

Part Number(s): PT907-33190, PT907-33190-AA,
PT907-33191, PT907-33192

Kit Contents

Item #	Quantity Req'd.	Description
1	1	Hood Protective Film
2	1	Front Fender Protective Film (DS,PS)
3	1	Front Bumper Protective Film (DS,Upper,PS)
4	1	Care Card

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	None	

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1	None	

Conflicts

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)
Alcohol Solution	70% isopropyl Alcohol (mix 50% Alcohol and 50% water)

General Applicability

All MY19 and newer ES/ESh vehicles

Recommended Sequence of Application






Item #	Accessory
1	Hood Protective Film
2	Front Fender Protective Film (DS,PS)
3	Front Bumper Protective Film (DS,Upper,PS)
4	Care Card

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req'd.	Description
1		
2		
3		

Legend

	STOP: Damage to the vehicle may occur. Do not proceed until process has been completed 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 Lexus dealer for a copy of this document.

1. Prepare for the Installation.



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

(1) Installation should be performed in an ambient temperature from 45° Fahrenheit to 95° Fahrenheit. Adjust wetting solution according to the ambient temperature. The following is stated for the 64 oz. Wetting Agent.

(a) 45 ° F - 65 ° F = 4 ml Baby Shampoo

(b) 65 ° F - 75 ° F = 5 ml Baby Shampoo

(c) 75 ° F - 85 ° F = 6 - 7 ml Baby Shampoo

(d) 85 ° F - 90 ° F = 7 - 8 ml Baby Shampoo

(2) Avoid installing in direct sunlight or extreme heat environment.

(3) Avoid installing material when vehicle surface is over 90° Fahrenheit.

(4) Do not attempt to apply film during windy conditions.

- (5) Keep installation area free of dust, grease, or other small particles that can become airborne, i.e. wax dust, paint overspray, etc.
- (6) Installation area must be well lit.


2. Prepare the Vehicle Surface.



- (a) Before beginning any installation, the installer should perform the following steps to prepare the vehicle's surface:
 - (1) Remove the vehicle wrap-guard material from application areas.
 - (2) Wash / clean 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. It is recommended that any existing damage be repaired before installation.
 - (5) Clean the vehicle using Baby Shampoo Solution and a towel.
 - (6) Spray the vehicle with Baby Shampoo Solution generously and remove with California® Water Blade.

3. Remove the Film Material From the Liner.

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

 (b) Before handling the film, make sure that hands are clean. Then proceed to spray hands with the wetting agent to prevent transfer of fingerprints to the material. Keep hands wet throughout the install procedure.

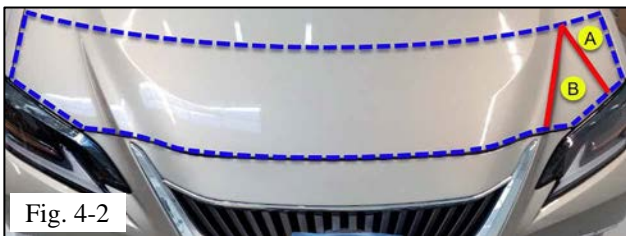
- (c) Remove material from liner. Continue to spray material with the wetting agent to prevent the adhesive side from sticking to itself. Keep hands wet.

4. Hood Installation Procedure.

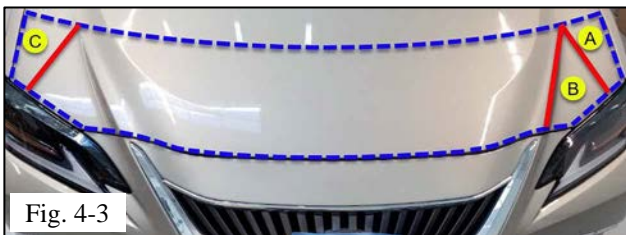
- (a) Align the driver side outer edge of the piece where the hood meets the fender. Remove the water from beneath the material with the squeegee so that it is secured (Fig 4-1).



- (b) Wipe the piece down into the recess of the hood from top to bottom with your hand. Hold the film down at the lower edge to ensure alignment is kept and then use the squeegee to remove the solution pushing it down and out through the lower edge securing the film in place (Fig 4-2).

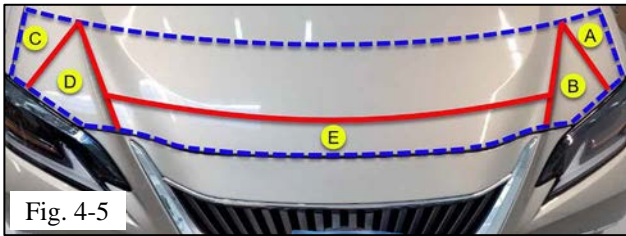


- (c) Pull the material enough to align the passenger side outer edge of the piece where the hood meets the fender. Remove the water from beneath the material with the squeegee. Use alcohol solution if needed to ensure placement is kept and film is secured (Fig 4-3).

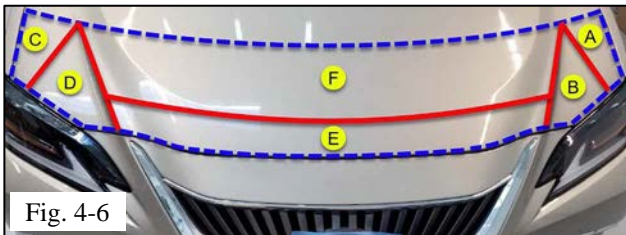




(d) Wipe the piece down into the recess of the hood from top to bottom with your hand. Hold the film down at the lower edge to ensure alignment is kept and then use the squeegee to remove the solution pushing it down and out through the lower edge securing the film in place (Fig 4-4).



(e) Return to the lower leading edge. Spray the alcohol 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 and then down and out through the lower edge (Fig 4-5).



(f) Using upward strokes remove all remaining solution out through the top edge of the piece (Fig. 4-6).



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

5. Seal All the Edges.

(a) This will be necessary after each individual piece. 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. Angle the heat gun to heat the glue side of the material as opposed to the clear coat side. First, apply heat, and then wipe the material edge down with the “T” shirt wrapped hand. The film will be very pliable so take care to not distort the film. This process should be applied to the entire outer edge of the piece to seal the piece completely.

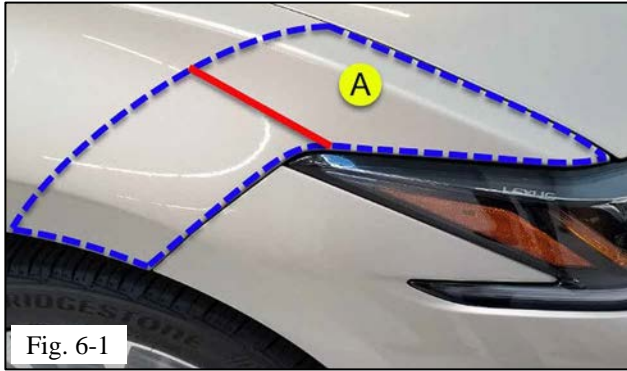


Fig. 6-1

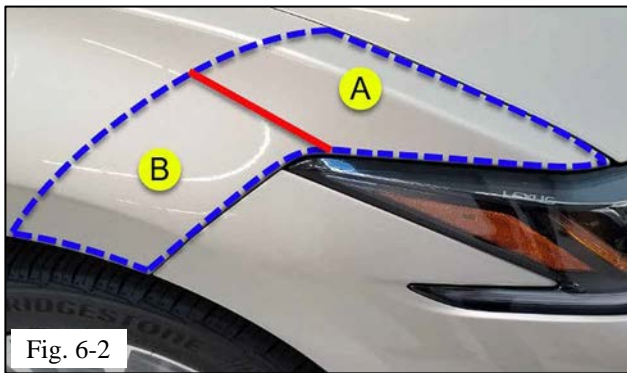


Fig. 6-2

6. 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 (Fig. 6-1).

(b) Apply a small amount of alcohol 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 (Fig. 6-2).



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

7. Seal All the Edges.

(a) This will be necessary after each individual piece. 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. Angle the heat gun to heat the glue side of the material as opposed to the clear coat side. First, apply heat, and then wipe the material edge down with the “T” shirt wrapped hand. The film will be very pliable so take care to not distort the film. This process should be applied to the entire outer edge of the piece to seal the piece completely.

8. Upper Bumper Installation Procedure.

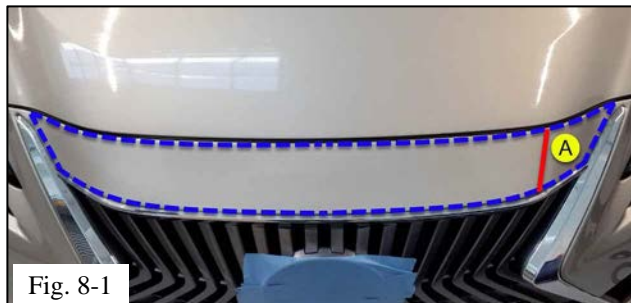


Fig. 8-1

- (a) Align the material at the outer corner so that the upper and lower edges are within the proper tolerance. Remove the solution from underneath the material with the squeegee so that it is secure (Fig. 8-1).

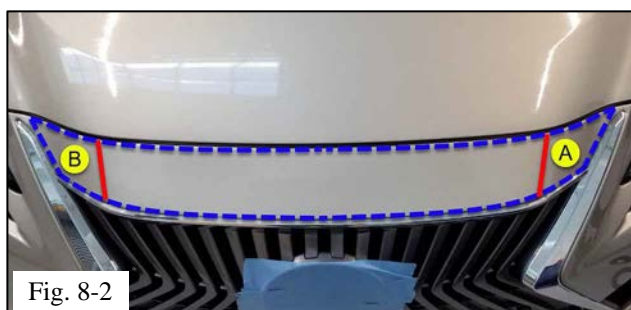


Fig. 8-2

- (b) Slightly pull the material over enough to align the outside corner. Hold the material in place with one hand and tack it down with the squeegee in the other (Fig. 8-2).

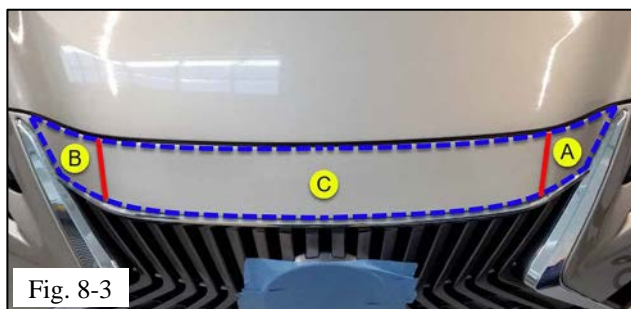


Fig. 8-3

- (c) Align the film properly along the upper edge. Remove the remaining solution pushing it away from steps (a) and (b) towards the center and then out through the upper and lower edges (Fig. 8-3).



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

9. Seal all the edges.

- (a) This will be necessary after each individual piece. 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. Angle the heat gun to heat the glue side of the material as opposed to the clear coat side. First, apply heat, and then wipe the material edge down with the “T” shirt wrapped hand. The film will be very pliable so take care to not distort the film. This process should be applied to the entire outer edge of the piece to seal the piece completely.

10. Front 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 (Fig. 10-1).

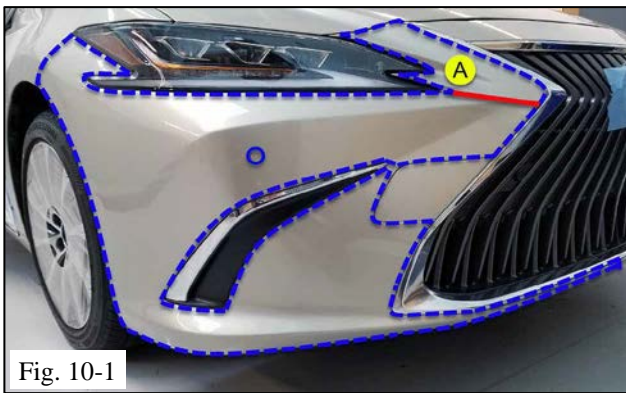


Fig. 10-1

- (b) Spray a small amount of alcohol solution underneath the very bottom edge of this section. Lightly pull the piece down using only enough tension for proper alignment and to alleviate any fingers. While holding the tension with one hand use the other to tack down the film so that it is secure (Fig. 10-2).

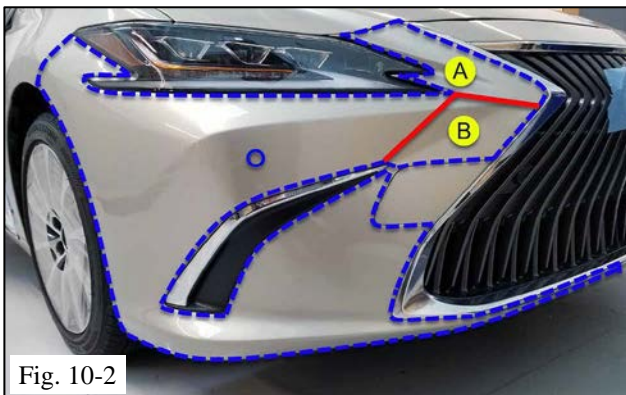
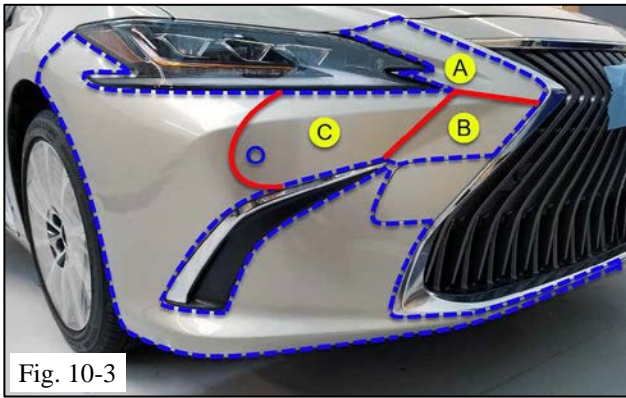
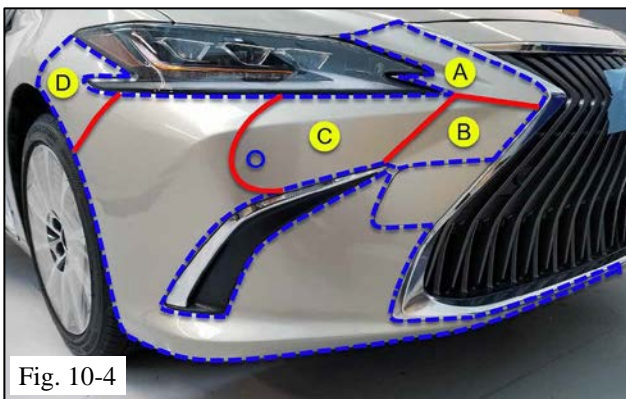


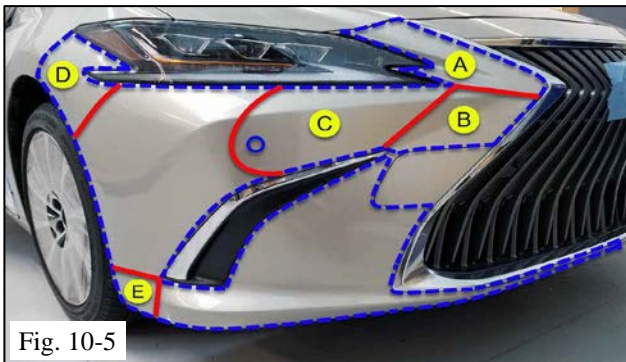
Fig. 10-2



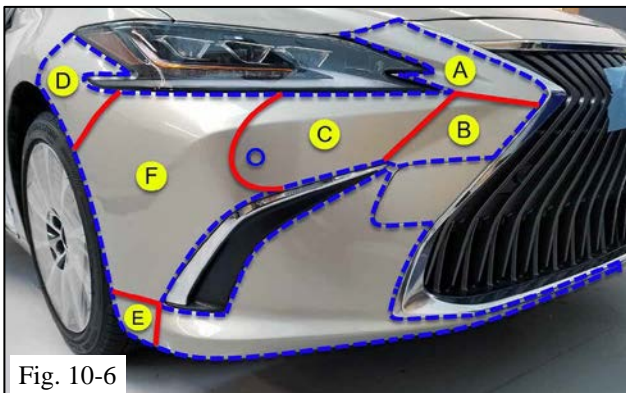
(c) Spray a small amount of alcohol solution along the top edge and the lower edge as well as around any precut holes for IPA (if applicable). Gently pull the film from right to left to alleviate any fingers and align the precut hole (if applicable). Use the squeegee to apply the material securing it in place (Fig. 10-3).



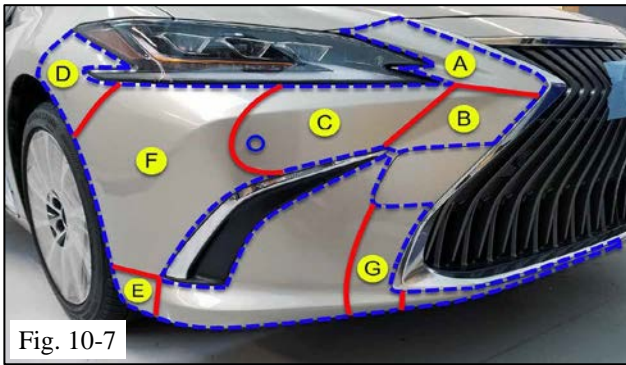
(d) Use the alcohol solution on the outside and top edges of the piece near the wheel well. Stretch the material outward to align those edges. Hold the tension with one hand while tacking down that specific area. Remove the remaining water solution pushing it towards the head light. Be sure all edges are aligned properly before tacking down the entire area. (Fig. 10-4).



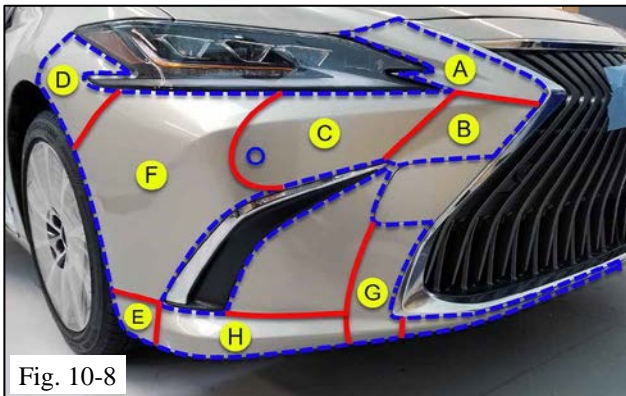
(e) Spray the alcohol solution under the material on the bottom edge. Stretch the film down and out to align properly. Hold the tension with one hand and use the other to tack down the material. Be sure the back edge near the wheel well is lined up properly as well before completing (Fig. 10-5).



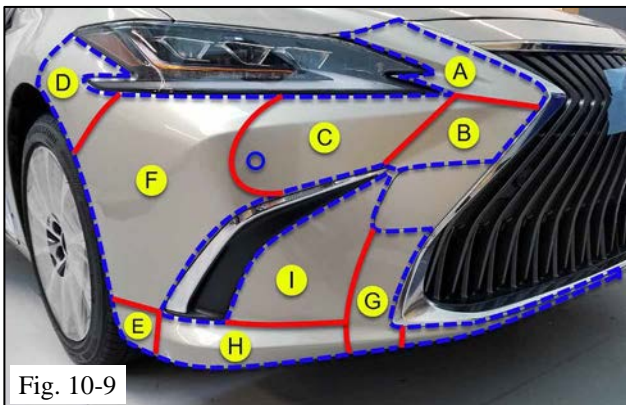
(f) Remove all of the remaining water solution from underneath this section. Be sure to work away from any portion of the film that has already been secured (Fig. 10-6).



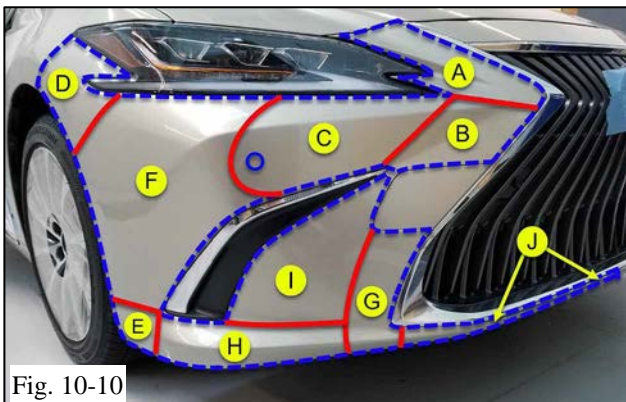
(g) Spray the alcohol solution under the material on the inner edge near the grill. Stretch the film out to align properly. Hold the tension with one hand and use the other to tack down the material (Fig. 10-7).



(h) Apply your alcohol solution under the lower and upper edges of this section. Position the edges properly and remove the solution from underneath the material securing the film in place (Fig. 10-8).



(i) Work the film down by pushing the solution upward and inward. Use alcohol solution as needed to help secure the film. Be sure alignment is kept during the process (Fig. 10-9).



(j) Use your alcohol solution and your fingertips to secure the film along the front edge of the bumper. Use the emblem as a guide to center the inner edge. Once film is secured use the squeegee to force out any bubbles or solution that may remain (Fig. 10-10).

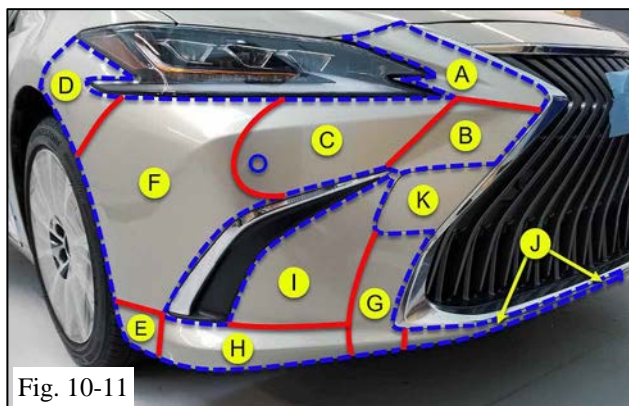



Fig. 10-11

(k) Align the tow hook cover and secure it with the squeegee (Fig. 10-11).

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

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

11. Seal all the Edges.

(a) This will be necessary after each individual piece. 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. Angle the heat gun to heat the glue side of the material as opposed to the clear coat side. First, apply heat then wipe the material edge down with the “T” shirt wrapped hand. The film will be very pliable so take care to not distort the film. This process should be applied to the entire outer edge of the piece to seal the piece completely.

12. Post-Installation Instructions.

(a) Clean the surface of the vehicle as necessary.

13. 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 the body at an angle (between 30° to 45°). Do not try to rip the 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 the part number on the package.

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

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

Vehicle Function Checks

-