

20964/6219640
14-15 TOYOTA
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Billet Grille

TOOLS REQUIRED:

Socket Set
Flat/Phillips Screw Drivers
Pliers

PARTS LIST:

(6) U-Nuts
(2) #10 Screws
(2) #8 Screws 3/4"
(2) 1/8" PVC Tube

(2) 2" Flange Bracket
(1) Top Plate Overlay Bracket - driver
(1) Top Plate Overlay Bracket - passenger
(2) Bottom Extensions Brackets
(6) #10- 1" Pan Head Screws
(2) 1" Black Fender Washers



Factory Grill Removal

Step 1

From underneath the hood remove two plastic fasteners from the factory grille located near the headlamps with a flat screwdriver (Fig 1).



Step 2

Remove four 10mm bolts from the plastic radiator cover then remove the radiator cover (Fig 2).



Step 3

Pull the top of the factory grille slightly forward a couple of inches, reach down behind the factory grill with a long flat screwdriver and press on two plastic latches located on the bottom and ends of the factory grill (Fig 3) while pulling the bottom of the factory grill forward, remove the factory grill from the vehicle (Fig 4).

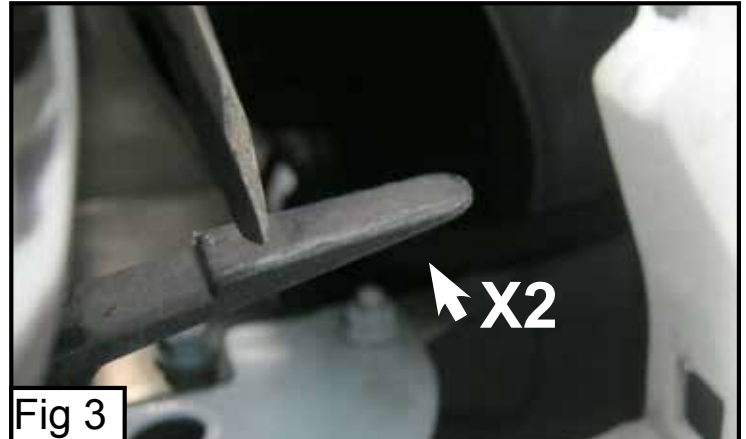


Fig 3



Fig 4

Step 4

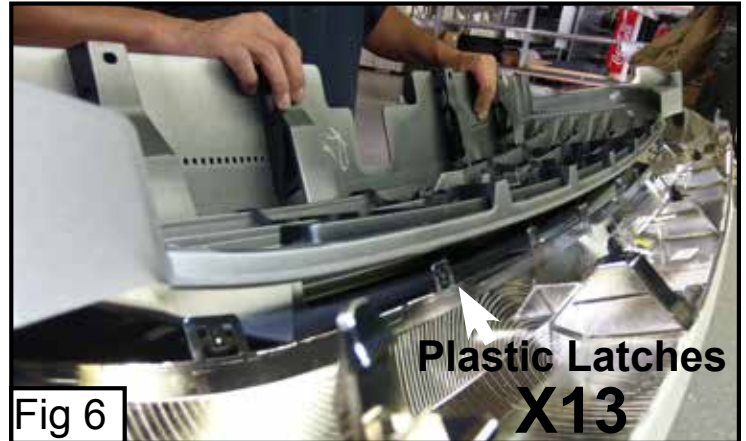
Place the factory grill face down on a clean soft surface (take special care to protect the chrome factory shell). On the back of the grille assembly use a phillips screwdriver to remove two phillips screws from each side of the factory grille (4 total)(Fig 5).



Fig 5

Step 5

Now remove the black plastic grille insert from the factory grill shell by unlatching thirteen plastic latches around the grill with a flat screwdriver and remove the black plastic grill insert (Fig 6). With a pair of pliers break off all thirteen clips from chrome plastic frame, this will allow your billet grille to sit flush with the chrome frame during installation (Fig 7).



Billet Grille Installation

Step 6

Take the two top plate overlay brackets and install them on the upper corners of the factory grill shell using the factory screws to secure them to the grill shell (Fig 8) and install the u-nuts onto the arms of the brackets as in (Fig 8). Insure the u-nut is oriented with the side that accepts the screw facing outward as shown.

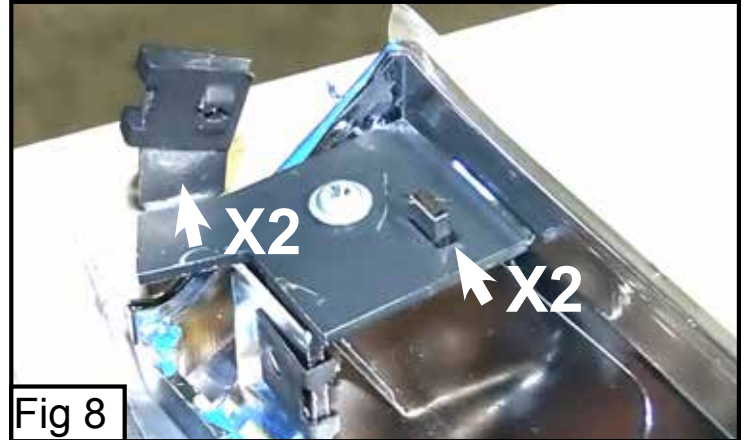


Fig 8

Step 7

Reinstall the factory chrome grille shell (with the brackets installed) onto the vehicle, make sure the brackets slide under the black plastic arms on the core support (Fig 9) and that the holes in the u-nut and bracket line up with the hole in the plastic bracket on the core support.



Fig 9

Step 8

Take the two bottom extension brackets and install u-nuts onto the small ends aligning with the holes in the brackets (Fig 10) and oriented as shown.

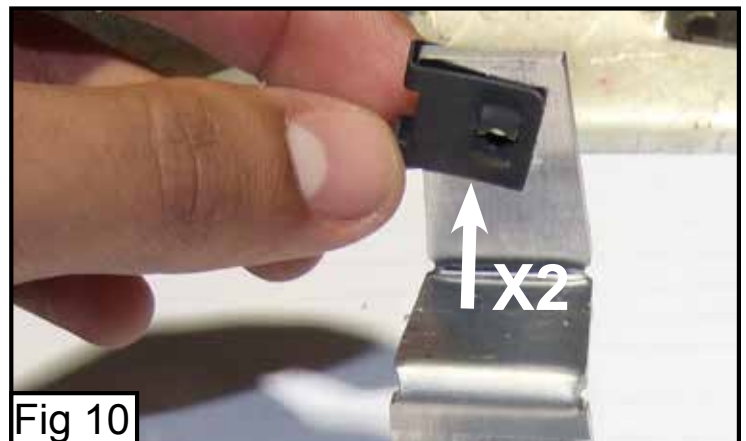


Fig 10

Step 9

Install two u-nuts onto the the two flange brackets aligning the holes in the u-nuts with the holes in the flange brackets (Fig 11) and oriented as shown.

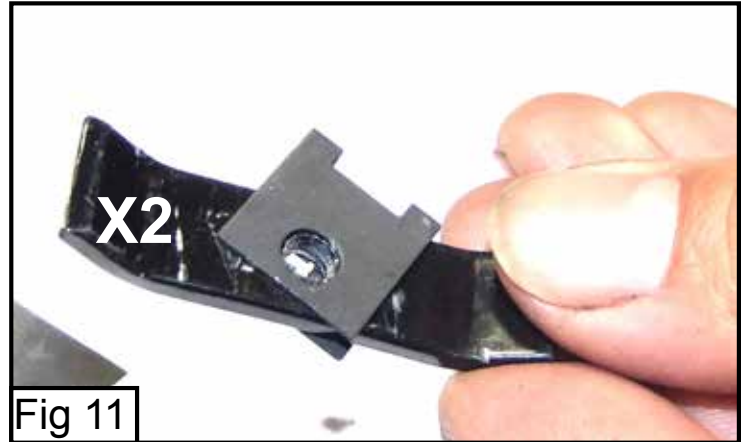


Fig 11

Step 10

Take the two flange brackets with the u-nuts installed on them and attach them onto the large ends of the bottom extension brackets with one #8X3/4" screw and one 1" black fender washer. The bent ends of the flange brackets facing the bottom extension brackets (Fig 12). For the Laser Billet use the holes closest to the vertical arm, for the standard Billet use the holes farthest from the vertical arm (Fig 12).

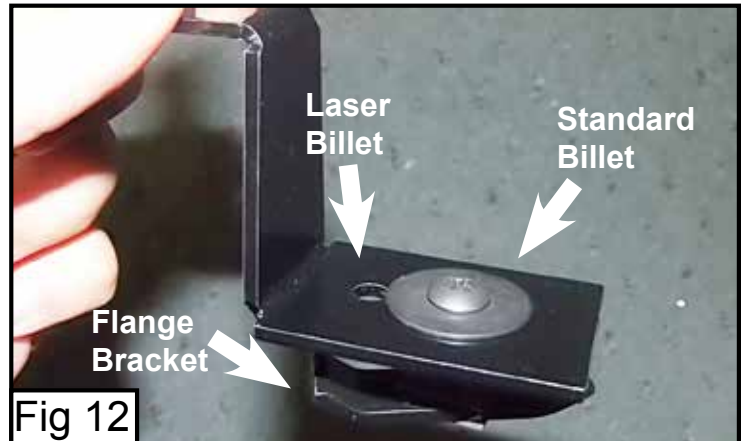


Fig 12

Step 11

Take the two bottom extension brackets and install them down behind the factory grille shell onto the black metal plate with rectangular holes, the flange brackets will go through the holes and grab the lip on the bottom of the hole when tightening. Align the outside edge of the bracket will align with the outside edge of the holes (the edge closest to the headlamp). Tighten the screws on the flange brackets to secure the brackets to the metal plate (Fig 13). Test fit the Billet grille in the chrome shell opening to make sure the holes in the bracket arms and the holes in the mounting plates on the bottom back of the Billet grille align correctly.



Fig 13

Step 12

Install the factory logo onto the logo plate on the Billet grille, slide the pvc tube down over the plastic latches to secure the logo to the plate (Fig 14).



Fig 14

Step 13

Take the billet grille and place it into the chrome factory grill shell. Take six #10x1" pan head screws and secure the top plate to the vehicle by inserting the screws through the six holes in the top plate and tighten (Fig 15).



Fig 15

Step 14

Insert two #10 screws through the billet bars at the bottom of the billet grille, through the metal plates with holes in them on the back of the Billet grille and into the bottom extension brackets and tighten (Fig 16).

Installation complete.



Fig 16