

20546
08-10 FORD
SUPER DUTY



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Billet Grille Insert - 1 Pc. - w/ optional logo plate

TOOLS REQUIRED:

Socket & Ratchet Set
Screwdriver set
Jigsaw/Grinder/Cutting Wheel
Masking Tape
Vise Grips

PARTS LIST

(7) #8 x 3/4" Screws
(7) #8 Flat Nuts
(1) Billet Grille
(1) Logo Plate

(2) 1" Fender Washers
(2) 6/32" Nylon Lock Nuts
(4) Double Sided Tape 2"x3/4"



Step 1 Factory Grille Removal

Remove the factory grille from the vehicle. There are 4 bolts along the top of the grille under the hood that need to be removed. The top of the grille will be loose, pull the bottom out until the latches pop loose and remove the grille.

Step 2 Factory Grille Disassembly

With the grille removed from the vehicle remove the 5 plastic pop clips and one 10/32" bolt from the top plate of the factory grille, remove the top plate (Fig 1). Now remove 7 plastic pop rivets from along the top edge of the factory grille assembly. Use a pointy object or a small punch to press in the center of the top (Fig 2). The pop rivet will break and will not be reused. Remove the pop rivet with a pair of pliers (Fig 3). Now you will remove the 2 chrome trim bars from the front of the factory grille. From the backside of the grille, unlatch the 7 plastic latches holding the chrome trim bars secure with a flat screwdriver (Fig 4). Pull the chrome trim bars off the grille. Now you will separate the front and back sections of the factory grille. On the backside of the factory grille there are 6 plastic latches along the top, 6 along the bottom and 2 on each side, unlatch these with a flat screwdriver and separate the front and back sections of the factory grille (Fig 5). Remove the ford logo, there are 4 plastic latches and 1 nut holding it to the grille (Fig 6). If you want to remount the ford logo on the new grille, cut the black plastic tabs off from the backside of the logo and sand it smooth. Continued on page 2.



Fig 1



Fig 2



Fig 3



Fig 4

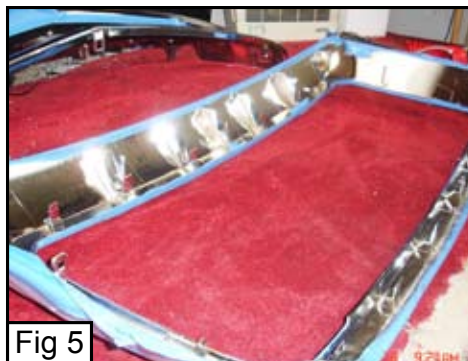


Fig 5

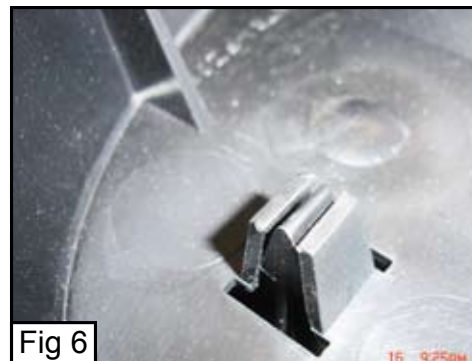


Fig 6

Step 2 Factory Grille Disassembly Continued

Now you need to remove the 2 side sections from the black section of the factory grille (Fig 7). There are 9 plastic latches on the backside of each section, use a flat screwdriver to unlatch them and remove the side sections. Now reassemble to black plastic bac section and the front grille section minus the side pieces and apply masking tape to the painted/chrome grille shell outer ring to prevent any scratches during cutting (Fig 8).



Fig 7



Fig 8

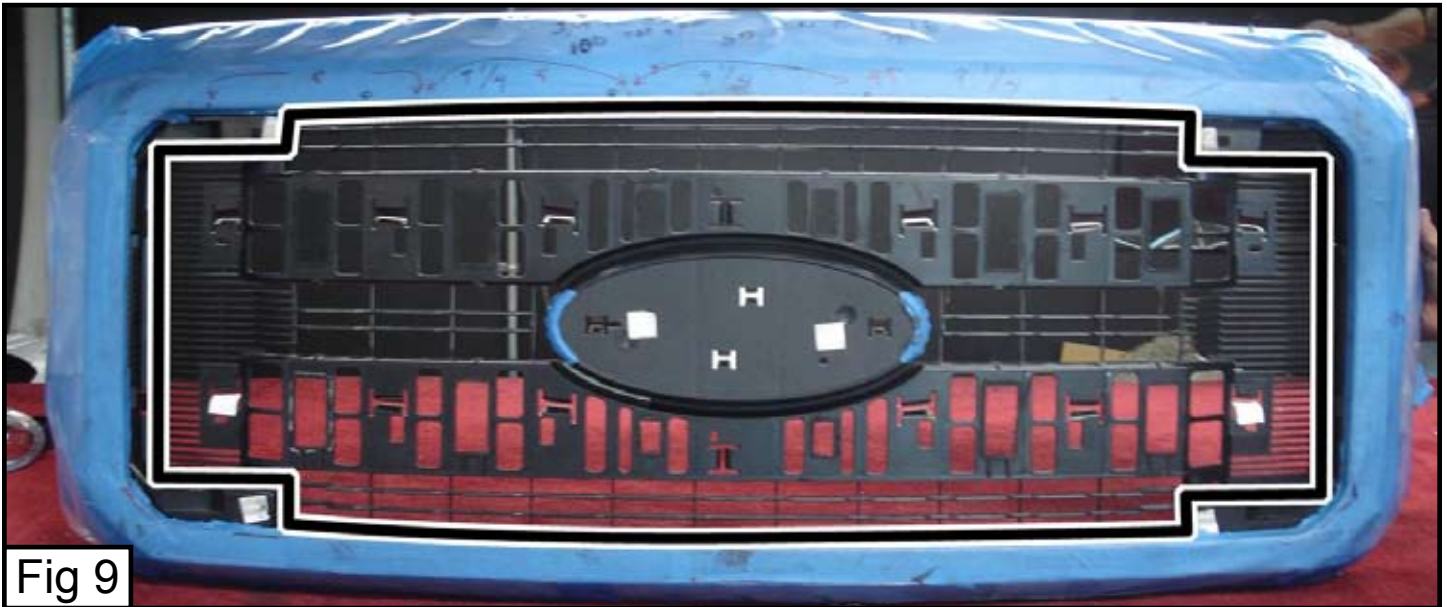


Fig 9



Fig 10

Step 3 Cutting the Factory Grille

Now you need to cut out the inner section of the black grille section. You will cut around the inner edge of the black section as marked in (Fig 9). The 4 corner areas and the right and left sides will not be cut out, make sure to leave the areas marked in (Fig 10) attached to the black grille section on both the right and left sides. Sand all the cut areas smooth with a sanding wheel. Continued on page 3.

Step 4 Billet Grille Installation

With the factory grille cut and the 2 sections reassembled it is now ready to install the billet grille. Lay the billet grille on a work bench and place the factory grille over the billet grille (Fig 11). Use vise grips to hold the tabs on the billet grille and the factory grille together making sure the billet is flush with the front edge of the factory grille shell (Fig 12). Use a drill to drill through the holes in the tabs on the billet grille and the factory grille where the tabs and the factory grille contact on all 7 tabs (Fig 13). Now take the hardware provided with the billet grille and insert the screws through the holes in the tabs on the billet grille and through the factory grille where you drilled the holes, use the nut plates to secure the screws (Fig 14). If you would like to reinstall the ford logo apply the 4 pieces of double sided tape to the backside of the logo and stick it onto the logo plate, insert the studs on the logo plate through the bars of the billet and use the washers and 6/32 nuts to secure it to the billet. Remove the masking tape and reinstall the factory grille with the billet installed back onto the vehicle. Installation complete.

