

2009 FORD F150

Billet Grille 1 Pc.

TOOLS REQUIRED:

8mm, 10mm Socket and Ratchet
Jigsaw
Phillips Screwdriver
Die Grinder & sanding wheel
1/8" Drill Bit & Drill Motor
Masking Tape

PARTS LIST

(2) 135 Brackets
(6) #10 Screws
(2) 6/32 Nylon Lock Nuts
(2) 1 1/2" Machine Screws
(6) #10 Flat Nuts
(1) Billet Grille

Step 1

PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION. The first step of the installation is to remove the factory grille shell from the vehicle. There are a dozen 10mm nuts holding the grille shell to the bottom of the hood and a black bracket at the lower part of the grille shell that need to be removed.

Step 2

Once you have the grille shell removed use masking tape to cover the front of it to prevent any scratches during installation. The center of the grille shell needs to be removed. Cut across the two vertical bars near the sides of the grille shell with a jigsaw. (Fig 1) Leave a little (1/2") of the material on the vertical bar. (Fig 2) Cut the cross hatch material also, cutting closer to the grille shell. The entire center portion of the grille shell will come out in one piece. (Fig 2)

Step 3

Next use the die grinder to smooth out where the cuts were made. Go around the entire inside of the grille shell and grind it smooth. (Fig 3)

Step 4

Once the inside of the grille shell is smooth, lay the billet grille into the opening. (Fig 4)

Step 5

While holding the billet grille in the grille shell, turn the grille over so you can work on the backside. There are 8 tabs on the back side of the billet grille. Make sure the billet is flush with the front side of the grille shell and use a couple pairs of vise grips to hold the tabs on the billet grille to the grille shell, this will keep the billet flush while you install it. (Fig 5)

Step 6

Now you will drill a hole through the tabs on the billet grille. With the tabs secure with vise grips drill through the hole in the tab and through the grille shell on each of the tabs.



Fig 1

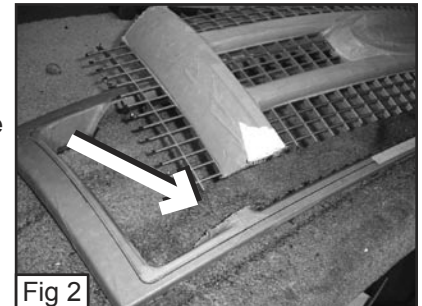


Fig 2

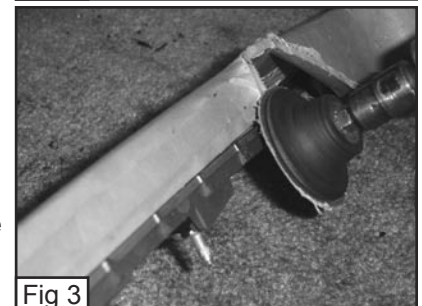


Fig 3

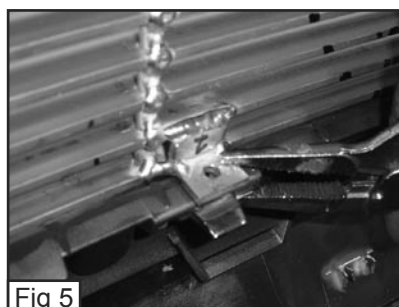


Fig 5

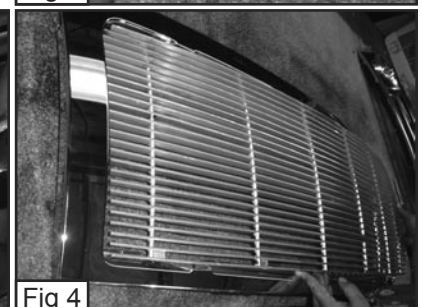


Fig 4

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Step 7

Starting on the 2 center tabs on the bottom of the billet insert a 1" machine through the grille shell and through the 135 flange bracket, put a 6/32" nylon lock nut on the machine screw and tighten it (the machine screws, nylon lock nut and flange brackets are only for the 2 center tabs on the bottom of the billet grille). The flange bracket should fit over the lip of the grille shell.

Step 8

On the remaining 6 tabs insert a #10 screw through the grille shell and the tab on the billet grille. Use a #10 flat nut and tighten the screw with a phillips screwdriver. Make sure the threaded part of the screw is pointing toward the center of the grille shell so it does not interfere with the hood closing. Repeat this to the 5 remaining tabs. Remove the vise grips and masking tape. Reinstall the completed grille shell on the vehicle. Installation complete.

