



PATENT PRODUCT

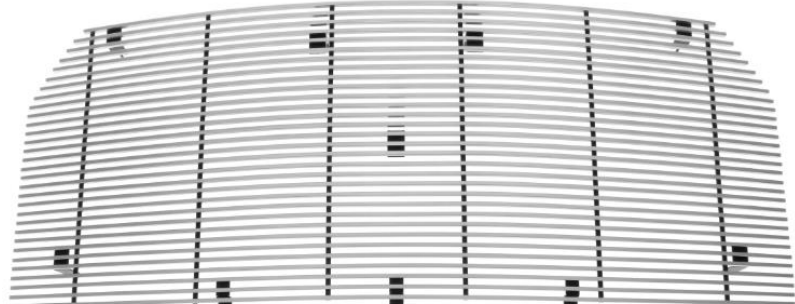
Grille Installation Instruction

Rev. 170901

Part#	GR06HFC10C	Application	For 2015-2017 Ford F-150		
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Parts List	Item	Part Name	QTY	Description	Item	Part Name	QTY	Description
	1	Billet Grille	1	Stainless steel	3	Fender Washers	8	
	2	Nylon Lock Nuts	8	10-24UNC				

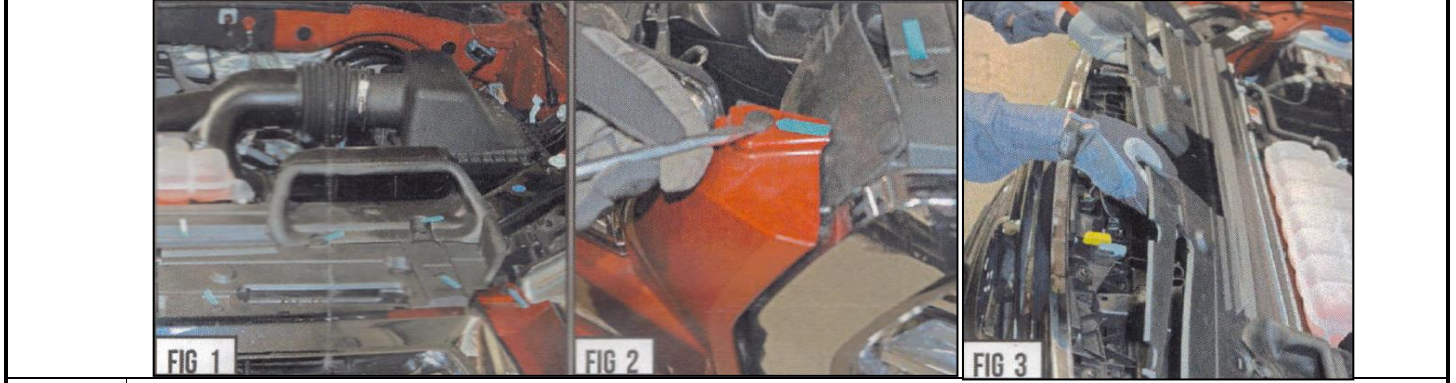
Install Notes: Overlay Replacement Drill Cut

Step	Description	Illustration
1	Identify the grille & hardware with parts list.	

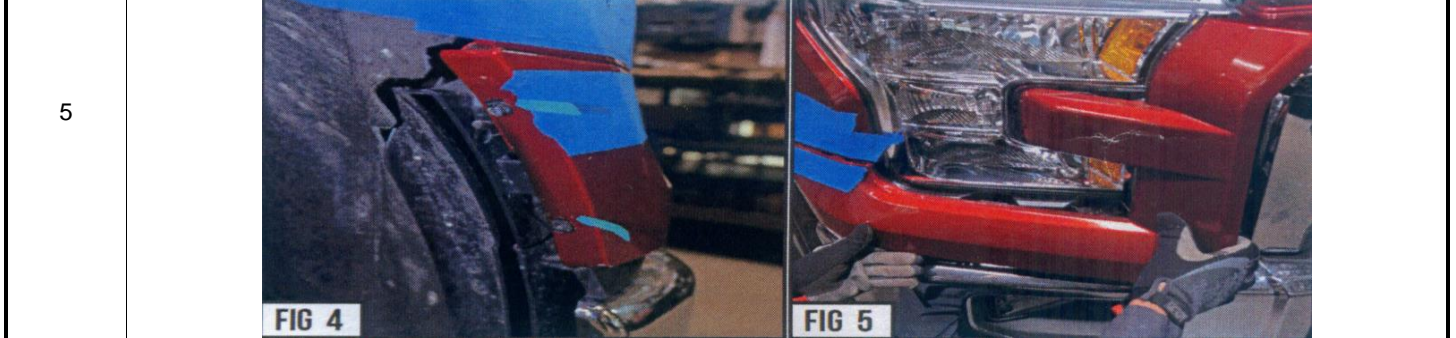
2 Turn off engine and chalk tires with stop block . Optional (for vehicles with black plastic cover under hood), Open Hood.

3 Identify & locate (10) plastic clips on top of plastic shroud and also (1) additional on each side located at the top of the headlight body panel cover. Carefully pry off to remove and then set aside for reinstallation later.



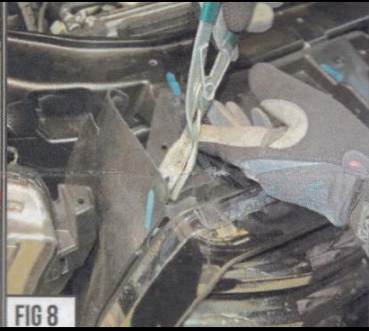



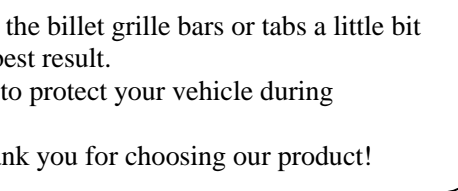
4 Remove plastic shroud and then set aside for reinstallation later.



On the inside of the inner wheel well lip, remove (2) 7mm bolts. The headlight plastic body panel should now loose. You will need to coax panel out and off catch tabs to remove completely. The plastic wedge spatula should help.



The instruction here is for your reference only. You may need to bend the billet grille bars or tabs a little bit to adjust to fit. We strongly recommend the professional installer for best result.
 Please use masking tape and tape the OEM grille shell along the edge to protect your vehicle during installation.
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6	<p>On each side of the factory grille near the bottom corner just outside and behind, there is (1) 8mm bolt, (1) 8mm bolt on each side. Use 8mm socket to remove the (2) bolts.</p>		 <p style="text-align: center; font-size: small;">FIG 6</p>
7	<p>On top of the core support, remove (4) 8mm bolts.</p>		
8	<p>Remove (4) plastic clips on upper corner near head lamp.</p>		
<div style="display: flex; justify-content: space-around;">   </div>			
9	<p>Located next to the hood latch, disconnect (2) sensors located at the top center of grille. Note to pull the plastic cable support clip.</p>		 <p style="text-align: center; font-size: small;">FIG 9</p>
10	<p>The OEM Factory Grille should now be free and ready to remove. Carefully place the grille on a soft cushioned surface and prepare to remove the shutter component which is currently fastened to the backside of the factory grille.</p>		
11	<p>Remove the (7) 10mm plastic bolts that line the outside edge and the (1) 8mm bolt that is secures the center structure.</p>		 <p style="text-align: center; font-size: small;">FIG 10</p>
12	<p>Remove the (4) plastic clips located on the top lip.</p>		 <p style="text-align: center; font-size: small;">FIG 11</p>

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13	Set factory grille aside and prepare to install your new Grille.	 <p style="text-align: center; margin-top: 5px;">FIG 12</p>
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14	<p>With the new Grille unit placed face down on a flat cushioned surface. 1) Fit the shutter component over each fixed bolt thread. There is 8 total. Place the provided 3/16" fender washer and nylon lock nut hardware over and onto the mounting points. Tighten down with your 7mm socket. 2) Make sure to reinstall the (1) 8mm bolt that secures the center structure. 3) Flip up and stand the entire grille unit up to access top. Re-insert plastic clips which will then secure shutter component to new Grille.</p>
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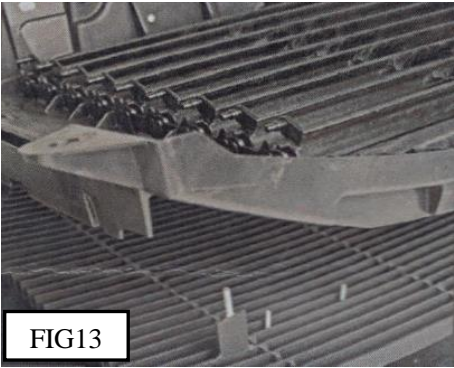


FIG13




FIG14

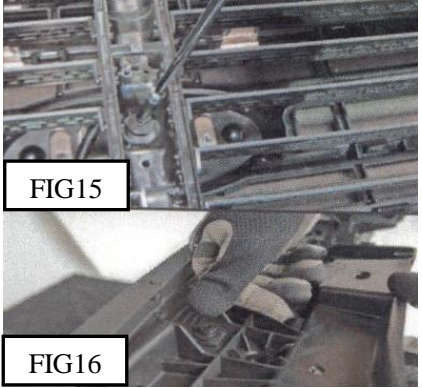


FIG15

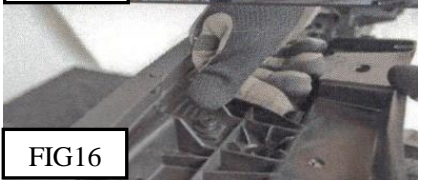


FIG16

15	<p>Grille assembly is now ready to reinstall on vehicle. Match it up to factory mounting points and reinstall in the reverse order that the grille was removed. Start with the (4) 10mm factory bolts on top and the (2) 8mm bolts located near the bottom corners.</p>
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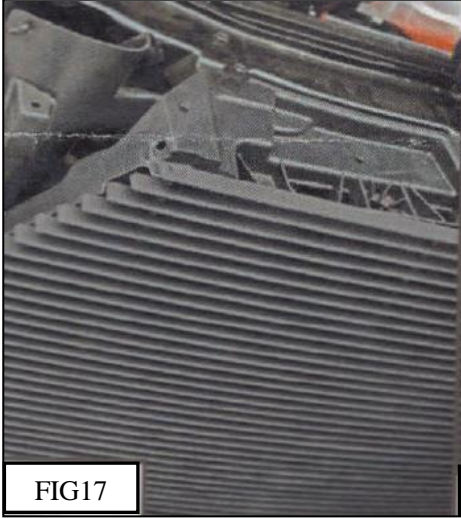


FIG17




FIG18


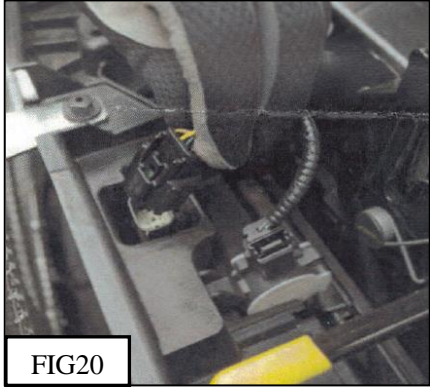


FIG19

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16	<p>Plug the (2) sensor connections back into the shutter component sensor units. Place plastic radiator shroud cover over core support making sure the cold air intake lip is overlapped on top of the shroud. Align the factory mounting holes and use the (10) plastic clips to secure and fasten in position.</p>		 <p align="center">FIG20</p>
17	<p>Carefully put back into place the headlight plastic body panel around the head lamp area making sure to align with 8 tab fasteners and then firmly press into place. Use the (2) bolts to mount and secure the panel on the inside wheel well lip. on each side of the grille at the top corners, reinsert the plastic tabs. (1) on each side.</p>		
18	<p>At this point you want to look over your work and examine the gap alignments around all edges and in between the new Grille and the vehicle components and body lines. Carefully close the hood for a complete visual inspection. If adjustment is needed, you can loosen the top mounts and shift side to side even gaps.</p>		
19	Installation completed!!!	N/A	

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