

# IMPORTANT: PLEASE RETAIN THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE



## 2009 Hyundai Sonata Mesh Grille Installation Instructions

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### 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 in-

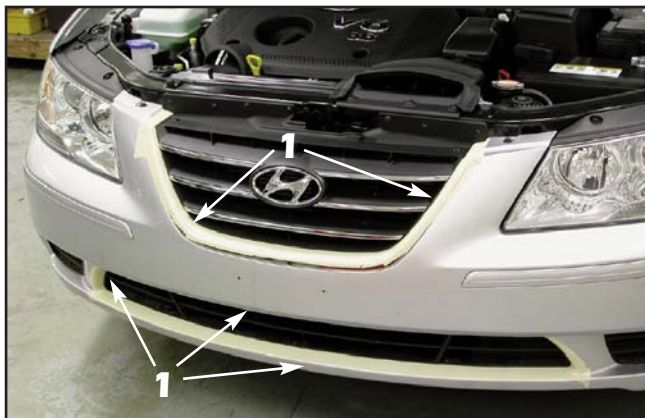
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### Mesh Grille Part # 1221-0102-09

Quantity	Description	Part No.
1	Upper Mesh Grille (includes):	*****
	Stainless Steel Surround	1221-0038-09
	Stainless Steel Fine Mesh Insert	1221-0020-09
	Lower Mesh Retainer w/Pins	1221-0042-09
	(10) 8-32 ESNA Half Nuts	1999-0065-00
	Top Mounting Plate	1221-0210-09
	(2) Black Plastic Washers	1999-0256-00
1	Lower Stainless Steel Surround	1221-0022-09
1	Lower Stainless Steel Fine Mesh Insert	1221-0021-09
1	Hardware Kit (components listed below)	1292-1902-09
	(12) Black Plastic Washers	1999-0256-00
	(1) Emblem Mounting Plate	1221-0158-09
	(1) Hole Location Template	1221-0039-09
	(14) 8-32 ESNA Half Nuts	1999-0065-00
	(2) 1.006" x .189" x .064" Plastic Washers	1999-0264-00
	(2) Lower Grille Mounting Brackets	1108-0158-97
	(2) #8 x 3/8" Black Truss Head Screws	1999-9574-00

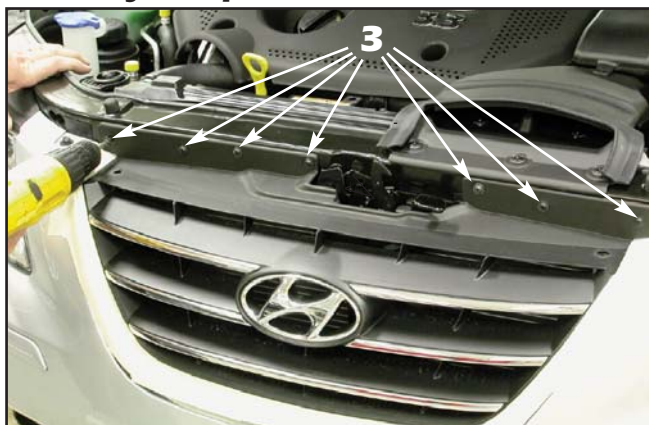


1. Open the hood and carefully apply several layers of masking tape to the painted upper and lower grille openings (around the upper factory grille). This will protect the painted surfaces during grille installation.



2. Remove the two (2) 10mm hex bolts from the bumper cover (one each side). Save for reinstallation.

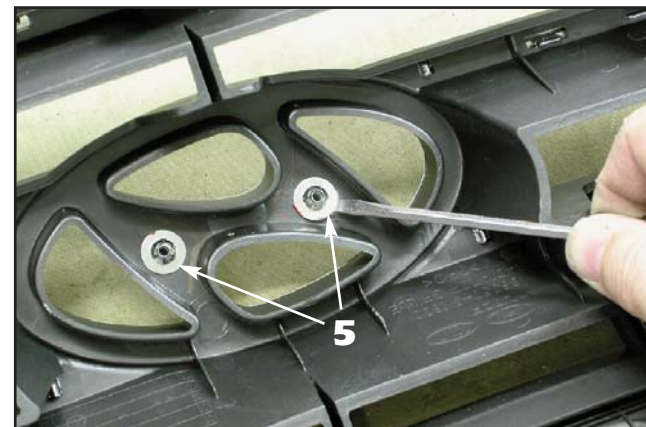
**IMPORTANT! The exposed edges of the stainless steel grille and mesh can be extremely sharp. Please handle with care.**



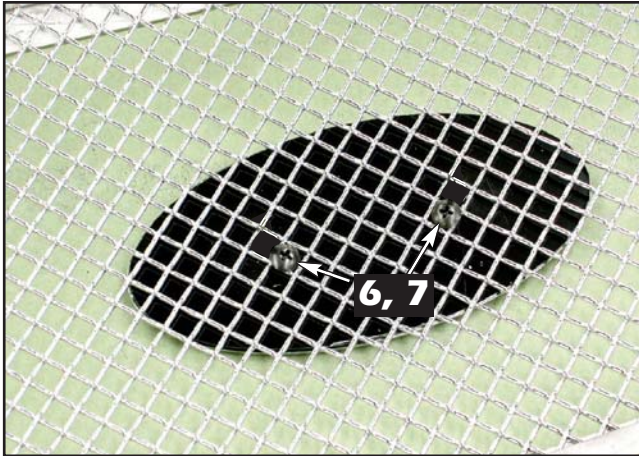
3. To remove the stock upper grille, you must first remove the seven (7) phillips screws across the top of the grille.



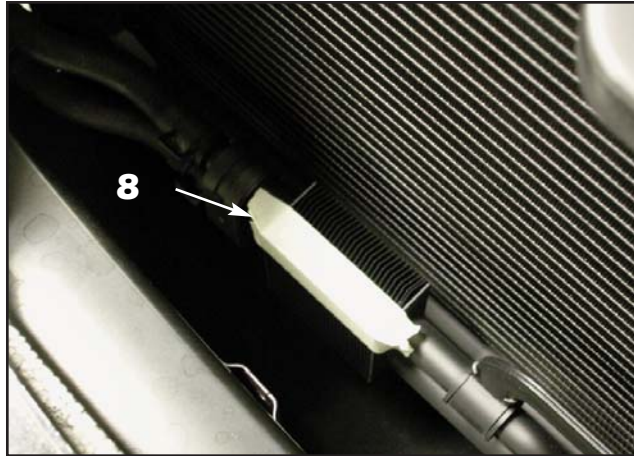
4. Remove the factory upper grille from the bumper cover by removing the phillips screws located at the sides and bottom of the grille. A short phillips screwdriver or ratcheting screw driver works best.



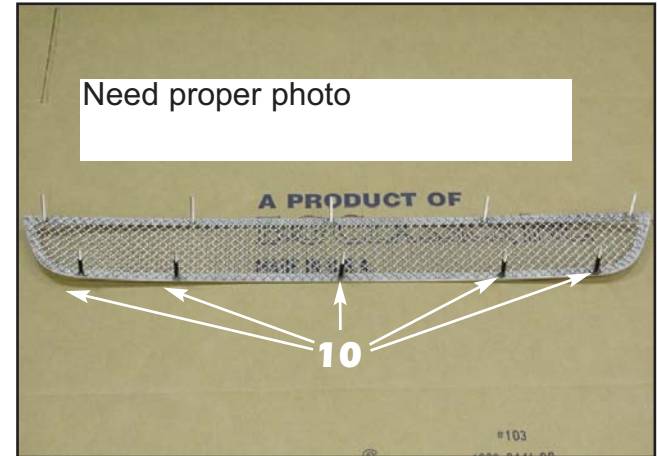
5. Remove the factory emblem from the grille by removing the push on retainers securing the emblem into the factory emblem recess. Insert a small flat blade screwdriver in between the retainer and the grille and twist to remove.



6. Align the factory emblem removed in **Step 5** onto the emblem mounting plate and through the partial holes lasered in the mesh section. The factory emblem studs will push through the partial holes in the mesh for a tight fit.
7. Install the supplied #8 x 3/8" truss head screws into the hollow mounting studs to secure the emblem mounting plate and emblem to the E&G mesh grille.



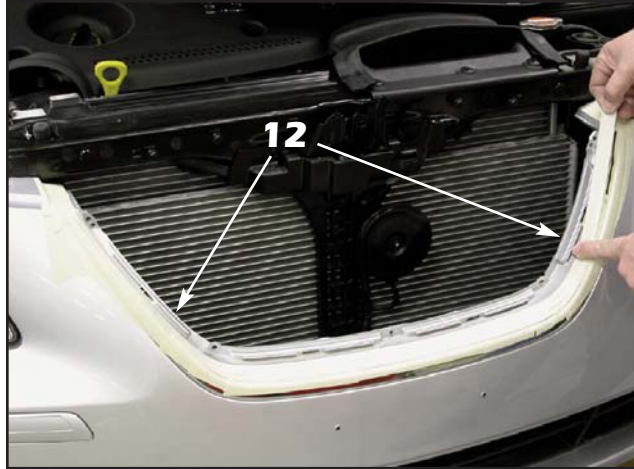
8. **IMPORTANT:** Use masking tape to cover the fins on the small cooler located on the passenger side near the bottom of the radiator. **The fins are very sharp and you could easily cut yourself while installing the mounting hardware on the lower mesh grille.**



9. Align the mesh section onto the lower frame and install a black plastic washer and a #8-32 ESNA half nut onto each of the ten mesh retaining studs and tighten.
10. Using a black paint marker, black out the bottom five (5) ESNA nuts and the two (2) lower mounting studs to conceal them once the grille is installed.



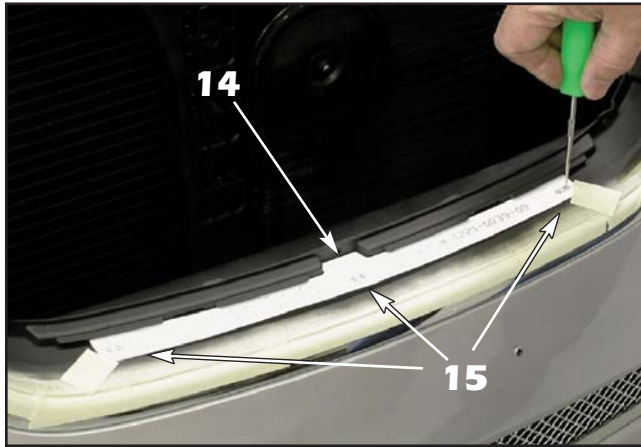
11. Install the lower grille section first, accessing the mounting hardware from the top. The rectangular 3 hole mounting brackets install over the studs and the black plastic washers install on the remaining studs. Snug the hardware but do not overtighten as you will indent the lower grille frame where the studs are located.



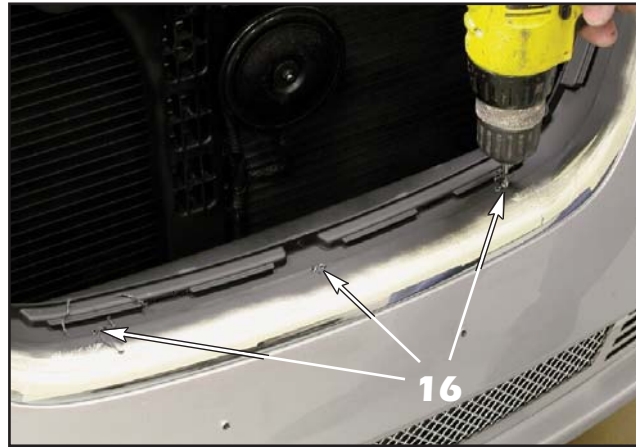
12. Apply additional masking tape 1/4" inside the line taped in **Step 1** around the upper grille opening.



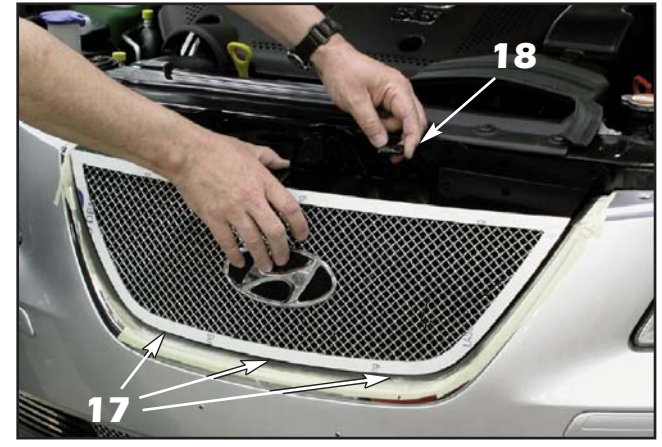
13. Apply flat or semigloss black paint to everything that will be visible through the E&G grille once it is installed. On vehicles painted colors other than dark blue or black, use a scotch brite pad to scuff the paint around the grille opening and paint the return edge of the grille opening inside the mounting pin holes as well.



14. Cut out and align the supplied hole location template onto the bumper cover, making sure that the center notch in the template line up with the center recessed area in the bumper cover.
15. Use an awl or similar pointed tool to mark all hole locations onto the bumper cover, then remove the template.



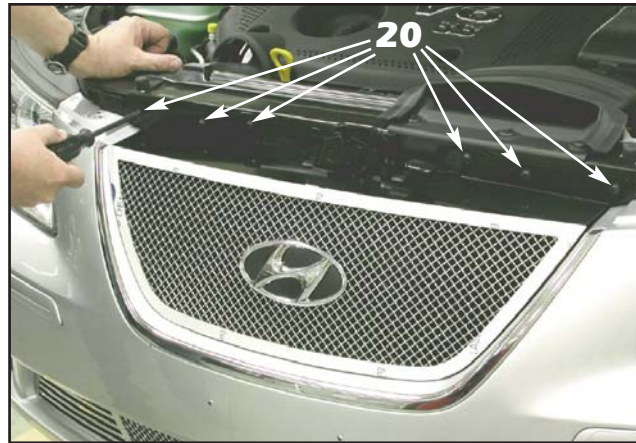
16. Use a .125" (1/8") drill bit to drill through the marks made in the previous step, then using the drill bit, connect the holes to form a small slot for left to right grille adjustment. Remove all plastic shavings from the bumper cover.



17. Align the mounting pins on the bottom of the Mesh grille into the slots made in Step 16.
18. Lift up on the hood release lever to allow the top plate to rotate back into position against the core support.



19. Carefully remove the protective masking tape from around the grille opening. The tape could get caught under the grille. If it does, lift up slightly on the grille while removing the tape.



20. Make sure that the E&G mesh grille is centered and level, then reinstall the factory upper screws to secure the E&G grille top plate to the core support (press down on the grille when tightening the screw but **DO NOT OVER TIGHTEN!** You could strip out the screw holes.
21. Peel off the protective cover from the stainless steel surrounds. Thoroughly clean the grilles to finish the installation. **CAUTION!** Be careful while cleaning as the edges of the stainless steel can be very sharp.

#### 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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