

IMPORTANT: PLEASE RETAIN THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE



2011 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 instructions.

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Mesh Grille Part # 1221-0102-11

Quantity	Description	Part No.
1	Upper Mesh Grille (includes):	*****
	Stainless Steel Surround	1221-0034-11
	Stainless Steel Fine Mesh Insert	1221-0020-11
	Lower Mesh Retainer w/Pins	1221-0042-11
	(10) 8-32 ESNA Half Nuts	1999-0065-00
	Top Mounting Plate	1221-0210-11
	(1) E&G Classics Emblem	1999-0268-00
	(2) Black Rectangular Mesh Retainers	1099-0167-05B
1	Lower S. S. Surround (includes):	*****
	Lower Stainless Steel Surround	1221-0022-11
	(5) #8-32 x 3/4" Black Cap Plugs	1999-0119-00
1	Lower Stainless Steel Fine Mesh Insert	1221-0021-11
1	Hardware Kit (components listed below)	1221-1902-11
	(10) Small Black Plastic Washers	1999-0256-00
	(1) Emblem Mounting Plate	1221-0158-11
	(1) Hole Location Template	1221-0039-11
	(14) 8-32 ESNA Half Nuts	1999-0065-00
	(10) 1.006" x .189" x .064" Plastic Washers	1999-0264-00
	(24") .045" x .250" Double Faced Tape	3004-9250-92
	(2) #8 x 3/8" Black Truss Head Screws	1999-9574-00
	(2) #10 Lock Washers	1999-9555-00
	(2) #8-32 S.S. Hex Nuts	1999-9072-00

Black Ice Mesh Part #1221-B102-11

Quantity	Description	Part No.
1	Upper Mesh Grille (includes):	*****
	Stainless Steel Surround	1221-0034-11
	Stainless Steel Fine Mesh Insert	1221-0020-11BI
	Lower Mesh Retainer w/Pins	1221-0042-11
	(10) 8-32 ESNA Half Nuts	1999-0065-00
	Top Mounting Plate	1221-0210-11
	(1) E&G Classics Emblem	1999-0268-00
	(2) Black Rectangular Mesh Retainers	1099-0167-05B
1	Lower S. S. Surround (includes):	*****
	Lower Stainless Steel Surround	1221-0022-11
	(5) #8-32 x 3/4" Black Cap Plugs	1999-0119-00
1	"Black Ice" Lower S. S. Fine Mesh Insert	1221-0021-11BI
1	Hardware Kit (components listed below)	1221-1902-11
	(10) Small Black Plastic Washers	1999-0256-00
	(1) Emblem Mounting Plate	1221-0158-11
	(1) Hole Location Template	1221-0039-11
	(14) 8-32 ESNA Half Nuts	1999-0065-00
	(10) 1.006" x .189" x .064" Plastic Washers	1999-0264-00
	(24") .045" x .250" Double Faced Tape	3004-9250-92
	(2) #8 x 3/8" Black Truss Head Screws	1999-9574-00
	(2) #10 Lock Washers	1999-9555-00
	(2) #8-32 S.S. Hex Nuts	1999-9072-00

Important information before you begin:

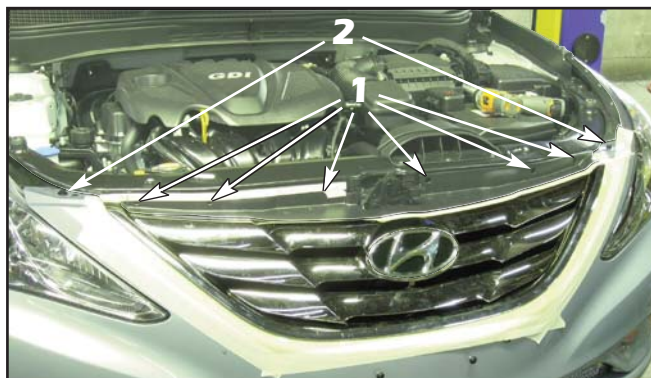
This E&G grille installation kit includes grille hole location template(s) to drill mounting holes in the vehicle.

Before marking or drilling any holes into the vehicle, you **MUST** verify that the template(s) provided in this kit match the mounting pin locations on the grille(s).

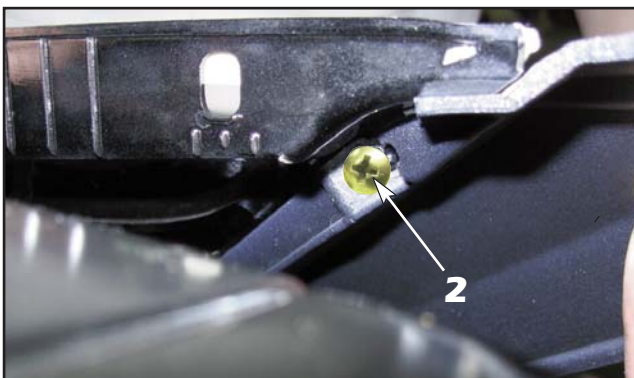
Please place the assembled grille's mounting pins over the template(s) provided and make sure that the pin and hole locations are the same. If they do not match, please call:

*** 1-410-381-4900 ***

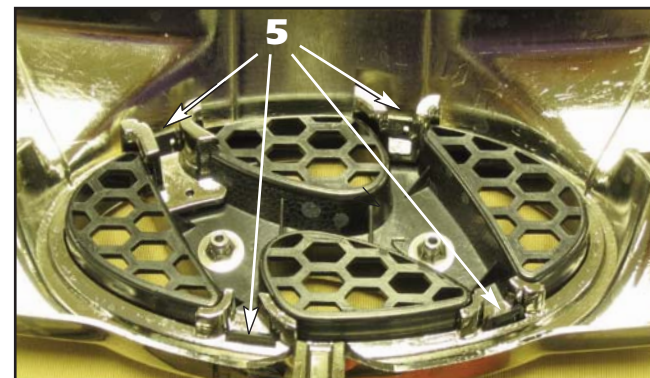
and ask for technical assistance. Thank you.



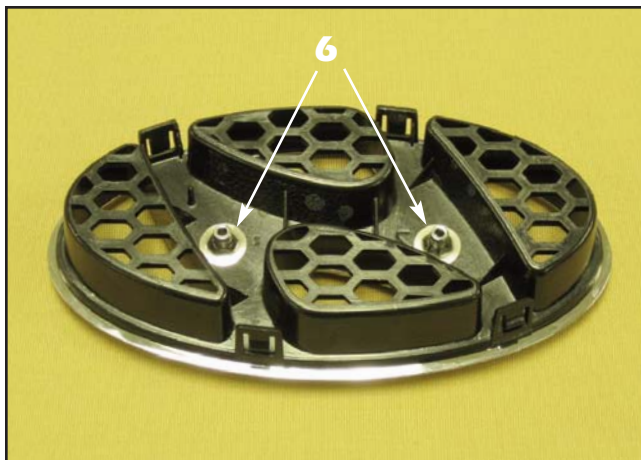
1. Open the hood and carefully apply several layers of masking tape to the painted upper and lower grille openings (around the upper factory grille). Remove the six (6) factory phillips head push fastener across the top of the factory grille.
2. Remove the outer two (2) 10mm hex bolts (where shown).



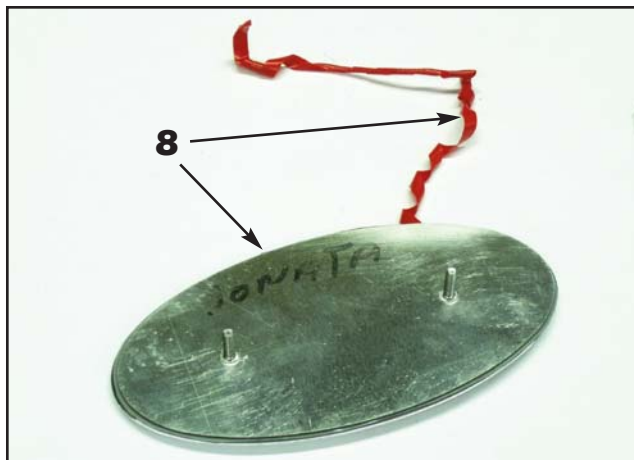
3. Remove the phillips screws that attach the factory grille from the bumper cover.
4. Once all the screws are removed, pull the grille straight out to remove it from the bumper cover.



5. Use a small flat blade screwdriver to pry on to four (4) retaining clips and remove the emblem and backing from the factory grille.



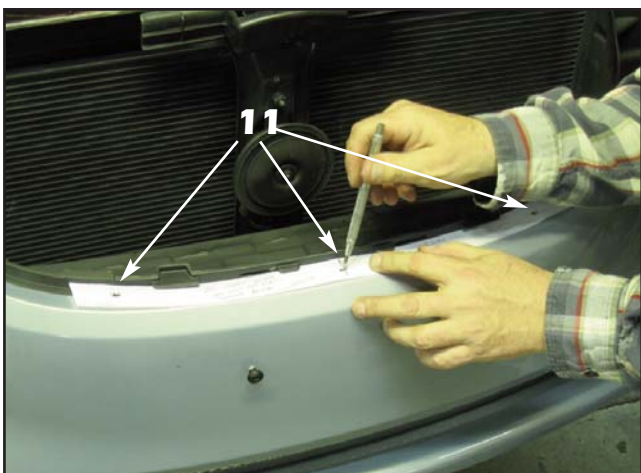
6. Use a small flat blade screwdriver to pry off the metal push on retainers and remove the factory emblem from the emblem base.
7. Once the emblem is removed, grind the mounting pins down flush with the back of the emblem (not shown), so that they do not interfere with adhering the emblem to the supplied emblem mounting plate.



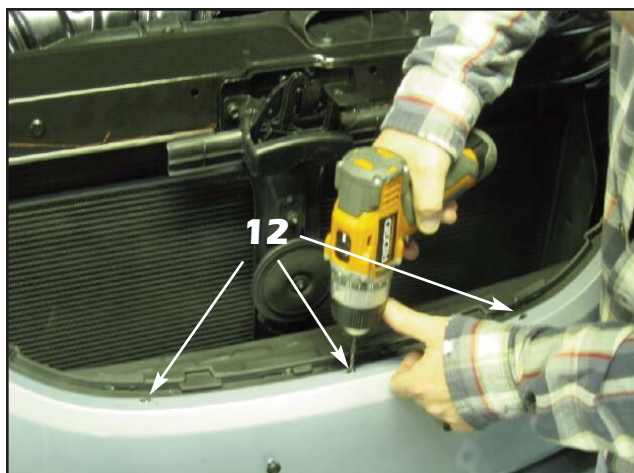
8. Install the supplied .045" x .250" double faced tape to the back of the emblem. Peel back a small corner of the double faced tape backing and align the emblem backing plate over the factory emblem. Once properly aligned, peel off the double faced tape liner and press the emblem firmly to the backing plate to set the tape.



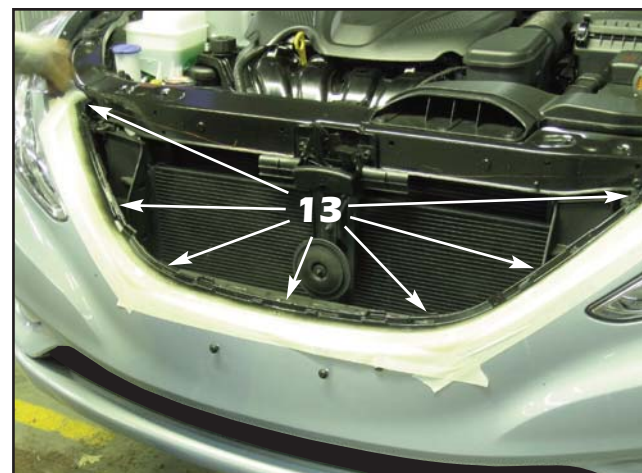
9. Finished emblem to mounting plate installation.



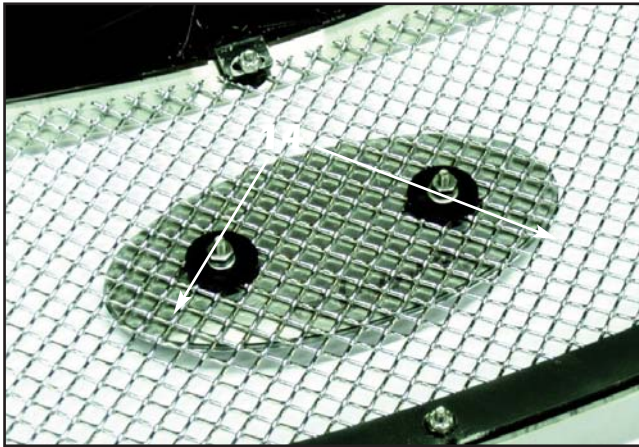
10. Measure and mark the exact center of the factory grille opening.
11. Cut out the supplied upper grille hole location template and align the center marks together. Use an awl or similar pointed tool and mark the bumper cover at all hole locations.



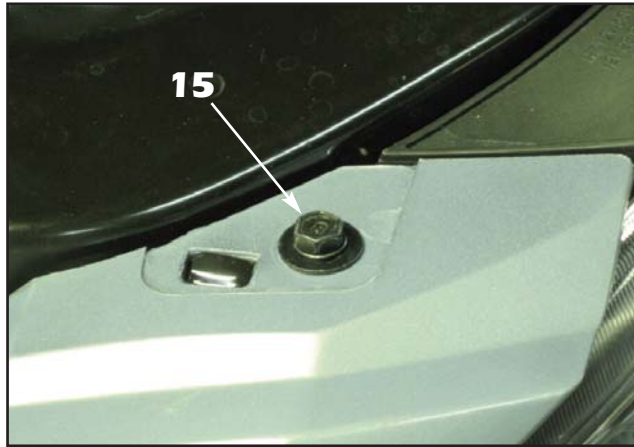
12. Remove the template and drill through the marks made in the previous step.



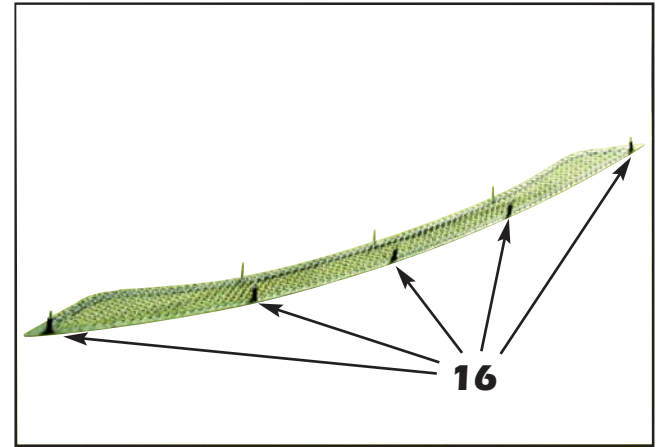
13. Use masking tape to tape up to the centers of the slots made in the previous step and scuff the paint on the bumper cover. Paint the return edge of the bumper cover and anything inside the grille opening with flat or semi-gloss black paint.



14. Install the emblem assembly onto the mesh grille using the supplied black plastic washers, #10 lock washers and #8-32 hex nuts and completely tighten once the emblem is level and perfectly centered.



15. Reinstall the 10mm hex bolts removed in Step 2.



16. Align the lower mesh section over the back of the lower surround, then trim the ends from the preinstalled black cap plugs and push them down over the studs.



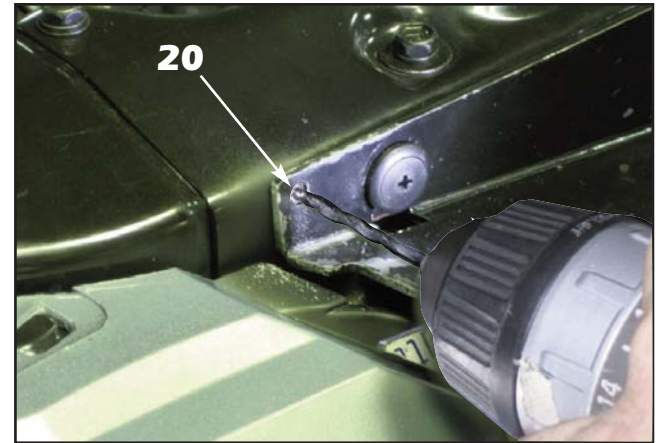
17. Align the **lower mesh grille assembly** into place, then reach through the upper grille opening to install the supplied **large black plastic washers** and **#8-32 ESNA half nuts**. Tighten only until the washers no longer rotate but **DO NOT OVERTIGHTEN**. Overtightening will indent the surround at the stud locations.



18. Remove any masking tape that could get caught between the grille and the bumper cover. Align the **lower mounting pins** into the **slots** drilled in Step 12 and push the **upper mesh grille** firmly into place.

19. Make sure that the **upper mesh grille** is perfectly centered in the factory grille opening, the upper corners of the **grille surround** should be even with the bumper cover.

20. Reinstall the push fasteners removed in Step 1.



21. Use a .125" (1/8") drill bit to drill through the outer holes on the top mounting plate once the grille is level and centered.



22. Install the supplied #8 black truss head screws to secure the E&G grille top plate to the core support.



23. 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.**
24. 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**

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.