

IMPORTANT: PLEASE RETAIN THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE



2006-07 Chevrolet HHR 2 Piece "Ultimate" & Mesh Grilles A 11 G7R

Notes to the Technician:

E&G is proud to present this package to you and reminds you that for technical information, contact Lynn Eash or Lee Clary at 410-381-4900. Do not attempt installation any E&G product without first reading the detailed instructions. E&G Classics will not warrant damaged parts or vehicle due to altered installation instructions.

Copyright © 2005 by E&G Classics, Inc.

All right reserved. The reproduction or utilization of this work in any form or any electronic, mechanical, or other means, no known or hereafter invented, including xerography, photocopying, and recording, and in any information storage retrieval system is forbidden without written permission of owners.

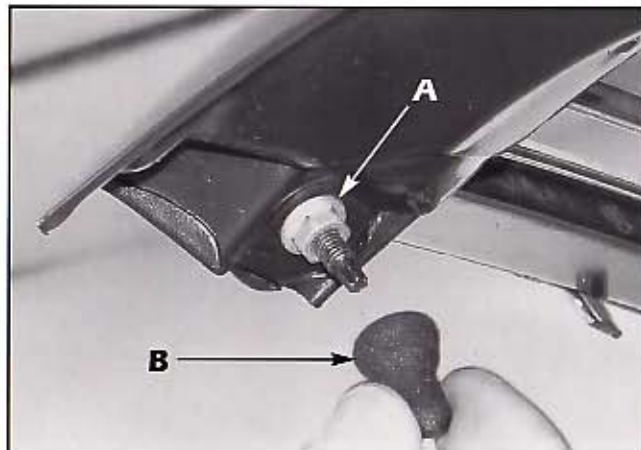


2 Piece "Ultimate" Mesh Grille Part # 1361-0104-06A

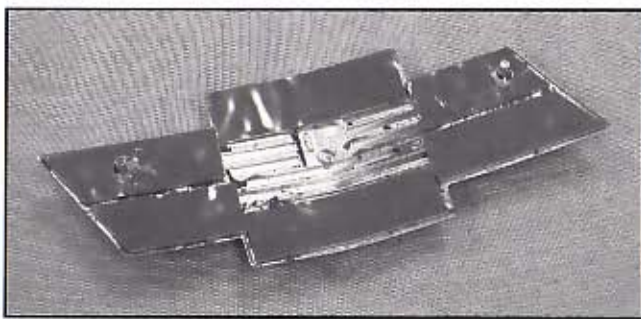
- | | | |
|-----|---|---------------|
| 1 | Ultimate Mesh Grille (Includes): | ***** |
| | Stainless Steel "Mesh" Grille Section | 1361-0040-06R |
| | Aluminum CNC Machined Frame | 1361-0038-06A |
| | 2 Piece S. S. Retainer Bottom Left | 1361-0034-06R |
| | Bottom Right | 1361-0033-06R |
| | (6) Rectangular Retainers | 1099-0167-05 |
| | (2) Black Rectangular Retainers | 1099-0167-05B |
| | (5) 8-32 ESNA Half Nuts | 1999-0065-00 |
| | (4) 8-32 Stainless Steel Hex Nuts | 1999-9072-00 |
| | (22) 3/16" x 1/2" x .062" Black Nylon Washers | 1999-0256-00 |
| | (5) 5/16" Black PVC Spacers (13SP169B) | 1999-0273-00 |
| | (11) 10-24 Hex Nuts Plated | 1999-9042-00 |
| | (11) #10 Stainless Steel Lock Washers | 1999-9555-00 |
| | Small "E&G Classics" Emblem | 1999-0268-00 |
| 1 | Lower "Mesh" Grille (Includes): | ***** |
| | 14 Gage Brushed Stainless Steel Frame | 1361-0042-06R |
| | 22 Gage Polished Stainless Steel Surround | 1361-0043-06R |
| | Stainless Steel "Mesh" Grille Section | 1361-0041-06 |
| | (3) Rectangular Mesh Retainers | 1099-0167-05 |
| | (4) Black Rectangular Mesh Retainers | 1099-0167-05B |
| | (13) 8-32 ESNA Half Nuts | 1999-0065-00 |
| | (2) 3/16" x 1/2" x .062 Black Nylon Washers | 1999-0256-00 |
| 1 | Hardware Kit (items listed below) | 1361-1902-06A |
| 1 | Emblem Backing Plate | 1361-0035-06 |
| 3 | 8-32 ESNA Half Nuts | 1999-0065-00 |
| 3 | 3/16" x 1/2" x .062 Black Nylon Washers | 1999-0256-00 |
| 18" | .045" x 1" Double Faced Tape | 3004-9250-92 |
| 2 | 1.006" x .189" x .064" Plastic Washers | 1999-0264-00 |
| 2 | #10 Lock Washers | 1999-9555-00 |
| 4 | #8-32 Stainless Steel Hex Nuts | 1999-9072-00 |
| 7 | #8 x 1/2" Black Truss Head Screws | 3999-9035-00 |
| 1 | "CLASSIC" Vinyl Lettering | 1361-0001-06 |

2 Piece "Mesh" Grille Part # 1361-0104-06R

- | | | |
|-----|---|---------------|
| 1 | Upper "Mesh" Grille (Includes): | ***** |
| | Stainless Steel "Mesh" Grille Section | 1361-0040-06R |
| | 12 Gage Brushed Stainless Steel Frame | 1361-0038-06R |
| | 2 Piece S. S. Retainer Bottom Left | 1361-0034-06R |
| | Bottom Right | 1361-0033-06R |
| | (6) Rectangular Retainers | 1099-0167-05 |
| | (2) Black Rectangular Retainers | 1099-0167-05B |
| | (13) 8-32 ESNA Half Nuts | 1999-0065-00 |
| | 22 Gage Polished Stainless Steel Surround | 1361-0039-06R |
| | (3) 1.006" x .189" x .064" Plastic Washers | 1999-0264-00 |
| | 4' of Black Edge Guard | 1999-0073-00 |
| | Small "E&G Classics" Emblem | 1999-0268-00 |
| 1 | Lower "Mesh" Grille (Includes): | ***** |
| | 14 Gage Brushed Stainless Steel Frame | 1361-0042-06R |
| | 22 Gage Polished Stainless Steel Surround | 1361-0043-06R |
| | Stainless Steel "Mesh" Grille Section | 1361-0041-06 |
| | (3) Rectangular Retainers | 1099-0167-05 |
| | (4) Black Rectangular Retainers | 1099-0167-05B |
| | (13) 8-32 ESNA Half Nuts | 1999-0065-00 |
| | (2) 3/16" x 1/2" x .062 Black Nylon Washers | 1999-0256-00 |
| 1 | Hardware Kit (items listed below) | 1361-1902-06 |
| 1 | Emblem Backing Plate | 1361-0035-06 |
| 5 | 8-32 ESNA Half Nuts | 1999-0065-00 |
| 5 | 3/16" x 1/2" x .062 Black Nylon Washers | 1999-0256-00 |
| 18" | .045" x 1" Double Faced Tape | 3004-9250-92 |
| 2 | 1.006" x .189" x .064" Plastic Washers | 1999-0264-00 |
| 2 | #10 Lock Washers | 1999-9555-00 |
| 4 | #8-32 Stainless Steel Hex Nuts | 1999-9072-00 |
| 7 | #8 x 1/2" Black Truss Head Screws | 3999-9035-00 |



1. Open the hood and remove the covers (A) from the outer 10mm hex nuts, then remove the 10mm hex nuts (B) retaining the factory grille to the hood and remove the grille.
2. Place the grille onto a clean work area for emblem removal.



4. Once the emblem is removed from the grille, clean off all factory double faced tape from the back of the emblem.
5. Install the supplied double faced tape to the back of the factory emblem (as shown) and align it over the E&G emblem backing plate, making sure that the alignment studs pass through the backing plate before pressing the emblem into place (not shown).

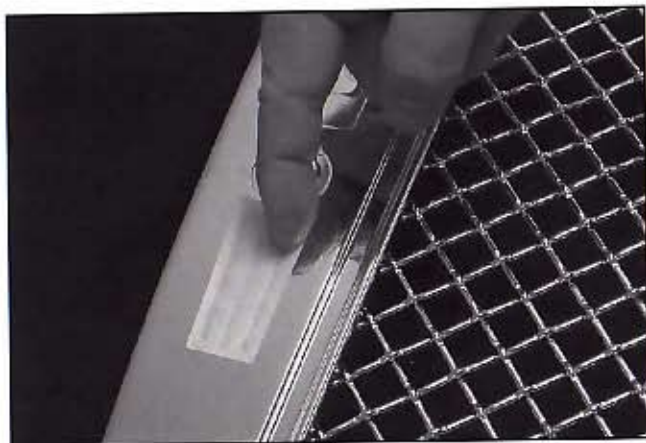


3. Use a plastic body putty spreader to remove the factory grille emblem by pushing it between the emblem and the grille, separating the double faced tape.

IMPORTANT INFORMATION:

The edges of the Stainless Steel mesh and frame can be very sharp! PLEASE HANDLE WITH CARE!

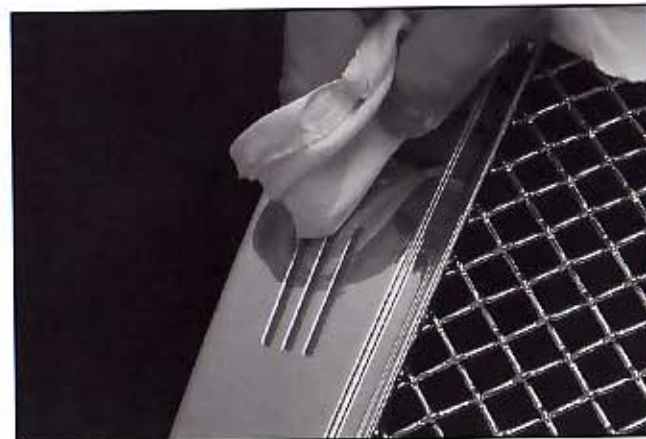
Stainless Steel mesh grille installation procedure shown, "Ultimate" CNC chrome plated grille installation procedure is the same.



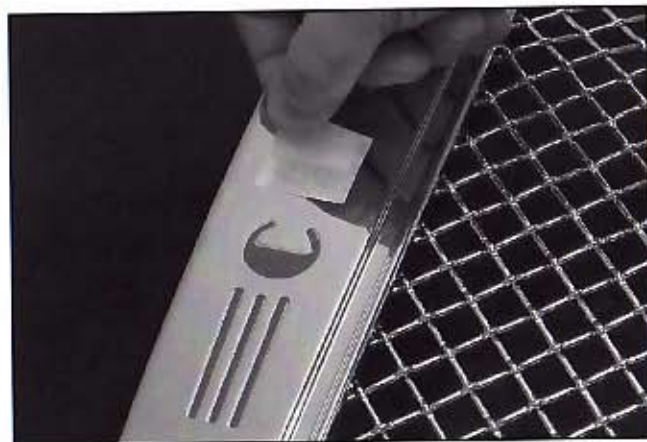
C. Use the edge of a plastic body filler spreader or your fingernail to smooth the vinyl lettering down into the machined recesses of the grille.



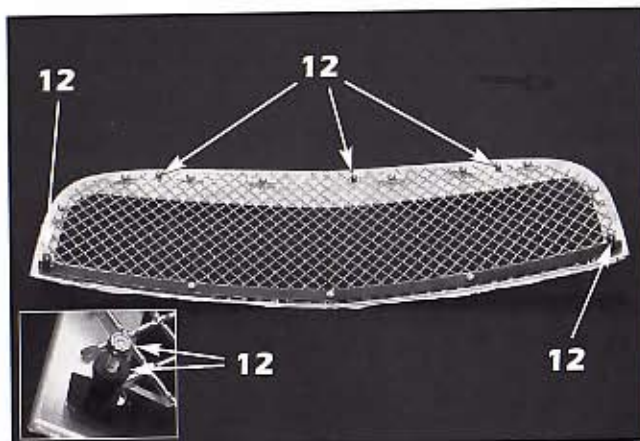
D. Carefully peel back the backing tape, making sure that you do not peel back the vinyl in the process.



E. Use a soft, clean cloth to press any vinyl down that may have lifted during the backing tape removal. Make sure all edges are down inside the machined recesses.

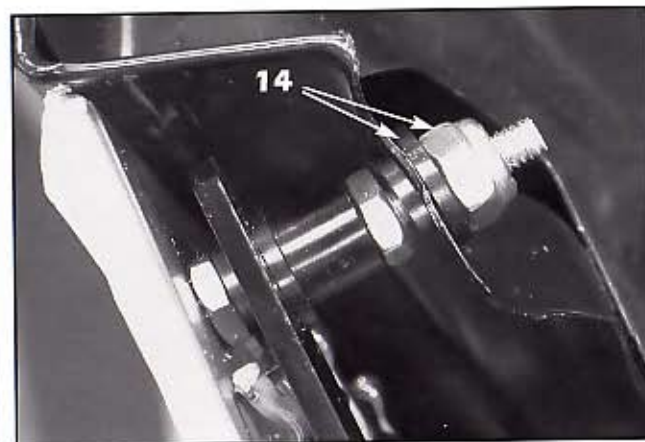


F. Align the letters one at a time, making sure that the recessed areas are clean of grease and fingerprints as you go. You can trim the backing tape to one or two edges of the letters to aid in alignment.



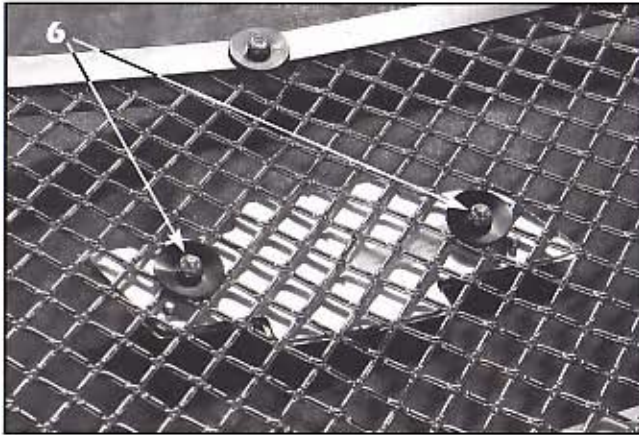
11. For "Ultimate" upper Mesh Grilles: Enlarge the five (5) factory mounting holes in the hood to 3/8" (not shown).

12. For "Ultimate" upper Mesh Grilles: Remove the 8-32 ESNA nuts and one black nylon washer from each of the five (5) studs on the "Ultimate" mesh grille.

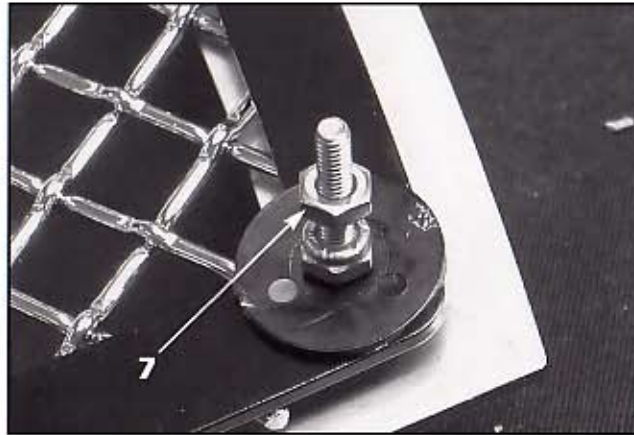


13. For "Ultimate" upper Mesh Grilles: Align the grille onto the hood, making sure all five (5) mounting studs pass through the enlarged mounting holes in the hood.

14. Install the black nylon washer and 8-32 ESNA half nut back onto the outer studs they were removed from in Step 12.



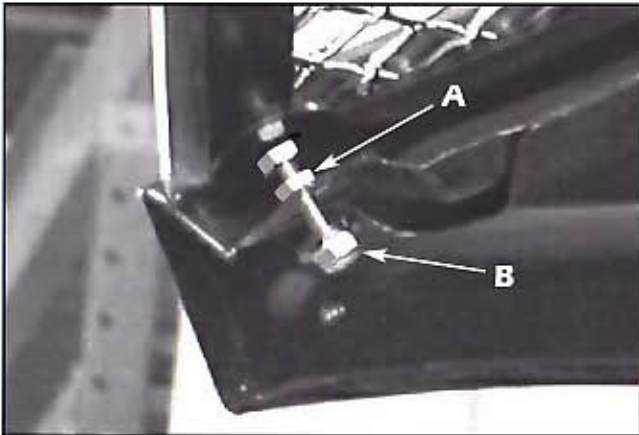
6. Install the emblem onto the center of the mesh grille, using the supplied 1" OD. x .187" I.D. black plastic washers, #10 lock nuts and #8-32 hex nuts.



7. For Stainless Steel upper Mesh Grilles: Install a #8-32 hex nut onto the left and right mounting studs and run it half way down the studs as shown.

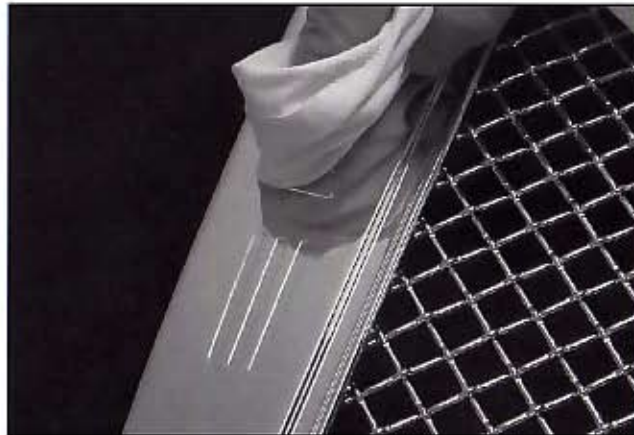


8. For Stainless Steel upper Mesh Grilles: Enlarge the factory mounting holes in the hood to 3/8". Align the grille onto the hood, it may be necessary to slightly bend the mounting studs. Once aligned, install the small black plastic washers and #8-32 ESNA half nuts but do not completely tighten before following Steps 10 and 11.



9. For Stainless Steel upper Mesh Grilles: Adjust the depth of the hex nuts (A) to keep the lower edges of the frame from sinking in too far. Once properly adjusted, finish tightening the #8-32 ESNA half nuts (B) until the grille is flush to slightly recessed with the hood opening. **DO NOT OVER TIGHTEN.** Make sure the black edge guard do not come off the edge of the grille.

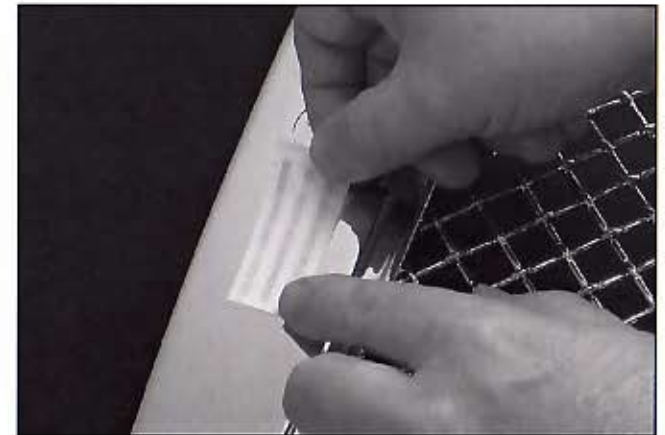
10. For Stainless Steel upper Mesh Grilles: Carefully close the hood and make sure that the bottom of the grille does not come in contact with the top of the bumper cover. You can adjust the hood bumpers if the clearance is unsatisfactory.



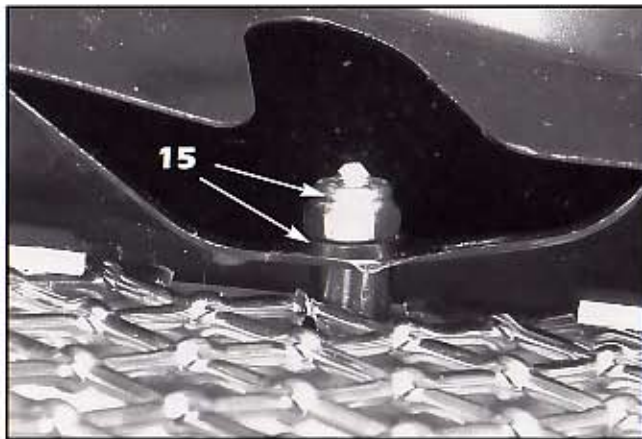
***** For "Ultimate" upper Mesh Grilles only *****

The following steps detail the installation of the "CLASSIC" vinyl lettering into the machined recesses in the grille frame.

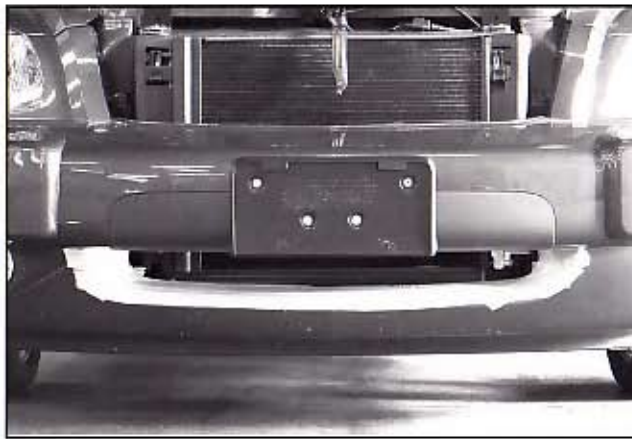
A. Thoroughly clean the top of the frame and the recessed lettering with alcohol and a clean, soft cloth. Repeat this as necessary during the vinyl lettering to remove grease and fingerprints.



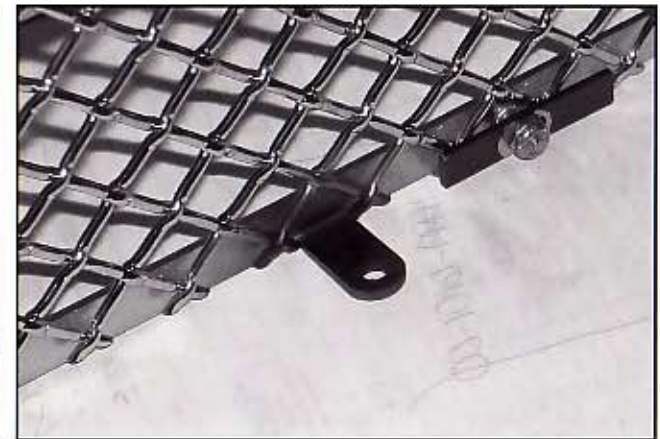
B. Separate the vinyl lettering into separate sections for installation. Align the vinyl lettering over the corresponding recesses. Use light pressure until the alignment is correct, as the vinyl is repositionable.



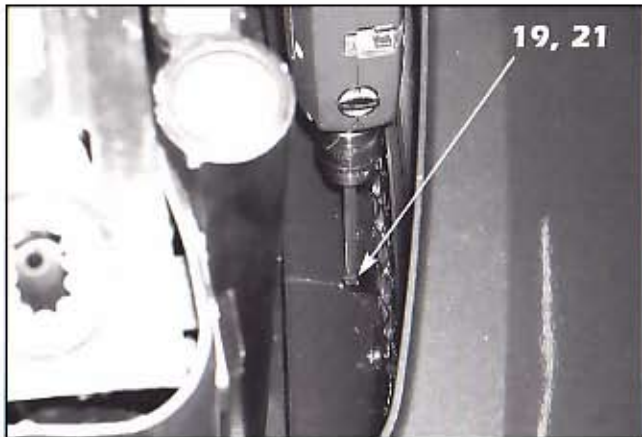
15. For "Ultimate" upper Mesh Grilles: Install the black nylon washers and 8-32 ESNA half nuts onto the center three (3) studs. Make sure the grille is perfectly centered and tighten all five (5) 8-32 ESNA nuts.



16. Apply masking tape to the lower grille opening to protect the paint during the alignment and hole drilling procedures.
17. Paint the lower section of the radiator / condenser prior to grille installation.



18. Apply black paint to the lower grille's bottom mounting tabs to conceal them once the grille is installed.



19. Align the lower grille into place and drill through the lower mounting tabs with a 1/16" drill bit, then remove the grille.
20. Remove any masking tape that will get caught between the grille and the bumper cover.
21. Re-align the lower grille and install the supplied # 8 x 1/2" screws through the existing lower mounting tabs and allow them to tap into the bumper cover until snug. **DO NOT OVERTIGHTEN.**



22. Use a 1/16" drill bit to drill through the upper retaining brackets and bumper cover. Early designs have the tabs to the inside of the grille (as shown), later versions have the mounting tabs to the outside for easier screw installation.
23. Install the lower grille using the supplied # 8 x 1/2" self tapping screws and allow them to tap into the bumper cover until snug. **DO NOT OVERTIGHTEN.**



24. Once the protective liner is peeled off the stainless steel grille sections, E&G recommends wiping the excess glue residue with a mild solvent on a soft cloth to loosen the remaining glue. Once the glue is removed, use glass cleaner or alcohol and a soft cloth to remove the solvent residue. **IMPORTANT: DO NOT USE ABRASIVE CLEANERS OF ANY TYPE ON THE STAINLESS STEEL or CHROME.**

Finished Installation.