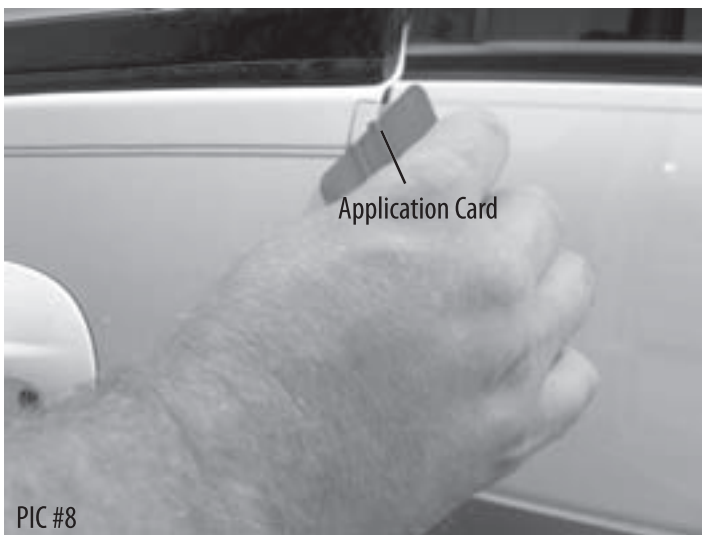


- b. Using wet fingers, peel the door edge guard COPP from the liner while spraying the adhesive side of the guard with clear water.
- c. Position the top of the door edge guard approximately 1/4" below the molding as shown. (PIC #4 & #5) Apply one-half of the width of the COPP (approximately 7/16") on the outside



door surface with 5 - 7 lbs of pressure using the thumb and forefinger.

- d. Starting at middle, place thumb and forefinger and wrap excess COPP around door edge. (PIC #6 & 7) When properly done the COPP will seal around the door edge.



PIC #8



PIC #9

- e. Continue to wrap COPP with fingertips around edge of door downward to bottom of COPP.
- f. Use the Application Card with 5 - 7 lbs of pressure to work out ALL air bubbles and excess water that may be trapped between the COPP and painted surface. (PIC #8) Work from the outside edge of the door inward towards the outer edge of COPP. (PIC



PIC #10



PIC #11

#9) Continue using overlapping strokes as you move downward towards the bottom of the door. When properly applied, COPP will seal around the door edge.

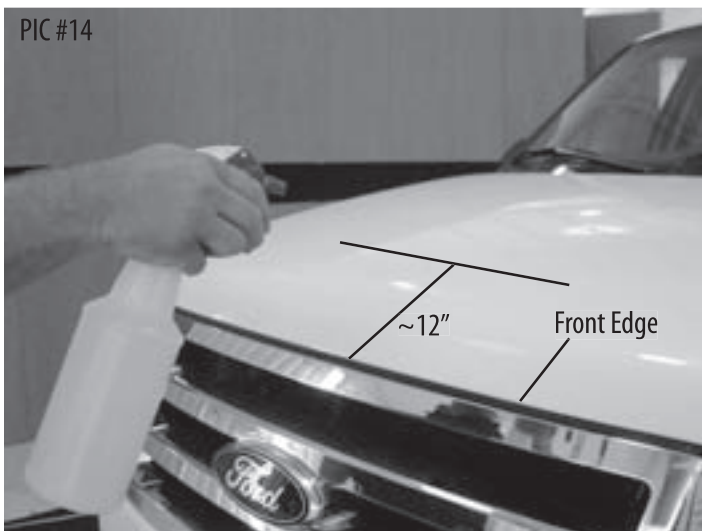
- g. Repeat Steps "c" through "f" EXCEPT move from the middle upward.
- 3) Alternative Door Edge Guard Installation: (When door molding and/or indentation is present you may prefer to use this alternate installation method.)
- a. Follow steps "a" through "b" directed in the previous section.
 - b. Position the top of the door edge guard approximately 1/4" below the molding as shown. (PIC #4 & #5) Apply one-half of the width of the COPP (approximately 7/16") on the outside door surface with 5 - 7 lbs of pressure using the thumb and forefinger. Stop just above the molding or indentation.
 - c. Using sharp scissors snip the COPP approximately 1/4" above the door molding or indentation. Save the remainder of the COPP for installation below. (PIC #10 & #11)
 - d. Position the remainder of the COPP approximately 1/4" below the molding or indentation. Apply COPP to the outside of the door and snip with scissors 1/4" above the bottom of the door and discard the left-over COPP.
 - e. Continue to wrap both upper and lower COPP with fingertips around edge of door. (PIC # 6 & #7)
 - f. Start with the top COPP and use the Application Card with 5 - 7 lbs of pressure to work out ALL air bubbles and excess water that may be trapped between the COPP and painted surface. (PIC #8) Work from the outside edge of the door inward towards the outer edge of COPP. (PIC #9) Continue using overlapping strokes as you move downward towards the molding taking care not to stretch the COPP. When properly applied, COPP will seal around the door edge.
 - g. Repeat Step "f" from the bottom of the door upward towards the molding or indentation taking care not to stretch the COPP. When properly applied, COPP will seal around the door edge.

HOOD COPP INSTALLATION

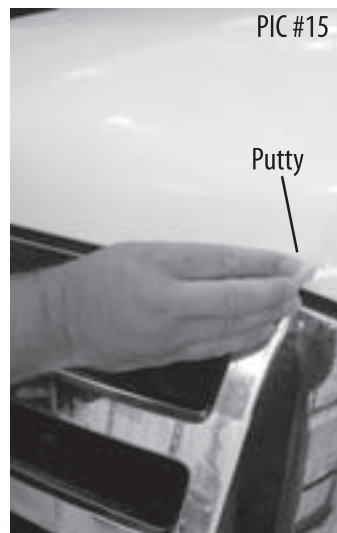
- 1) Preparing the vehicle hood installation surface:
 - a. Add the full contents of the provided installation solution to the remaining contents of the 32 oz. spray bottle provided in the kit. (PIC #13) This should bring the contents of the spray bottle to the base of the neck of the bottle... if not, additional clear or distilled water may be added to achieve this level of solution.



- b. Shake contents for 5 – 10 seconds until well mixed.
 - c. Liberally spray from the front edge of the hood with the mixed solution approximately 12" up the hood from side to side. (PIC #14) Focusing on edges, humps and dips on the hood.



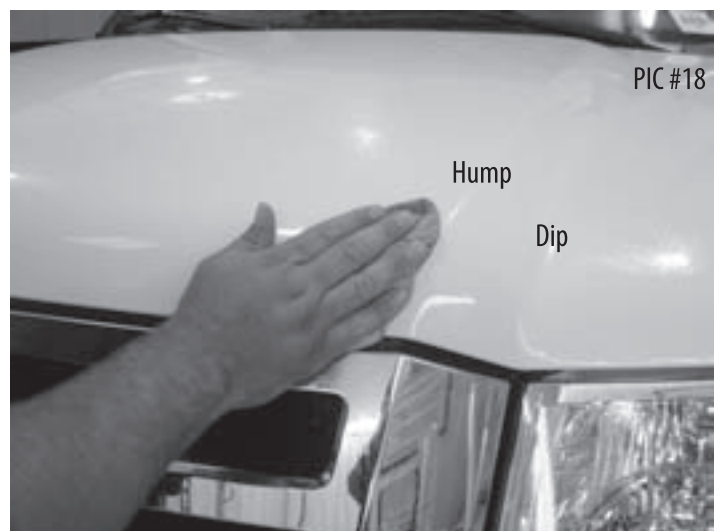
- d. (IMPORTANT: SURFACE PREP PUTTY SHOULD NEVER BE USED ON A DRY SURFACE.) Beginning at the front edge of the hood, use the surface prep putty to scrub the entire front edge (~12") of the hood for approximately 2 -3 minutes. (PIC #15 & #16) Focus extra attention to the humps & dips. (PIC #18) Make sure to remove ALL bug remains, road tar, bird excrement, etc. (PIC



#17) (Note: ANYTHING left on the surface will be encapsulated between the COPP and the painted surface for as long as the material is on the vehicle.)

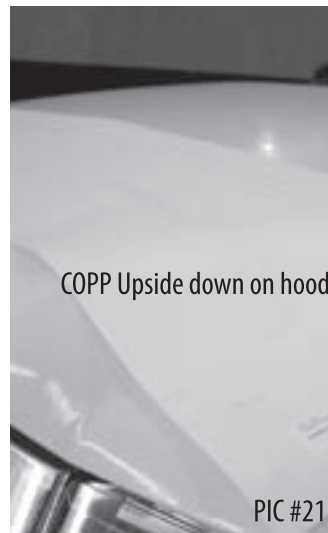


- e. Using a LINT FREE cloth remove any residual solution and/or Surface Prep Putty residue from the surface. (PIC #18) (Note: The COPP will not cover this entire cleaned area of the hood.)

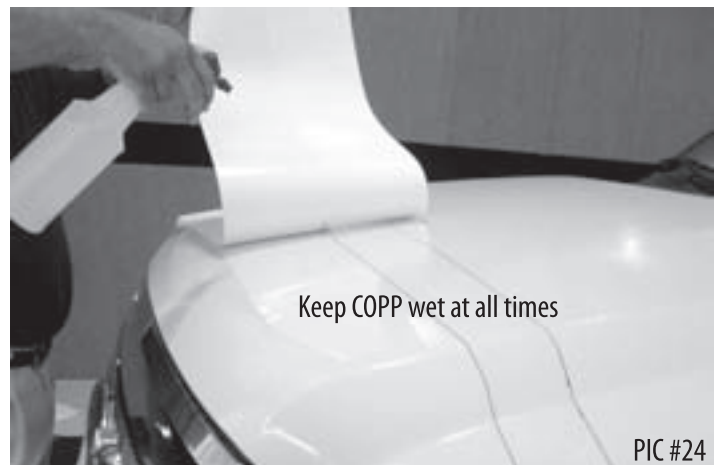
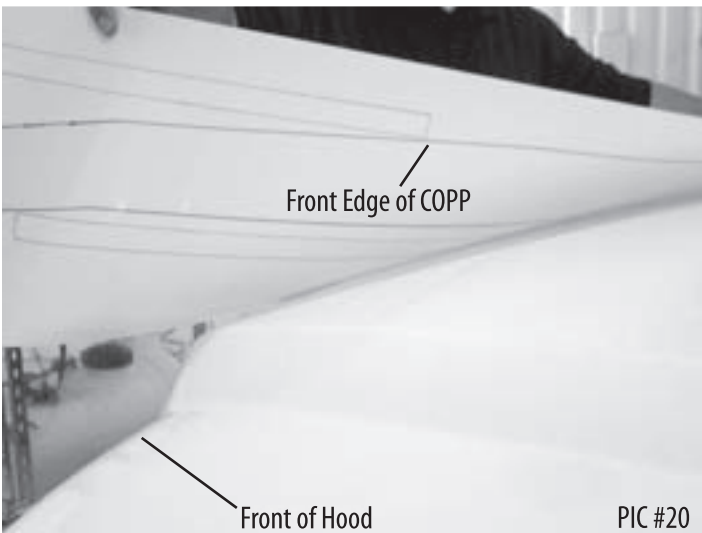


2) Preparing Hood COPP for Installation:

- a. Beginning at the front edge of the hood, lightly spray the hood surface approximately 12" up from the front edge and/or your furthest reach in front of the vehicle. (PIC #19)



- b. While wet, place the COPP FACE DOWN on the hood of the vehicle with the front edge of the COPP away from you. (PIC #20) The protective backing will be on top (PIC #21) and the COPP will be touching the hood (PIC #22)



3) Separating the COPP from the protective backing:

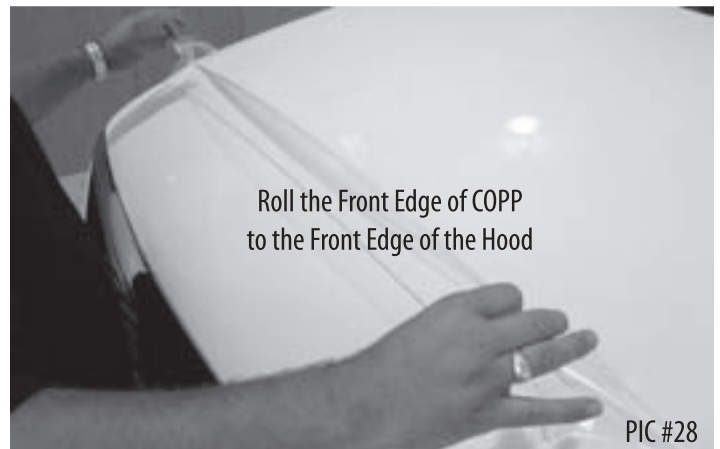
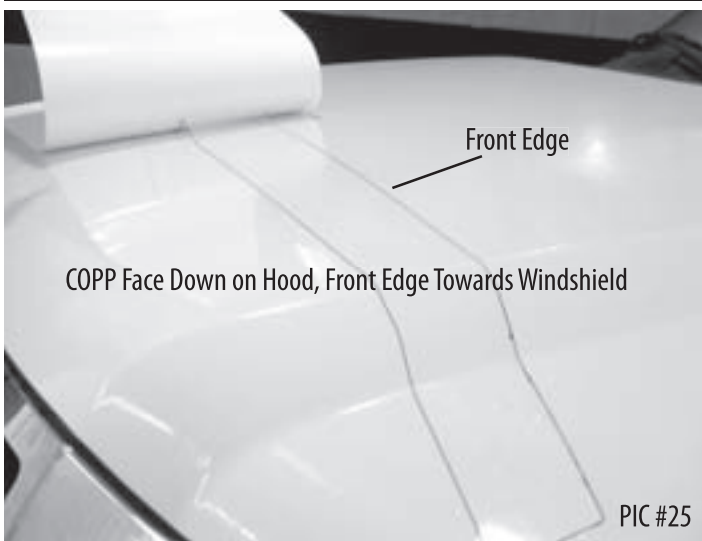
- a. Beginning from your right (Vehicle Driver Side) going to the left, with your left hand peel the protective backing away from the COPP. (PIC #23) Continue spraying the COPP with installation solution while removing the backing from the COPP. Wetting the hood with solution will help to hold the COPP in place but it may be necessary to hold the COPP down against the hood with a clean WET finger until approximately 12 – 18" of material has been exposed. (PIC #24) Continue to remove the protective backing exposing the adhesive. Thoroughly spray (soak) the adhesive side of the COPP until the protective

backing has been completely removed. (Note: The protective backing may be discarded after being removed.)

4) Hood COPP Installation Process:

1. Positioning COPP on hood:

- a. Once protective backing has been removed... thoroughly soak the front edge of the hood and the exposed adhesive side of the COPP with the installation solution. (Note: COPP



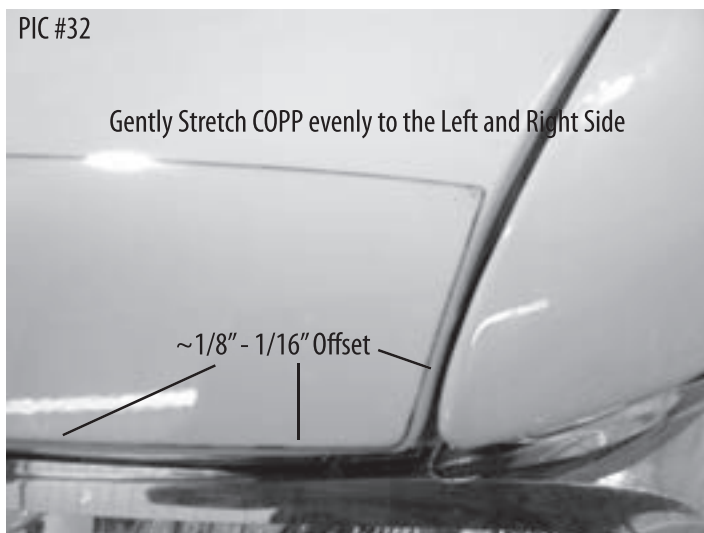
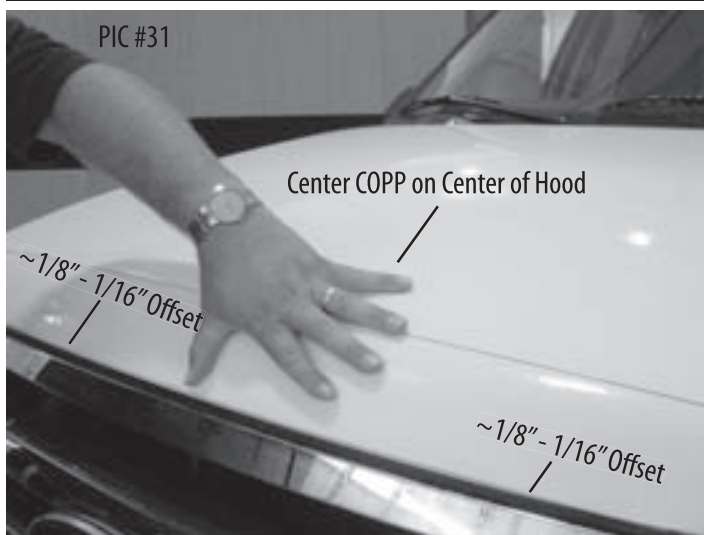
will be laying face side down (adhesive up) approximately 12" up on the hood) (PIC #25)

- b. Thoroughly wet BOTH hands focusing on the fingertips with the installation solution (PIC #26).
 - c. With both hands, grab the edge furthest away from you (edge closest to the windshield) and place both hands approximately 1/3 of the way from the end of the COPP. (PIC #27) Now promptly roll the far edge of COPP (PIC #28) down to the front edge of the hood. (PIC #29). (Note: Gaps & fingers will appear in the humps and dips.) (PIC #30)
2. Centering COPP along the front edge of the hood:

Keep the COPP wet at all times until its position is correct and you are ready to squeegee out the installation solution. You should have enough solution between the COPP and the vehicle to move the kit into position and enough on top so that the squeegee can be used as directed without gripping and pulling the COPP.

- a. The COPP will be shorter on the ends than the actual hood.





This is because the material will need to be stretched slightly. This stretching is normal to COPP installation and is used to minimize "fingers". Position the COPP so that there is an equal amount of hood exposed beyond the COPP on the left and right sides. The goal is to maintain approximately 1/16" to 1/8" of space between the COPP edge and the hood front and side edges. (PIC #31 & PIC #32)

- b. To position the film into place the COPP must be able to move. It is important to keep the hood and adhesive side of the COPP completely saturated with installation solution to assist with positioning. To move the film into place lightly touch or bump the COPP with the palms of your hands to break its contact with the hood. Use light pressure and slide the film into place. If the COPP will not move, use wet fingers to lift up the "tacked" areas of the film and thoroughly spray installation solution on the adhesive side of the COPP and hood. (Note: Not centering the COPP properly will cause the COPP to be off center and therefore will not align properly as designed)

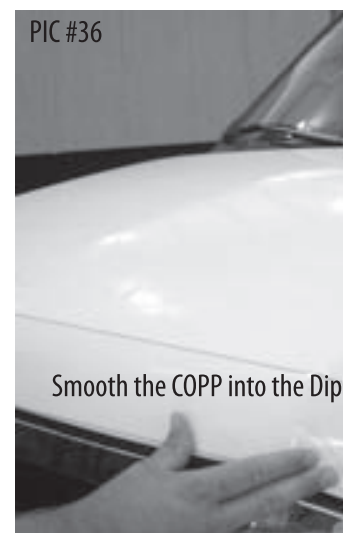
3. Remove excess solution, air bubbles and fingers:

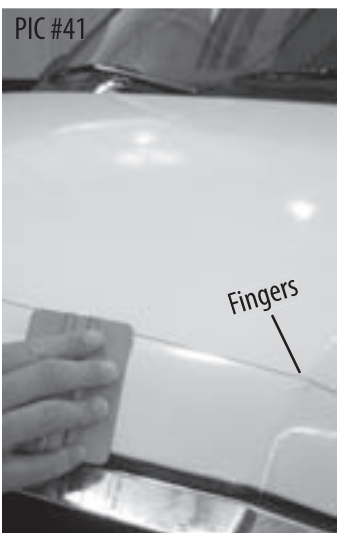
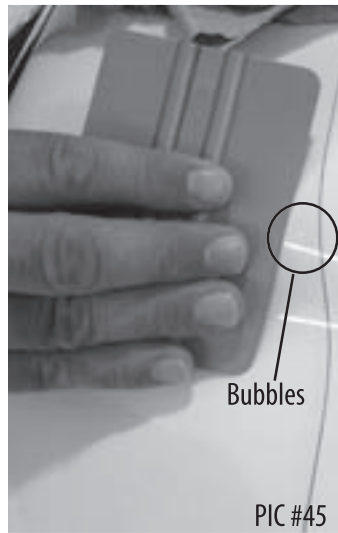
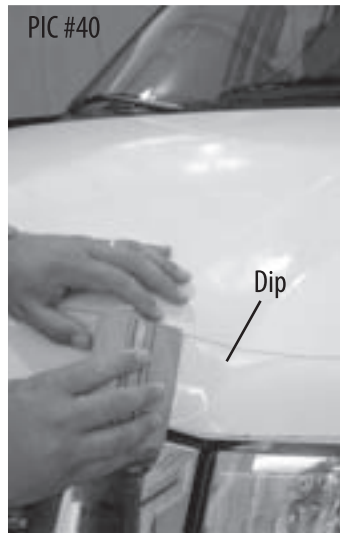
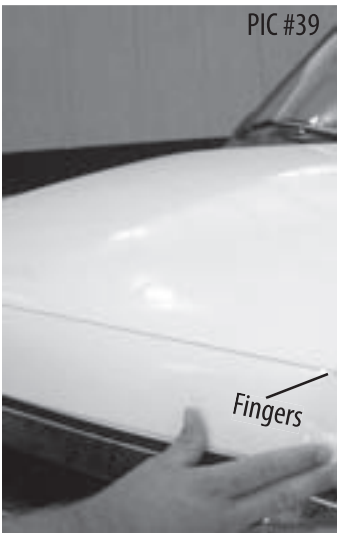
- a. Once COPP is centered on hood... it is time to begin the removal of the solution out from between the COPP and the hood surface.
- b. Use the Application Card to smooth out the COPP. Always start from the middle of the COPP and work outward applying 15 – 20 lbs of pressure as you move the Application



Card outward. Begin by making a firm squeegee stroke to "tack" the COPP in place on the hood surface at the middle of the COPP. (PIC #31) It will be necessary to gently stretch the COPP as you work from the center to the side. Note: Be careful to maintain the offset spacing of approximately 1/16" to 1/8" between the COPP and the edges of the hood. (PIC #32) **If the position is not as intended you can re-wet the COPP and carefully lift it (with wet fingers) up from the surface for up to five minutes after application and adjust the position to achieve proper placement.**

- c. Continue to use the Application Card to work out ALL bubbles and excess water (PIC #33) that may be trapped





PIC #40) If this occurs, (PIC #41) use lint free towel to hold COPP down for approximately 5 seconds. (PIC #42) Repeat this process if necessary until COPP lays down completely with no fingers between the COPP and the hood. (Note: If problem persists in getting COPP to lie down, spray clear water directly into the finger (PIC #43) and work COPP with an Application Card and lint-free towel until completely attached to the hood with no gaps between COPP and hood. (PICs #44, #45 & #46) To do this you will need to conserve the solution in another container, rinse and refill the spray bottle with clear water. The clear water helps to remove excess solution that may be preventing adhesion. By conserving the solution you can return it to the spray bottle if needed later.)

between the COPP and hood. **When squeegeeing always use overlapping strokes to insure complete removal of excess air and solution.** (PIC #34)

d. Focus on the contours on the hood as you are installing the COPP. (PICs #35, #36, #37 & #38) Indentations in the hood may cause the COPP not to lie down correctly. (PIC #39 &

e. Use lint free towel to wipe off any excess external solution as the solution is removed from between the COPP and the hood. (PIC #42). Always wipe towards the outside edge of the COPP. (PIC #47) Make sure ALL solution, air bubbles (PIC #45) and fingers (PIC #39) have been removed prior to next step.



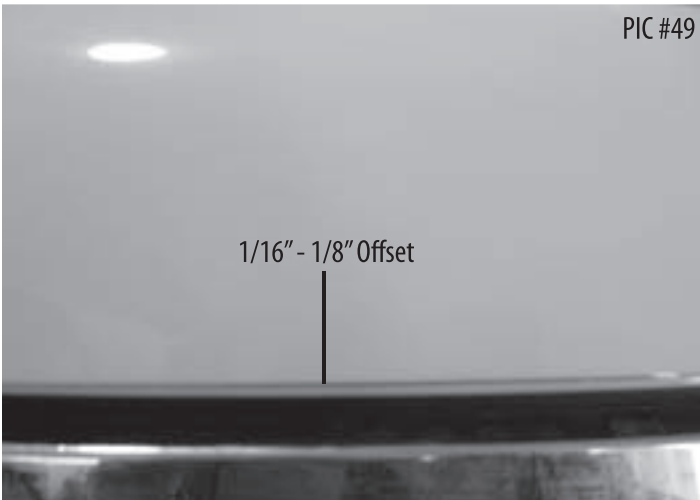
DRYING THE COPP INSTALLATION

- 1) (IMPORTANT: MAKE SURE THE EXCESS SOLUTION HAS BEEN REMOVED PRIOR TO USING THE BLOW DRYER.) Use the blow dryer on a "LOW" setting to assist in the COPP drying process. (PIC #48). This will seal the edges of the COPP to the painted surface. Heat the edge of the COPP while simultaneously pressing down on the edge. Work your way around the edges of the COPP making certain that it is securely sealed and dry. (PICs #50)



4. Inspection of the COPP hood installation:
 - a. Carefully examine the COPP installation for any imperfections between the COPP and painted surface. Large imperfections (dirt, air born contaminants, air bubbles, fluid bubbles larger than 1/4" in diameter) may be removed by lifting the COPP and flushing the imperfection off of the material and surface. If this is necessary reapply this portion following the procedures outlined previously.
 - b. Inspect the COPP for proper alignment. There should be approximately a 1/16" - 1/8" offset as shown previously between the edge of the COPP and the hood (PIC #49). If the edge is not at recommended or desired position, the COPP may be lifted re-wet and repositioned. If this is necessary reapply this portion following the procedures outlined previously.

- 2) Allow the COPP to dry for approximately 24 hours before using a power wash. It is recommended that liquid spray wax be applied on the vehicle hood and COPP after COPP has dried for the 24 hour period.



Husky Shield® Limited Warranty

Winfield Consumer Products warrants your Husky Shield paint protection product against yellowing or cracking due to discernible defects in the manufactured material for a period of five years following installation. If your finished product is found defective, Husky Shield will authorize the replacement of your product at no charge to the original purchaser. This warranty covers product replacement only. Husky Shield will not provide a monetary refund for the price of the product or charges incurred during installation. This warranty is not transferable. Husky Shield assumes no liability for product failure due to accident, collision, negligence, vandalism or abuse.

THERE IS NO WARRANTY OF MERCHANTABILITY AND NO WARRANTY THAT THE PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE OR USE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM JURISDICTION.

THIS PRODUCT IS TO BE USED IN COMPLIANCE WITH ALL APPLICABLE STATE OR PROVINCIAL LAWS. INSTALLATION OF THIS PRODUCT IN A MANNER THAT VIOLATES STATE OR PROVINCIAL LAW IS A MISUSE OF THE PRODUCT AND VOIDS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTY OF MERCHANTABILITY. HUSKY SHIELD SHALL NOT BE LIABLE IN ANY MANNER WHATSOEVER FOR DAMAGES RELATED TO THE USE OF THIS PRODUCT IN AN ILLEGAL MANNER.

For warranty service contact your Husky Shield dealer or call Winfield Consumer Products at (800) 344-8759.

If you have any questions or concerns please contact us prior to beginning installation at 800-344-8759. You can also find us on the internet at www.huskyshield.com.