

PATENT PRODUCT Grille Installation Instruction

Rev. 190801

Part#	# GR20HFG55 C/S/J Application For 2010-2013 Toyota Tundra 1 PC Without Logo Show												
	Item	Part Name	QTY	Description	ltem	Part Name	QTY	Description					
Parts Lis	t 1	1 Billet Grille		Stainless steel	4	Nut Plates	6						
	2	2 Screws		6 #8 3/4 ″		U Nuts	2						
Install Notes: Overlay \times Replacement \checkmark Drill \checkmark Cut \checkmark													
Step	Description			illustration									
	Identify the grille & hardware with parts list.												
2	Remove the two 10mm bolts from the factory hood latch (where it bolts to the grille). (Fig 1) Next disconnect the factory hood latch rod at the top where it connects to the hood latch. (Fig 2) Remove ten 10mm bolts that hold the factory grille to the hood. (Fig 3) Using a plastic pry bar between the hood and the grille, carefully pop the grille shell from the hood and remove the grille shell. (Fig 4)												
Fig 1		Fig 2			Fig 3	Fig	4						
3	With the factory grille shell removed, take the hood latch bracket off of the factory grille shell with a phillips screwdriver (save the screws as you will need them later) (Fig 5).												
4	Now take the factory grille shell and apply masking tape to the front surface to prevent scratching it. Next you will need to cut out the center of the factory grille leaving about 1/8" to 1/4" of material that will be ground down with a grinding wheel (make sure to leave the black plastic ring intack that sits inside the factory grille center opening) Now grind down the inside lip of the factory shell with a grinding wheel until it is smooth.(Fig 6) The grille shell should look like (Fig 7) Once the center is cut out and ground smooth. Now take the billet grille and lay if on a work table with the side with the bracket welded to it facing upward.												
5	(Fig 8) Take the factory grille shell and place it on top of the billet, center the billet in the factory grille shell and use a couple of pairs of vise grips to hold the shell and billet from moving. With the billet centered and secured with vise grips in the factory grille shell, take a 1/8 ["] drill bit and motor and drill through the 6 tabs with holes in them on the backside of the billet and through the inner lip of the factory grille shell.												

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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6	(Fig 9) Now take the six #8 3/4" screws and insert them from the outside with the threaded ends facing toward the center of the grille and insert the six nut plates on them and tighten (the nut plates will be installed on the inside of the grille shell on the side with the metal tabs on the billet)										
7	(Fig 10) Now take the two u nuts and install them onto the bracket on the backside of the billet. (Fig 11) Now install the bracket that you removed from the factory grille onto the billet using the factory hardware.										
8	(Fig 12) Take the finished grille shell and reinstall it onto the vehicle using the factory hardware.										
9	(Fig 13) After the grille shell is on the vehicle take the latch assemble and install it onto the bracket on the backside of the billet using the factory hardware. (Fig 14) Re attach the rod from the latch to the latch mechanism on the under part of the hood. (Fig 15)Make sure the hood latch is working properly before closing the hood.										
10	Installation completed!!!										
Fig 9		$\left \begin{array}{c} \hline \\ \hline $		Fig 7 Fig 7 Fig 11 Fig 11 Fig 11		Fig 12					

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