

**TOYOTA Tundra**

**2008 -**

**Billet Grille**

Part Number: 00016-34741-Grille Insert  
 00016-34742-Lower Bumper (3 pcs.) Insert  
 00016-34743-Top Hood Insert



Assessory Code: BG1

**Kit Contents**

Item #	Quantity Req'd.	Description
1	6	Spacers
2	6	Brackets
3	6	1/4-20 x 1 1/2" Bolts
4	6	1/4 -20 Nyloc Nuts
5	4	Rivets
6	4	Toggle Bolts
7		
8		

**Hardware Bag Contents**

Item #	Quantity Req'd.	Description
1		
2		
3		
4		
5		
6		
7		
8		

**Additional Items Required For Installation**

Item #	Quantity Req'd.	Description

**Conflicts**

Note:

**Recommended Tools**

<b>Safety Tools</b>	
Safety Glasses	
<b>Special Tools</b>	
Drill	3/16" Bit
Scribe	3/16 Allen Bit
<b>Installation Tools</b>	
Tape (Masking)	
Socket	11, 12mm Sockets
<b>Special Chemicals</b>	

**Color Applicability/Trim Level**

Accessory Color	Vehicle/Trim Color																		






**General Applicability**

**Recommended Sequence of Application**

Item #	Accessory	
1		
2		
3		

\*Mandatory

**Legend**

-  **STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.
-  **OPERATOR SAFETY:** Use caution to avoid risk of injury
-  **CRITICAL PROCESS:** Proceed with caution to ensure a quality installation. These points will be audited on a completed vehicle installation
-  **TOOLS & EQUIPMENT:** This calls out the specific tools and equipment required for this process
-  **REVISION MARK:** This mark highlights a change in installation with respect to previous issue.

**SPECIAL NOTE:**  
 After TMS and Safety mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation. In some instances the suggested sequence is written for one associate to install and in others the sequence is given as part of a team accessory installation. Unless otherwise stated in the document, the associates may perform the installation steps in any order to make the installation as efficient as possible while maintaining consistent quality.

# Toyota Tundra

# Billet Grille

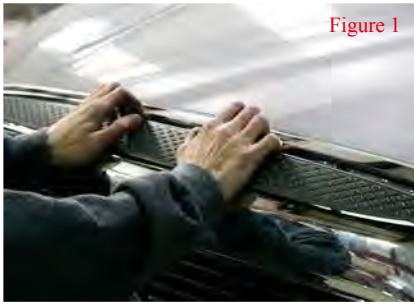


Figure 1

Remove the plastic rock guard from top of stock shell. Do so by unclipping at one end and working to the other.



Figure 2

Place machined billet grille into opening and center. Make sure and check for alignment all the way around. Tape the machined grille in place using masking tape, so that it doesn't move during marking of the holes. Next mark hole locations using a scribe while using the machined piece as a guide to mark holes.



Figure 3

Remove machined grille and drill the just marked hole locations. Drill using a 3/16" drill bit. Place grille back in place and attach using the supplied OEM style rivets. Place rivet in hole and push rivet to snap in place. You may use the flat end of a regular screwdriver to aid in pushing in place.

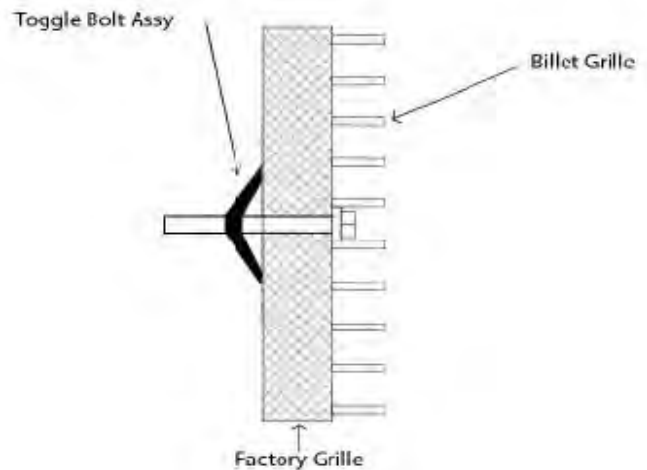
**NOTE:** If you find that you need an extra hand during the marking and drilling process, simply mark and drill one of the holes. Then pull one of the rivets apart and place just the bottom portion of the rivet in place to hold while marking the other holes. Note: These fasteners are very secure so by placing just the bottom portion will allow you to remove.



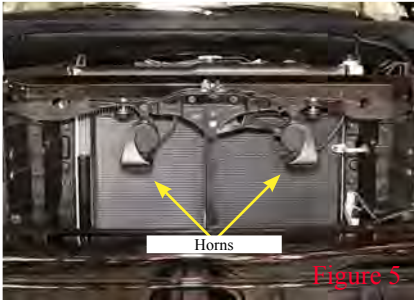
Figure 4

Place Billet Grille into opening and center. Attach Billet Grille by using the supplied Toggle bolt assemblies. Place bolt thru mounting tabs in Billet Grille then attach wing portion of toggle on bolt & tighten, without over tightening. See Diagram

## Diagram



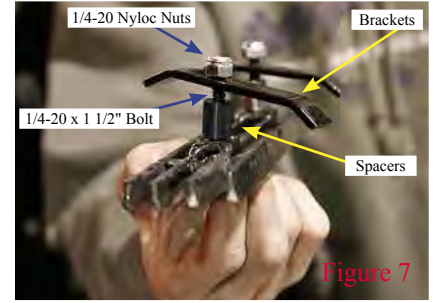
Note: Please adjust horizontal blades if irregular. This is the result of shipping and handling.



Open hood and locate the horns shown above.



Optional Step: Remove both horns by unclipping the wiring harness and then remove the stock bolt holding in place. This will allow you more room to work.



Start by placing supplied 1/4-20 x 1 1/2" bolt thru mounting tab in billet grille. Then place the supplied spacers on bolts, followed by the brackets & 1/4-20 nyloc nuts. Repeat process for all remaining billet grilles.



Rotate the brackets sideways and place billet grille into opening and center. Reaching on the backside of the bumper rotate the brackets around so that they catch the top of metal rail and bottom of plastic bumper opening as shown.



Tighten bolts using an allen wrench and ratchet to fasten.



Repeat for remaining grilles.

Check:

Look For:

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Grille Fit

Uniform Gaps Surrounding Grill



Bolts and Nuts

All bolts and nuts removed or installed are fully tightened.