

Big Tex Grille Guard

Installation Instructions

77639 / 77639B

Ford F-150 '09 - '14

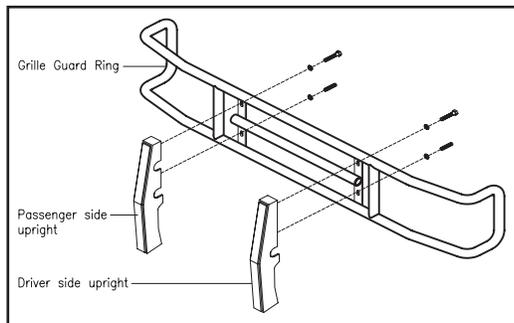


Diagram 1

Parts List:

1 - Grille Guard Ring	4 - 1/2" x 2" Bolts
1 - Driver Side Upright	12 - 1/2" x 1 1/2" Bolts
1 - Passenger Side Upright	16 - 1/2" Flat Washers
1 - Driver Side Bracket #77639-7	16 - 1/2" Lock Washers
1 - Pass. Side Bracket #77639-8	
2 - Nut Plates #46639-9	*May include extra hardware.

Note: Completely read instructions before beginning installation!

1. Remove the contents from the box and check for missing pieces or damage. If parts are missing or damaged, contact the original place of purchase.
2. If vehicle comes equipped with factory tow hooks. The factory tow hooks will have to be removed. The tow hooks will not be reused. The brackets are equipped with holes to be used as the tow hooks.
3. If the vehicle does not come equipped with tow hooks the air dam will have to be cut. Using **Diagram 2** and **Diagram 3**, measure 4 1/2" from the outside crease towards the middle of the vehicle and mark the down spoiler at that point. From there, measure 3 1/2" towards the middle of the vehicle once again and mark the spoiler at the point. Cut out the 3 1/2" box in the down spoiler as shown in **Diagram 3**. Repeat the above procedure for the passenger side of the vehicle.
4. Insert (1) nut plate #77639-9 into the frame and line up the 2 holes on the bottom of the frame with the holes on the nut plate. Using **Diagram 4**, place the driver side bracket #77639-7 up to the bottom of the vehicle frame. Place (1) 1/2" lock washer and (1) 1/2" flat washer on to each of the 1/2" x 2" bolts. Insert the bolts with washers through the driver side bracket #77639-7, through the frame and thread into the nut plate #77639-9. Hand tighten all bolts at this time. Repeat above procedure to install the passenger bracket #77639-8.
5. Place (1) 1/2" lock washer then (1) 1/2" flat washer on to each of the (8) 1/2" x 1 1/2" bolts. Using the (8) bolts with washers attach the uprights to the brackets. The bolts will pass through the upright and thread into the brackets as shown in **Diagram 5**. Hand tighten all bolts at this time.
6. **Using Diagram 1** as reference, gently lower the ring down into the uprights. Each upright will get (2) - 1/2" x 1 1/2" bolts, (2) - 1/2" flat washers and (2) 1/2" lock washers that will go through the vertical plate on grille guard ring into upright. Hand tighten all bolts at this time.
7. Center the grille guard on the vehicle. Tighten all bolts at this time insuring the grille guard remains centered on vehicle.

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View of Bumper on Vehicle Without Tow hooks

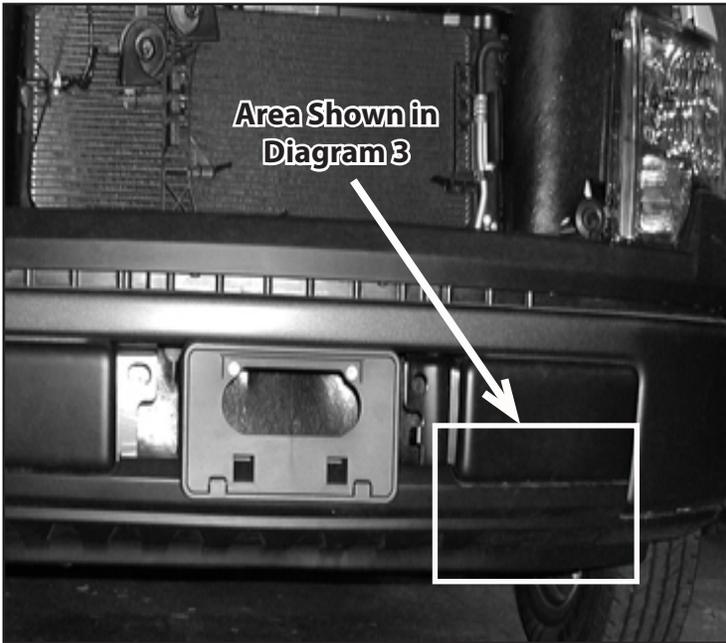


Diagram 2

Driver Side of Vehicle

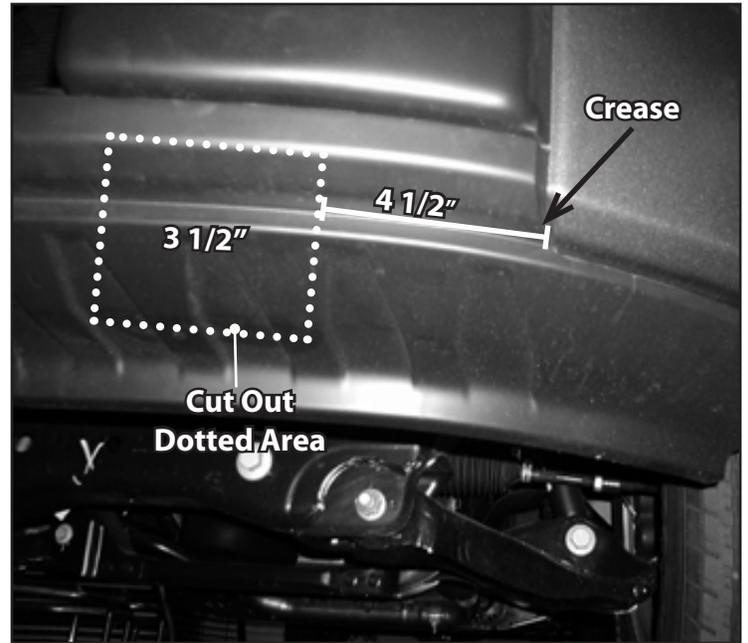


Diagram 3

Underside View of Driver Bracket #77639-7

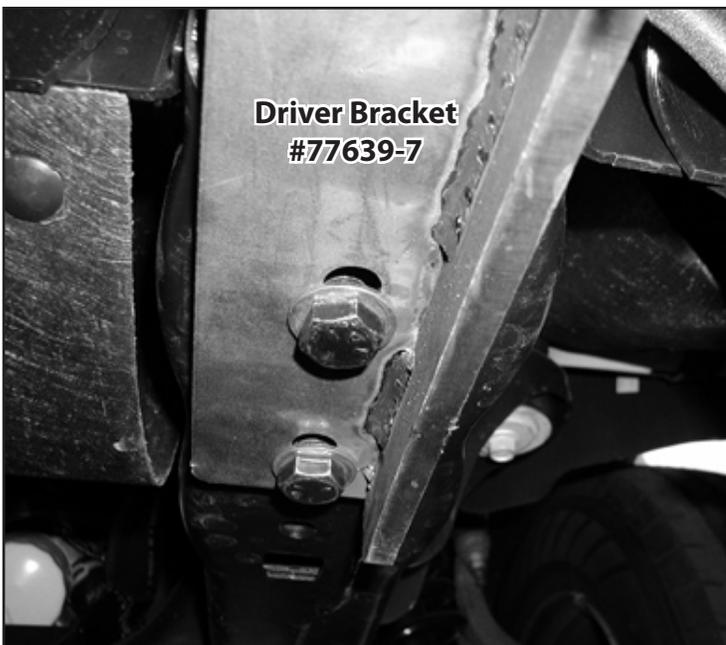


Diagram 4

View of Driver Side Bracket #77639-7 and Upright



Diagram 5