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Year: 2006-2009  
Make: Toyota  
Model: 4Runner

## INSTALLATION INSTRUCTIONS



**What's in the Box:** (1) Mesh Piece



**Tool List:**

- Masking tape
- Phillips screwdrivers
- Sandpaper of varying grits
- Bondo or similar product
- 10mm socket and ratchet
- Paint, primer, and surface prep products
- Glazing & spot putty (critical to getting good results)
- Tool(s) to cut and grind plastic (Dremel or similar product)
- A respirator-type mask (recommended for fine dust from sanding )

### Upper Grill Removal:

Open the hood and drape the (cool) engine with something to catch the bolts if you drop one. Loosen with hand tools the eight 10mm bolts holding the grill to the hood before using any kind of power method to remove them. Remove the bolts, pull gently to separate the grill from the hood, and then rotate the grill as needed to disengage the rod from the hood release latch.



## **Grill Disassembly:**

Remove the chrome horizontal front center piece (has the oval Toyota logo on it) and the lower black metal inside framework. Both are attached by Phillips-head screws. There's also a small black plastic piece that overlaps the edge of the grill (at right in pic). Save the black metal piece frame, small plastic piece, and the mounting screws for each as all will be needed later.



You will no longer need the center cross-piece or its mounting screws.





It's a good idea to go ahead and mask the part of the grill that's either chrome (SR5 & Sport models) or painted to match the body color (Limited) to protect it during the subsequent steps.

### Grill Gutting:

The goal here is to cut away the plastic grid, coming as close as possible to the side **without gouging into it**. Trust me, it is *much* easier to grind away a bit of excess than to fill the gouge and sand it.



### Grill Sanding:

Sand the inside smooth. Each of the black spots is an attach point that's been cut away. Note the gap on side where the large middle piece shown in the pic above was attached. There's a similar gap on top. We'll take care of those next.



## Grill Body Work:

Now fill in the gaps on the sides and top.



The next step is to use your choice of body filler to cover the backing material in the gaps and any other imperfections on the inside surface.





Once it's smooth, it's time to paint the inner surface. DupliColor Trim and Bumper paint was used.



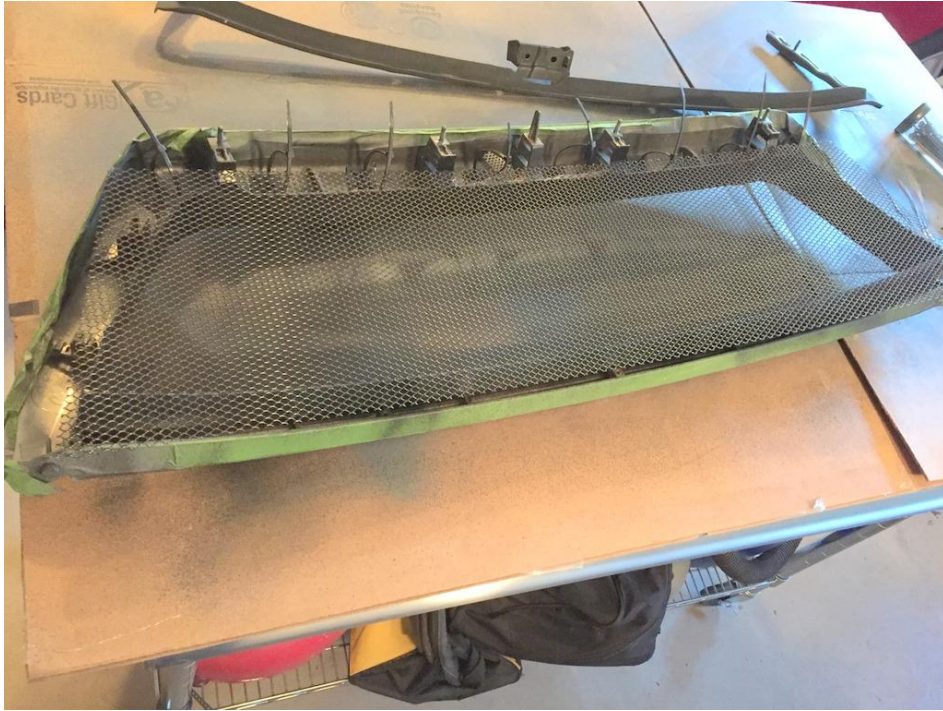
### **Mesh Attachment Prep:**

Thoroughly wipe down the area of the grill frame where the anchors are placed to get a clean surface for the adhesive. It's good to supplement the adhesive on the anchors with Automotive Goop. Then slide the zip ties through with the head end out. Just put anchors on the top row because the metal grill bracket can anchor the zip ties along most of the sides and all of the bottom.

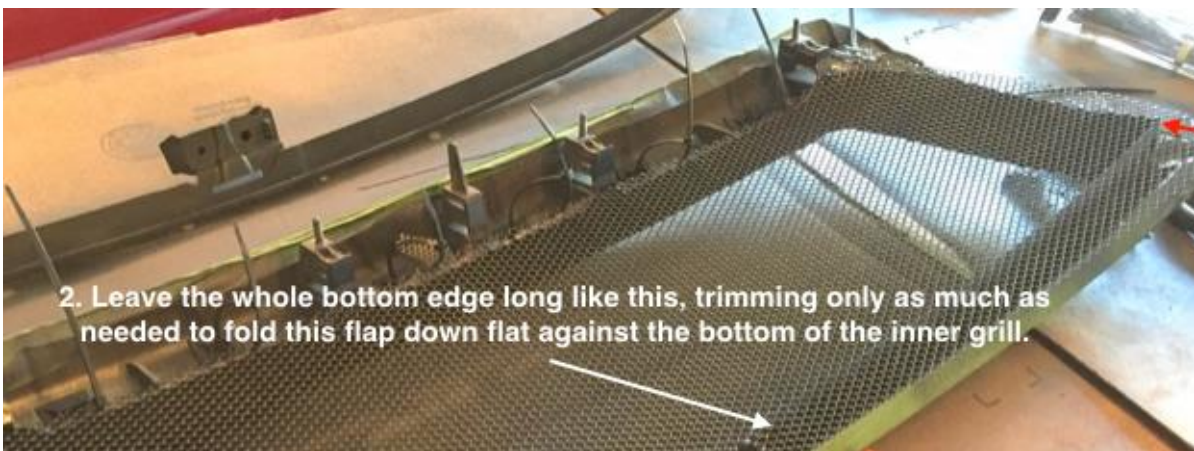


## Mesh Trimming:

Our pre-cut mesh needs minimal trimming and cuts easily with tin snips. Lay it out and loosely attach it with the upper zip ties.



Most of the lower edge can be folded down and sandwiched under the metal grill bracket once it's reinstalled. So the best way to do this is to cut a straight line in from the mesh's edge to the grill's lower corner. This makes the bottom of the mesh into a flap you can fold down over the bottom edge.



**1. Cut in like this on each side.**

**2. Leave the whole bottom edge long like this, trimming only as much as needed to fold this flap down flat against the bottom of the inner grill.**





PLEASE NOTE: The instructions provided are the suggested installation method. If you feel that the installation instructions are inadequate or unsafe then please feel free to develop your own installation techniques that fit your exact needs. customcargrills.com llc is not liable for any personal or property damage resulting from our products. If you have any suggestions on how to improve our installation instructions then please email your comments to [info@customcargrills.com](mailto:info@customcargrills.com) .