



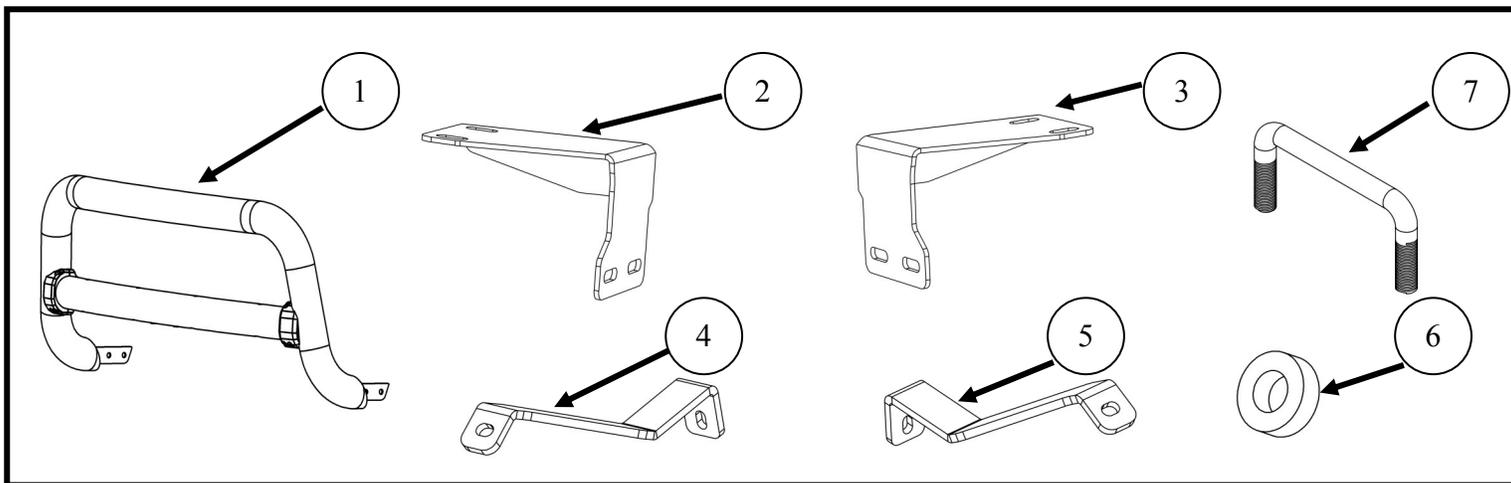
# INSTALLATION INSTRUCTIONS

APPLICATION: 2015 FORD F-150  
 PART NUMBERS: 32-31020, 32-31025, 32-31025T  
 3.5" CONTOUR BULL BAR

AUTOMOTIVE PRODUCTS, INC.

ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	1	CONTOUR BULL BAR	RATCHET
2	1	DRIVER LOWER MOUNT BRACKET	UTILITY KNIFE
3	1	PASSENGER LOWER MOUNT BRACKET	17MM SOCKET
4	1	DRIVER UPPER SUPPORT STRAP	15MM SOCKET
5	1	PASSENGER UPPER SUPPORT STRAP	13MM WRENCH
6	2	8MM LONG SPACER (YELLOW ZINC)	PRY TOOL
7	2	3/8" SQUARE U-BOLT (YELLOW ZINC)	ALLEN WRENCH
8	2	M8-1.25 X40 HEX HEAD CAP SCREW, CLASS 8.8 (YELLOW ZINC)	TORQUE WRENCH
9	2	M8 FLAT WASHER, 16MM OD X 1.6MM THICK (YELLOW ZINC)	SOCKET EXTENS.
10	2	M8 SPLIT LOCK WASHER (YELLOW ZINC)	
11	6	M10-1.50 X 30MM HEX SOCKET BUTTON HEAD CAP SCREW (STAINLESS STEEL)	
12	10	M10 FLAT WASHER 20MM OD X 2MM THICK (STAINLESS STEEL)	
13	6	M10 SPLIT LOCK WASHER (STAINLESS STEEL)	
14	4	M10 HEX NUTS (STAINLESS STEEL)	
15	4	3/8-16 HEX NUT (YELLOW ZINC)	
16	4	3/8 SPLIT LOCK WASHER(YELLOW ZINC)	
17	4	3/8 USS FLAT WASHER (YELLOW ZINC)	

**ANTI-SEIZE LUBRICANT MUST BE USED ON ALL STAINLESS STEEL FASTENERS TO PREVENT THREAD DAMAGE AND GALLING**

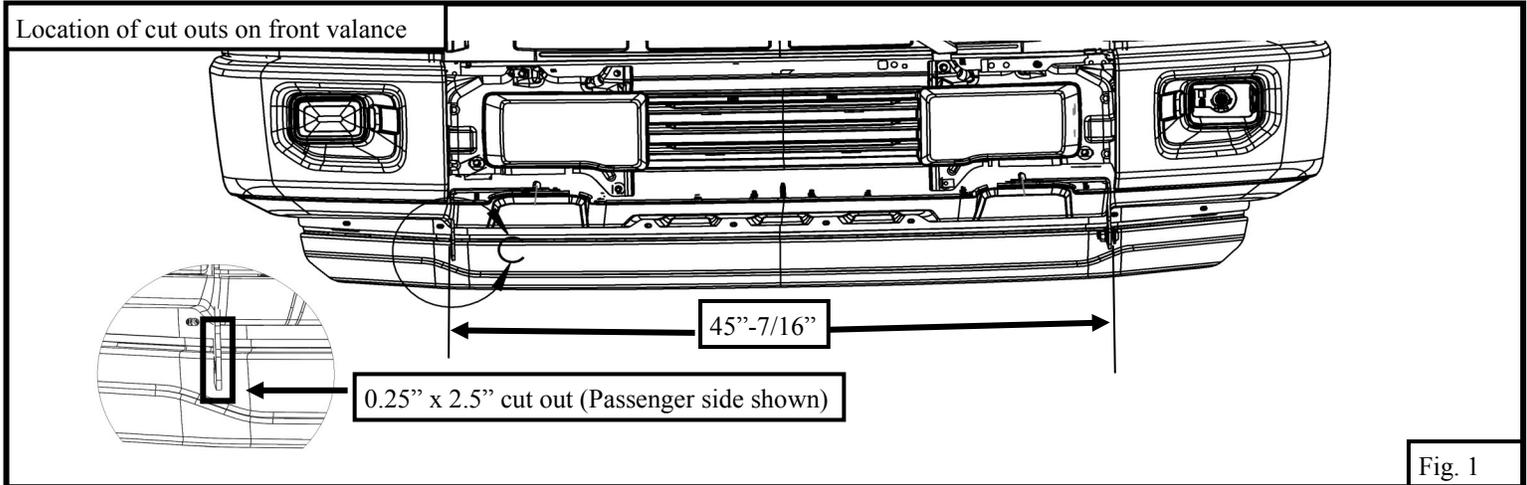


Westin Automotive Products, Inc.  
 320 W. Covina Blvd  
 San Dimas, Ca. 91773

Thank You for choosing Westin products  
 For Additional installation assistance please call  
 Customer service (800) 793-7846

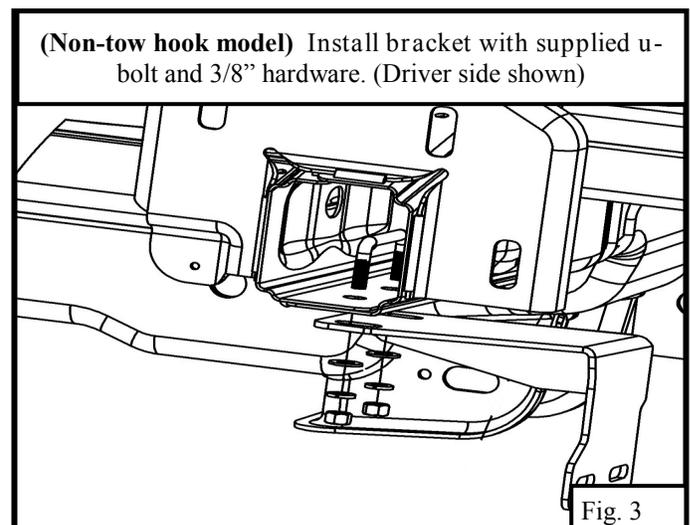
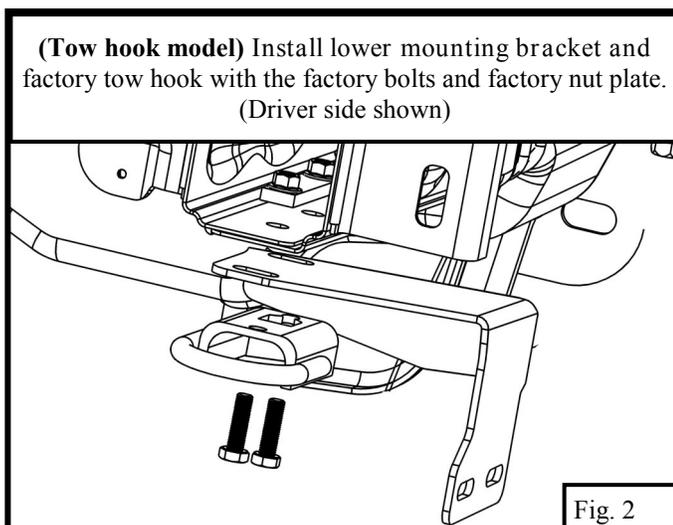
## PROCEDURE

1. Remove contents from box, verify if all parts listed are present and free from damage. Carefully read and understand all instructions before attempting installation. **Failure to identify damage before installation could lead to a rejection of any claim.**
2. Start installation on the driver side from under the front of the vehicle. **NOTE:** Trimming of the front valence is required in order to install the lower mounting brackets. From outer flange to outer flange, the lower brackets should measure 45-7/16". The approximate dimensions for the cut outs are shown in **Figure 1.** (**NOTE:** Trim as necessary)



### 3. Installation of lower mounting brackets:

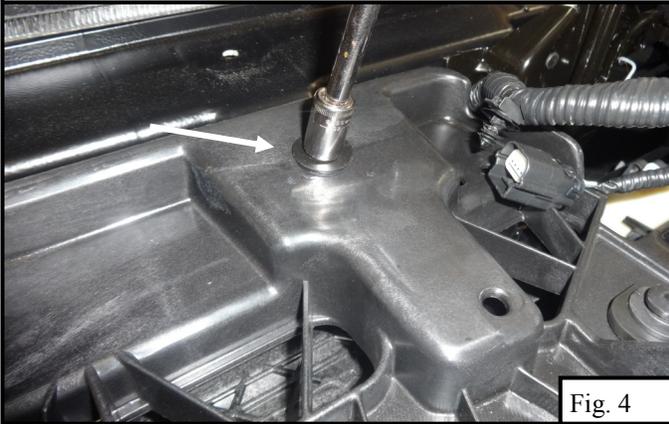
- A. **For vehicles with factory tow hooks:** Remove the factory tow hook and place the driver lower mounting bracket up against the vehicle's frame channel making sure to align the two holes of the bracket with those of the channel. Place the tow hook beneath the bracket and loosely secure the lower mounting bracket and tow hook to the vehicles frame using the factory bolts and factory nut plate. Refer to **Figure 2.**
- B. **For vehicles with no tow hooks:** Slip the supplied u-bolt into the frame channel through the existing holes. Making sure to align the holes of the bracket with the studs of the u-bolt, loosely install the lower mounting bracket. Refer to **Figure 3.**



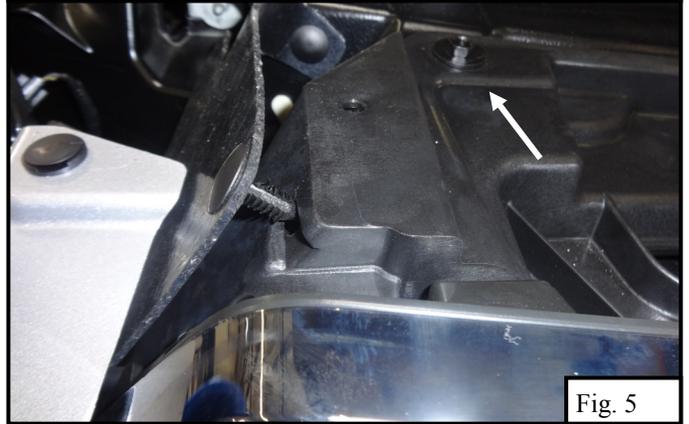
Westin Automotive Products, Inc.  
320 W. Covina Blvd  
San Dimas, Ca. 91773

4. Remove all factory hardware and clips in order to remove the grille. See **Figures 4-10**.

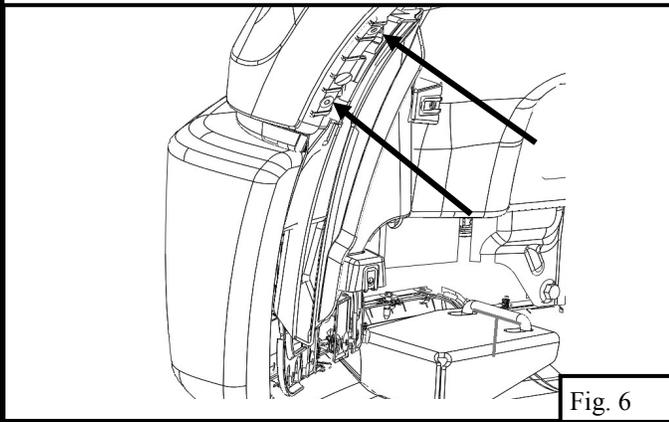
Remove bolt on top of the grille located underneath hood.  
(Driver side shown)



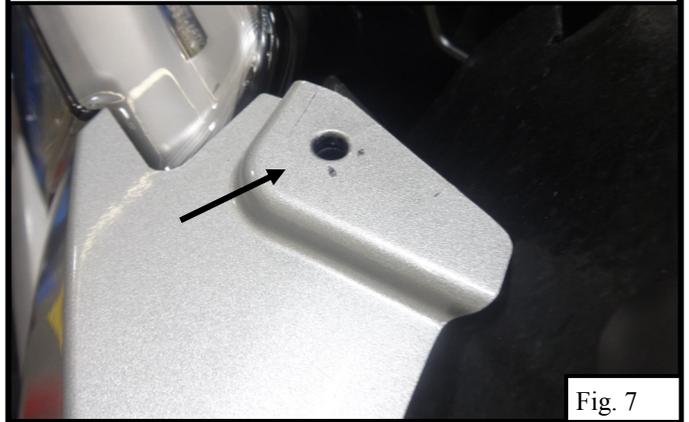
Remove bolt on top of grille, located underneath the hood.  
(Passenger side shown)



Remove bolts located next to inner fender. Repeat for passenger side. (Driver side shown)



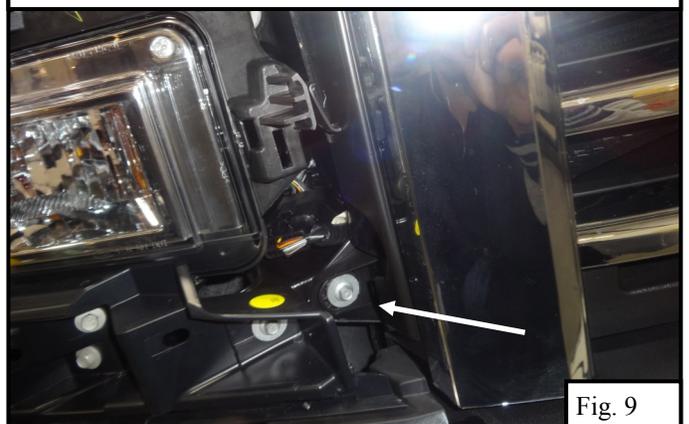
Remove bolt located on top of headlight cover. Repeat for passenger side. (Driver side shown)



Unclip headlight cover. (Driver side shown)



Remove bolt located under headlight cover.  
(Passenger side shown)



Westin Automotive Products, Inc.  
320 W. Covina Blvd  
San Dimas, Ca. 91773

Thank You for choosing Westin products  
For Additional installation assistance please call  
Customer service (800) 793-7846

Remove all three clips attached to the grille. Repeat for driver side. (Passenger side, behind the grille shown)

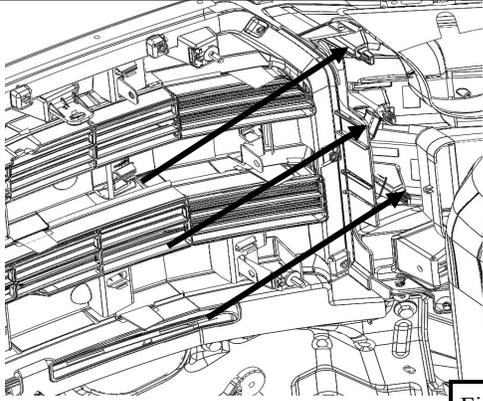
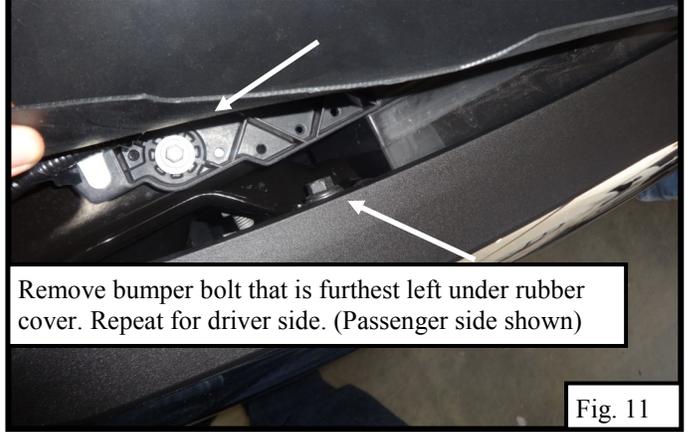


Fig. 10

Removal of intercooler bolt and prying intercooler back may be necessary to fit supplied M8 bolt.



Remove bumper bolt that is furthest left under rubber cover. Repeat for driver side. (Passenger side shown)

Fig. 11

5. Remove the factory bumper bolt see **Figures 11 & 12**. Loosely secure one end of the upper support strap to the vehicle, using the supplied M8 hardware, to the location of the removed factory bolt. Tighten and torque to 15 ft-lbs. See **Figure 13**. (**Note:** Removal of intercooler bolt and prying of intercooler may be required to fit the M8 hardware.)
6. Repeat **Steps 3 & 5** for passenger side.
7. Reinstall the grille and headlight covers in the reverse order in which they were removed.
8. With assistance, hold the bull bar up in position on the inside of the lower mounting brackets. Loosely attach the bull bar to the brackets using (4) M10 button head cap screws, (8) M10 flat washers, (4) M10 split lock washers, and (4) M10 hex nuts. Refer to **Figure 14** for a picture showing the hardware assembly.
9. Loosely attach the other end of the upper support straps to the bull bar using (2) M10 button head cap screws, (2) M10 split lock washers, and (2) M10 flat washers. (**FIG 15**)
10. Align and adjust the bull bar as necessary. Tighten and torque M10 hardware to 25 ft-lbs and 3/8 hardware to 30 ft-lbs.

Remove the two stock bumper bolts located as shown below.

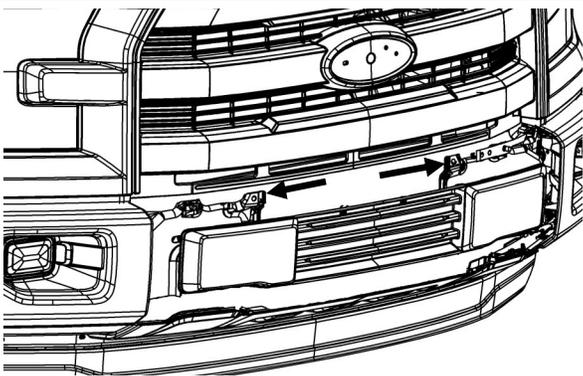


Fig. 12

Upper Support Strap mounted on vehicle  
(Driver side shown)

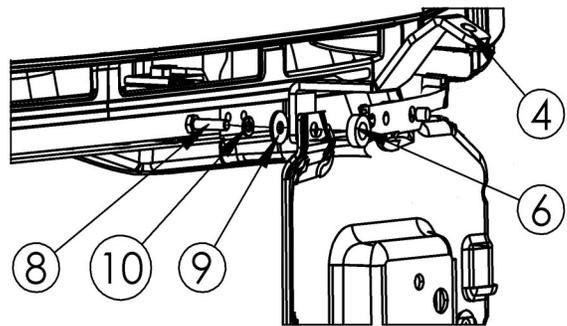


Fig. 13



Westin Automotive Products, Inc.  
320 W. Covina Blvd  
San Dimas, Ca. 91773

Bull bar hardware assembly (Non-tow hook model shown)

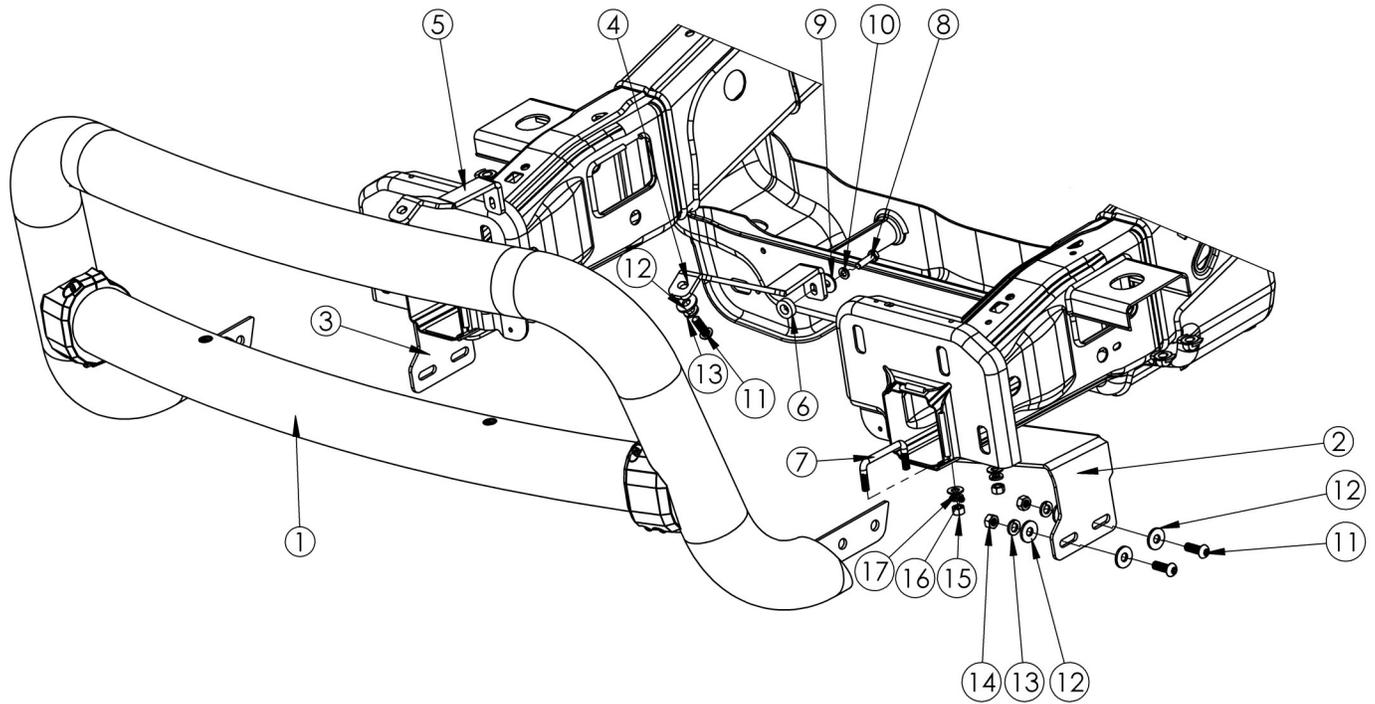


Fig. 14

Upper support strap to bull bar hardware assembly

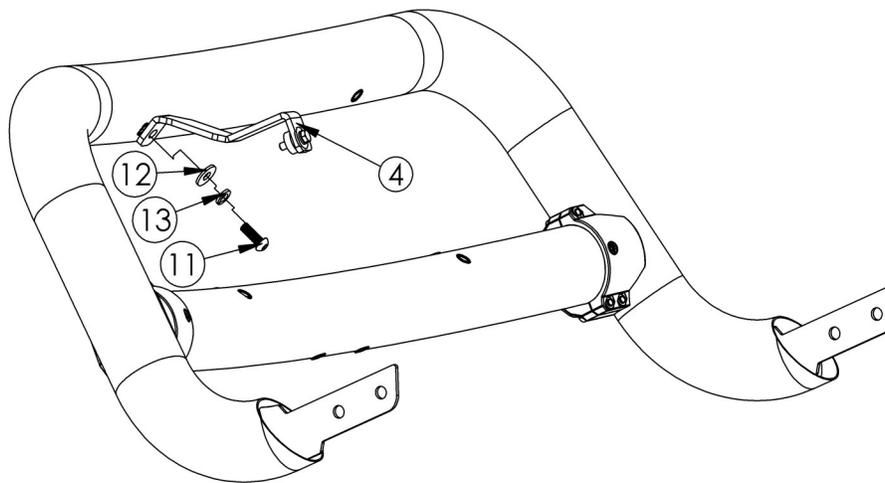


Fig. 15



Westin Automotive Products, Inc.  
320 W. Covina Blvd  
San Dimas, Ca. 91773

Thank You for choosing Westin products  
For Additional installation assistance please call  
Customer service (800) 793-7846

INSTALLATION COMPLETE



Shown with optional 30" LED  
Light Bar

#### CARE INSTRUCTIONS

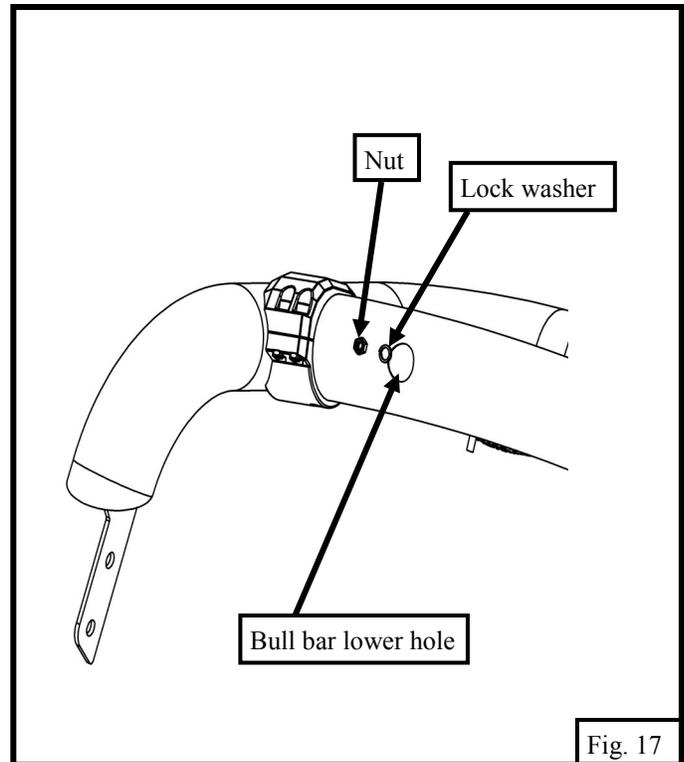
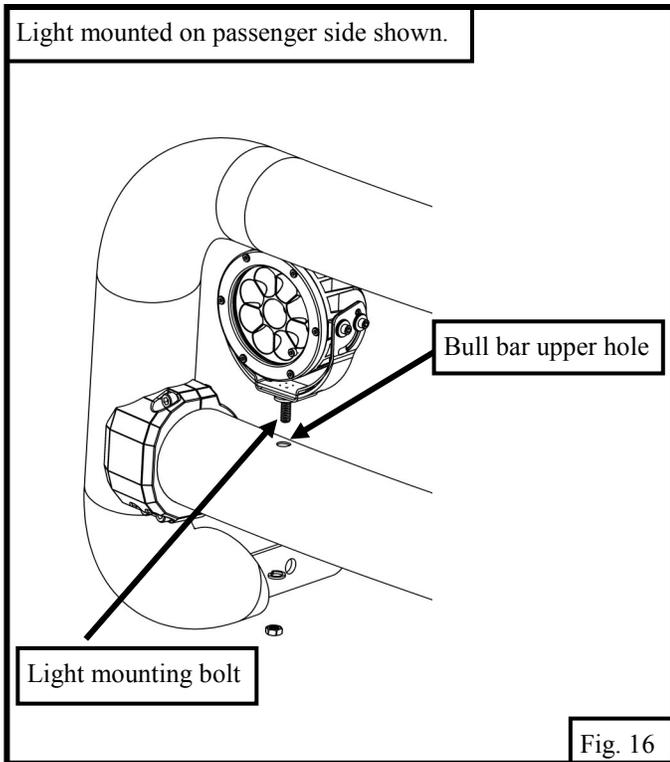
- REGULAR WAXING IS RECOMMENDED. DO NOT USE ANY TYPE OF POLISH OR WAX THAT MAY CONTAIN ABRASIVES.
- STAINLESS STEEL PRODUCTS CAN BE CLEANED WITH MILD SOAP AND WATER. STAINLESS STEEL POLISH SHOULD BE USED TO POLISH SMALL SCRATCHES.
- GLOSS BLACK FINISHES SHOULD BE CLEANED WITH MILD SOAP AND WATER.



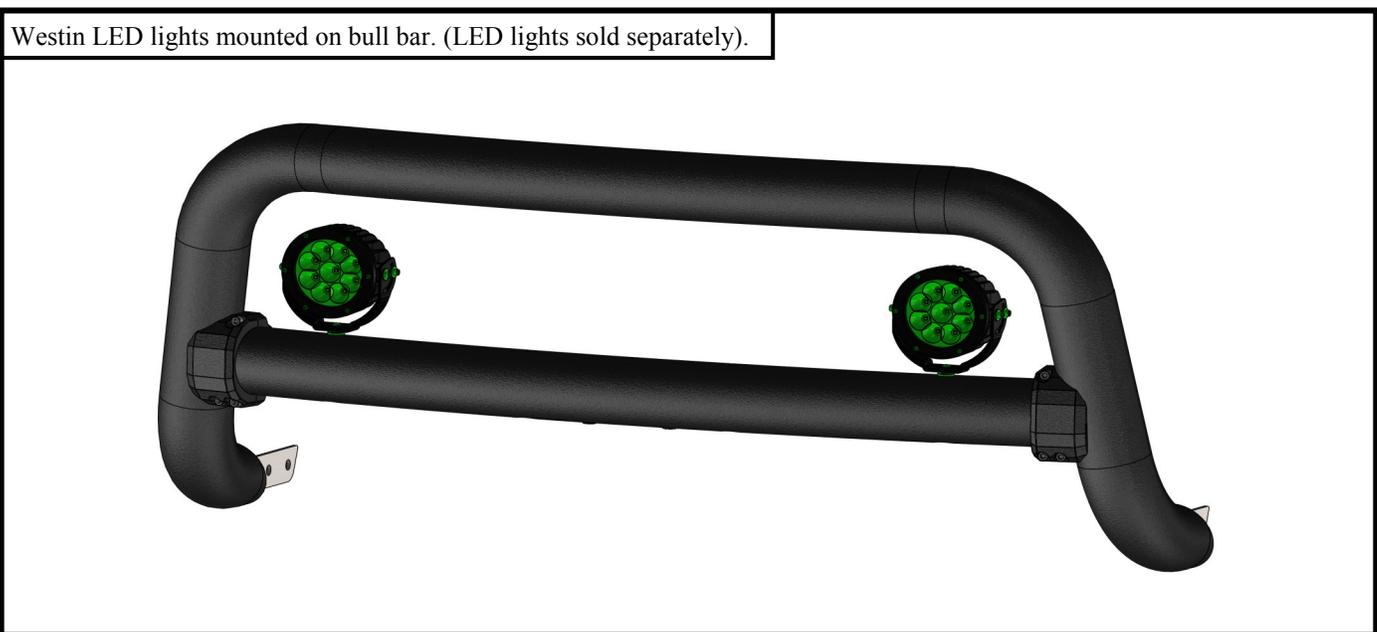
Westin Automotive Products, Inc.  
320 W. Covina Blvd  
San Dimas, Ca. 91773

Thank You for choosing Westin products  
For Additional installation assistance please call  
Customer service (800) 793-7846

## LIGHT MOUNTING INSTRUCTIONS (lights sold separately)



1. In order to mount the post style lights onto the bull bar start by aligning and inserting the mounting bolt of the light onto one of the upper holes in the bull bar. See **Figure 16** for a picture showing this step.
2. From underneath the bull bar, insert the lock washer and nut through the hole as shown in **Figure 17**. **NOTE:** A deep well socket will need to be used in order to fasten the nut to the bolt up through the bull bar. To prevent the washer from falling off while inserting it up through the bolt, use a small piece of tape to tape it to the nut. The tape will shear off once sufficient torque is applied to the nut. Torque the hardware to the specified recommendations.
3. Repeat steps 1 and 2 for the installation of any additional lights.



Westin Automotive Products, Inc.  
320 W. Covina Blvd  
San Dimas, Ca. 91773

Thank You for choosing Westin products  
For Additional installation assistance please call  
Customer service (800) 793-7846