

Rancher Grille Guard

Installation Instructions

44746 / 46746

Chevy Silverado 1500
 2016 - 2017

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

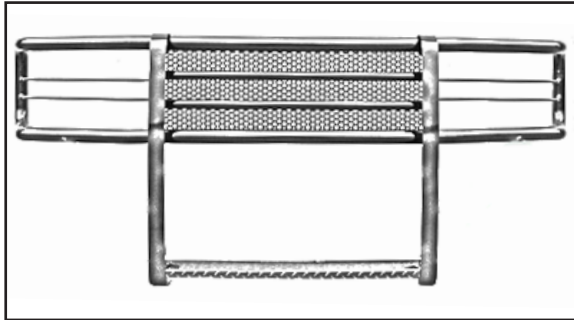


Diagram 1

Parts List:

- | | |
|----------------------------------|-------------------------------------|
| 1 - Rancher Grille Guard | 24 - 1/2" Flat Washers |
| 1 - Driver Side Bracket #46746-7 | 14 - 1/2" Lock Washers |
| 1 - Pass. Side Bracket #46746-8 | 10 - 1/2" Nuts |
| 2 - Nut Plates #77736-9 | |
| 2 - 1/2" x 5 1/2" Bolts | |
| 2 - M12-1.75 x 50mm bolts | *May include extra hardware. |
| 16 - 1/2" x 1 1/2" 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. The two factory bolts attaching each tow hook to the frame will need to be removed. The long front driver side bolt will need the head cut off to be able to slide it out of the frame toward the outside. This can be done with a saw or cutoff wheel. The front passenger side long bolt will not need to be cut, as there is enough room to slide it out. If cutting the bolt is not an option the bumper will need to be temporarily removed. Step # 4 describes the bumper removal process below.
3. If the vehicle does not have tow hooks, the lower plastic panel will need to be trimmed and/or removed to create access for the brackets to attach to the frame. Refer to **Diagram 3** for the area to be trimmed. On some models there are removable tow hook cup panels in front of the frame that can be removed instead of being cut, but will require the bumper to be temporarily removed, which is described in step #4.
4. This step is for the removal of the front bumper, which is an alternative way to gain access to bolts and panels needed for the install. Gently unclip and remove (1) screw from each side of the plastic lower fender trim that goes over the under-headlight plastic panel ends. Gently pull on the fender trim to release the (2) clips on each side. The clips should stay in the trim, if not the clip will need to be prying out of the fender and reconnected to the trim. Remove the two screws in both the inner fenders holding the under-light plastic trim panel on. Open the hood and remove the clips holding the top plastic panel on above the radiator. Gently pull the under-headlight panel outward, you may hear some pops from the clips releasing, the panel needs to be removed and set aside. Next remove the small bolts holding the lower portion of the grille on, these will be behind where the under-headlight trim panel was. After the small bolts are removed gently pull the grill outward, there may be some pops from the clips releasing. From under the vehicle, there will be a tubular looking side brace under both sides of the bumper, remove the bolts holding the brace to the bumper and then the outer bolt holding the brace to the frame. The brace should be able to be pivoted to clear the bumper. Unplug any lights or wiring attaching the bumper to the truck. There will be (4) large silver bolts that hold the bumper to the frame, all (4) can be accessed through the top side of the bumper through where the grille was. The plastic tow hook pockets that are removable will require the bumper to be further disassembled to remove them. Reinstall the bumper when finished with removing the tow hook bolt and/or the tow hook plastic pocket.
5. The driver side will use bracket #46746-7 and the passenger side will use bracket #46746-8. Place the bracket through the tow hook or trimmed opening in the bumper. The brackets will slide through the opening and under the bottom of the frame cradling it. Place (1) 1/2" x 1 1/2" bolt into the nut welded on the bottom side of the bracket. Only tighten the bolt enough so it does not protrude from the inside face of the brackets. Align the holes on bracket with holes in frame.
6. The nut plate brackets #77736-9 will be placed inside the frame to aid in bolting the brackets to the frame. The driver side nut plate needs to be aligned with the two holes in the side of the frame and bracket that face the center of the truck. The passenger side nut plate needs to be aligned with the two holes in the side of the frame and bracket that will be facing the outside of the truck.

Re-check hardware periodically for proper tightness and re-tighten as necessary.

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7. Place (1) 1/2" lock washer and (1) 1/2" flat washer onto (4) 1/2" x 1 1/2" bolts. Thread each of the (4) bolts with washers through the side of the brackets and the frame and into the nut plates. Leave loose at this time. Place (1) flat washer each onto (2) 1/2" x 1 1/2" bolts and insert (1) bolt with washer into the outside hole on the driver side, going through the bracket and frame. Place (1) 1/2" flat washer, (1) 1/2" lock washer and (1) 1/2" nut onto the bolt from inside the frame. Insert (1) bolt with washer into the inside/center facing hole on the passenger side, going through the bracket and frame. Place (1) 1/2" flat washer, (1) 1/2" lock washer and (1) 1/2" nut onto the bolt from inside the frame. Tighten all (6) bracket side mounting bolts at this time
8. Use two people to hold the grille guard up to the mounting brackets. Align the four holes on each mounting bracket with the four holes on each upright. The uprights will be placed on the outside of the mounting brackets. Using (1) 1/2" x 1 1/2" bolt with (2) 1/2" flat washers, (1) 1/2" lock washers and (1) 1/2" nut attach the grille guard to the mounting brackets. If the vehicle does not come with tow hooks, use the same bolts in all (8) holes.
9. If tow hooks will be used, place the tow hook in the end of the bracket with the tow hook pointed down. Use (1) 1/2" x 5 1/2" bolt, (1) 1/2" flat washer with the head of bolt coming from the outside to the inside of the bracket. Place the tow hook in the position as show in **Diagram 4**. Replace the 1/2" x 1 1/2" bolts in the front lower bracket and grille guard hole for the passenger and driver side with (1) 1/2" x 5 1/2" bolts. The driver side inside rear will use the black M12 x 50 mm bolt to connect the bracket to the tow hook. The passenger side lower rear 1/2" x 1 1/2" bolt and washers will be replaced with the black M12 x 50 mm bolt by placing it through the grille guard and bracket, threading it into the tow hook. Hand tighten all bolts and nuts. Do not over tighten or use an impact on the 1/2" x 5 1/2" bolts, as it can damage the bracket. There will be a slight gap between one side of the tow hook and the bracket.
10. Tighten the bottom bolt on bracket until it is snug and there is no up or down movement with the grille guard and brackets. Do not over tighten the bottom bolt. Tighten all bolts attaching the grille guard to each bracket last.

View of Driver Side Tow Hook



Diagram 2

View of Driver Side Without Tow Hooks



Diagram 3

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Tow Hook Attached to Driver Side Bracket #46746-7

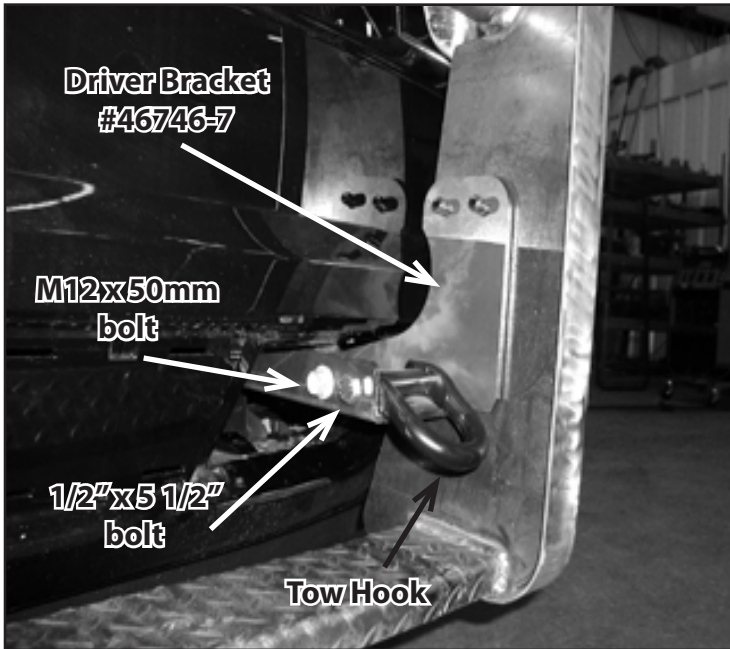


Diagram 4