

IMPORTANT: PLEASE RETAIN THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE



2011 KIA Sorento LX, EX & 2011 KIA Sorento SX Upper Stainless Steel Mesh Grilles

G 12 H1 R

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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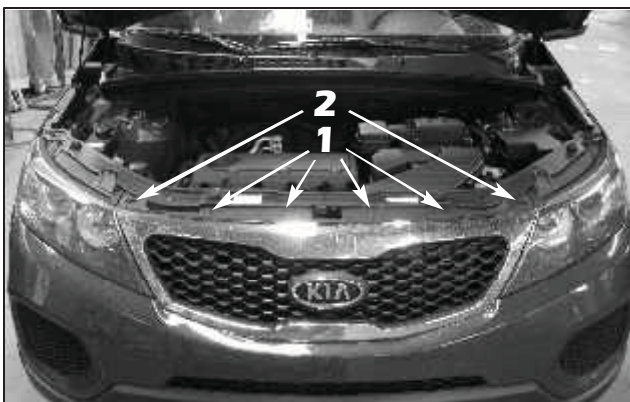


LX & EX Model Mesh Grille Part # 1311-0102-11

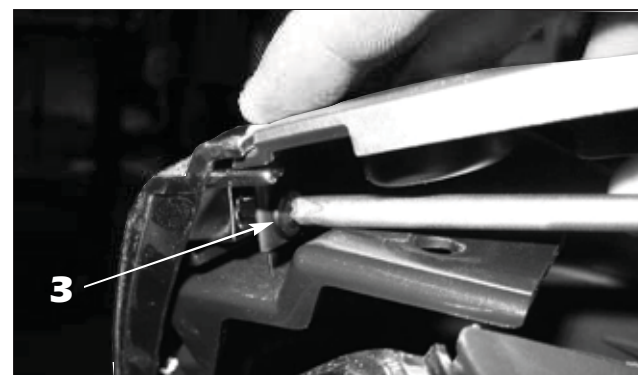
Quantity	Description	Part No.
1	Upper Fine Mesh Section	1311-0020-11
1	Hardware Kit (items listed below):	1311-1902-11
(1)	Emblem Surround	1311-0045-11
(1)	ZZ Gage Emblem Hole Drilling Template	1311-0068-11
(2)	#8-32 ESNA Half Nuts	1999-0065-00
(2)	3 Hole Mounting Brackets	1108-0158-97
(10)	#8 x 5/8" Black Truss Screws	3999-9031-00
(10)	S.S. Finishing Washers	3999-9105-00R

SX Model Mesh Grille Part # 1311-0102-11SX

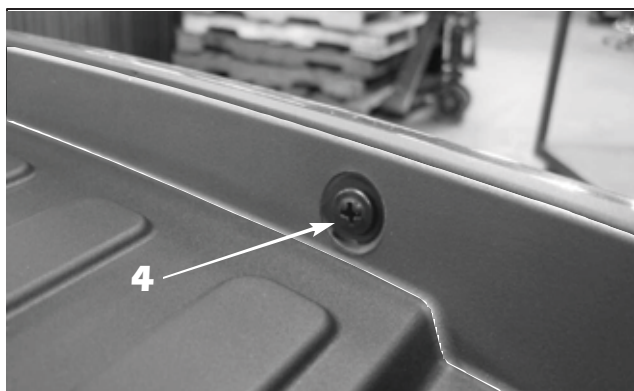
Quantity	Description	Part No.
1	Upper Fine Mesh Section	1311-0020-11SX
1	Hardware Kit (items listed below):	1311-1902-11SX
(14)	#8 x 5/8" Black Truss Screws	3999-9031-00
(14)	S.S. Finishing Washers	3999-9105-00R
(4)	7/8" O.D. x 1/4" I.D. Plastic Washers	1999-9601-00
(2)	#8 x 3/8" Black Truss Head Screws	1999-9574-00



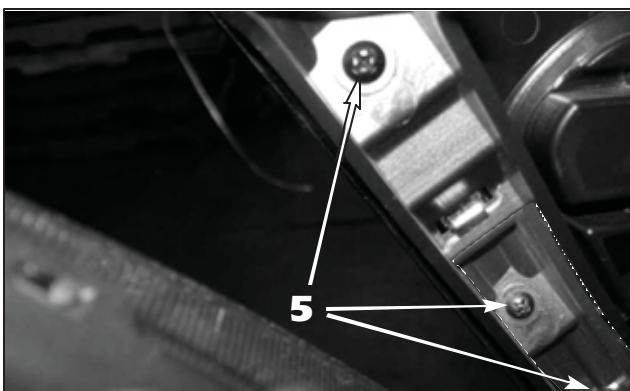
1. Open the hood and remove the factory 10mm hex bolts from the radiator panel.
2. Remove the factory 10mm hex bolts from each end of the radiator panel.



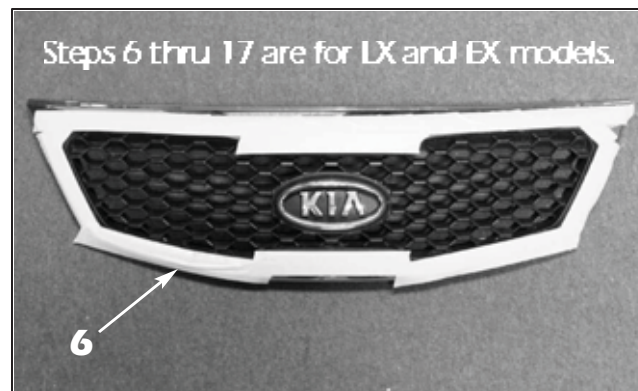
3. Pull the top of the grille out just enough to access the upper out top plate securing screws. Use a phillips screwdriver to remove these screws (one each end). Do not pull too far, you could damage the factory grille.



4. Remove the phillips screws securing the factory upper plate to the top edge of the grille and remove the top plate.

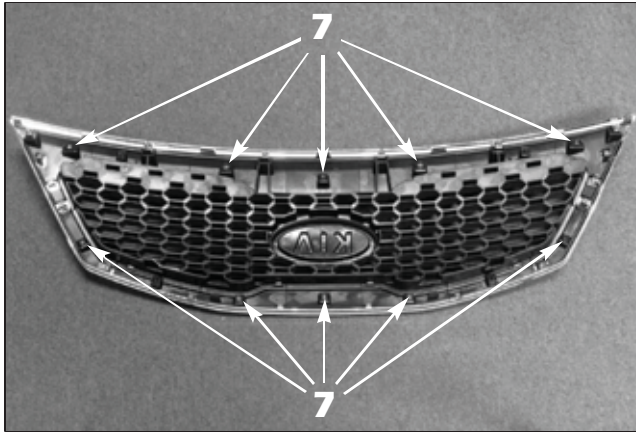


5. Pull the grille our far enough to expose the factory screws retaining the grille to the bumper cover. Remove these screws frist, then remove the screws across the bottom of the grille. Pull forward on the grille to remove it from the bumper cover.

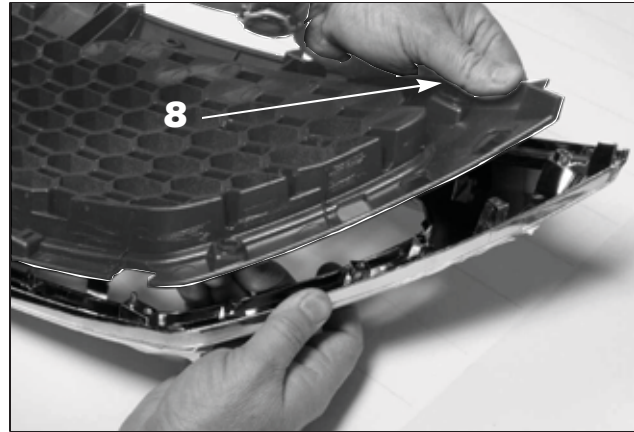


6. Place the factory grille onto a clean work surface and apply masking tape to protect the chrome finish of the surround.

Steps 6 thru 17 are for LX and EX models.



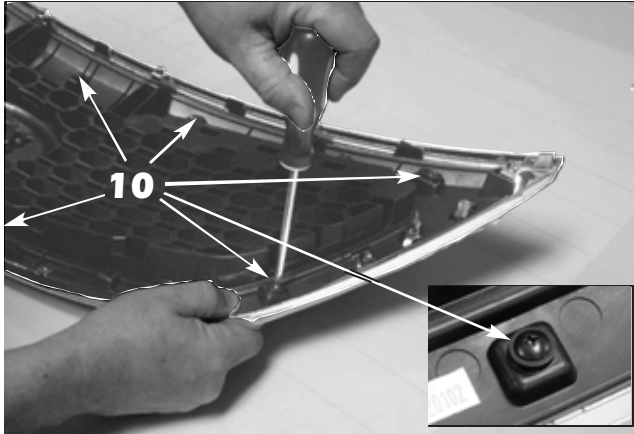
7. Turn the grille over and remove all the factory retaining screws holding the grille insert to the chrome surround.



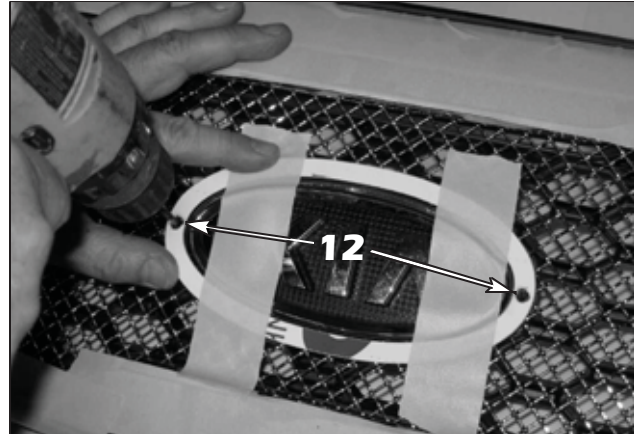
8. Remove the factory grille insert from the chrome surround by lifting it out.



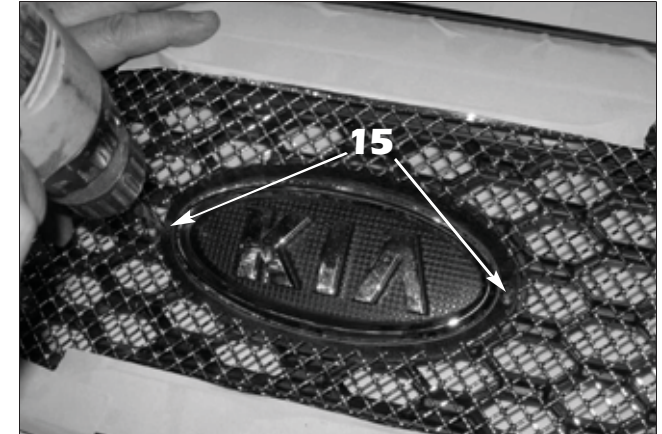
9. Carefully align the **upper mesh section** behind the factory chrome surround, making sure that the mesh section overhangs the surround opening the full perimeter. Make sure the mesh is tight against the lower alignment tabs (see arrows).



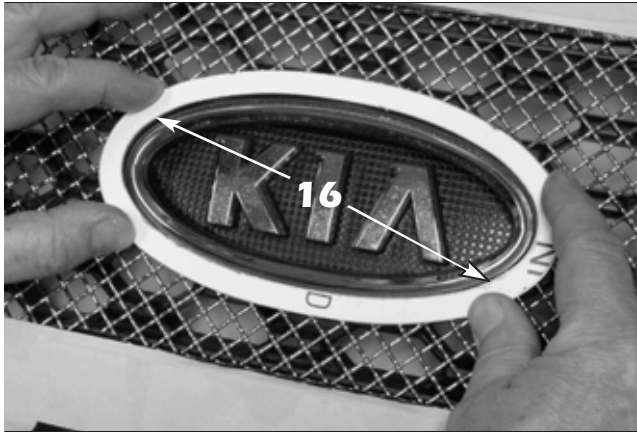
10. Once the mesh section is in place, realign the factory grille insert and install the supplied **#8 x 5/8" stainless steel screws** and **stainless steel finishing washers**. Do not let the mesh insert shift while aligning the factory insert. Make sure all factory tabs are aligned back into the slots in the factory insert.



11. Align the supplied **22 gage hole drilling template** around the factory emblem and once perfectly centered, use masking tape to hold it in place during the following hole drilling procedure.
12. Use a 1/8" (.125") drill bit to drill through the exact centers of the holes in the **22 gage hole drilling template** and through the factory grille insert.



15. Use a 5/16" drill bit to enlarge the holes drilled in the previous step.



16. Install the **emblem surround**, making sure it is perfectly aligned. You may have to slightly slot the holes up and down in order for the surround to fit properly.



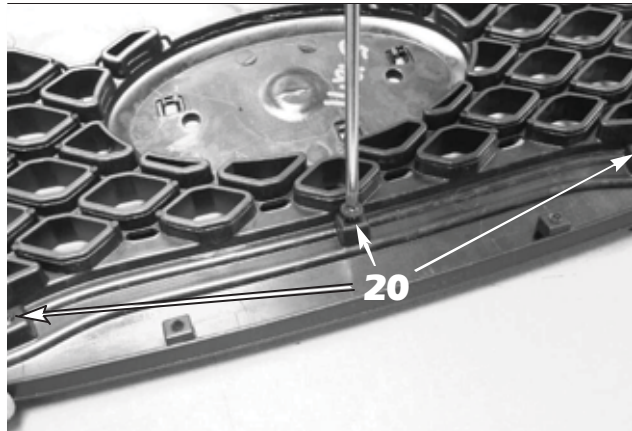
17. Install **3 hole mounting brackets** and **#8-32 ESNA half nuts** onto the emblem ring studs and tighten.



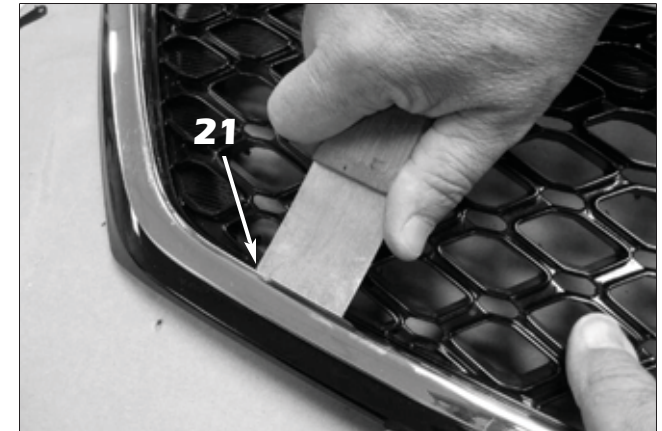
18. Remove the factory KIA emblem by using a flat blade screwdriver to unclip the emblem and pull it straight out.



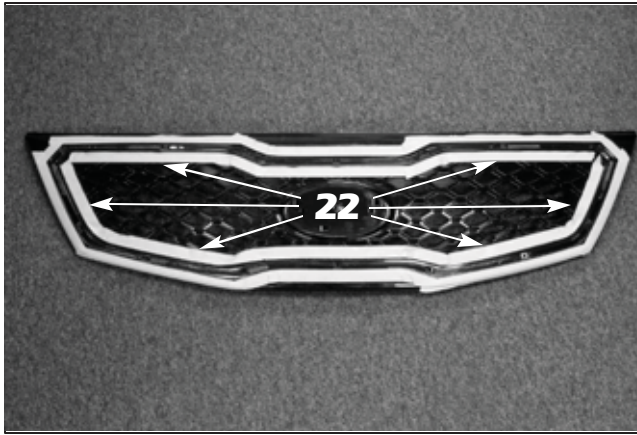
19. Apply masking tape to the chrome moulding on the factory grille.



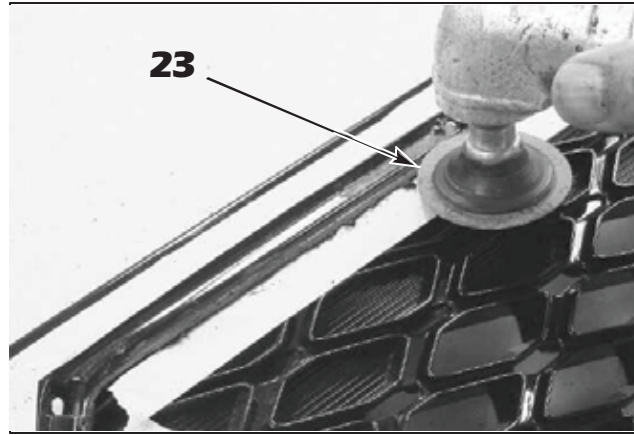
20. Turn the grille over and remove the fourteen (14) factory phillips screws retaining the factory chrome trim.



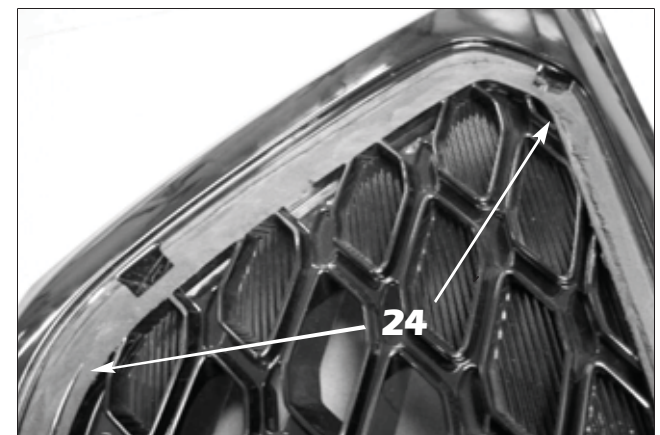
21. Turn the grille over and use a flat blade screwdriver to push out on the upper horizontal chrome moulding lamination tabs (not shown). Carefully use a tucking tool to slice through any double faced tape holding the chrome moulding onto the grille, then remove the chrome moulding.



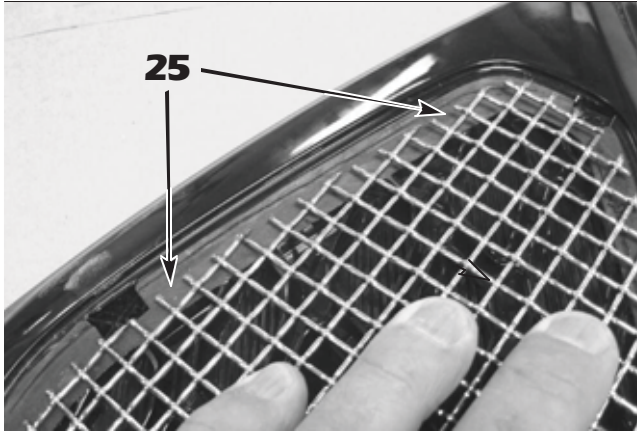
22. Apply masking tape to the grille recessed area and the surface around the chrome moulding recess.



23. Extreme caution: Use a disc grinder to remove the raised portion of the factory grille around the factory grille mesh section. Grind the raised area until it is flush with the portion of the grille that was covered by the chrome trim.



24. Additional grinding is necessary between the arrows in the above photo. Hold the disc grinder at the same angle as the factory grille mesh and grind into the area underneath the factory chrome moulding until it is flush in height with the factory mesh. Approx. 1/8" of plastic needs to be removed from the sides of the factory grille.



25. Align the **mesh section** over the factory grille and make sure that the mesh fits flush with the outer edge of the factory grille where the chrome moulding aligns. If the mesh is not flush, the chrome moulding will not fit properly when reinstalled.



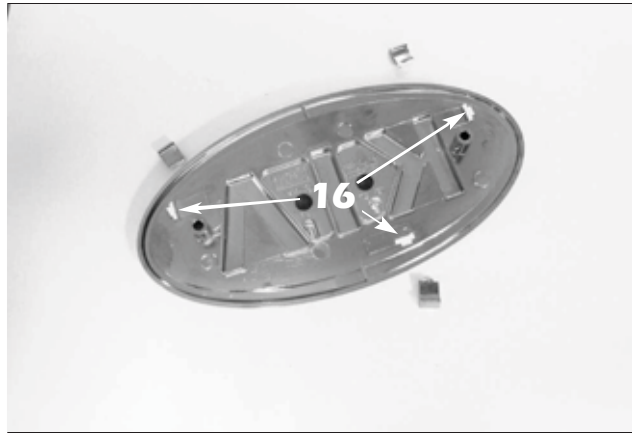
26. Once the mesh has been test fitted and it is flush, use an X-acto knife or a razor blade and remove any ground off plastic burrs prior to mesh installation.



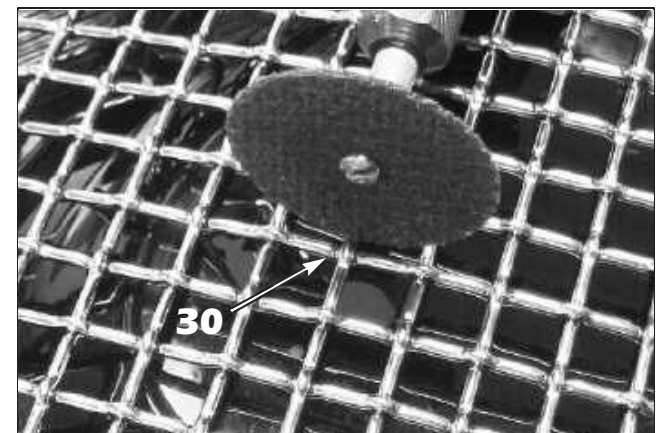
27. Align the **mesh section** and the factory chrome moulding over the factory grille.



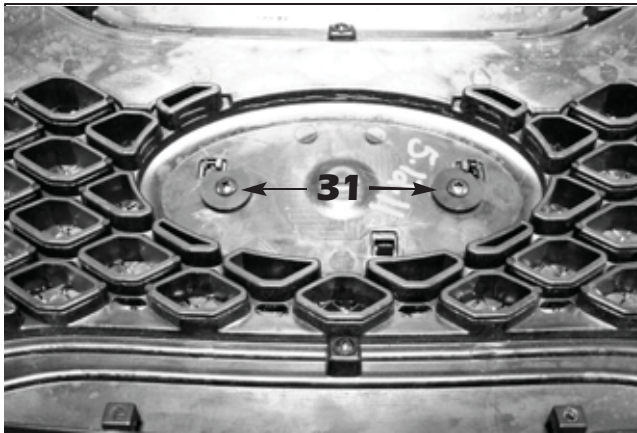
28. Carefully turn the grille over and install the supplied **#4 x 1/2" countersunk phillips screws** and the **finishing washers** to secure the **mesh** and factory chrome moulding to the grille. These screws replace the factory ones removed in **Step 20**.



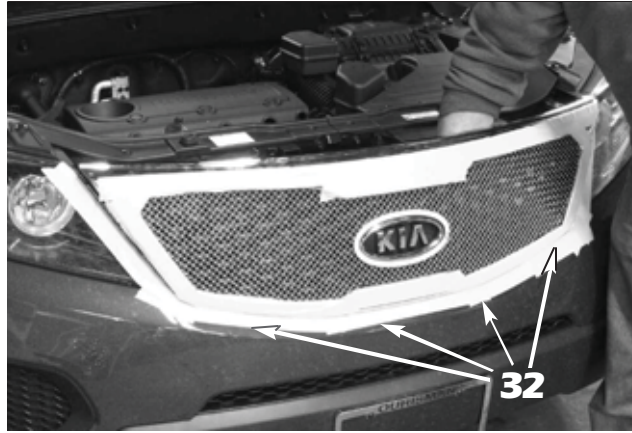
29. For optional factory emblem installation: Snap off the factory tabs from the back of the factory grille emblem. Use a disc grinder to smooth the back of the emblem.



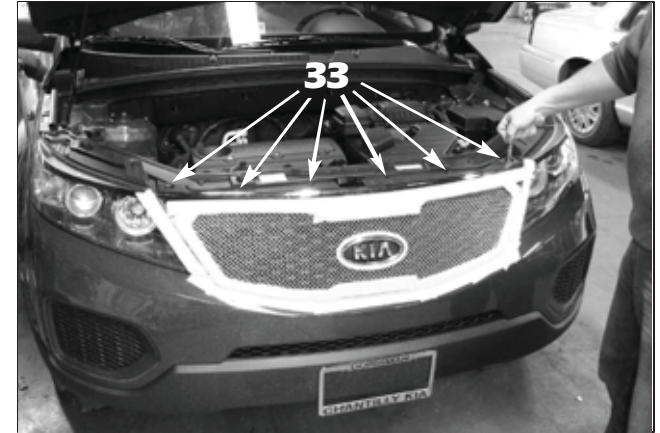
30. Use a Dremel tool or equivalent to carefully trim the mesh wires that cover of the emblem alignment dowel holes.



31. Align the factory emblem through the **mesh section** and the factory grille, then install the supplied **7/8" O.D. x 1/4" I.D. black plastic washers** (two per boss) and the supplied **#8 x 3/8" black truss head screws** and tighten until the emblem is tight. You might need to trim the **washers** in order for them to lay flat against the back of the grille.



32. Reinstall the lower and side factory mounting screws (removed in **Step 5**) once the assembled grille is aligned with the bumper cover.



33. Reinstall all attaching hardware removed in **Steps 1** through **4**, then remove any remaining masking tape.



34. Remove the protective film from the emblem surround. Thoroughly clean the emblem surround using a soft cloth and a mild solvent or adhesive remover, making sure to follow with alcohol or glass cleaner to remove any residue left by the solvent or adhesive remover.
35. **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 Twenty-Four (24) 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 Twenty-Four (24) 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

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