

Part Number(s): PT907-76190, PT907-78190-XX,
PT907-78190-MR, PT907-76191,
PT907-76193

Kit Contents

Item #	Quantity Reqd.	Description
1	1	Hood Protective Film
2	1	Front Fender Protective Film (DS,PS)
3	1	Mirror Back Protective Film (DS,PS)
4	1	Door Cup Protective Film (4pcs.)
5	1	Base Front Bumper Protective Film (DS,PS)
6	1	Care Card

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	None	

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1	None	

Recommended Tools

Personal & Vehicle Protection	Notes
None	
Special Tools	Notes
Squeegee	4" 3M™ Orange Applicator #71607
Installation Tools	Notes
Spray Bottles	
Pump Sprayer	
Towel	Wypall® L40 All-Purpose Wipers
"T" Shirt Material	Supplied by CTC Supplies
Water Blade	12" California® Water Blade
Dropper	Measures ml
Heat Gun	
Special Chemicals	Notes
Wetting Agent	Johnson's® Baby Shampoo(5 ml to 64oz. of water)
Tack Solution	70% isopropyl Alcohol (mix 50% Alcohol 50% water) or White Vinegar mix 3 parts Vinegar 1 part water

Recommended Sequence of Application


Item #	Accessory
1	Hood Protective Film
2	Front Fender Protective Film (DS,PS)
3	Mirror Back Protective Film (DS,PS)
4	Door Cup Protective Film (4pcs.)
5	Front Bumper Protective Film (DS,PS)
6	Care Card


*Mandatory


Vehicle Service Parts (may be required for reassembly)


Item #	Quantity Reqd.	Description
1		
2		
3		


Legend

 **STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.

 **OPERATOR SAFETY:** Use caution to avoid risk of injury.

 **CAUTION:** A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.

 **TOOLS & EQUIPMENT:** Used in Figures calls out the specific tools and equipment recommended for this process.

 **REVISION MARK:** This mark highlights a change in installation with respect to previous issue.

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

These guidelines can be found in the "Accessory Installation Practices" document.

This document covers such items as:-

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.

1. Prepare for the Installation.



(a) To ensure the best results, set-up an installation area that is safe and clean. The following items should be considered when selecting an area for installation.

(1) The installation should be performed in an ambient temperature from 45° F (7° C) to 95° F (35° C). Adjust the wetting solution according to the ambient temperature. The following is stated for the 64 oz. Wetting Agent:

- (1) 45 ° F - 65 ° F = 4 ml Baby Shampoo
- (2) 65 ° F - 75 ° F = 5 ml Baby Shampoo
- (3) 75 ° F - 85 ° F = 6 - 7 ml Baby Shampoo
- (4) 85 ° F - 95 ° F = 7 - 8 ml Baby Shampoo.

- (2) Avoid installing in direct sunlight.
- (3) Avoid installing material when vehicle surface is over 90° F (32° C).
- (4) Do not attempt to apply film during windy conditions.

(5) Keep the installation area free of dust, grease, or other small particles that can become airborne, i.e. wax dust, paint overspray, etc.

(6) The installation area must be well lit.



(b) Prepare the surface of the vehicle.

(1) Remove any vehicle wrap-guard material from the application areas.

(2) Wash/clean the application surface thoroughly.

(3) Remove any contaminations such as grease, oil, wax, dirt, bug residue, or road tar with approved VDC cleaner, followed by approved VDC window cleaner.


(4) Inspect painted surfaces for existing damage or for fresh, loose, and/or scratched paint. Repair any existing damage before installing the film.

(5) Clean the vehicle with the Baby Shampoo solution and a towel.

(6) Spray the vehicle generously with Baby Shampoo solution and remove it with a California Water Blade®.

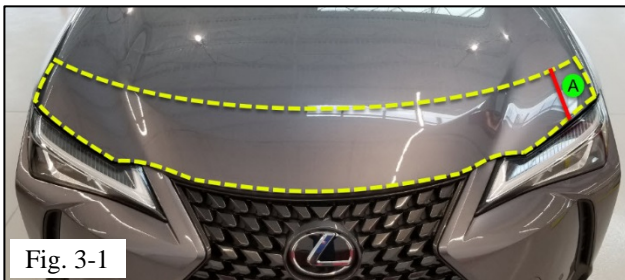
2. Prepare for the Installation.

- (a) Check the pattern accuracy with the vehicle. Make sure all necessary pieces are present.

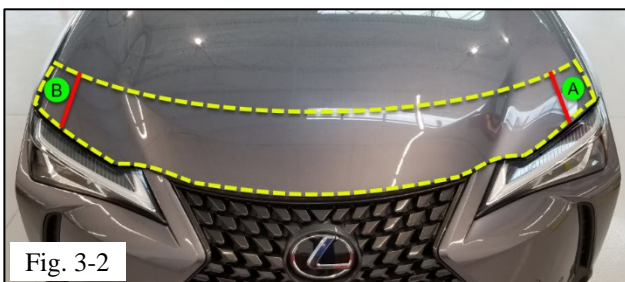
-  (b) Before handling the film, make sure that hands are clean. Spray hands with the wetting agent to prevent transfer of fingerprints to the material. Keep hands wet throughout the install procedure.
- (c) Remove the material from the liner. Continue to spray the material with the wetting agent to prevent the adhesive side from sticking to itself. Keep hands wet.

3. Hood Installation Procedure

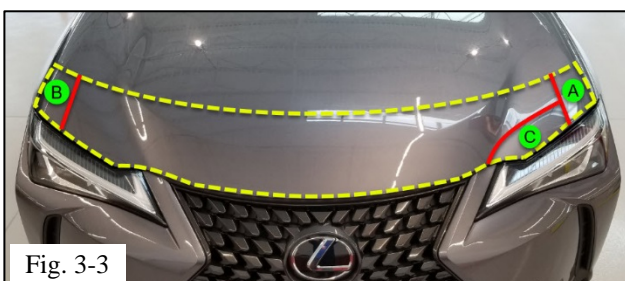
- (a) Align the driver side outer and lower edges of the piece where the hood meets the fender. Remove the water from beneath the material with the squeegee to secure the film in place.

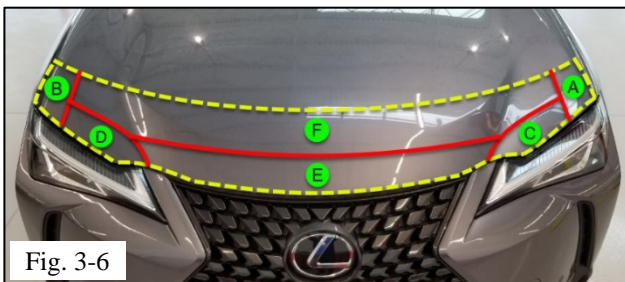
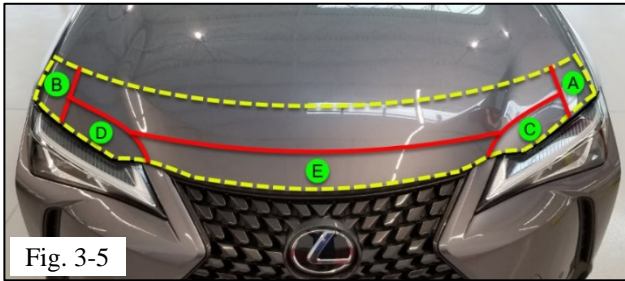
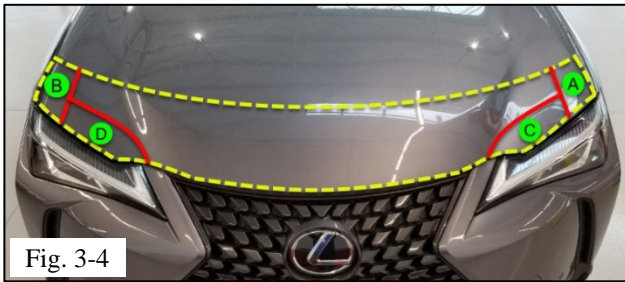


- (b) Pull the material enough to align the passenger side outer and lower edges of the piece where the hood meets the fender. Remove the water from beneath the material with the squeegee. Use tack solution if needed to ensure placement is kept and film is secured.



- (c) Apply a small amount of tack solution underneath the lower edge. Pull the film down into position and secure with the squeegee by pushing the solution down and out towards the center away from step (a).





(d) Apply a small amount of tack solution underneath the lower edge. Pull the film down into position and secure with the squeegee by pushing the solution down and out towards the center away from step (b).

(e) Return to the lower leading edge. Spray the tack solution lightly under the lower edge and move the material to properly align. Hold in place and remove the solution pushing it towards the center away from steps (c) and (d) and then down and out through the lower edge.

(f) Using upward strokes remove all remaining solution out through the top edge of the piece working towards the center from both sides.



(g) Check surface for bubbles or any other defects before continuing.

4. Seal the Edges.



NOTE: This will be necessary after each individual piece.

(a) With the “T” shirt material wrapped around the hand, apply heat with the heat gun from 6 to 8 inches away from the vehicle panel.

(b) Angle the heat gun to heat the glue side of the material as opposed to the clear coat side.

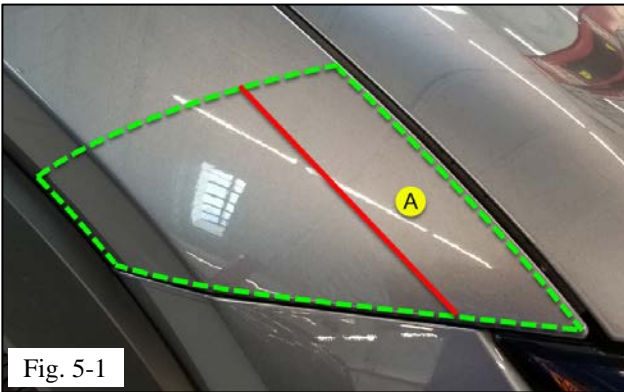
(c) First, apply heat, and then wipe the material edge down with the “T” shirt wrapped hand.



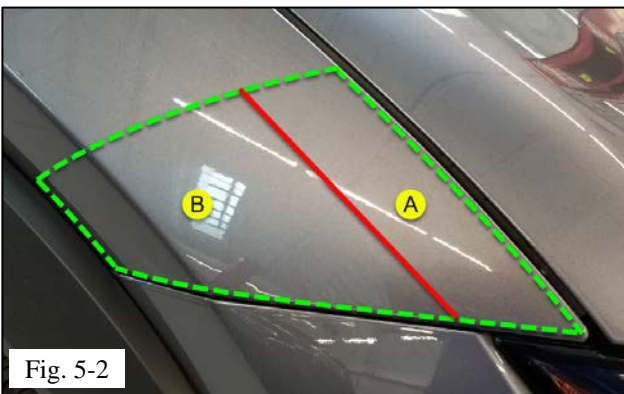
NOTE: The film will be very pliable so take care to not distort the film.

- (d) This process should be applied to the entire outer edge of the piece to seal the piece completely.

5. Front Fender Installation Procedure.



- (a) Align the inner edge near the hood and the lower corner near the head light within the proper tolerance. Hold the film in place and remove the solution beneath with the squeegee to secure it. Be sure to keep edges within tolerance during process.



- (b) Apply a small amount of tack solution under the lower edge. Pull the material down to align the lower edge near the wheel well. Hold in place with one hand and use the squeegee in the other to remove all solution pushing it out through the lower edge of the piece.
- (c) The same sequence of steps will be used to apply the opposing side.



- (d) Check surface for bubbles or any other defects before continuing.

6. Seal all edges.



NOTE: This will be necessary after each individual piece.

- (a) With the “T” shirt material wrapped around the hand, apply heat with the heat gun from 6 to 8 inches away from the vehicle panel.

- (b) Angle the heat gun to heat the glue side of the material as opposed to the clear coat side.
- (c) First, apply heat, and then wipe the material edge down with the “T” shirt wrapped hand.

⚠ NOTE: The film will be very pliable so take care to not distort the film.

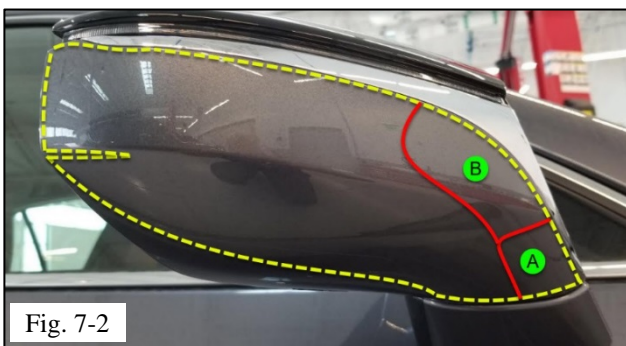
- (d) This process should be applied to the entire outer edge of the piece to seal the piece completely.

7. Mirror Back Installation Procedure.

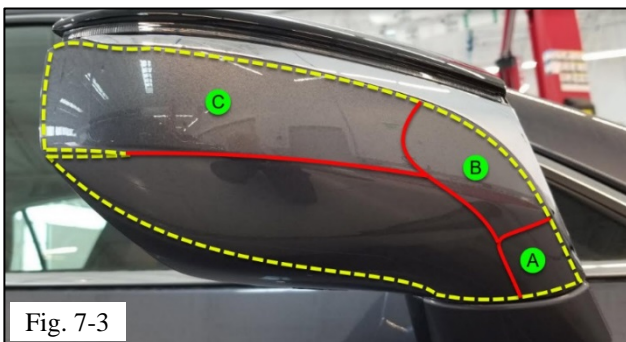
- (a) Align the lower inner corner of the part within the proper tolerance and secure with the squeegee. Use tack solution if needed to ensure area is secured.

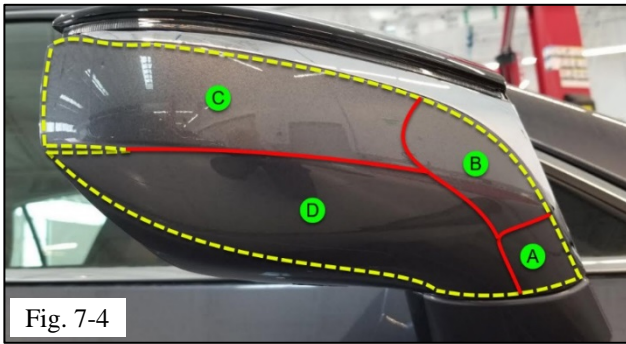



- (b) Apply a small amount of tack solution along the upper edge. Gently pull the material so that it is taut and aligned properly. Secure the film by pushing the solution away from step (a) out through the upper edge.




- (c) Apply your tack solution underneath the outer edge of this section. Pull the material with your fingertips towards the outer edge to align the outer edge properly. Wipe the film down into place with your fingertips so that it is secure. Follow up with the squeegee to remove all solution pushing it away from step (b) towards the outer edge.






- (d) Remove all remaining solution pushing it down and out through the lower edge of the piece. Use tack solution as needed to help secure any lifting areas that may remain.
- (e) The same sequence of steps will be used to apply the opposing side.
-  (f) Check surface for bubbles or any other defects before continuing.

8. Seal all edges.

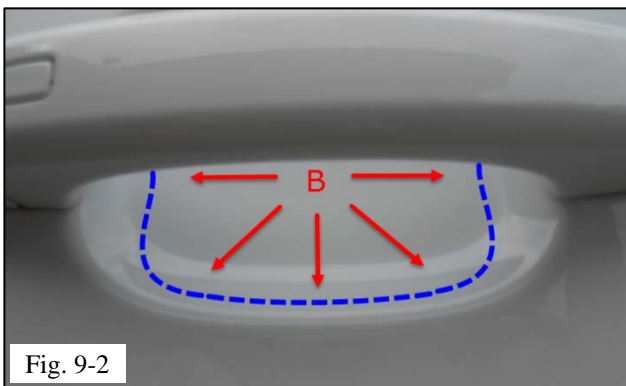
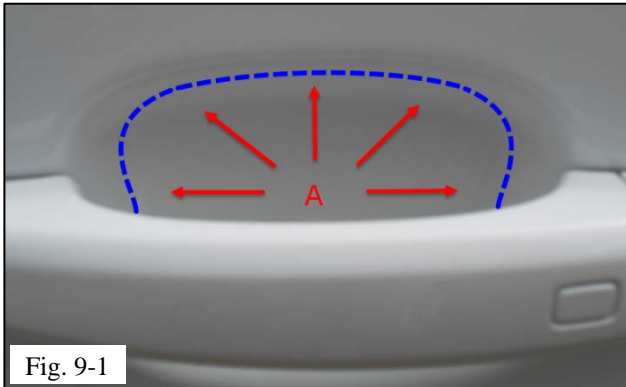
 **NOTE:** This will be necessary after each individual piece.

- (a) With the “T” shirt material wrapped around the hand, apply heat with the heat gun from 6 to 8 inches away from the vehicle panel.
- (b) Angle the heat gun to heat the glue side of the material as opposed to the clear coat side.
- (c) First, apply heat, and then wipe the material edge down with the “T” shirt wrapped hand.

 **NOTE:** The film will be very pliable so take care to not distort the film.

- (d) This process should be applied to the entire outer edge of the piece to seal the piece completely.


9. Door Cup Installation Procedure.




(a) Apply wetting agent to part and alcohol solution to the surface of the door. Place the film in the handle opening and center it using the top and bottom lip as a guide. Use your thumbs to gently wipe the center of the piece until it is tacked. Remove the remaining solution pushing it out gradually towards the edges working away from the center.

(b) Continue using your thumbs to remove the solution and work the piece down starting at the center gradually moving down and out towards the outside edges.

(c) Repeat steps (a) and (b) on all doors.

 (d) Check surface for bubbles or any other defects before continuing. The corners or skinnier portion of your application tool may be used to remove any stubborn bubbles that have been left behind.

10. Seal all Edges.

 **NOTE:** This will be necessary after each individual piece.

(a) With the “T” shirt material wrapped around the hand, apply heat with the heat gun from 6 to 8 inches away from the vehicle panel.

(b) Angle the heat gun to heat the glue side of the material as opposed to the clear coat side.

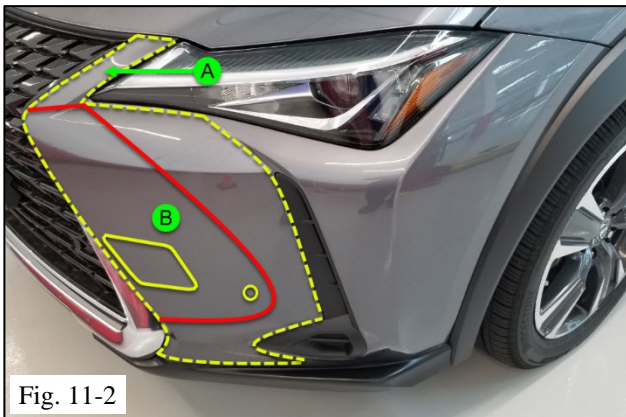
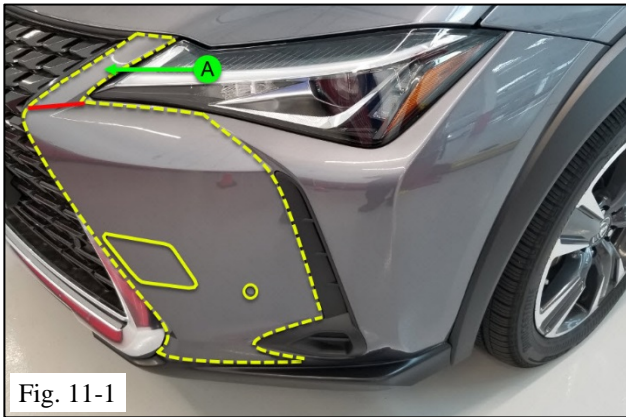
- (c) First, apply heat, and then wipe the material edge down with the “T” shirt wrapped hand.

⚠ NOTE: The film will be very pliable so take care to not distort the film.

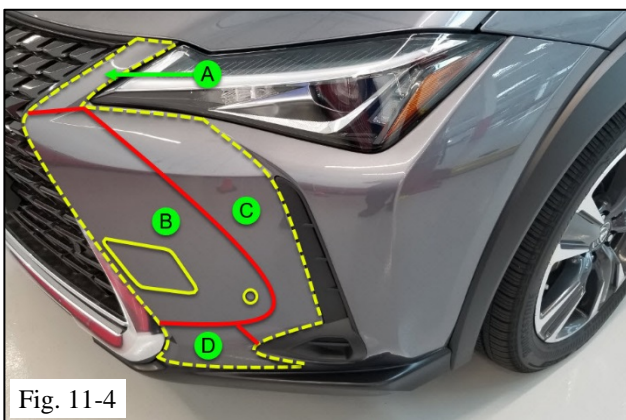
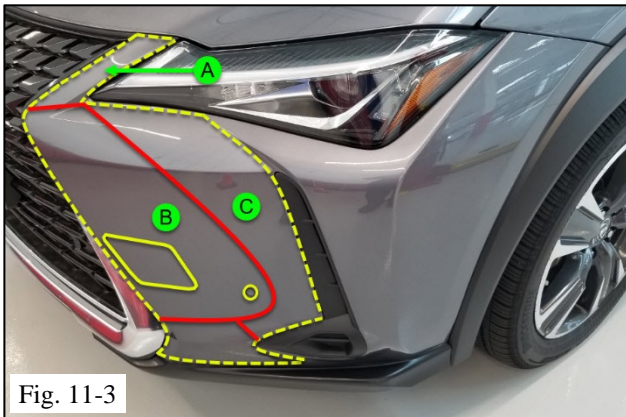
- (d) This process should be applied to the entire outer edge of the piece to seal the piece completely.

11. Inner Bumper Installation Procedure.

- (a) Line the piece up within proper tolerance so that all edges are consistent. Tack the area down using upward and downward motions. Use tack solution as needed to ensure film is secured.




- (b) Spray a small amount of tack solution underneath the film around the tow hook and parking sensor (if applicable). Pull the film down into position and gently wipe your hands over the area where the tack solution was applied so that the material is secured in place. Use the squeegee to force out all solution starting at the tacked area around the pre-cut holes working back up towards the top near step (a).




(c) Use the squeegee to push all solution out away from step (b) towards the head light and outer edge of the piece. Use tack solution as needed to help secure any lifting areas.

(d) Remove all solution pushing it down and out through the lower edge. Use tack solution as needed to ensure placement is kept during process.

 (e) Check surface for bubbles or any other defects before continuing.

(f) The same sequence of steps will be used to apply the opposing side.


12. Seal all edges.

 **NOTE:** This will be necessary after each individual piece.

(a) With the “T” shirt material wrapped around the hand, apply heat with the heat gun from 6 to 8 inches away from the vehicle panel.

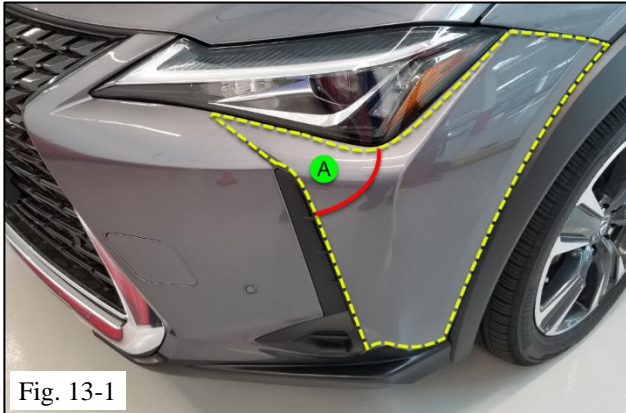
(b) Angle the heat gun to heat the glue side of the material as opposed to the clear coat side.

(c) First, apply heat, and then wipe the material edge down with the “T” shirt wrapped hand.

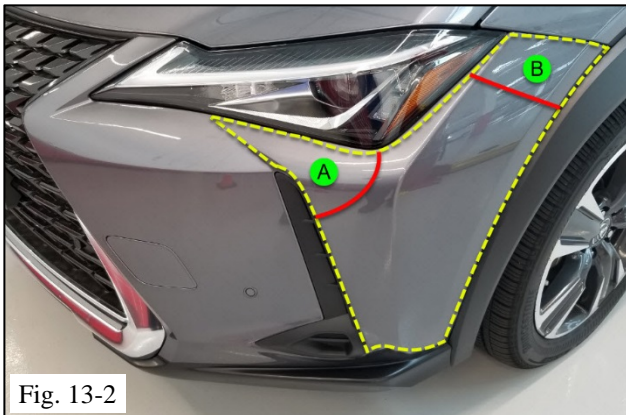
 **NOTE:** The film will be very pliable so take care to not distort the film.

(d) This process should be applied to the entire outer edge of the piece to seal the piece completely.

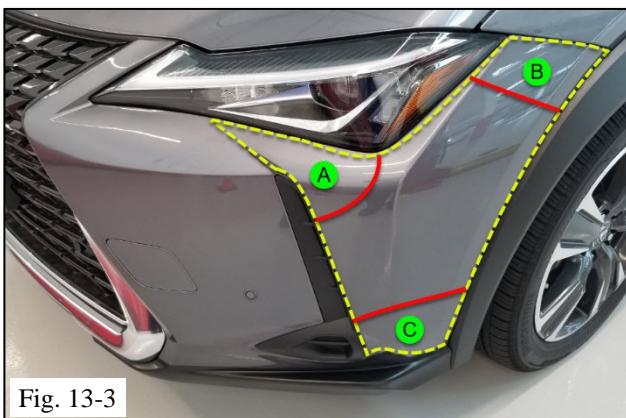
13. Outer Bumper Installation Procedure.



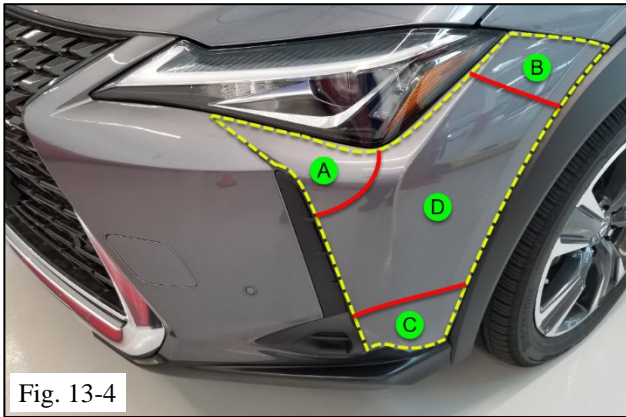
- (a) Line the edges up within the proper tolerance making sure not to overlap the inner bumper part that is already installed. Tack the area down at the inner point then gently pull the film outward to alleviate any fingers. Hold in place and secure it with the squeegee. Use tack solution as needed to ensure film is secured.



- (b) Apply tack solution along the outside and upper edges. Stretch the material out and up to align the top corner near the head light as well as the lower corner near the wheel well. Hold the film in place with one hand and use the other to secure it with the squeegee.



- (c) Apply your tack solution underneath the lower edge. Stretch the film down and out to align within the proper tolerance. Hold the tension of the stretch with one hand while using the squeegee in the other to secure the film.



- (d) Remove the remaining solution from beneath the material pushing it out through the unsealed edges. Never attempt to push solution back through an area that has already been secured.



- (e) Check surface for bubbles or any other defects before continuing.

- (f) The same sequence of steps will be used to apply the opposing side.

14. Seal all edges.



NOTE: This will be necessary after each individual piece.

- (a) With the “T” shirt material wrapped around the hand, apply heat with the heat gun from 6 to 8 inches away from the vehicle panel.
- (b) Angle the heat gun to heat the glue side of the material as opposed to the clear coat side.
- (c) First, apply heat, and then wipe the material edge down with the “T” shirt wrapped hand.



NOTE: The film will be very pliable so take care to not distort the film.

- (d) This process should be applied to the entire outer edge of the piece to seal the piece completely.

16. Post-Installation Instructions.

- (a) Clean surface of vehicle as necessary.

17. Removal Process.

- (a) Pick an edge corner of the material up. Grab enough material to allow a secure grasp with hand.
- (b) Pull material towards body at an angle (between 30° to 45°). Do not try to rip material off the surface, instead, stretch the material off the surface. By stretching the material, you will minimize the amount of adhesive left on the surface.
- (c) Clean adhesive left on the surface using a common adhesive remover.

Checklist - these points **MUST** be checked to ensure a quality installation.

Check:

Look For:

Accessory Function Checks

- Correct part number has been installed.
- Proper equipment was used to install.

- Check for film quality and proper installation.

Verify part number on package.

Check for loose edges, bubbles, and or film damage.

Check for scratches, correct edge alignment, and or debris under film.

Vehicle Function Checks

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