

Rancher Grille Guard

Installation Instructions

44639 / 45639 / 46639

Ford F-150 '09 - '14

Ecoboost applications will require an additional part, #46639ECO, that must be ordered separately for license plate relocation. **Will not fit Lariat Limited**

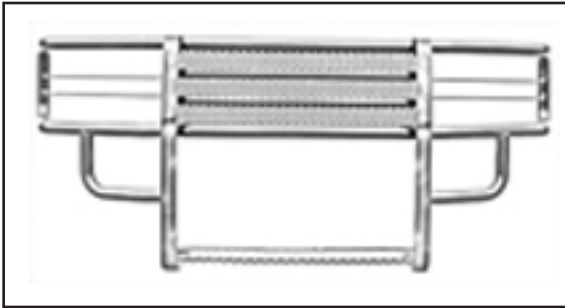


Diagram 1

Parts List:

1 - Grille Guard	8- 1/2"-13 x 1 1/2" Bolts
1- Driver Bracket #46639-7	8- 1/2"-13 Nuts
1- Pass. Bracket #46639-8	20- 1/2" Flat Washers
2 - Nut Plate #46639-9	12-1/2" Lock Washers
4- 1/2"-13 x 2" Bolts	

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, as 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 lower air dam will have to be cut. Using Diagram 3 and Diagram 4, 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 4. Repeat the above procedure for the passenger side of the vehicle.

View of Bumper on Vehicle

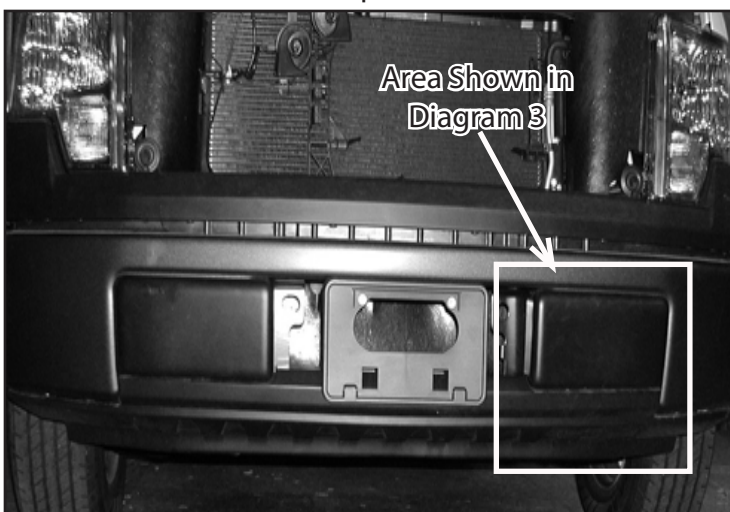


Diagram 3

Driver Side of Vehicle

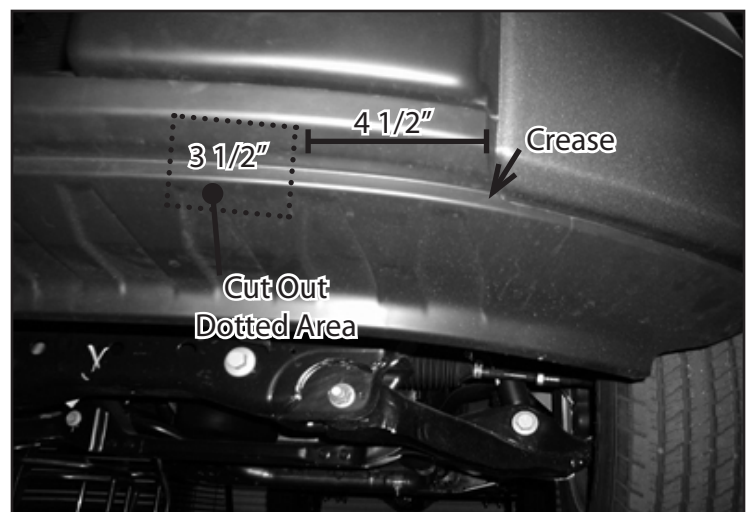


Diagram 4

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4. Insert (1) nut plate #46639-9 into the frame and line up the holes on the bottom of the frame with the holes on the nut plate. Using Diagram 5, place the driver bracket #46639-7 onto the bottom of the vehicle frame. Take (1) 1/2" x 2" bolt with (1) 1/2" flat washer, and put through the driver bracket #46639-7 and nut plate #46639-9. Hand tighten all bolts at this time. Repeat above procedure to install the passenger bracket #46639-8.
5. Using two people, align the Grille Guard holes to the brackets attached to the frame. Attach the Grille Guard to the brackets using (1) 1/2" x 2" hex head bolt, (2) 1/2" flat washers, (1) 1/2" lock washer and (1) 1/2" nut per hole in upright as shown in Diagram 6. Hand tighten all bolts at this time.
6. Gently close hood and check for grill clearance with the Grille Guard. If the grille hit the grille guard, loosen the (4) bolts attaching the brackets to the frame and pull the guard forward. Retighten bolts and check clearance again.
7. Center the Grille Guard on the vehicle. Tighten all bolts at this time insuring the Grille Guard remains centered on vehicle.

View of Driver Bracket #46639-7



Diagram 5

View of Bracket to Upright



Diagram 6