



TEL: 1-866-XANATOS

INSTALLATION INSTRUCTIONS

3" BULL BAR

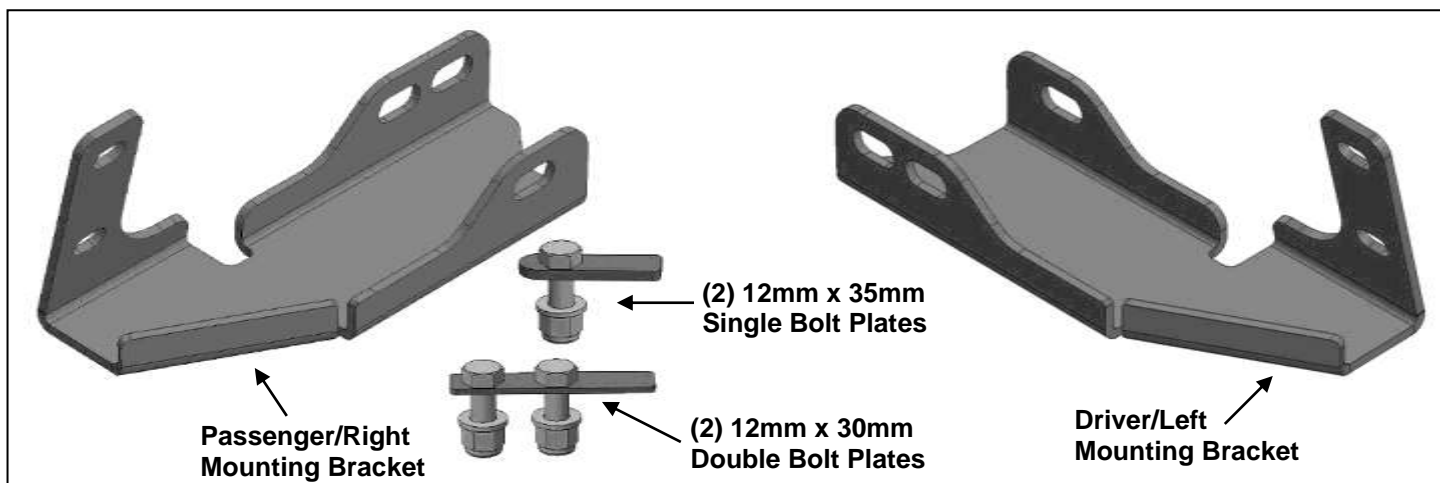
2019-21 CHEVY SILVERADO 1500

EXCL. 2019 SILVERADO 1500 LD & INCL. DIESEL MODELS W/

DEF PART#BB037415A-SP/BB037415-SP

PARTS LIST:

1	Bull Bar	6	12mm x 24mm OD x 2.5mm Flat Washers
1	Driver/Left Mounting Bracket	6	12-1.75mm Nylon Lock Nuts
1	Passenger/Right Mounting Bracket	4	10-1.50mm x 30mm Hex Bolts
2	12-1.75mm x 30mm Double Bolt Plates	8	10mm x 27mm OD x 3mm Flat Washers
2	12-1.75mm x 35mm Single Bolt Plates	4	10-1.50mm Nylon Lock Nuts

**PROCEDURE:**

REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY. CUTTING MAY BE REQUIRED. INSTALLATION MAY INTERFERE WITH FRONT MOUNTED SENSORS. NOTE: It may be necessary to remove/relocate front license plate and license plate bracket. It is not required, but strongly recommended. If local/state law requires a front license plate, license plate relocation kit is available.

1. Start installation from under the front of the vehicle. Determine if the vehicle is equipped with tow hooks. **IMPORTANT:** Tow hooks cannot be reinstalled with the Bull Bar.

Tow Hook equipped vehicles:

- a. Remove the factory tow hook from the end of each frame channel, **(Figures 1—3)**.
- b. Select the passenger/right Mounting Bracket. Insert the Bracket through the opening in the bumper and up to the frame. Trim the plastic as required to clear the Bracket. Repeat to check for clearance on driver/left side of bumper.
- c. Proceed to **Step 2**.

Vehicles without tow hooks:

- a. Cut out the indented area in both sides of the plastic bumper insert to clear the Brackets as pictured, **(Figure 4)**. **IMPORTANT:** Make several small cuts for best fit.
- b. Check for clearance between Brackets and opening and trim the plastic as required to clear the Brackets.

For diesel models with tow hooks, it will be necessary to remove the bumper:

- a. Unplug all wiring harnesses leading to the front bumper.
- b. Remove the bolts located on the top of the grille, **(Figure 5)**.
- c. Firmly pull to remove the grille, **(Figure 6)**.
- d. Remove the bolts on the edges of the bumper, **(Figure 7)**.
- e. Place blocks or jack stands under the front bumper to support it during mounting bolt removal. **WARNING!** Assistance is required to hold the bumper in place during bolt removal to prevent the bumper from falling.
- f. Pull back the rubber from the top of the bumper to reveal the top bolts attaching the bumper to the frame, **(Figure 8)**. Remove the bolts to remove the bumper.
- g. Remove the bolts connecting the bottom of the bumper to the lower bumper bracket. Unplug the wiring harness. Remove the lower bolts connecting the shutter to the frame, **(Figure 9)**.

- h. Remove the bolts and pins attaching the shutter to the vehicle to remove, **(Figures 10 & 11)**. **NOTE:** The pins are located under the plastic cover above the shutter scoop.
 - i. Remove the tow hooks.
 - j. Reattach the shutter and bumper to the vehicle.
2. Line up the holes in the Bracket with the holes in the end of the frame channel for the tow hook, **(Figure 12)**. Select (1) 12mm Double Bolt Plate, **(Figure 14)**. Insert the Bolt Plate into the end of the frame and out through the (2) holes in the side of the frame and out through the Bracket, **(Figures 13—15)**. Secure the Bracket to the Bolt Plate with (2) 12mm Flat Washers and (2) 12mm Nylon Lock Nuts. Leave hardware loose at this time.
 3. Repeat **Step 2** to install the 12mm x 35mm Single Bolt Plate, **(Figure 16)**, into the single forward tow hook mounting hole in the other side of the frame channel and Bracket, **(Figures 13, 16—18)**.
 4. Repeat **Steps 2 & 3** to install the driver/left Mounting Bracket.
 5. With assistance, hold the Bull Bar up in position on the outside of the Mounting Brackets. Attach the Bull Bar to the Brackets with (4) 10mm x 30mm Hex Bolts, (8) 10mm Flat Washers and (4) 10mm Nylon Lock Nuts, **(Figures 19 & 20)**. Do not tighten hardware at this time.
 6. Check the Bull Bar alignment with the vehicle and for clearance between the Bull Bar and the bumper. Adjust as required then fully tighten all hardware at this time.
 7. Do periodic inspections to the installation to make sure that all hardware is secure and tight.
- To protect your investment**, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish. Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap may be used also to clean the Bull Bar.

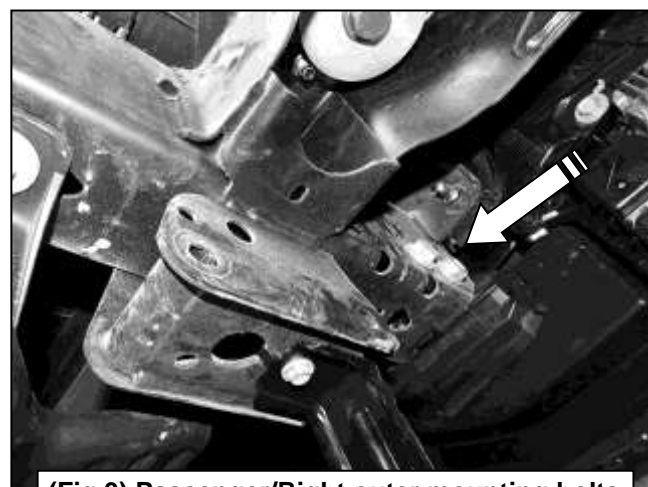
Passenger/Right Side Installation Pictured



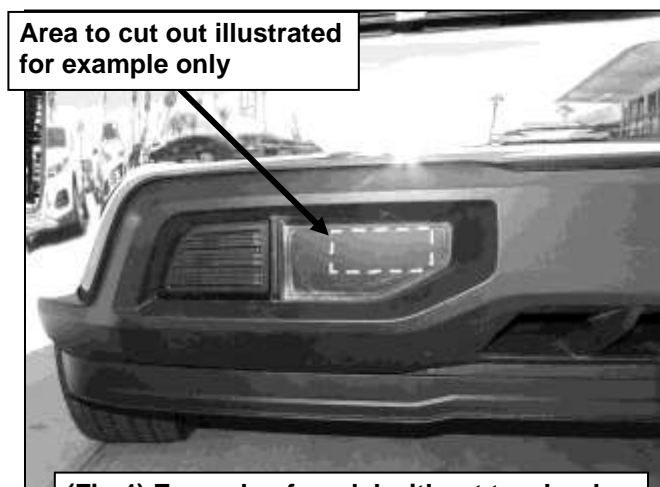
(Fig 1) Example of Tow hook



(Fig 2) Passenger/Right inner mounting bolt for tow hook pictured from behind bumper



(Fig 3) Passenger/Right outer mounting bolts for tow hook pictured from behind bumper



Area to cut out illustrated for example only

(Fig 4) Example of model without tow hooks

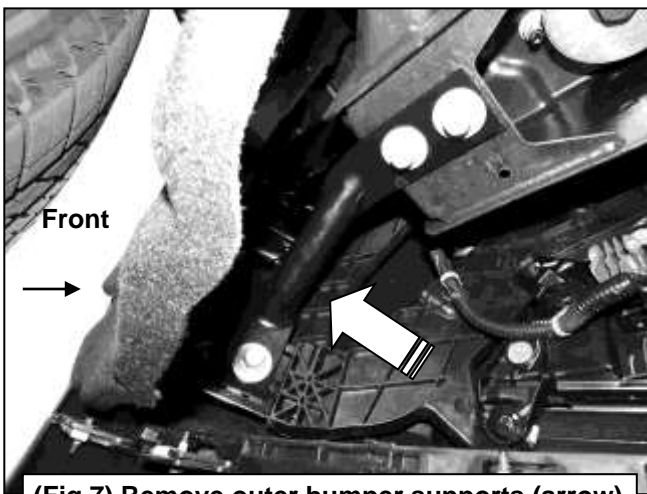
Passenger/Right Side Installation Pictured



(Fig 5) Remove cover and screws attaching grille



(Fig 6) Firmly pull grille straight out from vehicle

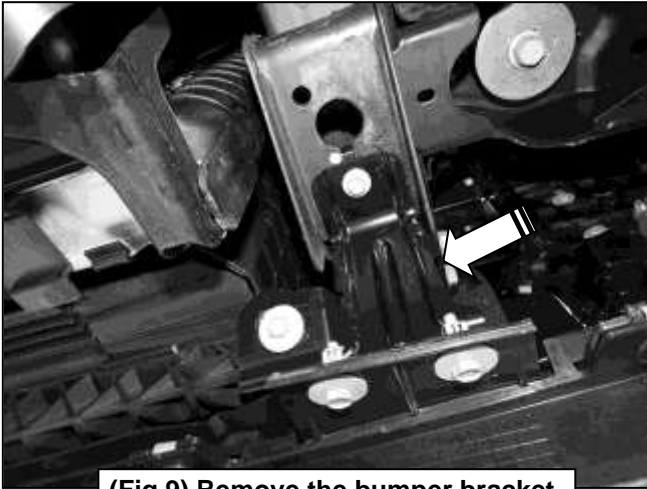


(Fig 7) Remove outer bumper supports (arrow)

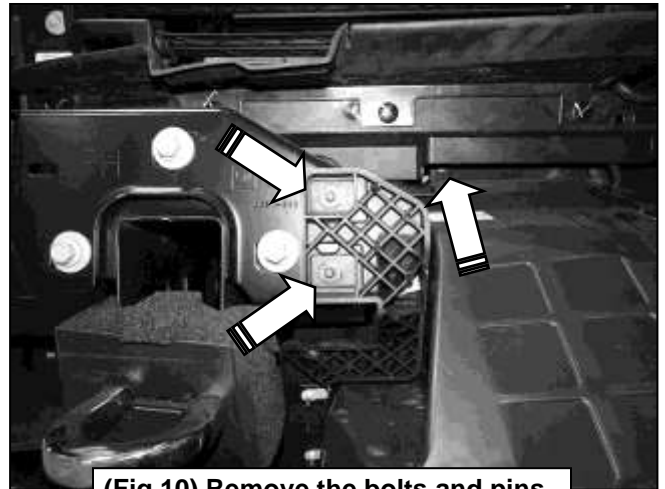


(Fig 8) Pull back cover to locate top bumper bolts

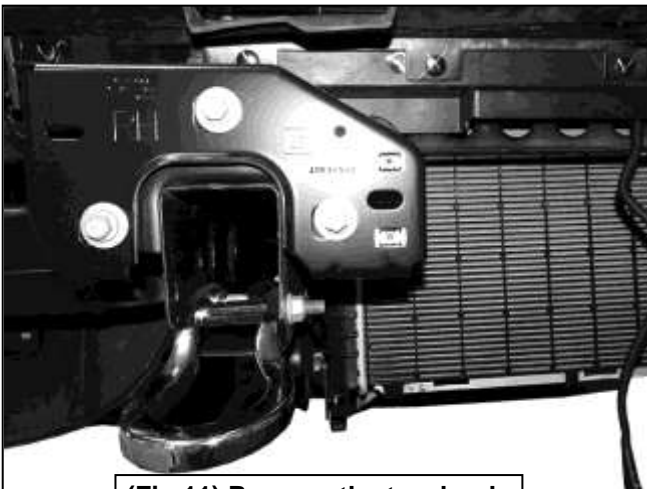
Passenger/Right Side Installation Pictured



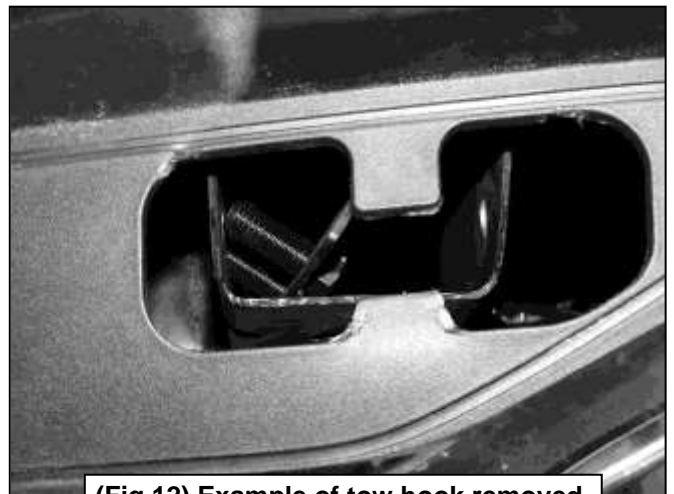
(Fig 9) Remove the bumper bracket



**(Fig 10) Remove the bolts and pins attaching the shutter to the vehicle.
NOTE: The pins are located under the plastic cover**



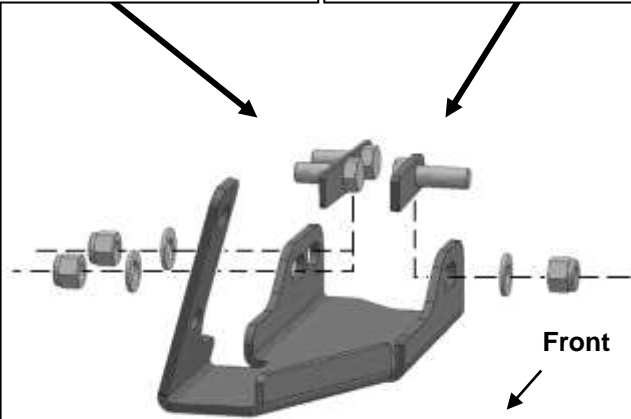
(Fig 11) Remove the tow hook



(Fig 12) Example of tow hook removed

Passenger/Right Side Installation Pictured

- | | |
|----------------------------|----------------------------|
| (1) 12mm Double Bolt Plate | (1) 12mm Single Bolt Plate |
| (2) 12mm Flat Washers | (1) 12mm Flat Washer |
| (2) 12mm Nylon Lock Nuts | (1) 12mm Nylon Lock Nut |



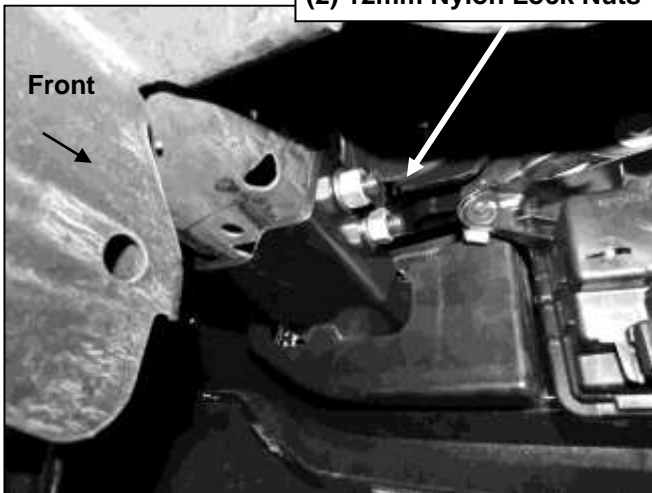
(Fig 13) Passenger/Right side Bracket illustrated

- 12mm Double Bolt Plate
 (2) 12mm Flat Washers
 (2) 12mm Nylon Lock Nuts



Fig 14

- (1) 12mm Double Bolt Plate
 (2) 12mm Flat Washers
 (2) 12mm Nylon Lock Nuts



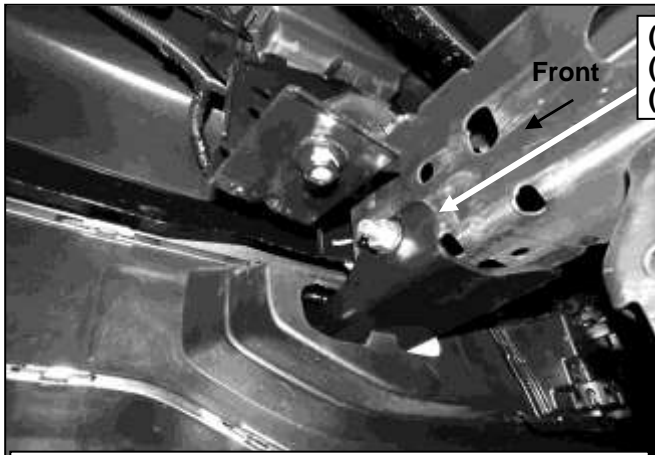
(Fig 15) Outer Passenger/Right side Bracket with Double Bolt Plate pictured from behind bumper

- 12mm Single Bolt Plate
 12mm Flat Washer
 12mm Nylon Lock Nut



Fig 16

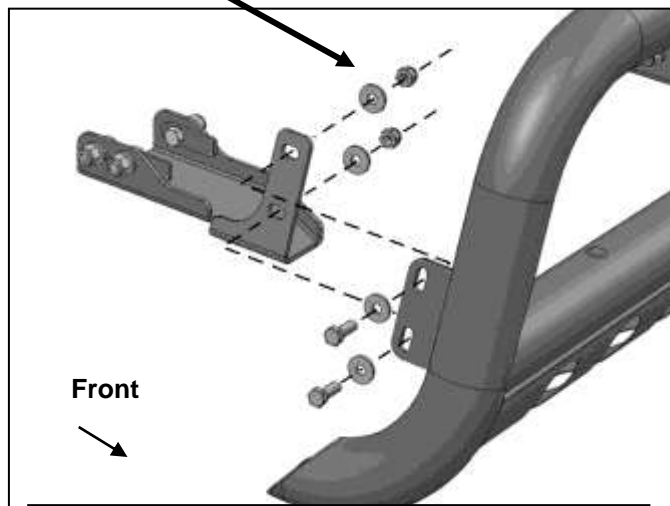
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- (1) 12mm Single Bolt Plate
- (1) 12mm Flat Washer
- (1) 12mm Nylon Lock Nut

(Fig 17) Inner Passenger/Right side Bracket with Single Bolt Plate pictured from behind bumper

- (2) 10mm Hex Bolts
- (4) 10mm Flat Washers
- (2) 10mm Nylon Lock Nuts



(Fig 19) Attach Bull Bar to outside of Brackets. Passenger/Right side complete installation



(Fig 18) Passenger/Right side Bracket installed

- (2) 10mm x 30mm Hex Bolts
- (4) 10mm Flat Washers
- (2) 10mm Nylon Lock Nuts



(Fig 20) Passenger/Right side complete installation