



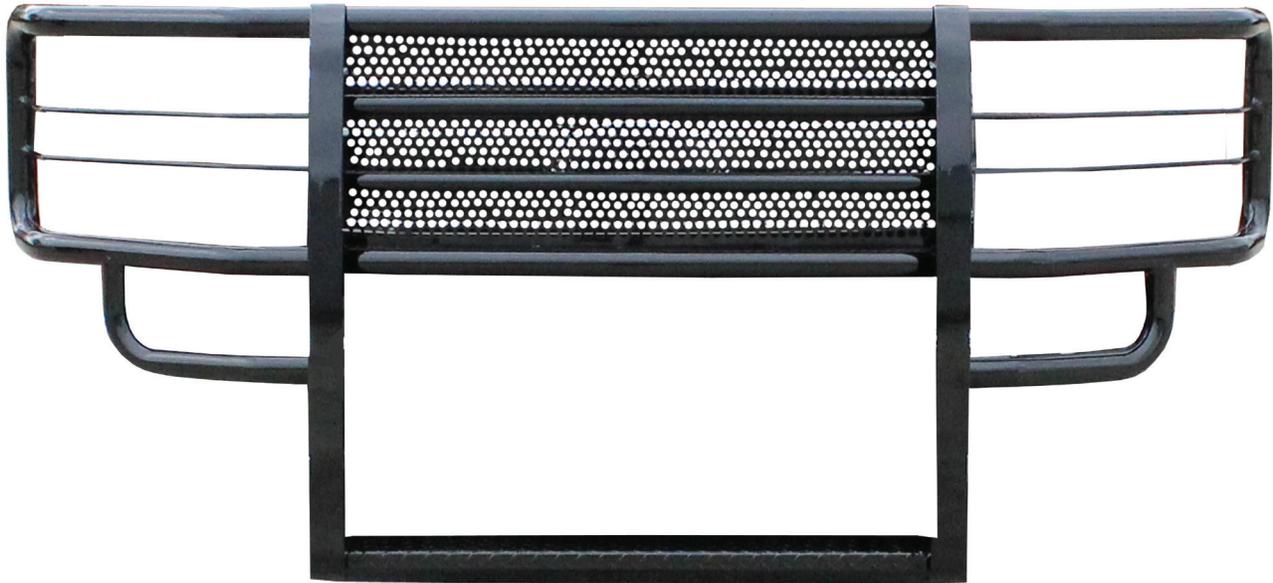
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# Rancher Grille Guard

Installation Instructions

**44656 / 46656**

Ford F-150 2018



**Some models without tow hooks, will require the plastic tow hook pocket to be trimmed for bracket clearance.**

**Note: Completely read instructions before beginning installation!**

### Materials Needed for Installation:

#### Parts List:

- (1) - Rancher Grille Guard
- (1) - Driver Side Upper Bracket #46656-5
- (1) - Pass. Side Upper Bracket #46656-6
- (1) - Driver Side Lower Bracket #46650-7
- (1) - Pass. Side Lower Bracket #46650-8
- (2) - 46639-9 Nut Plate
- (1) - 46663KIT Hardware Kit
- (1) - 46650KIT Hardware Kit



### Hardware Kit Contents:

#### 46663KIT

- (8) 1/2" x 1 1/2" Hex Bolt Gr.5 Black Zinc
- (16) 1/2" Flat Washer Black Zinc
- (8) 1/2" Lock Washer Black Zinc
- (8) 1/2" Hex Nut Black Zinc

#### 46650KIT

- (4) 1/2" x 1 1/2" Hex Bolt Gr.5 Black Zinc
- (4) 1/2" Flat Washer Black Zinc
- (4) 1/2" Lock Washer Black Zinc

## Rancher Grille Guard

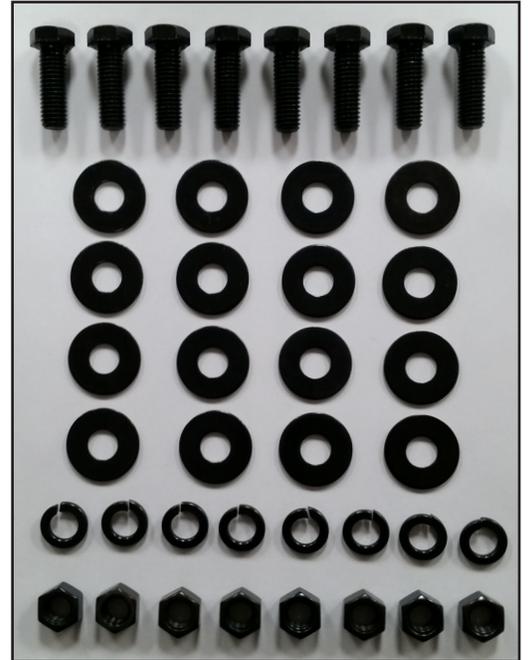
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**46656-5 (DRIVER Upper) & 46656-6 (PASSENGER Upper)  
Mounting Brackets**



**46663KIT**



**46650-7 (DRIVER Lower) & 46650-8 (PASSENGER Lower)  
Mounting Brackets**



**46737AKIT**



**46639-9 Nut Plates**



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Ford F-150 2018

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. Two people are strongly recommended for this install.
2. Remove the factory tow hooks from both frame rails if equipped. The tow hooks will not be reused as the new brackets are equipped with holes to be used as recovery points.
3. There is a three piece, plastic trim panel in the middle of the bumper. The two outer panels will need to be removed before the center section of the trim panel so that you may gain access to the upper bumper mounting nuts. These panels are held in using multiple spring steel clips that may be squeezed during removal if accessible, or they may become separated from the panels and would need to be re-installed to the panels before they are secured to the vehicle. Unplug the fog lamps, if equipped, then remove the rear bumper nuts from the backside of the bumper underneath the truck. From the front side of the bumper, remove the two bumper nuts on each side and remove the bumper.
4. Place the 46639-9 nut plates in each of the frame rails and line up the 2 holes on the bottom of the frame with the holes on the nut plate. It is recommended to use tape to hold the nut plate in place because access will be limited later. Do not install the lower brackets at this time. Reinstall the factory upper bolt plates and hang the upper brackets #46656-5 (driver's) #46656-6 (passenger) on the mounting plate against the frame. Reinstall the front bumper, sandwiching the upper brackets between the frame and the bumper. Reinstall all six of the factory bumper nuts, but do not tighten at this time.
5. Install the lower brackets #46650-8 and #46650-9 to the frame where the tow hooks were removed.  
**(If your vehicle was equipped with tow hooks the brackets will slide in through the tow hook openings. If no openings are present, you will need to trim open the area where the tow hook openings would be using the indentions in the bottom edge of the front bumper as a guide.)**
6. Per side, using (2) 1/2" x 1 1/2" bolts, with a 1/2" lock washer and a 1/2" flat washer; thread the bolts into the previously installed nut plate. (Hint: install the rear bolts first)
7. Lift the bumper upwards on the truck to correctly gap the bumper to the front bodywork of the truck and tighten all of the bumper mounting nuts. Then, place (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 grille guard to the brackets with (8) 1/2" flat washers, (8) 1/2" lock washers and (8) 1/2"-13 hex nuts. Hand tighten all bolts at this time.
8. While centering the grille guard on the vehicle, tighten the lower bracket to frame bolts and all of the grille guard mounting bolts.
9. Finally, torque all 1/2" fasteners to appropriate levels (approximately 75 ft lbs.)

**Note: Re-check all hardware for proper tightness upon completion and periodically inspect hardware and parts for signs of wear throughout the life of the product.**

## Rancher Grille Guard

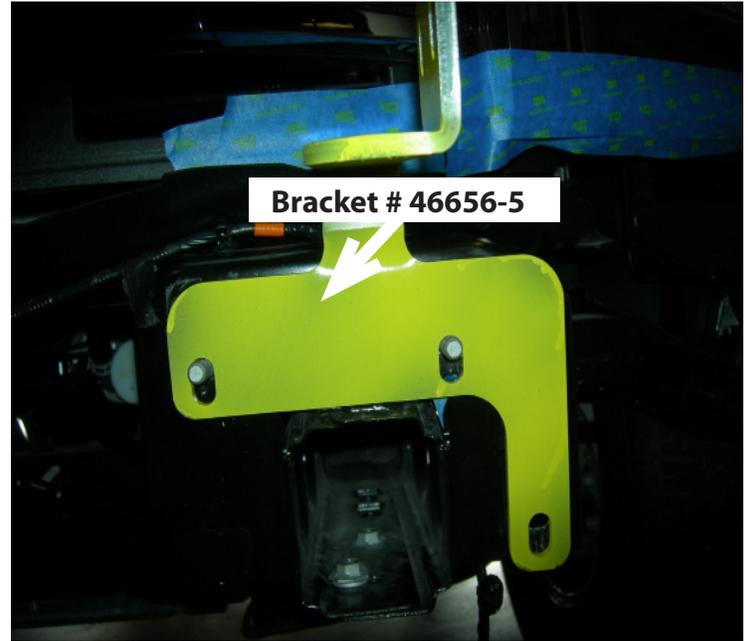
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Plastic filler panels removed



Bracket # 46656-5

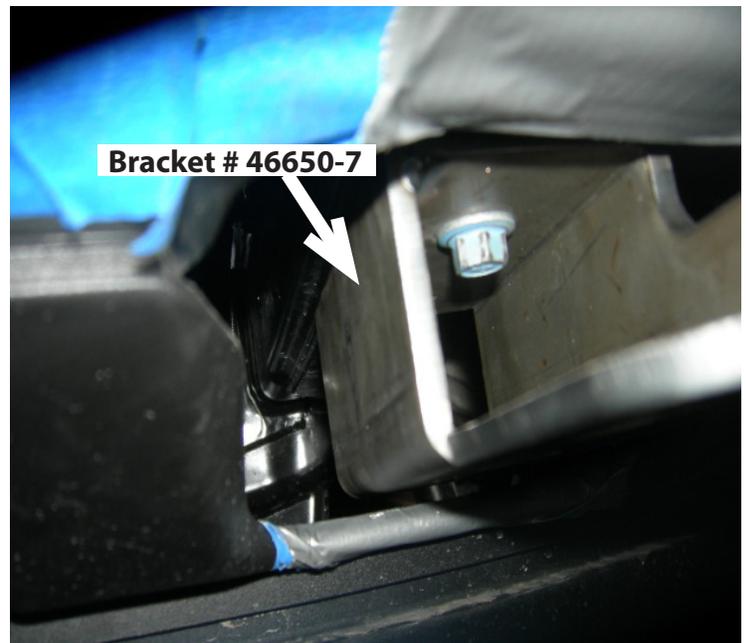
View of Bumper on Vehicle Without Plastic filler

Driver Side upper bracket # 46650-5



Bracket # 46650-7

Underside View of Driver Bracket #46650-7



Bracket # 46650-7

View of Driver Side Bracket #46650-7 with bumper