



Installation Instructions

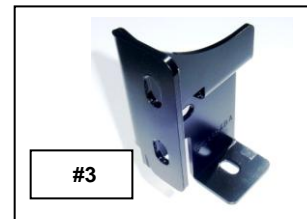
Wrangler Grille Guard Part #13371B

2011- 2016 Ford F-250, F-350 & F-450 Super Duty

Do not attempt to install this product on any vehicle other than the one listed above!

Parts List

Item	Qty.	Part #	Description	Torque
1	1	573394AA	Driver Side Upper Bracket	
2	1	573394AA	Passenger Side Upper Bracket	
3	1	573390BA	Driver Side Lower Bracket	
4	1	573390BA	Passenger Side Lower Bracket	
5	1	573394CA	Driver Side Extension Bracket	
6	1	573394CA	Passenger Side Extension Bracket	
7	12		1/2" x 1 1/2" Hex Bolt	65 ft. lbs.
8	4		1/2" x 2" Hex Bolt	65 ft. lbs.
9	16		1/2" Lock Washer	
10	22		1/2" Flat Washer	
11	16		1/2" Hex Nut	65 ft. lbs.



Tool Required:

15mm, 18mm & 3/4" Socket
 3/4" Wrench
 Ratchet & Ratchet Extension
 Utility Knife
 Tape Rule

Approximate installation time: 60 min

IMPORTANT INSTALLATION NOTES AND SUGGESTIONS

Cutting of the bumper valance is necessary to complete installation.

To maintain and care this product keep it clean and do not use abrasive cleaners or polish waxes.

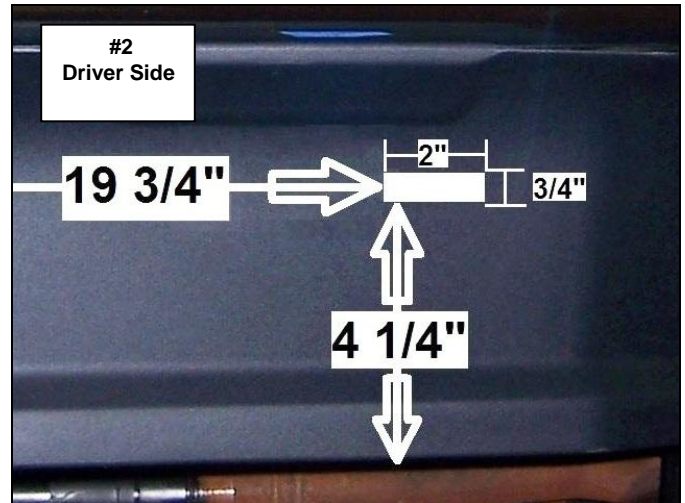
Texture Painted Finish: Mild liquid detergent may be used. **Polished Stainless & Semi-Gloss**

Painted Finishes: We recommend using only non-abrasive automotive wax such as pure carnauba to avoid scratches and rust.

Read the installation instructions completely and verify that all of the parts listed are accounted for. If you have defective, missing or damaged parts or need assistance, please contact Go Rhino Products for fast, friendly customer service at: (888) 427-4466 or email: sales@gorrhino.com

Installation Instructions

Step-1 An opening must be cut out in the bumper valance for each of the lower extension brackets to extend through. Measure outward from the center of the bumper valance $19\frac{3}{4}$ " and mark a vertical line. Measure up from the bottom of the valance $4\frac{1}{4}$ " and mark a horizontal line. **Picture #1** Measure from the corner where the two lines intersect, and cut out a 2" wide x $\frac{3}{4}$ " tall opening in the valance. **Picture #2** Repeat this step to cut an opening in the passenger side of the bumper valance.

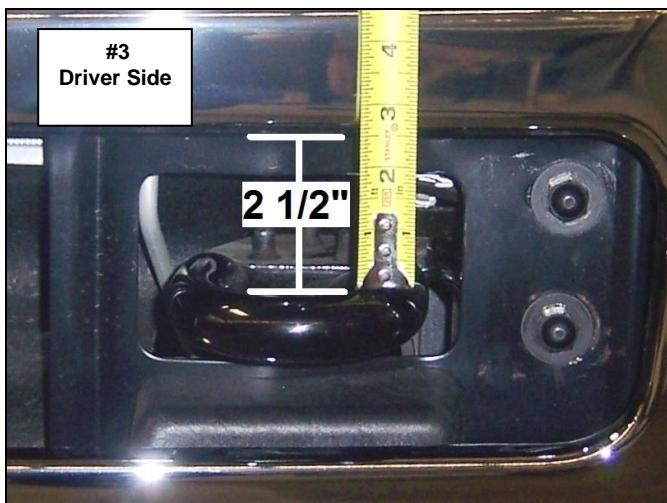


Step-2 Measure the gap between the bumper opening and the top of the tow hook (the gap should measure approximately $2\frac{1}{2}$ ") on both sides of the vehicle. **Picture #3** Record these measurements as the installation requires removal of the bumper bolts and you will need to reference the measurements to properly readjust the bumper height to its original position.

Step-3 Remove the (2) factory bumper bolts and nut plate securing the bumper to the vehicle. **Picture #4**

NOTE: The bumper bolts are held in place by metal retaining clips that must be removed to completely remove the bumper bolts.

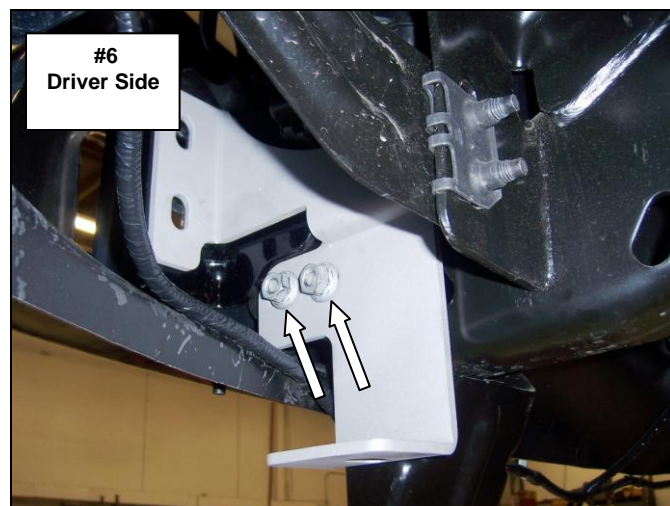
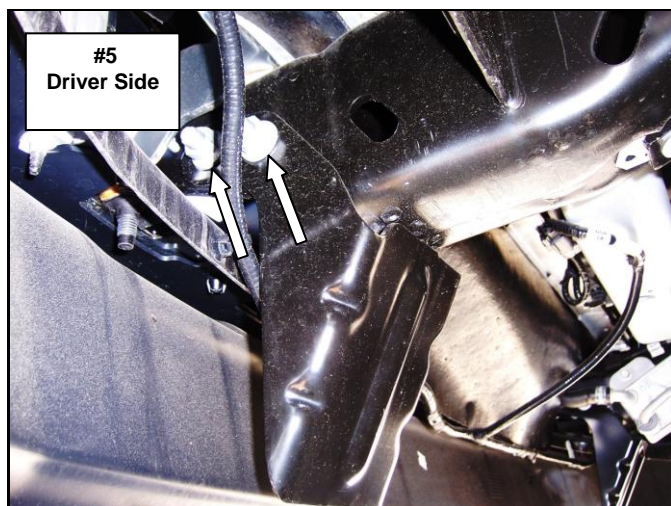
WARNING! Do not remove the driver and passenger side bumper bolts at the same time or the bumper may fall.



Step-4 From the underside of the bumper, locate and remove the (2) factory hex nuts securing the under rider bracket to the outside of the frame. **Picture #5**

Step-5 Position the driver side lower bracket behind the bumper, align the mounting bolt holes in the lower bracket with the under rider bracket holes and secure the lower bracket to the frame using the factory double bolt plate and hex nuts. **Picture #6** Leave the nuts and bolt plate loose for final adjustment.

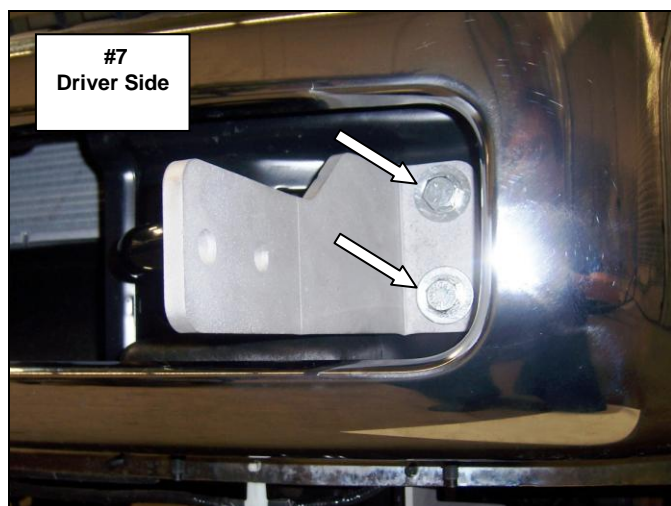
NOTE: The bumper valance was removed from the vehicle for photo purposes.



Step-6 Position the driver side upper bracket on the bumper, align the mounting bolt holes in the upper bracket with the bumper holes and secure the upper bracket to the vehicle and to the lower bracket using (2) 1/2" x 2" hex bolts, (2) 1/2" flat washers, (2) 1/2" lock washers and (2) 1/2" hex nuts. **Picture #7** Check the bumper alignment and temporarily tighten these nuts and bolts at this time.

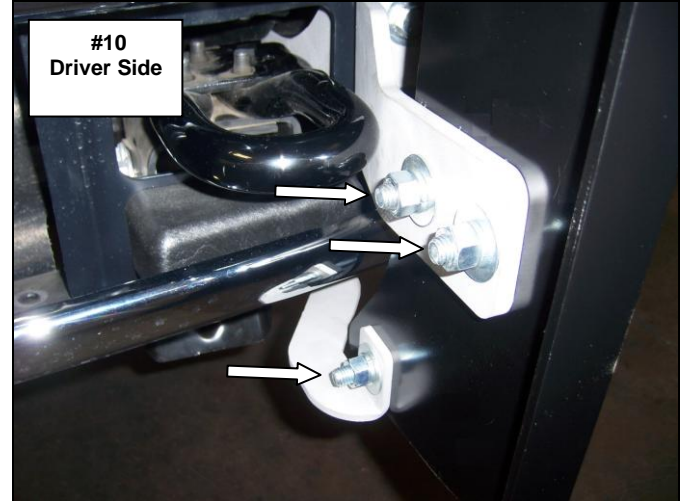
NOTE: It may be necessary to loosen the bolts and readjust the bumper once the grille guard has been installed.

Step-7 Position the driver side lower extension bracket through the opening cut out in the bumper valance and secure the extension bracket to the lower bracket using (1) 1/2" x 1 1/2" hex bolt, (2) 1/2" flat washers, (1) 1/2" lock washers and (1) 1/2" hex nut. **Picture #8** Leave the nut and bolt loose for final adjustment.



Step- 8 Repeat the above steps to install the passenger side upper and lower brackets. **Picture #9**

Step -9 With assistance, position the grille guard up and to the outside of the upper and lower brackets and attach the grille guard to the brackets using the ½" x 1 1/2" hex bolts, ½" flat washers, ½" lock washers and ½" hex nuts supplied.



Step -10 Level and adjust the grille guard and bumper, (if necessary), and tighten all nuts and bolts at this time.

Step-11 Remember to check and retighten the nuts and bolts periodically.

