

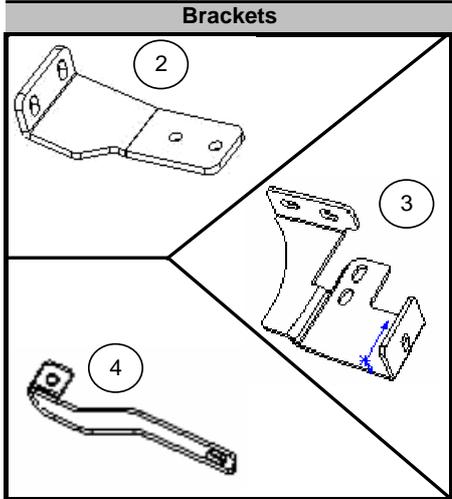
WRANGLER

13371

INSTALLATION INSTRUCTIONS

FORD SUPERDUTY F-250, F-350, F-450 2011-'12

Parts List					Required Tools (Not included)	
Item	Qty.	Code	Description	Max.Torque	Qty.	Description
1	1		<u>Grille guard</u>		1	Utility knife
	1	BRK -57339	Brackets kit		1	3/4" Socket / wrench
2	1		Upper mounting brackets set		1	Tape rule
3	1		Lower brackets set		1	Ratchet / Ratchet extension
4	1		Extension bracket set		1	15mm, 18mm, & 3/4" socket
	1	KTE-57339	Hardware kit			
5	12		1/2 x 1 1/2" hex head bolt	65 Ft. Lbs.		
6	4		1/2 x 2" hex head bolt	65 Ft. Lbs.		
7	22		1/2" flat washer			
8	16		1/2" lock washer			
9	16		1/2" hex nut	65 Ft. Lbs.		



Instructions

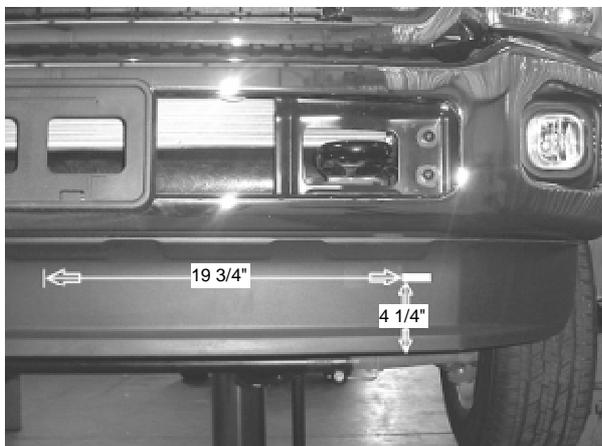
1. Before beginning the installation, please read all directions carefully and verify that all necessary hardware is accounted for. If any parts are missing, stop the installation and contact your distributor immediately.
2. To maintain and care this product keep it clean and do not use abrasive cleaners or polish waxes. We recommend to use only non-abrasive automotive wax such as pure carnauba to avoid scratches and rust.
3. The approximate installation time is 60 min.

NOTE: This installation requires cutting or removal of the air dam.

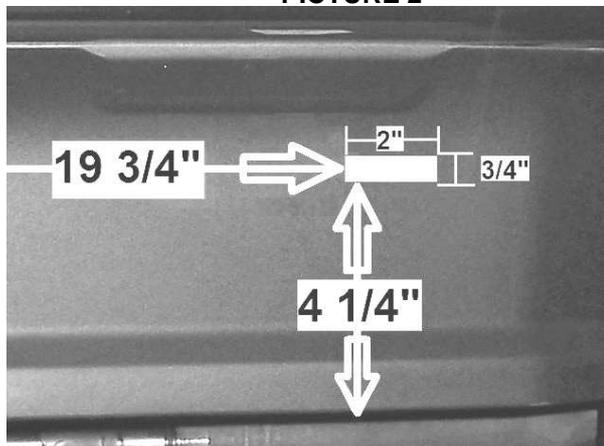
Step - 1 An opening must be cut out in the bumper valance for each of the lower extension brackets to extend through. Measure outward from the center of the bumper valance 19 3/4" and mark a vertical line. Measure up from the bottom of the valance 4 1/4" and mark a horizontal line. **Picture # 1**

Measure from the corner where the two lines intersect, and cut out a 2" wide x 3/4" tall opening in the valance. **Picture # 2.**

PICTURE 1



PICTURE 2



Step - 2 Measure the gap between the bumper opening and the top of the tow hook (the gap should measure approximately 2 1/2") on both sides of the vehicle. **Picture # 3.**

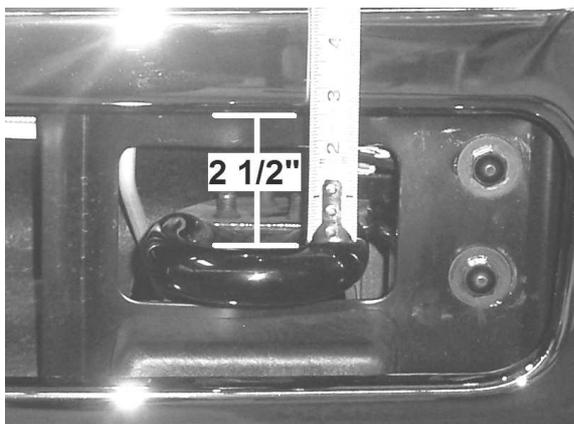
Record these measurements as the installation requires removal of the bumper bolts and you will need to reference the measurements to properly readjust the bumper height to its original position.

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.

PICTURE 3



PICTURE 4

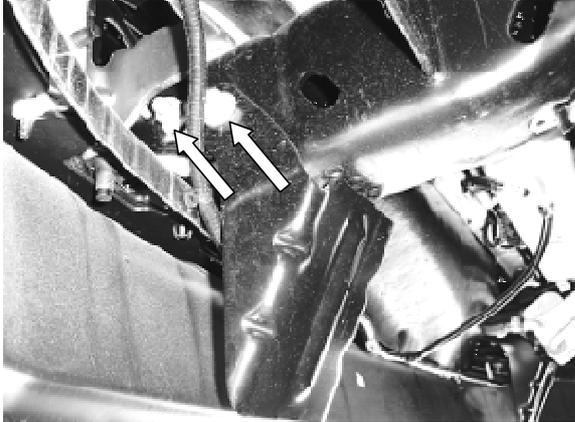


Step - 4 From the underside of the bumper, locate and remove the (2) factory hex nuts securing the under rider bracket to the outside of the frame. **Picture # 5.**

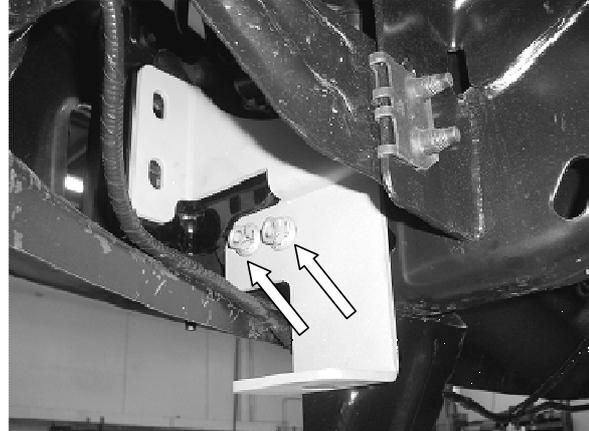
Step - 5 Position the driver side lower bracket behind the bumper, align the mounting bolt holes in the lower bracket with the under rider bracket holes and secure the lower bracket to the frame using the factory double bolt plate and hex nuts. **Picture # 6.** Leave the nuts and bolt plate loose for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

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

PICTURE 5



PICTURE 6

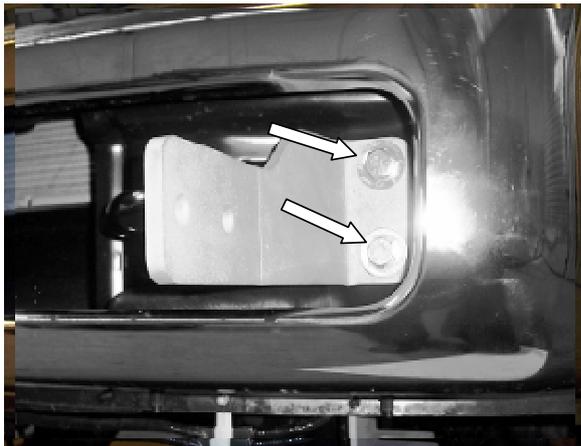


Step - 6 Position the driver side upper bracket on the bumper, align the mounting bolt holes in the upper bracket with the bumper holes and secure the upper bracket to the vehicle and to the lower bracket using (2) 1/2 x 2" hex bolts, (2) 1/2" flat washers, (2) 1/2 lock washers and (2) 1/2" hex nuts. **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 washer, (1) 1/2" lock washers and (1) 1/2" hex nut. **Picture # 8.** Leave the nut and bolt loose for final adjustment.

PICTURE 7



PICTURE 8



Step - 8 Repeat the above steps to install the passenger side upper and lower bracket. **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 1/2 x 1 1/2" hex bolts, 1/2" flat washers, 1/2" lock washers and 1/2" hex nuts supplied.

PICTURE 9



PICTURE 10



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

Remember to check and retighten the nuts and bolts periodically.

