

# 20961 20961B

10-13 TOYOTA  
TUNDRA



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### Billet Grille Insert 1 Pc.

#### TOOLS REQUIRED

10 & 8 mm Sockets  
Ratchet  
Phillips Screwdriver  
Plastic Prybar  
1/8" Drill Bit & Motor  
Jig saw  
Grinding wheel/grinder

#### PARTS LIST

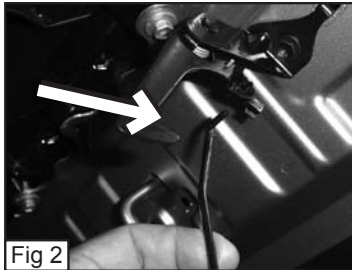
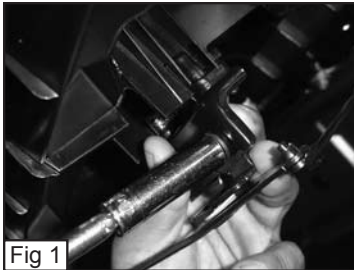
(2) U Nuts  
(6) #8 3/4" Screws  
(6) Nut Plates  
(1) Billet Grille



PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE INSTALLATION. Auto makers offer varied models to each vehicle and occasionally manufacture more than one body style of the same model.

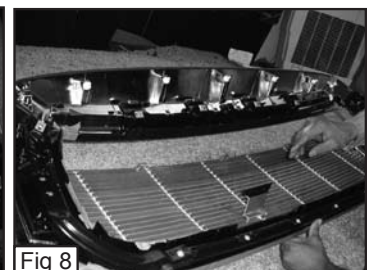
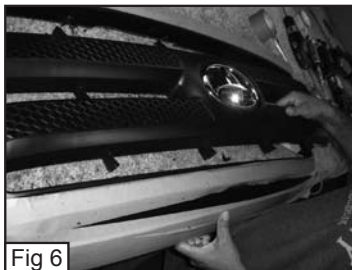
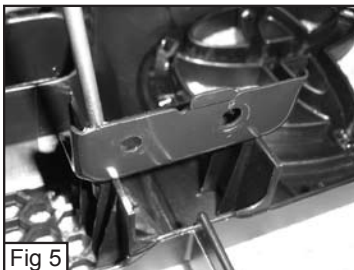
### Step 1 Factory Grill Removal

Remove the two 10mm bolts from the factory hood latch (where it bolts to the grill). (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 grill, carefully pop the grill shell from the hood and remove the grill shell. (Fig 4)



### Step 2 Billet Grille Install

With the factory grill shell removed, take the hood latch bracket off of the factory grill shell with a phillips screwdriver (save the screws as you will need them later) (Fig 5) Now take the factory grill 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 grill 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 intact that sits inside the factory grill center opening) Now grind down the inside lip of the factory shell with a grinding wheel until it is smooth. (Fig 6) The grill shell should look like (Fig 7) once the center is cut out and ground smooth. Now take the billet grille and lay it on a work table with the side with the bracket welded to it facing upward. (Fig 8) Take the factory grill shell and place it on top of the billet, center the billet in the factory grill shell and use a couple of pairs of vise grips to hold the shell and billet from moving. Continued on page 2.



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## Step 2 Billet Grille Install Continued

With the billet centered and secured with vise grips in the factory grill 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 grill shell. (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) (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 grill onto the billet using the factory hardware. (Fig 12) Take the finished grill shell and reinstall it onto the vehicle using the factory hardware. (Fig 13) After the grill 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. Installation complete.

