

Installation Instructions



Premium Style. Lasting Performance.

Care and Cleaning

- Wash only with mild soap and dry with a clean cloth.
- Every 3 months or 5000 miles check for loose hardware and tighten as necessary.

Congratulations!

You have purchased one of the many quality Lund® branded products offered by Lund International. We take the utmost pride in our products and want you to enjoy years of satisfaction from your investment. We have made every effort to ensure that your product is top quality in terms of fit, durability, finish and ease of installation.

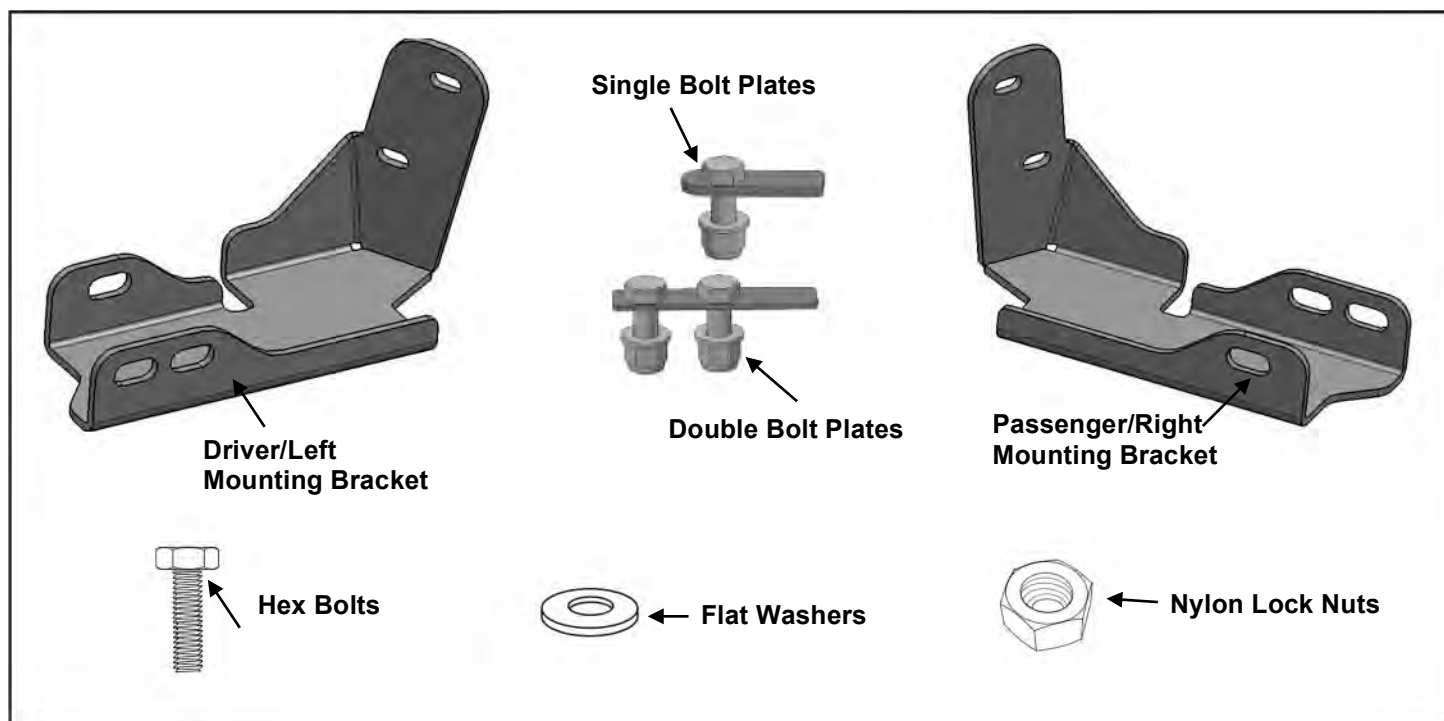
Recycle

The material that your product is made from can be recycled. Please also consider recycling the packaging that your product came in.



PARTS LIST:

1	Revolution Bull Bar	6	12mm Flat Washers
1	Driver/Left Mounting Bracket	6	12mm Nylon Lock Nuts
1	Passenger/Right Mounting Bracket	4	8mm Bolts Assembly
2	Double Bolt Plates	1	License Plate Relocation Hardware
2	Single Bolt Plates	1	License Plate Relocation Bracket Kit
1	20" LED Light Bar		
1	Wire Harness		



EQUIPMENT NEEDED:

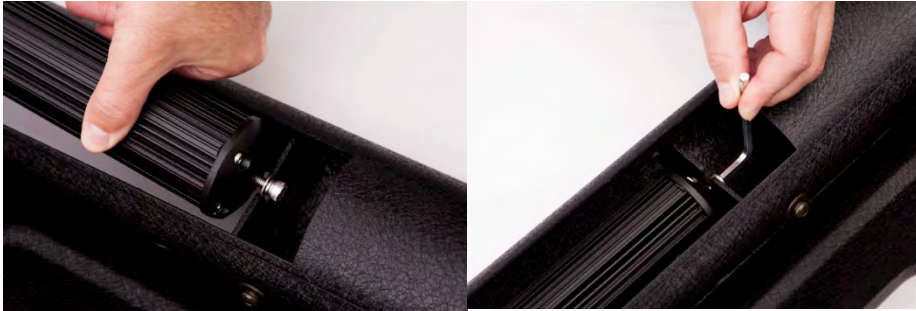
- Safety Glasses
- Ratchet Set
- Pliers or Adjustable Wrench

IMPORTANT NOTES:

- Bull Bar may interfere with parking sensors on the bumper.
- If state law requires a front license plate, a relocation kit is available separately.
- For cleaning, mild soap may be used to clean the Bull Bar, and aluminum polish may be used on the stainless steel to polish small scratches and scuffs on the finish.
- **REMOVE CONTENTS FROM BOX, VERIFY ALL PARTS ARE PRESENT, & READ INSTRUCTIONS CAREFULLY. NOTE: PROFESSIONAL INSTALLATION IS RECOMMENDED.**

LIGHT BAR INSTALLATION:

1. Remove light bar from box and screw bolts and washers into each end.
2. Slide bolts into crossbeam brackets with the washers on the outside of the bracket, and tighten using the supplied allen key.



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, a license plate relocation kit is available.

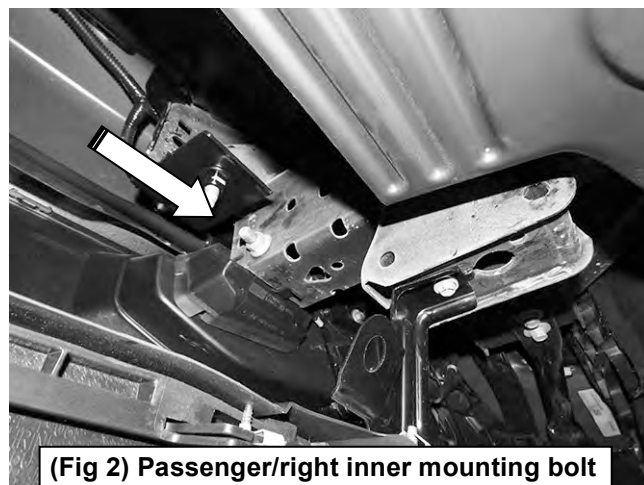
1. Start installation from under the front of the vehicle. Determine if the vehicle is equipped with tow hooks.
IMPORTANT: Tow hooks cannot be reinstalled with the Bull Bar.
Tow Hook equipped vehicles:
 - a. Remove the factory tow hook from the end of each frame channel, **(Figures 1—3)**.
 - b. Select 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, **(Figure 5)**. 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, **(Figures 4 & 5)**. **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.
2. Line up the holes in the bracket with the holes in the end of the frame channel for the tow hook, **(Figure 5)**. Select (1) Double Bolt Plate, **(Figure 6)**. 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 6 & 8)**. 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 Single Bolt Plate, **(Figure 9)**, into the single forward tow hook mounting hole in the other side of the frame channel and Bracket, **(Figures 6, 10 & 11)**.
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 the supplied bolt assembly's (4). 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: We recommend using Mild soap to clean the Bull Bar.

Passenger/right Side Installation Pictured



(Fig 1) Example of Tow hook

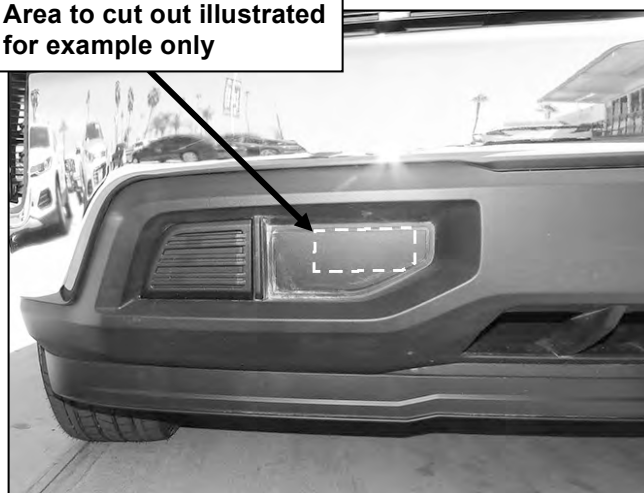


(Fig 2) Passenger/right inner mounting bolt for tow hook pictured from behind bumper



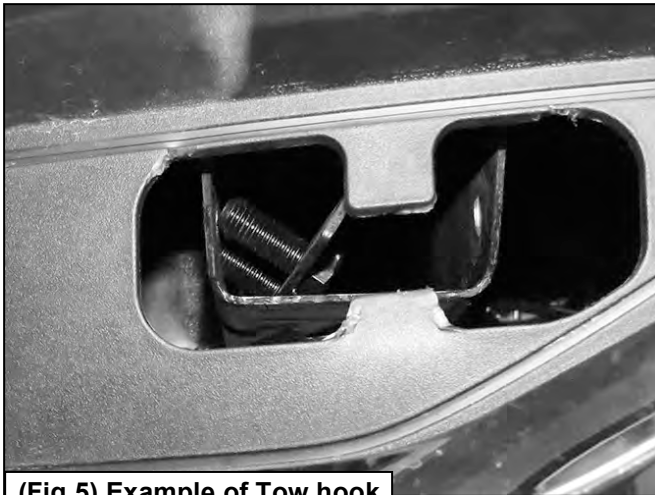
(Fig 3) Passenger/right outer mounting bolts for tow hook pictured from behind bumper

Area to cut out illustrated for example only



(Fig 4) Example of model without tow hooks

Passenger/right Side Installation Pictured



(Fig 5) Example of Tow hook

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



Fig 7

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

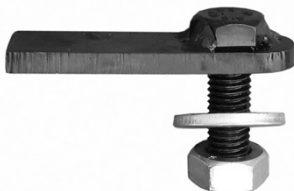
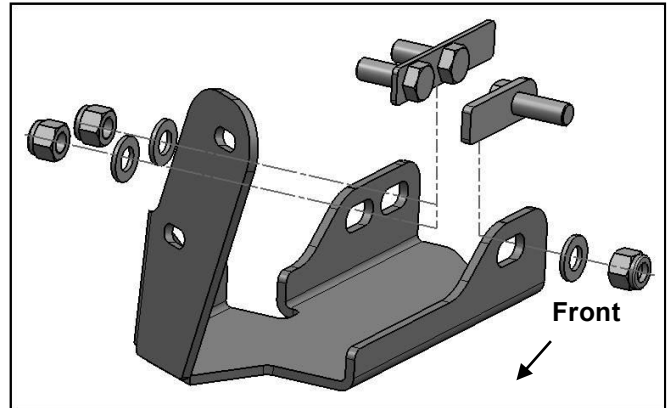


Fig 9

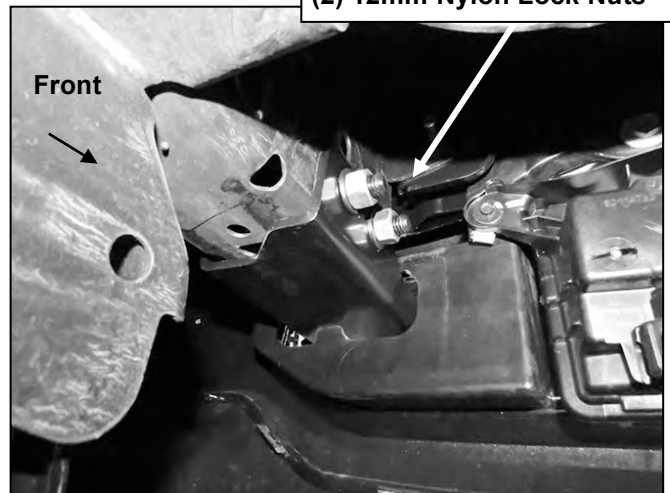
(1) Double Bolt Plate
(2) 12mm Flat Washers
(2) 12mm Nylon Lock Nuts

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

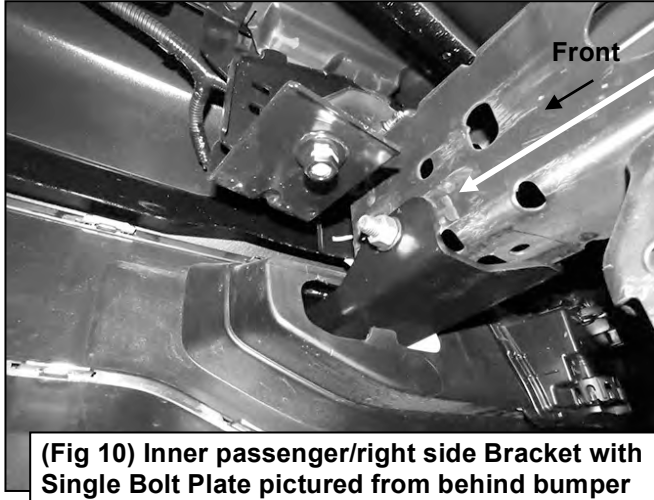


(Fig 6) Passenger/right side Bracket illustrated

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



(Fig 8) Outer passenger/right side Bracket with Double Bolt Plate pictured from behind bumper



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



(Fig 11) Passenger/right side Bracket installed



(Fig 12) Attach each mounting bracket to the bull bar with (2) bolt assemblies



(Fig 13) Complete installation



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