

IMPORTANT: PLEASE RETAIN THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE



2010-11 Chevrolet Camaro SS V8 models Mesh Grille Installation Instructions D 04 H1 R Will not fit ZL1

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.

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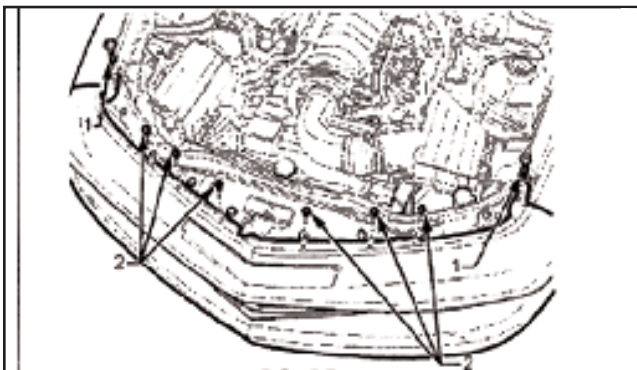
"SS" Part #1412-0102-10SSR		
Quantity	Description	Part No.
1	Upper Fine Mesh Grille (includes): *****	
	Chrome Plated Surround _____	1412-0034-10R
	Chrome Plated Mesh Section _____	1412-0020-10
	(4) 5" Black Cable Ties _____	1999-0301-00
1	Lower Fine Mesh Grille (includes): *****	
	Stainless Steel Surround _____	1412-0022-10SS
	Chrome Plated Mesh Section _____	1412-0021-10SS
	(4) 5" Black Cable Ties _____	1999-0301-00
	(5) #8 x 1-1/4" Black Cap plugs _____	1999-0311-00
1 Set	22 Gage Polished S.S. Fillers _____	Right 1412-0035-10
		Left 1412-0036-10
1	Hardware Kit (components listed below):	1412-1902-10R
	(4) Small Black plastic Washers _____	1999-0256-00
	(6) 5/16" PVC Spacers _____	1999-0273-00
	(19) #8-32 ESNA Half Nuts _____	1999-0065-00
	(10) 1.006" x.189" x.062" Black Plastic Washers _____	1999-0264-00
	(1) "Bow Tie" Emblem Backing Plate _____	1412-0158-10
	(1) Logo Emblem Backing Plate _____	1412-0159-10
	(1) Emblem Hole Location Template _____	1412-0069-10
	(1) Mounting Hole Location Template _____	1412-0068-10
	(42") .045" x .250" Double Faced Tape _____	3004-9250-92
	(1) "SS" Lower Hole Location Template _____	1412-0068-10SS
	(6") .045" x 1" Double Faced Tape _____	3004-9244-92
	(4) #6 x 1/2" Countersunk Phillips Screws _____	3999-9026-00
	(1) #10 Lock Washer _____	1999-9555-00
	(1) #8-32 S.S. Hex Nut _____	1999-9072-00
	(2) No.6 x 3/4" Torx Pin Head Screws _____	1999-0108-00
	(1) Torx T-10 Pin Head Tool _____	1999-0107-00

"SS" Black Ice Part #1412-B102-10SSR		
Quantity	Description	Part No.
1	Upper Fine Mesh Grille (includes): *****	
	Chrome Plated Surround _____	1412-0034-10R
	"Black Ice" Mesh Section _____	1412-0020-10BI
	(4) 5" Black Cable Ties _____	1999-0301-00
1	Lower Fine Mesh Grille (includes): *****	
	Stainless Steel Surround _____	1412-0022-10SS
	"Black Ice" Mesh Section _____	1412-0021-10SSBI
	(4) 5" Black Cable Ties _____	1999-0301-00
	(5) #8 x 1-1/4" Black Cap plugs _____	1999-0311-00
1 Set	22 Gage Polished S.S. Fillers _____	Right 1412-0035-10
		Left 1412-0036-10
1	Hardware Kit (components listed below):	1412-1902-10R
	(4) Small Black plastic Washers _____	1999-0256-00
	(6) 5/16" PVC Spacers _____	1999-0273-00
	(19) #8-32 ESNA Half Nuts _____	1999-0065-00
	(10) 1.006" x.189" x.062" Black Plastic Washers _____	1999-0264-00
	(1) "Bow Tie" Emblem Backing Plate _____	1412-0158-10
	(1) Logo Emblem Backing Plate _____	1412-0159-10
	(1) Emblem Hole Location Template _____	1412-0069-10
	(1) Mounting Hole Location Template _____	1412-0068-10
	(42") .045" x .250" Double Faced Tape _____	3004-9250-92
	(1) "SS" Lower Hole Location Template _____	1412-0068-10SS
	(6") .045" x 1" Double Faced Tape _____	3004-9244-92
	(4) #6 x 1/2" Countersunk Phillips Screws _____	3999-9026-00
	(1) #10 Lock Washer _____	1999-9555-00
	(1) #8-32 S.S. Hex Nut _____	1999-9072-00
	(2) No.6 x 3/4" Torx Pin Head Screws _____	1999-0108-00
	(1) Torx T-10 Pin Head Tool _____	1999-0107-00

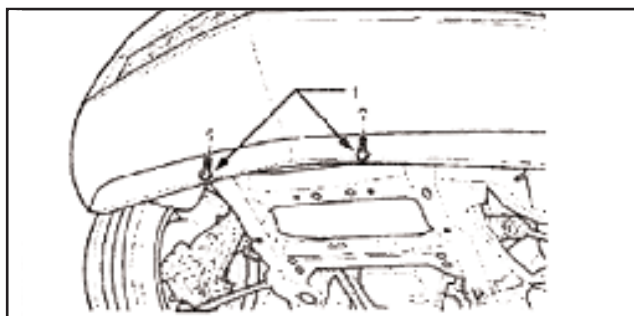
Please take your time and read the instructions. While this appears to be a very complicated procedure, if you take this job one step at a time, you will find that the average person can perform this procedure without difficulties.

E&G Classics recommends that as you remove the various push fasteners, screws and bolts from the bumper cover, place them in bags or containers and indicate the locations they were removed from. All fasteners must be installed back in the holes they came out of for proper reassembly.

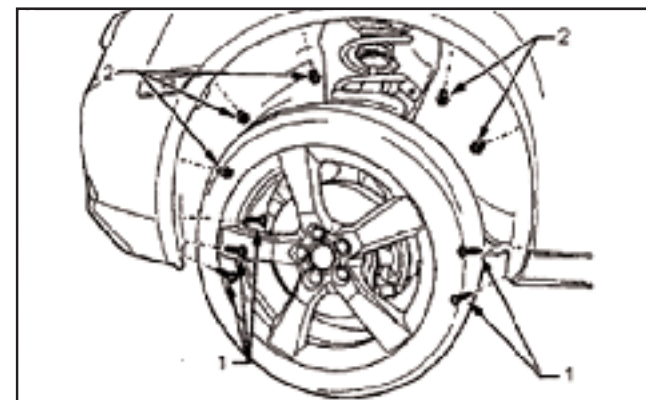
******* IMPORTANT! *******
The exposed edges of the grille surrounds and mesh can be extremely sharp. Please handle with care.



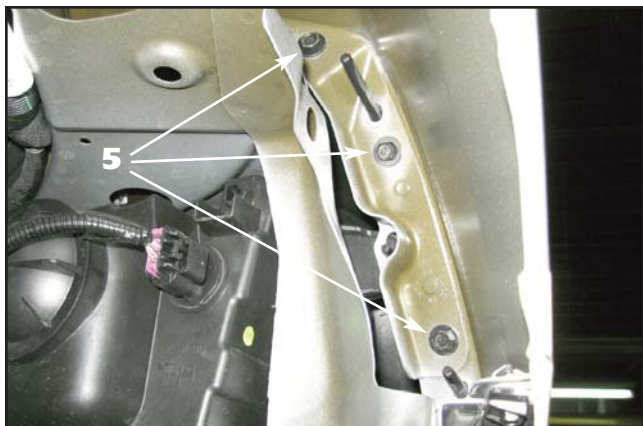
1. Open the vehicle hood.
2. From under the hood, remove the six screws (2) along the top edge of the fascia.



- **** IMPORTANT ******
Raise the vehicle on a lift. When lifting with a jack, install jack stands underneath the front subframe. Do not rely solely on the jack to support the front of the vehicle.
3. Remove the two 10mm bolts from under the fascia.



4. Turn the two front wheels for access. Remove the LHS front wheel well liner by removing the three screws from the front and two screws for the rear of the liner (1). Use a thin release tool to remove the five screws (2) and remove the liner.



5. Remove the three (3) 10mm hex bolts retaining the bumper cover to the front fenders (per side).



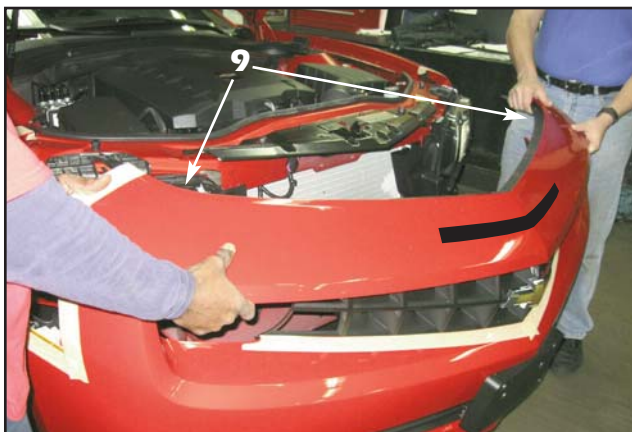
6. Remove the factory black 10mm hex bolt and the factory black 7mm hex bolt (where shown) that secure the edge of the bumper cover to the front fender.



7. Unplug the main electrical harness at the connector located on the passenger side underneath the headlight assembly by pushing down on the plug clip to release.



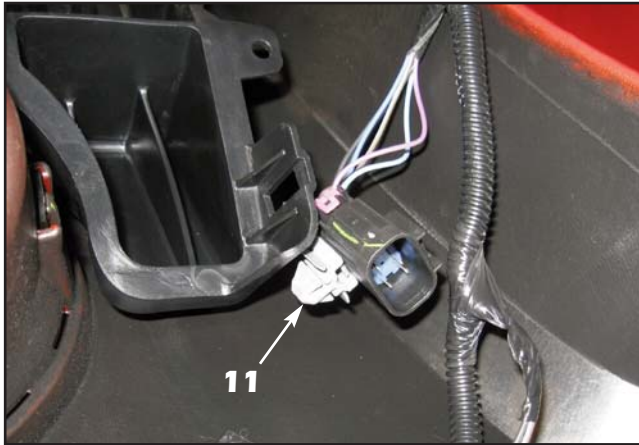
8. With the help of an assistant, remove the top outer 10mm hex bolts retaining the bumper cover to the front fenders. Do not let the bumper cover shift or move until you are ready to pull the bumper cover free from the front fenders.



9. With the help of an assistant, place the bumper cover onto a clean, flat work area, face up for the following procedures.



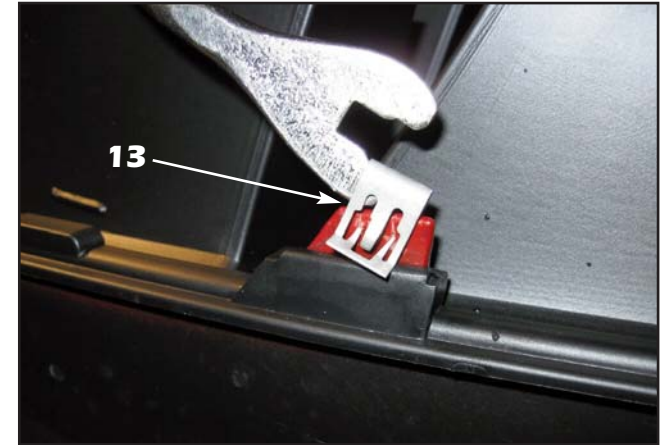
10. Turn the bumper cover over and remove the wire harness from the plastic front bumper support.



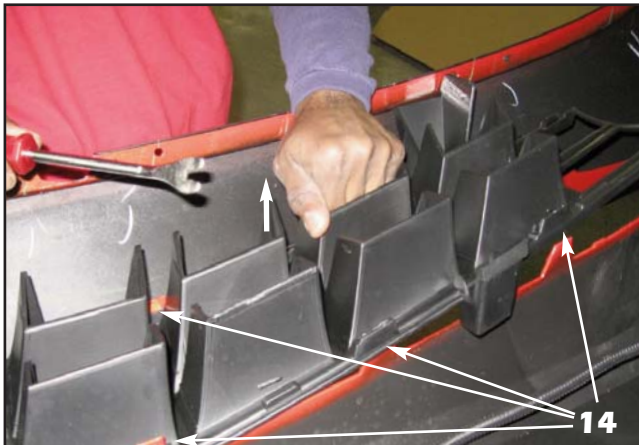
11. Remove the electrical connector from the plastic front bumper support.



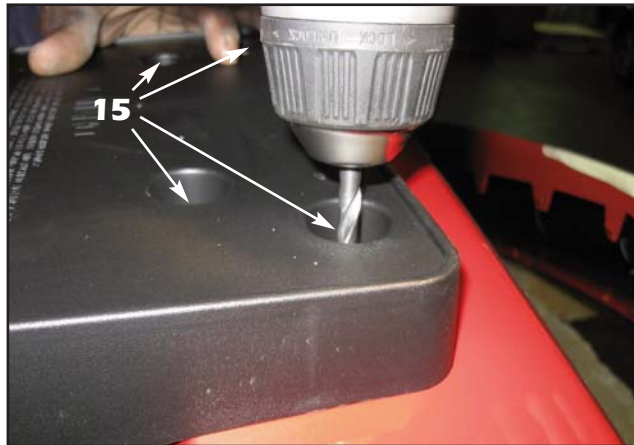
12. Unclip and remove the plastic bumper reinforcement from the back of the bumper cover.



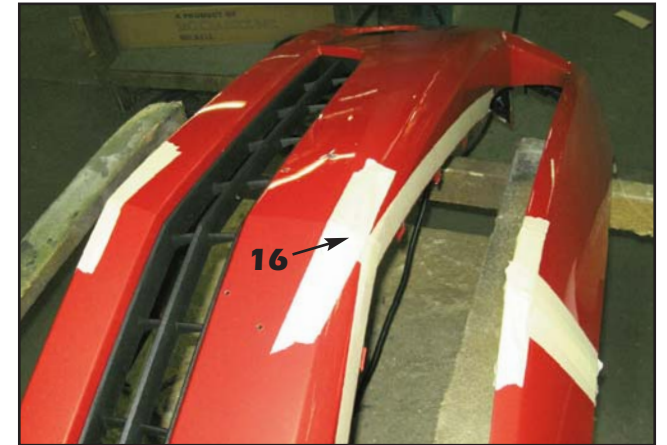
13. Use a small flat blade screwdriver to remove the metal retaining clips underneath the factory upper grille insert. A door panel clip removal tool (shown) works as well.



14. Remove the factory grille insert by using a small flat blade screwdriver to pry out on the factory insert to clear the mounting tabs on the bumper cover, then pull the factory grille insert out from the back.



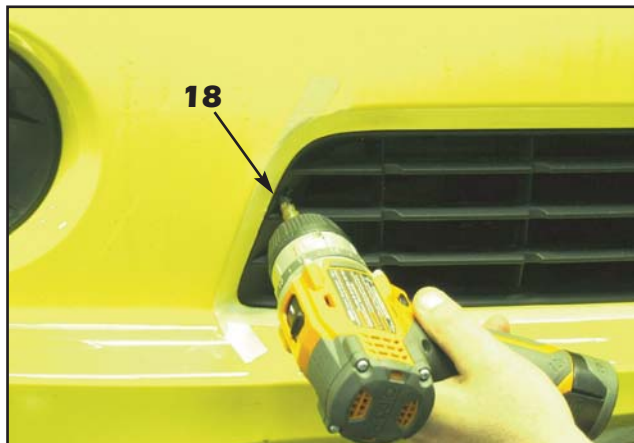
15. Remove the front license plate bracket if equipped. Drill out the factory rivets using a 1/4" drill bit (you might have to hold the back of the rivets with vise grips if the rivets start spinning).



16. Apply additional layers of masking tape to the bumper cover once the front tag bracket has been removed.



17. Cut out and align the **lower hole location template** onto the lower grille in the bumper cover opening and use masking tape to hold it in place. Use an awl or similar pointed tool to mark the hole location onto the plastic grille (as shown). Untape the **template**, flip it over and mark the opposite side.



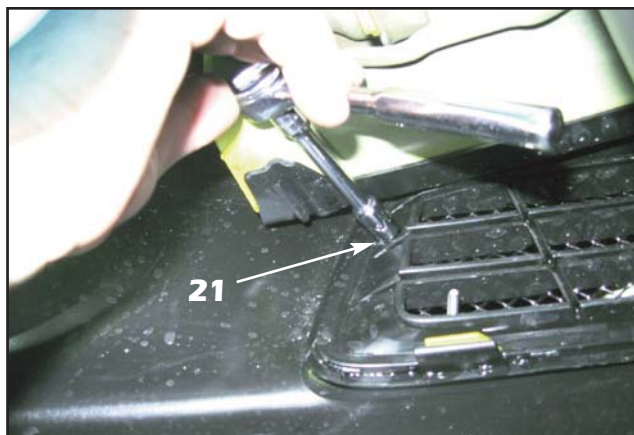
18. Use a 5/16" drill bit to drill through the marks made in the plastic lower grille prior to grille alignment.



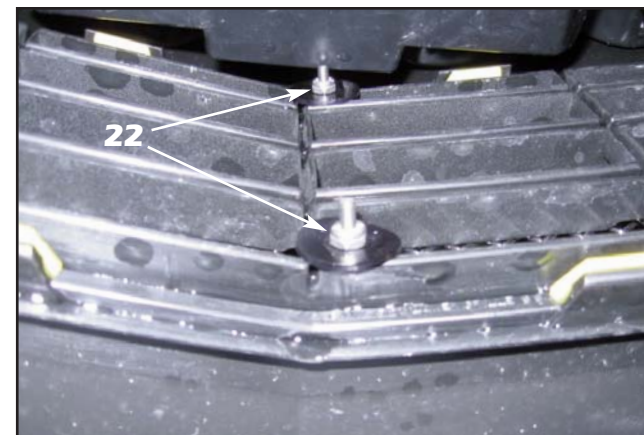
19. Paint the lower grille mounting studs black to help conceal them once the grille is installed (as shown).



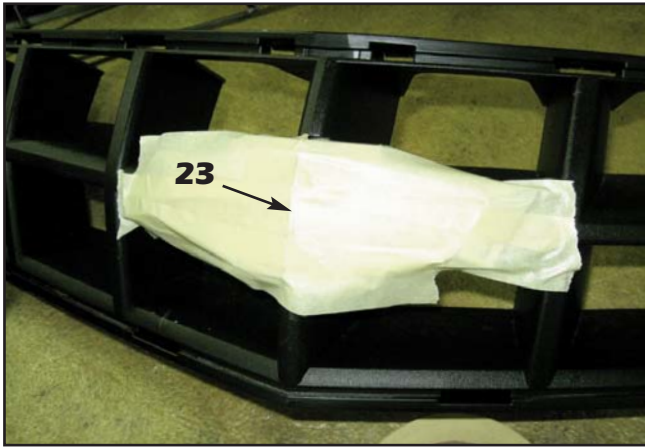
20. Use a 1/16" drill bit to drill through the holes in the lower surround and install the supplied #6 x 3/4" torx pin head screws (RS shown, SS similar).



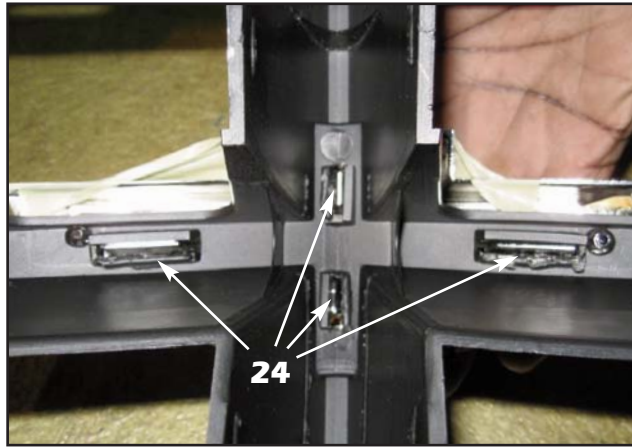
21. Install the supplied **small black plastic washers** and **#8-32 ESNA half nuts** to the outer studs and completely tighten. **DO NOT OVERTIGHTEN** or you could damage the lower grille surround by indenting it at the stud locations.



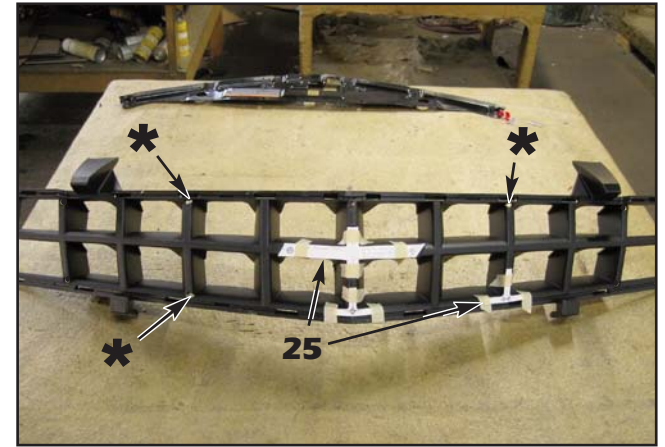
22. Install the **large black plastic washers** and **#8-32 ESNA half nuts** onto the studs and tighten. **DO NOT OVERTIGHTEN** or you could damage the **lower grille surround** by indenting it at the stud locations. As you tighten the **ESNA nuts**, the **washers** will draw down at an angle.



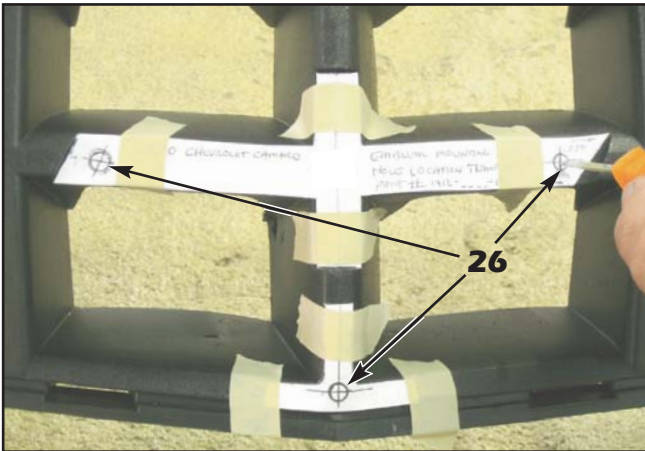
23. Apply layers of masking tape to the grille emblems (bow tie emblem shown, do the same to the "RS" emblem if equipped).



24. Turn the grille over and using a flat blade screw driver, insert it between the emblem tabs and the mounting slots, twist the screw driver and pull the emblem(s) off the factory grille (bow tie emblem shown, do the same to the "RS" emblem if equipped).



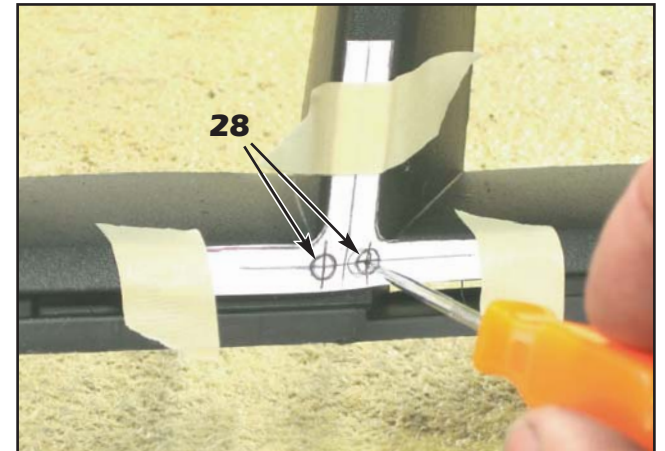
25. Cut out the supplied **templates** and tape them into place as shown. The **outer hole location template** is used at all additional areas indicated in the above picture with an **asterisk ***.



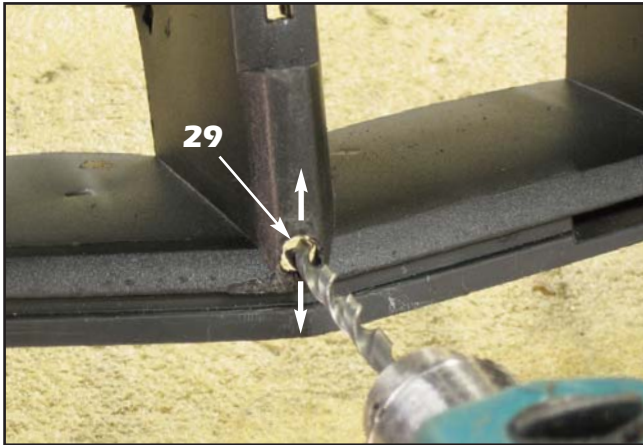
26. Use an awl or similar pointed tool to make the centers of the hole locations onto the factory grille.



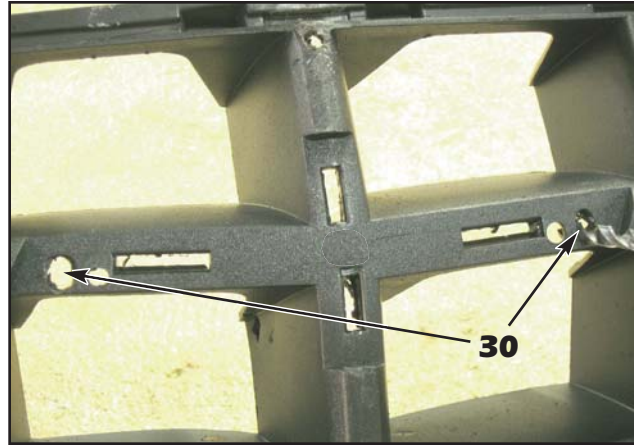
27. Once the lower center hole location is marked, remove the template, turn it upside down and tape it to the top of the grille, making sure the top center is flush with the edge of the channel. Mark the hole location once taped into place.



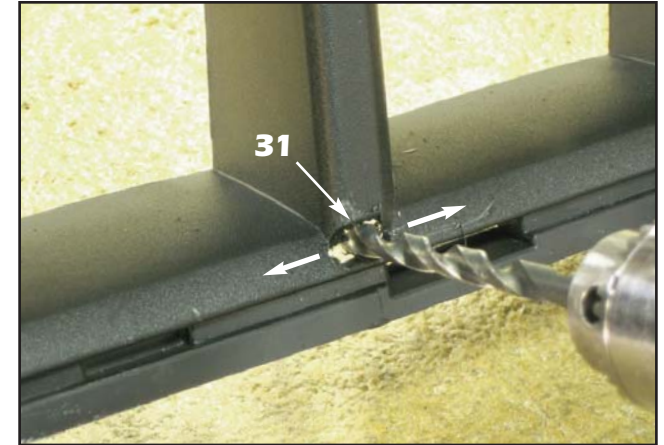
28. For the **outer hole locations**, be sure to mark both hole locations, as these areas will require a slot to be made in order for the mesh grille surround studs to pass through.



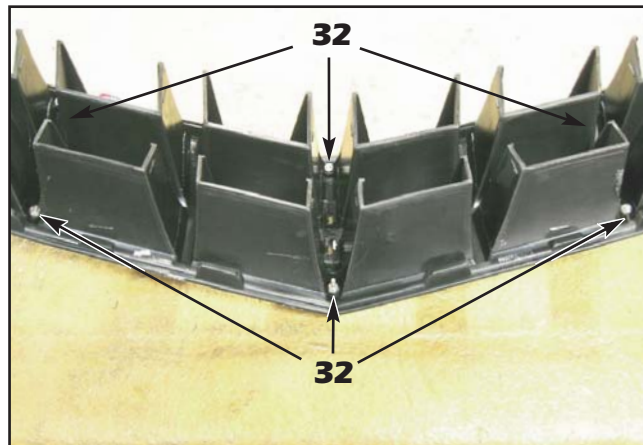
29. Drill a pilot hole through the marks made using the templates using a .125" (1/8") drill bit, then enlarge the holes to 1/4" diameter. Slot the hole up and down slightly with the drill bit.



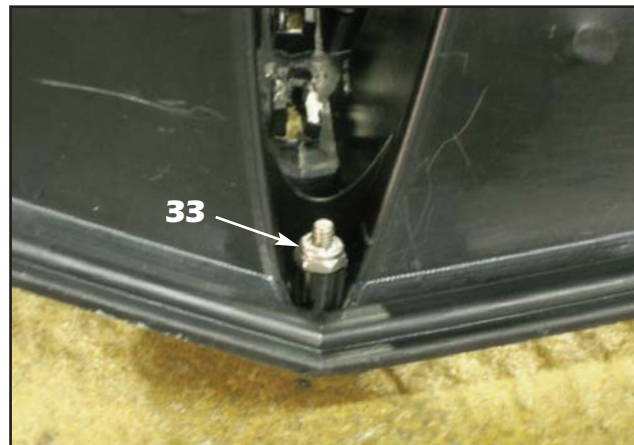
30. Drill the emblem mounting holes with a .125" (1/8") drill bit (pilot holes) , then enlarge the holes to 1/4" diameter.



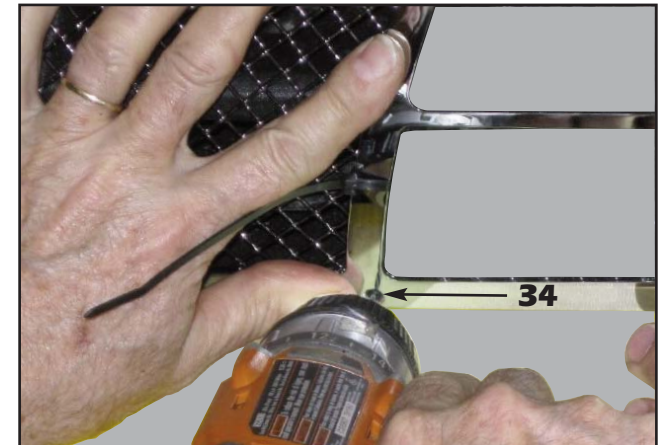
31. Drill the outer mounting holes with a .125" (1/8") drill bit (pilot holes) , then enlarge the holes to 1/4" diameter. Use the drill bit to create a slot between the holes.



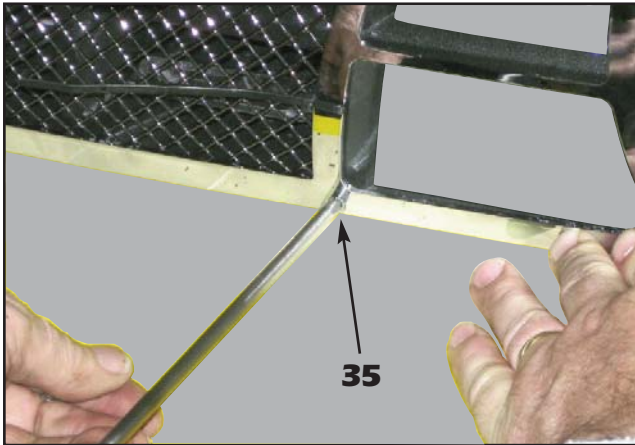
32. Align the **mesh and surround** into place, making sure all studs have passed through the holes drilled in the previous steps. Turn the grille over to install the supplied 5/16" PVC spacers and #8-32 ESNA half nuts. Only the center six (6) studs will require the use of the supplied spacers. **Hand tighten the ESNA nuts only at this time!**



33. Close up of the installed 5/16" PVC spacer and ESNA half nut at the bottom center of the grille.



34. Carefully drill through the outer grille mounting holes using a 1/16" drill bit.



35. Push in on the **grille surround** and install the supplied **#6 x 1/2" countersunk phillips screws** but **DO NOT OVERTIGHTEN**. Over tightening will strip out the mounting holes!



36. Turn the bumper cover assembly over and make sure that the mesh does not protrude past the edges of the surround, and that the surround does not overlap the mounting channel of the factory grille insert. If it overlaps, you will not be able properly install the grille back into the bumper cover. **Shift the mesh or surround as necessary. Snug the ESNA half nuts (do not completely tighten at this time), then cut off the black cable ties.**



37. Align the **emblem mounting plate** over the back of the factory grille emblem, making sure all the factory mounting tabs pass through the slots in the **mounting plate**.



38. Using a small flat blade screwdriver, fit the tip down into the **small slot** cut into the **tab** (as shown).



39. Bend the **retaining tabs** towards the factory mounting tabs until they hook underneath, locking the emblem to the **mounting plate**.



40. Close up of the **retaining tab** properly bent to engage the factory mounting tab, keeping the emblem tight against the **mounting plate**.

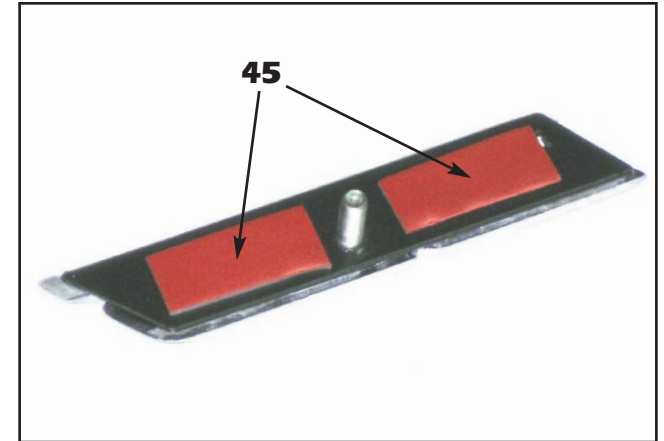
41. Bend all remaining **tabs** to secure the emblem to the **mounting plate** (not shown).



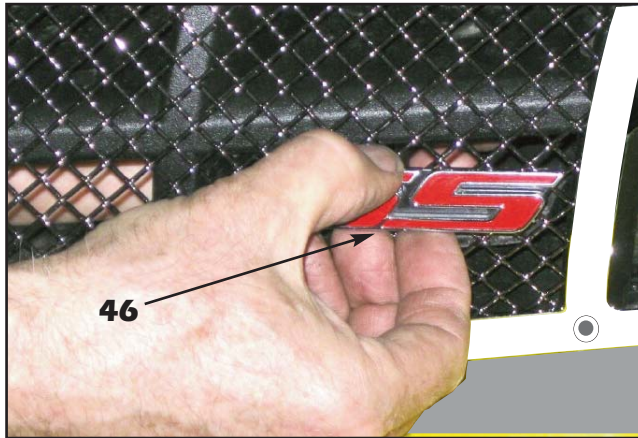
42. Align the emblem assembly onto the mesh grille, making sure the mounting studs fit through the holes drilled in *Step 30*.



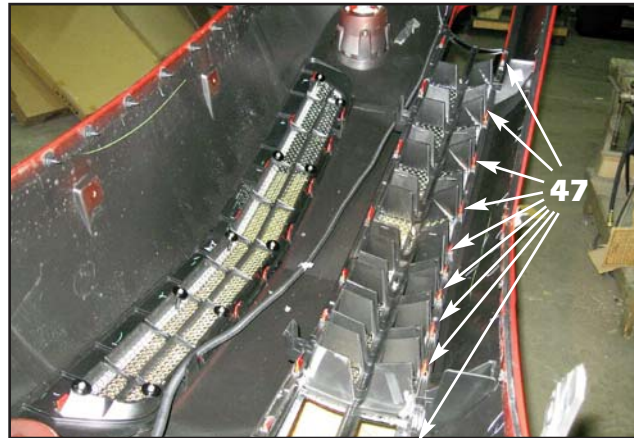
43. Install the supplied **#8-32 ESNA half nuts** and **small black plastic washers** to secure the emblem to the mesh grille.



44. Adhere the emblem to the supplied **logo backing plate**.
45. Install **.045 x 1" double faced tape** onto the back of the **emblem mounting plate** and remove the liner (where shown, see arrows).



46. Prior to grille installation, align and install the **emblem assembly** onto the **mesh grille** in the approximate place it was on the factory grille using the supplied **large black plastic washer**, **#10 lock washer** and a **#8-32 hex nut** and tighten until the emblem is snug. The tape will keep the emblem from rotating.



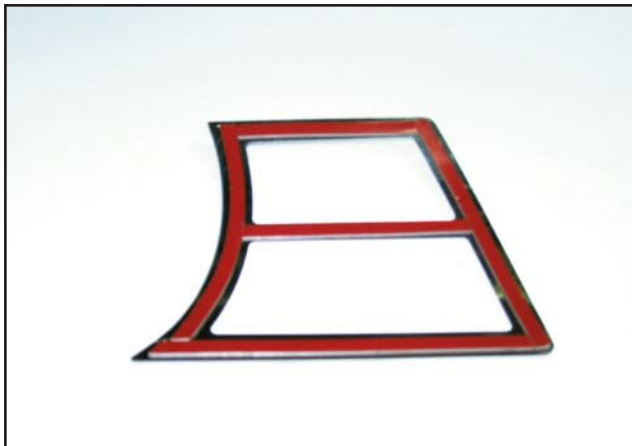
47. Reinstall the assembled upper mesh grille into the bumper cover, making sure all bumper cover tabs clip into place.



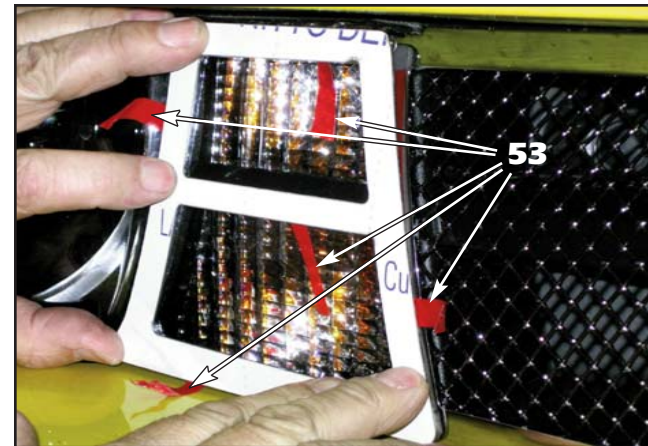
48. Once the upper and lower grilles are in place, reinstall the plastic bumper reinforcement by snapping it over the bosses on the factory portion of the upper grille assembly.
49. Reinstall the electrical wire harness and connector removed in **Steps 10 & 11**.



50. With the help of an assistant, realign the bumper cover back onto the vehicle, making sure the alignment pins line up with the holes in the front fenders. Reverse the removal procedure to reinstall the front bumper cover back onto the vehicle. Once the bumper cover is secure, remove the protective masking tape (not shown).



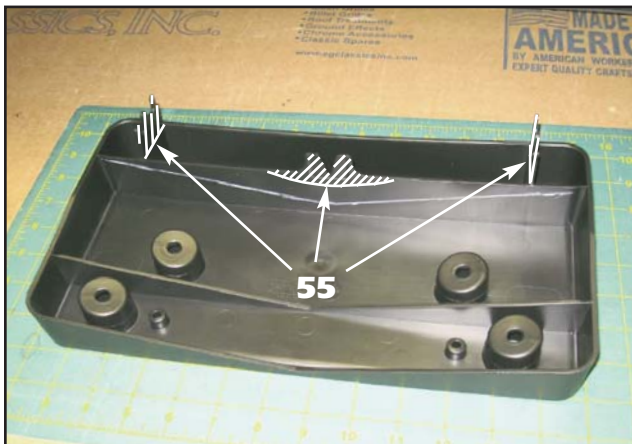
51. Install the supplied .045 x .250" double faced tape to the back of the stainless steel overlays as shown.



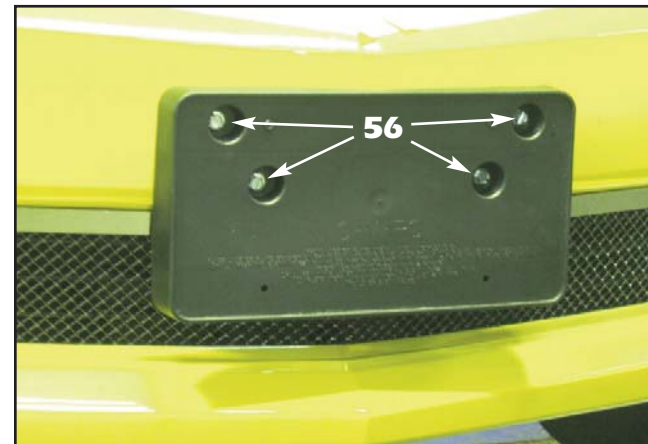
52. Peel back a small section of the double faced tape liner from each piece of double faced tape and fold it over.
53. Carefully align the overlay so that the edges are flush with the mesh surround. Once properly aligned, begin pressing on the overlay while pulling off the remaining tape liner. Once all the liner has been removed, firmly press the overlay into place to set the tape.



54. Peel off the protective liner from the stainless steel overlay and use a mild solvent to remove any glue residue. Use alcohol or glass cleaner to remove any solvent residue.



55. Use a grease pencil to mark the areas that need to be trimmed on the front license plate bracket (as shown). Use a small disc grinder to remove the section of the bracket (cross hatched areas) that would interfere with reinstallation.



56. Reinstall the front license plate bracket (if equipped).



57. Remove the protective cover from the lower mesh grille surround. Use a mild solvent to remove any glue residue from the surround, then use glass cleaner or alcohol to remove any solvent residue.
58. Finished installation.

WARRANTY INFORMATION:

E&G Classics, Inc. warrants its chrome parts and products to be free from defects in material, workmanship or finish for Thirty-Six (36) months from the date of shipment by E&G. This warranty is limited to the repair or replacement, at E&G Classics option, of the defective part or product.

To obtain performance under this warranty you must:

- 1.) Present your E&G unit to an authorized distributor in your area with proof of purchase.
- 2.) If no distributor is available, contact E&G Classics (address below) for authorization to return unit.
- 3.) Returns - All unauthorized returns will be refused. Merchandise approved by E&G for return must have been purchased within the Thirty-Six (36) months. All returns require an authorization number obtained from E&G and the actual return must be accompanied by the written authorization form filled out completely. All merchandise must be inspected upon receipt and shortages reported within 48 hours. All merchandise must be in a resalable condition. Merchandise must be packed carefully in the original packing. If original packing is no longer usable, repack item(s) comparable to original manner. All returns are subject to a 25% handling charge. Special order items are not returnable. Defective merchandise must have an explanation of the problem. No credit will be issued unless invoice number and date of purchase has been supplied. Manufacturer shall be sole judge of defects in a product.
- 4.) UPS accounts - All returns must be prepaid. Do not send return shipments freight collect. Once E&G has made its decision and it is a claim against our warranty policy, E&G will credit incoming freight on damaged parts.
- 5.) No discontinued part or parts changed due to body style are returnable.

**For Return Authorization, write or telephone: E&G Classics, Inc.,
8910 McGaw Court, Columbia, MD 21045 (410) 381-4900
Attn.: Return Department.**

You are responsible for inspecting all packages containing E&G Classics' parts and product immediately upon their receipt and must file a claim with the carrier for any damage disclosure by such inspection and notify E&G classics in writing at the above address of any such damage. This warranty does not extend to any of our products which have been subject to misuse, neglect, accident or have been altered or repaired in any way. This warranty does not cover any accidental or consequential damages for any breach of this warranty agreement. E&G Classics shall have no responsibility for any loss of time, inconvenience, commercial loss or consequential damage, nor shall E&G be liable for any injury or damage to persons or property by reason of any defect in material, workmanship or finish of its parts or products. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

6" Line to check
scale when faxed

