






PATENT PRODUCT

Grille Installation Instruction

Part#	GR06HEB60C/J	Application	For 2004-2008 Ford F-150 All Model
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Parts List	Item	Part Name	QTY	Description	Item	Part Name	QTY	Description
	1	Billet Grille	1	Stainless steel	7	Flat Phillips Head Screws	6	8#× 1/2"
	2	Hex Bolts	2		8	Screws	12	1/4-24
	3	Nuts	12	1/4-20	9	Flat Tabs	2	
	4	Plastic Washers	6		10	Z Brackets	4	
	5	Bumper Tabs	4		11	Passenger Hood Bracket "Slotted Y"	1	
	6	Flat Washers	6		12	Driver Hood Bracket "Slotted Y"	1	





Install Notes: Overlay Replacement Drill Cut

Step	Description	illustration
1	Identify the grille & hardware with parts list.	
2	Start by removing the four 10mm bolts(two per side) that attach the grille frame to the hood.(Fig 1)	
3	Remove the 6(10mm) nuts holding the factory grille along the front edge of the head. (Fig 2)	
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Fig 1</p> </div> <div style="text-align: center;">  <p>Fig 2</p> </div> </div>	
4	Mask the front of the shell to protect the painted or chrome shell from damage during the installation.	
5	Remove the two rubber stops on the brackets and save them. They will be reinstalled. (Fig 3)	

The instruction here is for your reference only. You may need to bend the grille a little bit to adjust to fit. We strongly recommend the professional installer for best result. We are not responsible for any damage caused by the installation. Thank you for choosing our product!

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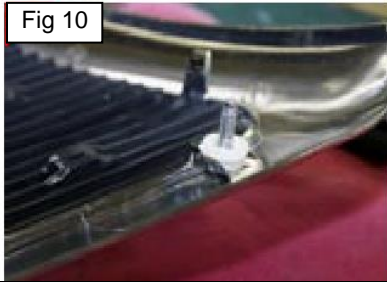






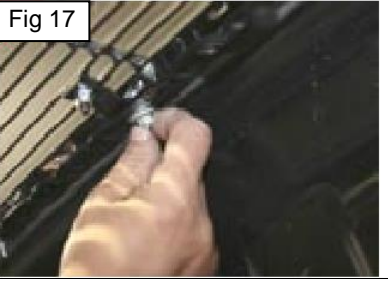
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6	Remove the factory support brackets. (Fig 4)		
7	Now separate the outer shell from the honeycomb factory grille, but first you need to remove the fiber tape covering the clips. (Fig 5)		
Fig 3		Fig 4	
8	Once the tape has been removed, you carefully pry out the tabs that attach the honeycomb grille to the outer shell. There are 14 tabs to be released. (Fig 6)		
9	With the tabs released, the grille shell can now be removed from the honeycomb grille. Here is a picture of the frame without the honeycomb grille. (Fig 7)		
10	The grille installs from the back of the shell. Be careful when inserting the grille to avoid scratching the outer shell. Again, It is recommended to mask the front of the shell to prevent damage. (Fig 8)		
Fig 6		Fig 7	
11	We suggest applying some silicone on the plastic washers so it stay in place during installation. (Fig 9)		
12	Now place the plastic washers on the studs located on the outer side of the grille. There are four total. (Fig 10)		
13	Install the “Z” brackets that hold the grille to the outer shell. Make sure to have the bend right so that the bracket will meet properly with the flange on the grille. Lightly torque the nuts to hold the grille in place for drilling the shell for the screws. (Fig 11)		

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Fig 9		Fig 10	
Fig 11			
14	Now you need to make sure to center the grille in the opening. With the front of the billet grille 1/8 inch from the front of the factory outer shell. (Fig 12)		
15	Mask the bottom of the outer shell so we can mark a spot to drill 4 holes. Drill a 1/8" hole for the bottom screws, which aid in securing and aligning the grille. (Fig 13)		
16	Once the holes are drilled, carefully screw in the 8# x 1/2" screw. Screw by hand with a screwdriver so they will not strip the thread. If done correctly the heads will sit nice and flush. You may need to file any burrs off after tightening. (Fig 14)		
Fig 12		Fig 13	
Fig 14			
17	Place the flat "Slotted" bracket between the supplied "Slotted Y" hood brackets and hood and reinstall the factory hood blots. Finger tighten only. The brackets have slotted holes for alignment adjustments later. (Fig 15)		
18	Next, attach the supplied "Slotted Y" hood brackets with flat side of the bracket on the inside of the hood using the socket screw, flat washer, and safety nut. Again Finger Tighten Only. (Fig 16)		
19	The previously installed Z brackets must be removed, on the hood side, before placing the grille on the hood. (Fig 17)		
Fig 15		Fig 16	
Fig 17			
20	There are 6 studs on the shell. There 6 studs go through the hood. The Z brackets install on the 4 studs in the center of the shell. Now place the grille on the hood. Finger tighten nuts on the two outer studs to hold the grille in place. Now you are ready to install the 4 Z brackets to the studs and finalize attachment of the grille to the hood. Do not allow the hood to shut as possible damage could occur to painted bumper. (Fig 18)		

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21	Using a slight upward pressure on the bottom of the grille attach the four supplied Z brackets to the billet grille as shown using the factory nuts and the supplied bolts and nuts as shown. These brackets will be tight as they are used to hold the grille and shell in the correct final position. Tighten all Z bracket nuts and bolts. Make sure that the grille shell forms to the face of the hood. (Fig 19)		
22	Next, using the remaining nuts and bolts, attach the grille to the vertical bars of the hood brackets, Then tighten all remaining “Slotted Y” brackets, bolts, nuts, and hood bolts. (Fig 20)		
Fig 18	Fig 19		Fig 20
23	The rubber bumpers previously removed from the grille brackets must now be reinstalled. Failure to reinstall may cause damage to the vehicle. (Fig 21)		
24	Carefully lower the hood and check the alignment of the grille with the headlights. Do not allow full weight of the hood or use force to close the hood as damage may occur to the bumper cover. (Fig 22)		
25	Adjust the bottom of the grille for proper alignment using the headlight lens as a guide for spacing by loosening the (2)-10mm bolts on the hood and the (6)bolts holding the grille to the “Slotted Y” hood brackets. Once adjust properly tighten all bolts and nuts. (Fig 23)		
Fig 21	Fig 22	Fig 23 Profile Shot	
26	(Fig.A)Then adjust the rubber bump stops at the bottom of the grille so that the grille barely touches when hood is closed.(Fig. B)There should be 1/4” between top of bumper cover and bottom of screw head. (Fig 24)		
27	Next place the clear self adhesive protective bump stops as shown ,Place them on the bumper mask directly below the screws on the vertical rods. Again the check for alignment. Installation is complete. (Fig 25)		
Fig 24	Fig. A	Fig. B	Fig 25

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