

**TOYOTA**

## Tundra

2014

## Billet Grille

**Part Number; 00016--34064; Black**  
**00016-34065; Polished Face**



**Accessory Code: BG10, BG2000**

## Conflicts

Note:

## Kit Contents

Item #	Quantity Req'd.	Description
1	1	Grille Assembly
2	1	Hardware Kit
3	1	Logo Plate (SR5)
4	1	Logo Plate (Limited)
5		
6		
7		
8		

## Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	6	U-Nuts
2	8	#10 Screws
3	2	#8 Screws
4	2	2" Flange Brackets
5	2	Top Plate Extension Brackets (Left/Right)
6	2	Middle Extension Brackets (Left/Right)
7	2	Bottom Extension Brackets (Left/Right)
9	4	1" X 3/16" Flat Washer
10	3	3/16" Black PVC Tube
11	2	10/32" Nylon Lock Nuts

### Additional Items Required For Installation

Item #	Quantity Req'd.	Description

## Recommended Tools

<b>Safety Tools</b>	
Safety Goggles	
<b>Special Tools</b>	
Masking Tape	
<b>Installation Tools</b>	
Socket Set	
Flat/Phillips Screw Drivers	
Pliers	
Nylon Fastener Tool	
<b>Special Chemicals</b>	

### Color Applicability/Trim Level

[illegible]

## General Applicability


2014 TUNDRA ALL


## Recommended Sequence of Application


Item #	Accessory	
1	LED DRL	
2	BILLET GRILLE	
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.

 **CAUTION:** A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.

 **TOOLS & EQUIPMENT:** Used in Figures calls out the specific tools and equipment recommended for this process.

 **REVISION MARK:** This mark highlights a change in installation with respect to previous issue.

 **SAFETY TORQUE:** This mark indicates that torque is related to safety.

### **SPECIAL NOTE: Installation Sequences**

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.

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure quality installation. These guidelines can be found in the Accessory Installation Practices document.

This document covers such items as:

- ( ) Vehicle Protection (use of covers and blankets, cleaning chemicals, etc)
- ( ) Safety (eye protection)
- ( ) Vehicle Dissassembly / Reassembly (panel removal, part storage, etc)

## NOTE:

**Apply masking tape to all painted and/or chrome surfaces surrounding grille area to prevent damage to those surfaces during removal & installation.**

## Factory Grille Removal

### 1.

From underneath the hood remove two plastic fasteners from the factory grille located inside of the headlamps with a nylon fastener tool (Fig 1).

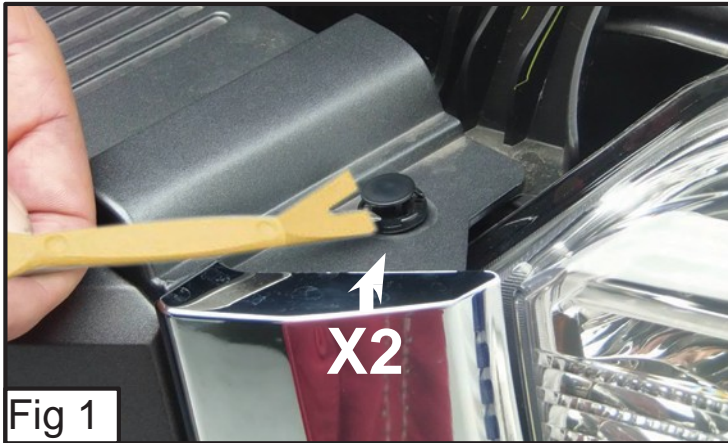


Fig 1

### 2.

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

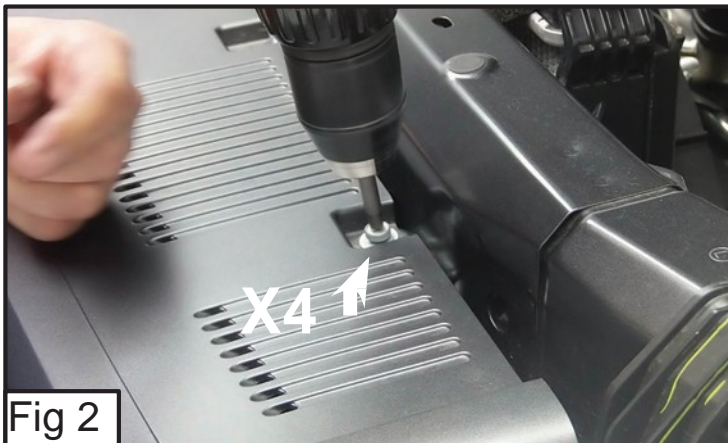


Fig 2

### 3.

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

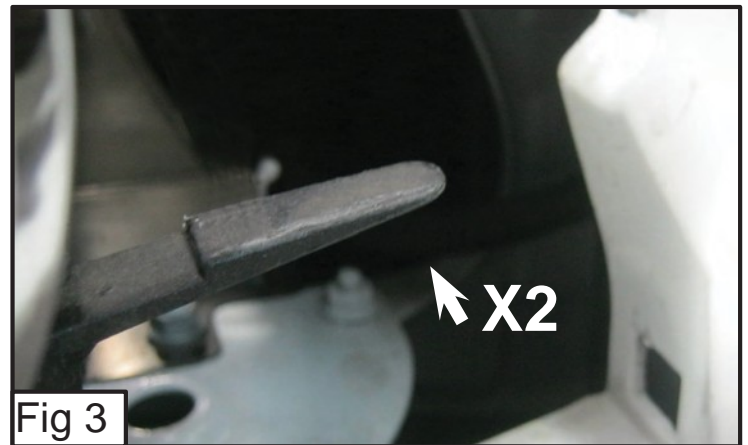


Fig 3

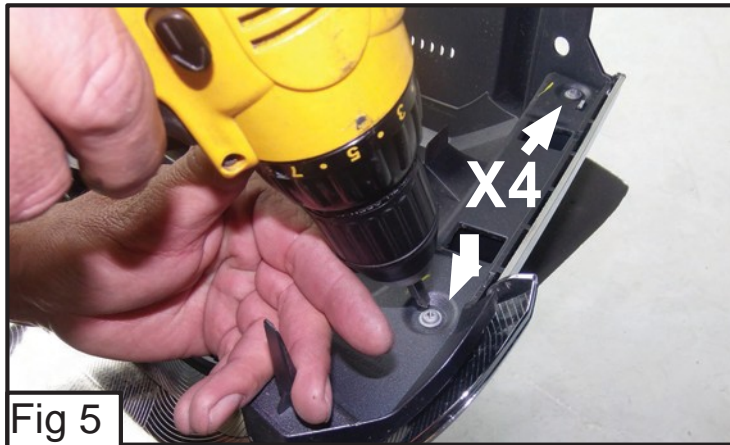


Fig 4



**4.**

Place the factory grille 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).



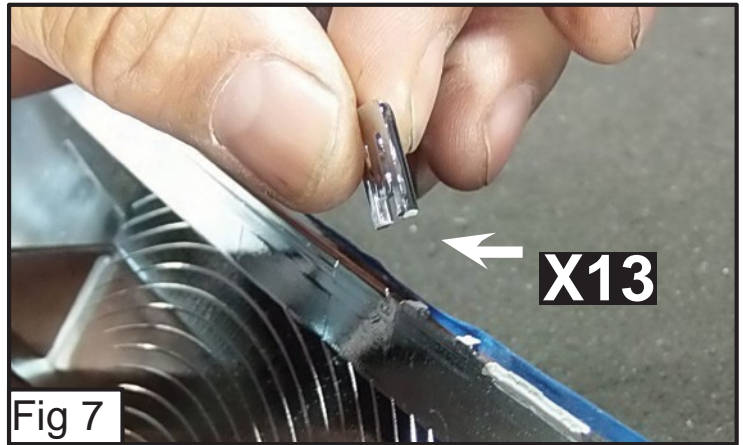
**5.**

Now remove the black plastic grille insert from the factory grille shell by unlatching thirteen plastic latches around the grille with a flat screwdriver and remove the black plastic grille insert (Fig 6).



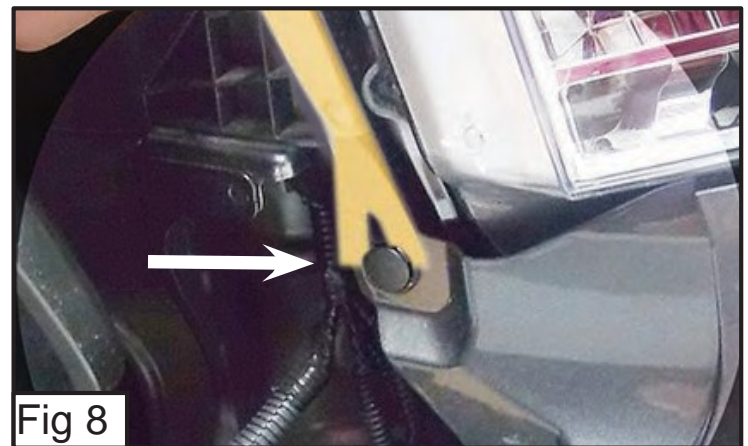
**6.**

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).



**7.**

Use a nylon fastener tool to remove two plastic fasteners located just below the inside bottom corner of each headlamp (Fig 8). Save these fasteners as you will use them later in the installation.



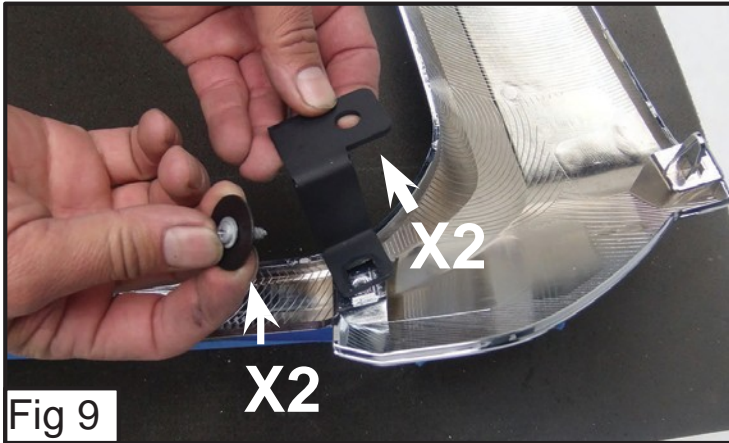
**8.**

Remove the factory Toyota logo from the factory grille by pressing the tabs on the back of the logo inward while pulling the logo forward.

## Billet Grille Installation

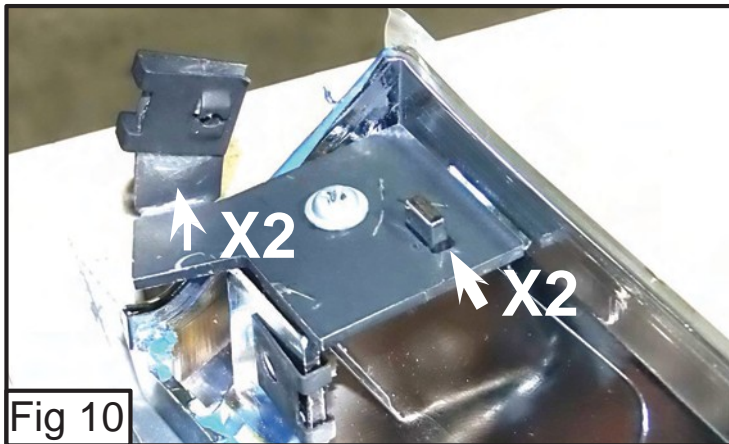
### 9.

Take the two Z support brackets and install them on the backside of the factory grille shell with the arm bending downward as shown (Fig 9). Use the factory screws removed in Step 4 along with one 1" black fender washer on each bracket to secure the bracket to the factory grille shell. Repeat this on the opposite side of the factory grille. Tighten the two screws.



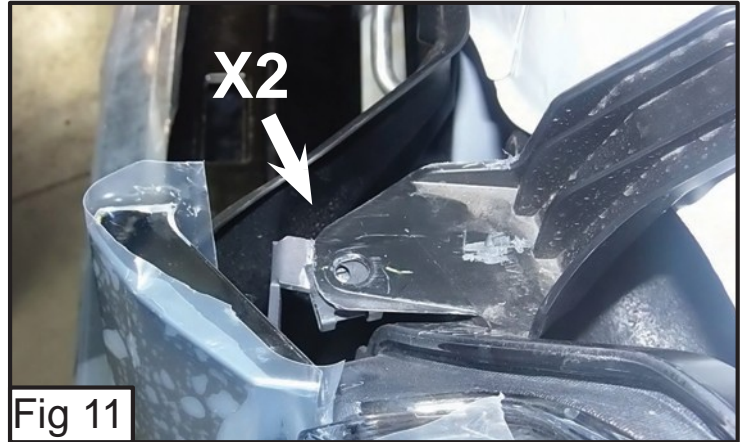
### 10.

Take the two top plate extension brackets and install them on the upper corners of the factory grille shell using the factory screws to secure them to the grille shell (Fig 10) and install the u-nuts onto the arms of the brackets as shown in (Fig 10). Insure the u-nut is oriented with the side that accepts the screw facing outward as shown.



### 11.

Reinstall the factory chrome grille shell (with the brackets installed) on the vehicle, make sure the brackets slide under the black plastic arms on the core support (Fig 11) and that the holes in the u-nut and bracket line up with the hole in the plastic bracket on the core support.



### 12.

Reach down behind the factory grille and locate the brackets that you installed on step 7 and insert the factory plastic fastener through the hole in the bracket and into the same hole in the vehicle it was removed from (Fig 12). Make sure the fastener is fully inserted and secure.





## TOYOTA Tundra Billet Grille

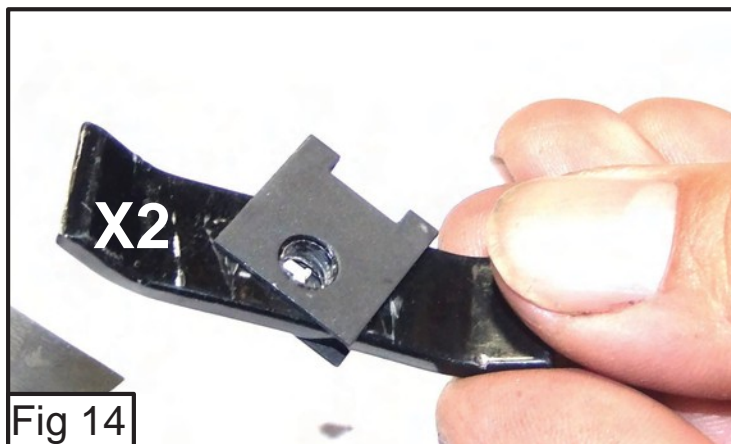
### 13.

Take the two bottom extension brackets and install u-nuts onto the small ends aligning with the holes in the brackets (Fig 13) and oriented as shown.



### 14.

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 14) and oriented as shown.



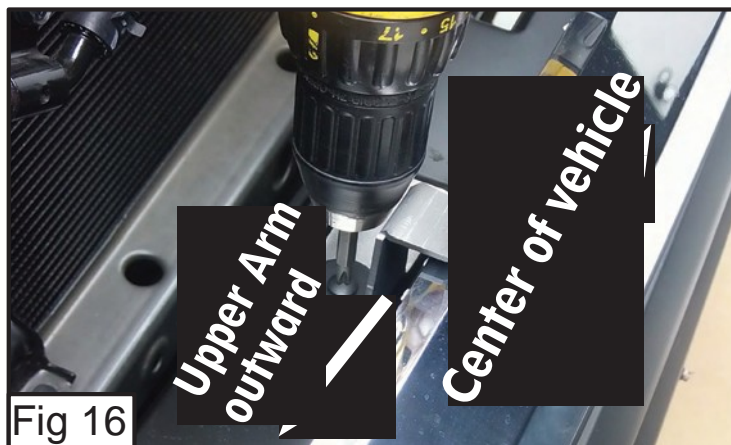
### 15.

Take the two flange brackets (with the u-nuts installed) and attach them onto the large ends of the bottom extension brackets with one #8X3/4" screw and one 1" black fender washer. You will only need to screw the threads in a couple of turns as you want the flange brackets to have some space between them and the bottom extension bracket (Fig 15). You will have two assembled bottom extension brackets.

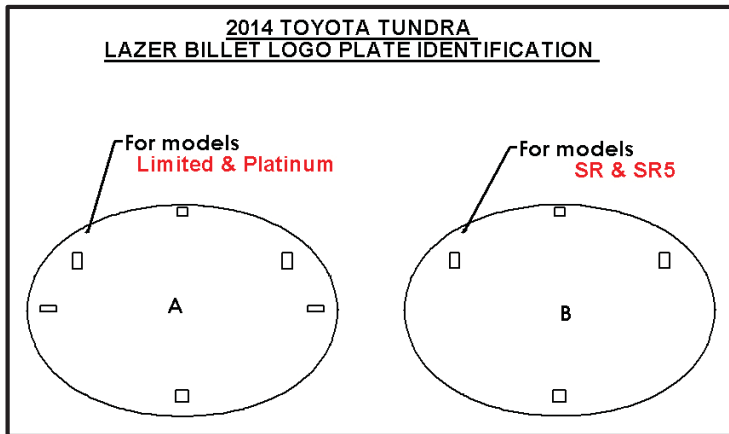


### 16.

Take the two bottom extension brackets and install them down behind the factory grille shell onto the black metal bumper plate with rectangular holes. The longer side of the brackets base will install toward the center of the vehicle and the upper arms will be toward the outside of the vehicle (Fig 16). The flange brackets will drop through the rectangular holes and grab the lip on the bottom of the rectangular hole when secured. Tighten the screws on the flange brackets to secure the brackets to the metal bumper plate. Test fit the Billet 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 align correctly.



Please select the correct logo plate before installing. For Limited & Platinum edition use Logo (A), for SR & SR5 edition use Logo (B). See diagram below.

**17.**

Install the factory logo onto the logo plate, the tabs on the back of the logo insert through the holes in the front of the logo plate. Insert the bottom tab first and then the three top tabs, make sure the tabs latch on the back of the logo plate (Fig 17). Slide the pvc tube down over the plastic latches of the factory logo on the back of the logo plate to secure the logo to the plate (Fig 18). Place the threaded studs on the logo plate through the billet bars and the tabs on the back of the Billet. Secure the plate with two 10/32" nylon lock nuts.

**18.**

Take the billet grille and place it into the chrome factory grille shell. Take six #10 screws and secure the top plate to the vehicle by inserting the screws through the six holes in the top plate and tighten (Fig 19).

Note: Do not over tighten the six # 10 screws or it will pull the factory plastic clips out of metal tabs.

**19.**

Insert two #10 screws through the billet bars at the bottom of the billet grille, through the mounting plates with holes in them on the back of the Billet and into the bottom extension brackets and tighten (Fig 20).

**Installation complete.**



## TOYOTA Tundra

## Billet Grille



00016-34065 - Polished



00016-34064 - Black

Check

Accessory Functions

- ☐ Alignment of grille, make sure there's no contact of the grille to the chrome grille shell.
- ☐ All hardware is installed and tight/grille is secured to vehicle.....
- ☐ Wipe grille to remove any hand prints/dust.....

Vehicle function

- ☐ Hood clearance and hood latch proper function ....

Look for:

- Loose hardware
- Any installed logos are aligned
- General appearance of grille

VEHICLE FUNCTION CHECK

AFTER ALL PANELS, COVERS, AND COMPONENTS HAVE BEEN REINSTALLED, THAT WERE REMOVED, TEST THOROUGHLY, ALL MECHANICAL AND ELECTRICAL COMPONENTS DISCONNECTED AND OR REMOVED FROM THE VEHICLE DURING THE INSTALLATION OF THIS ACCESSORY.