

IMPORTANT: PLEASE RETAIN THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE



**2007-09 Dodge Nitro
Upper and Lower
Stainless Steel
Mesh Grille**
J 07 G8R

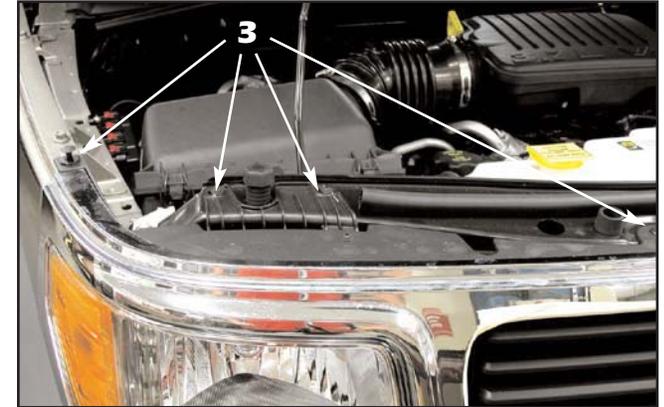


Part # 1366-0102-07

Quantity	Description	Part No.
1 Set	Upper Mesh Grille Surrounds	Top Right 1366-0034-07 Top Left 1366-0035-07 Bottom Right 1366-0036-07 Bottom Left 1366-0037-07
1 Set	Upper Mesh Inserts	(2) Top 1366-002A-07 (2) Bottom 1366-002C-07
1	Small "E&G Classics" Emblem	1999-0268-00
1	Lower Mesh Surround	1366-0022-07
1	Lower Mesh Section	1366-0021-07
1	Hardware Kit (components listed below):	1366-1902-07
	(1) Lower Mesh Retainer w/Pins	1366-0042-07
	(8) 1.006" x .189" x .064" Black Washers	1999-0264-00
	(16) 8-32 ESNA Half Nuts	1999-0065-00
	(4) .156" x 1" Vinyl Caps	1999-0241-00
	(1) Upper Hole Locating Template	1366-0039-07
	(1) Lower Hole Locating Template	1366-0067-07
	(3) #10-24 x 1/2" Black Machine Screws	1999-1918-00
	(3) #10-24 ESNA Lock Nuts	1999-2991-00
	(3) Rectangular Mesh Retainers	1099-0167-05
	(2) Black Rectangular Mesh Retainers	1099-0167-05B



1. Open the hood for grille fastening hardware access.
2. Tape around the grille openings and the body of the vehicle around the factory chrome grille to protect the finish.



3. Remove the plastic push fasteners on the right and left sides of the grille, remove the plastic phillips screw fasteners and the torx T-25 screws securing the headlight assemblies. Unclip the hood release cable at this time.

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).



4. Use a flat blade screw driver or door panel removal tool to separate (pry apart) the grille assembly from the front fenders.



5. Grasp the side and bottom of the grille and pull toward you to release the lower mounting clips.
6. Pull back on the red locking clips located on the headlight, turn signal and side marker light electrical connectors, then squeeze the connectors to release.



7. Place the factory grille assembly face down onto a clean, padded (to protect the chrome finish) work area.
8. Cut out and align the supplied template onto the back of the grille (where shown, make sure you cut out the small alignment hole) and mark the hole locations for the outer mounting studs using an awl or other pointed tool.

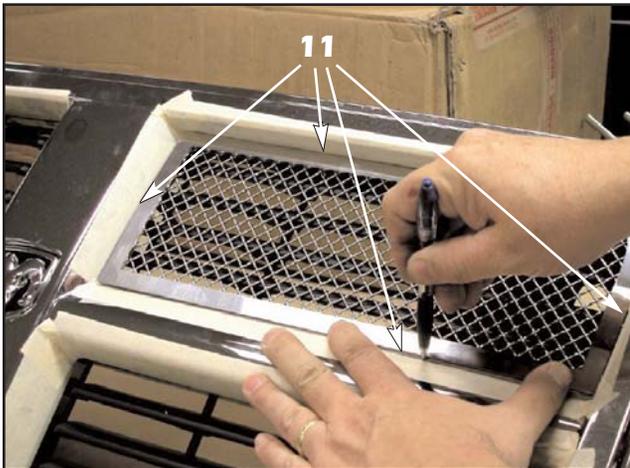


9. Use a 1/8" drill bit to drill through the marks made in the previous step. Enlarge the holes to 1/4".

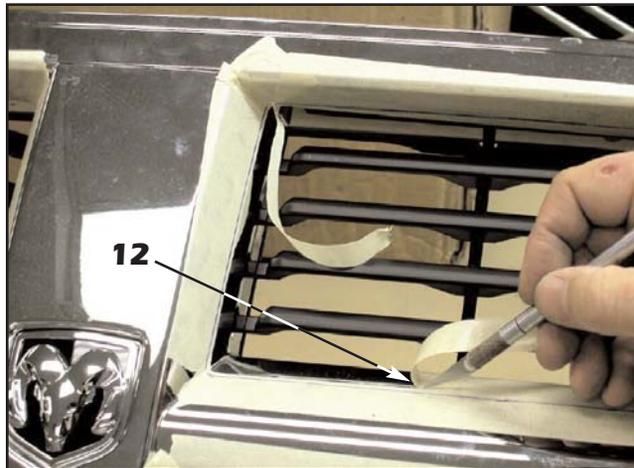
IMPORTANT! The edges of the stainless steel grille frame and mesh sections can be extremely sharp. Please handle with care.



10. Tape the back of the grille frames and paint the mounting studs black to conceal them once the grilles are installed.



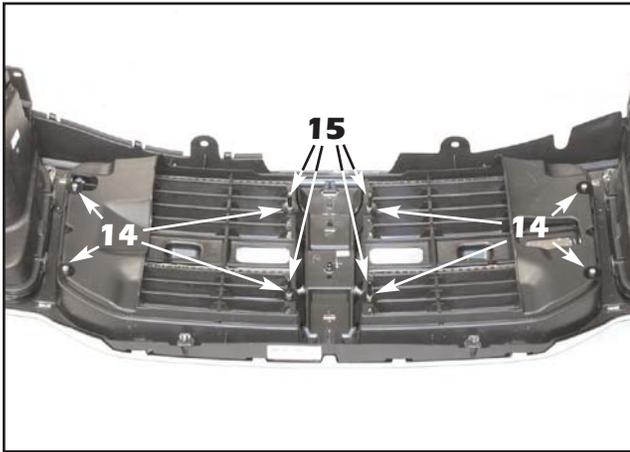
11. Align the mesh and frames, press them firmly into place and mark the outer edge onto the masking tape with a pen or pencil.



12. Carefully trim the masking tape 1/8" to 3/16" inside the line made in the previous step. Do not press too hard with the cutting instrument or you will mark the chrome plated plastic grille.



13. Carefully insert the mesh sections and studded frames into the corresponding openings in the factory grille, pressing firmly into place.



- 14. Install the supplied large black plastic washers and an ESNA half nut onto the mounting studs. Make sure the mesh section is centered behind the surround and tighten the ESNA nuts.
- 15. Install the supplied .156" x 1" vinyl caps onto the center mounting studs to conceal them once the assembled grille is reinstalled onto the vehicle.



- 16. Reinstall the assembled grille back into the vehicle by first connecting all electrical connectors disconnected in Step 6. Have a helper support the assembled grille while you connect the lights. Carefully align the mounting clips into the slots and snap the assembled grille into place.
- 17. Reinstall the outer plastic push fasteners and the torx T-25 screws back into the headlight mounting brackets, then reinstall the phillips screws and the hood release cable.



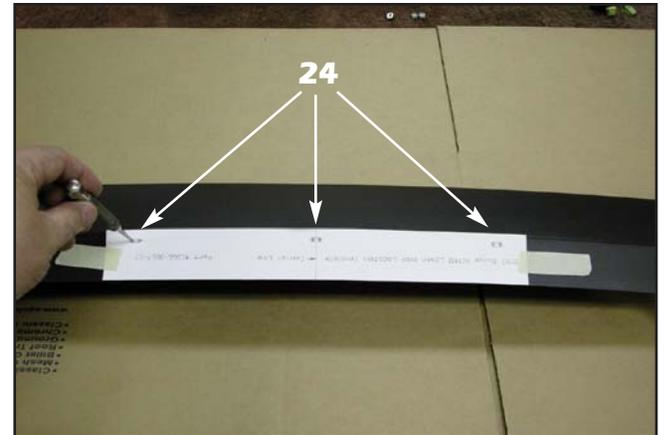
- 18. Remove the protective masking tape from around the grille inserts by pulling it back over itself to help prevent the tape from getting caught behind the frames.
- 19. Remove the tape protecting the finish around the factory grille opening.



- 20. Remove the lower air dam from the bumper cover by removing the three small metal retaining clips and the two plastic push pins. Pull the sides straight forward to release the sides from the bumper cover, then continue pull the sides around until the center pins are pulled from the mounting holes.
- 21. Remove the center inner mounting bracket from the lower valance.



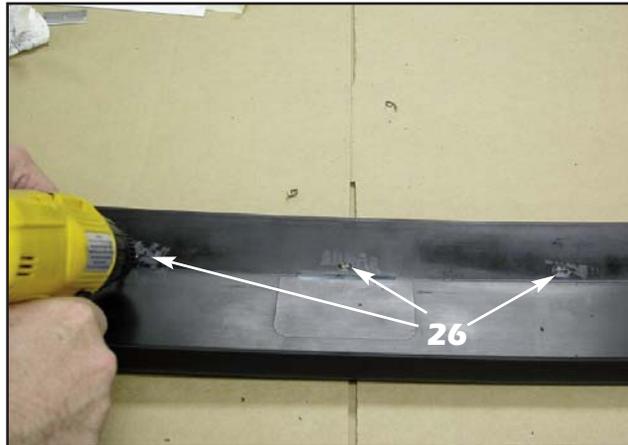
- 22. Use a tape measure to locate the center of the lower grille opening and mark it with a grease pencil.



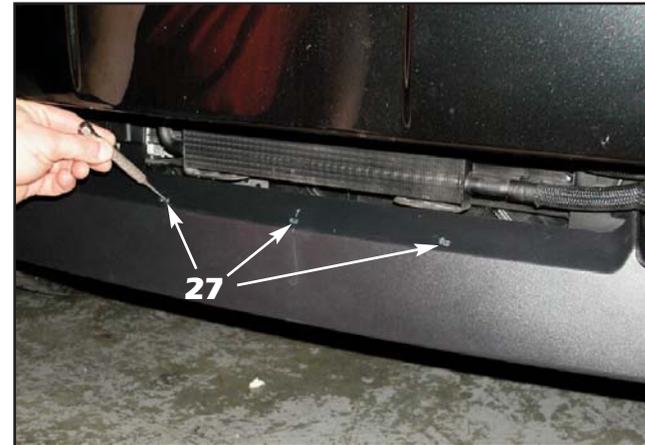
- 23. Cut out and align the lower hole location template centerline with the grease pencil mark made in the previous step.
- 24. Use an awl or similar pointed tool to mark the hole locations from the template onto the factory air dam.



25. Use a 1/8" drill bit to drill through the marks made in the previous step.



26. Turn the air dam over and use a drill bit to connect the holes, effectively making three mounting slots for slight side to side adjustment. **Do not try and slot the holes without turning the air dam over as if you slip with the drill bit, you will damage the air dam, requiring replacement.**



27. Re-align the air dam back onto the bumper cover, snapping the center alignment pins in place only. Use an awl or similar pointed tool to mark the hole locations from the air dam onto the factory bumper cover.



28. Remove the air dam from the bumper cover and use a 1/4" drill to drill through the marks made in the previous step and make sure all the plastic shavings are removed from the bumper cover. This will allow clearance for the mesh grille lower mounting pins.



29. Tape the lower bumper cover to prevent paint over spray and use flat or semi-gloss black paint to paint the lower portion of the radiator and transmission cooler (if equipped).



30. Assemble the lower grille by aligning the mesh onto the back of the surround and install two (2) black rectangular mesh retainers (one each side), three (3) rectangular mesh retainers (across the top) and the lower mesh retainer with pins (across the bottom). Install #8-32 ESNA half nuts onto each stud and tighten until snug.



31. Align the lower grille into place, making sure the mounting pins are pushed through the slots and the upper mounting tabs are tight against the bumper cover..
32. Use an awl or grease pencil to mark the upper hole locations onto the bumper cover, then remove the lower grille for the following hole drilling procedure.



33. Use a 1/4" drill to drill through the marks made in the previous step and make sure all the plastic shavings are removed from the bumper cover.



34. Realign the lower grille into place, making sure the upper mounting tabs are inserted behind the bumper cover.
35. Press the lower mounting tabs into place, then secure the top of the grille using the supplied #10-24 x 1/2" black machine screws and #10-24 ESNA lock nuts. Insert the machine screws up from the bottom and install the ESNA nuts behind the bumper cover.



36. Thoroughly clean the grilles to finish. Use only a soft cloth and non-abrasive cleaners on the E&G Mesh grilles.