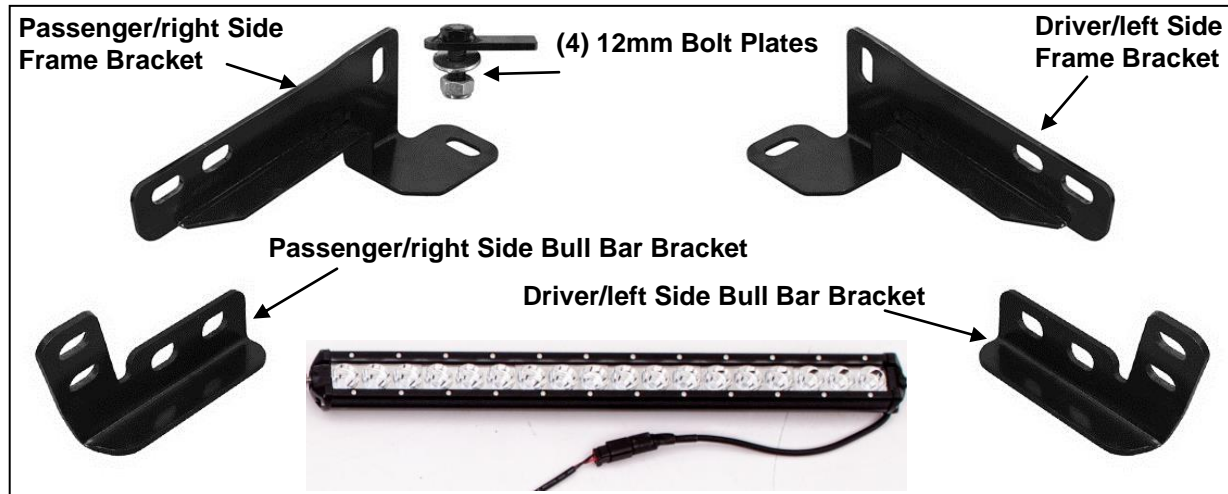


## PARTS LIST:

1	3in Bull Bar Assembly	4	12mm x 32mm OD x 3mm Flat Washer
1	Driver/left Frame Bracket	4	12-1.75mm Nylon Lock Nut
1	Passenger/Right Frame Bracket	8	10-1.5mm x 30mm Hex Bolt
1	Driver/left Bull Bar Mounting Bracket	16	10mm x 27mm OD x 3mm Flat Washer
1	Passenger/right Bull Bar Mounting Bracket	8	10-1.5mm Nylon Locknut
4	12-1.75mm x 35mm Bolt Plates		
1	LED Light Bar		



## EQUIPMENT NEEDED:

- Safety Glasses
- Ratchet Set
- Pliers or Adjustable Wrench

## IMPORTANT NOTES:

- Bull Bar *may* interfere with parking sensors on the bumper.
- The LED light bar can be wired into the factory lighting, or a wiring harness can be purchased separately.
- 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.



## BULL BAR INSTALLATION:

1. Starting at the driver side, remove the factory tow hook if equipped, (**Figures 1A & 1B**). **NOTE:** This Bull Bar is not compatible with the factory tow hooks and they cannot be reinstalled. **IMPORTANT:** On some model years, with and without tow hooks, the pocket in the plastic bumper may need to be trimmed or completely cut out, (**Figure 1A**). Use a sharp knife or hacksaw blade and carefully cut out the pocket to clear the Bull Bar Brackets. Only cut enough to clear the Brackets.

### Driver Side Installation Pictured



Fig 1A

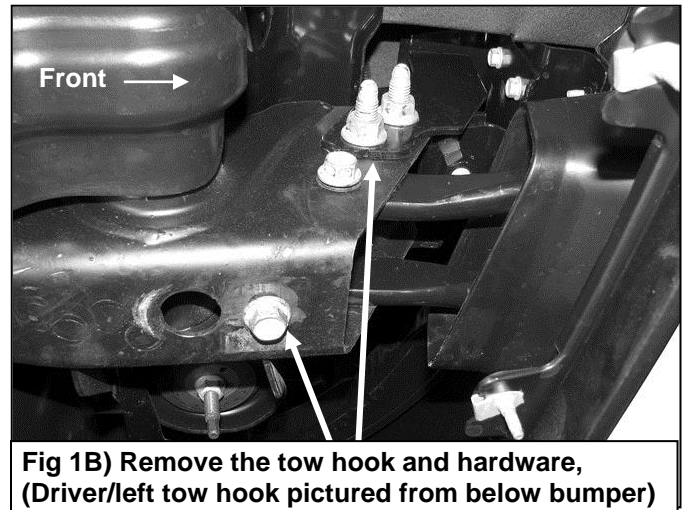


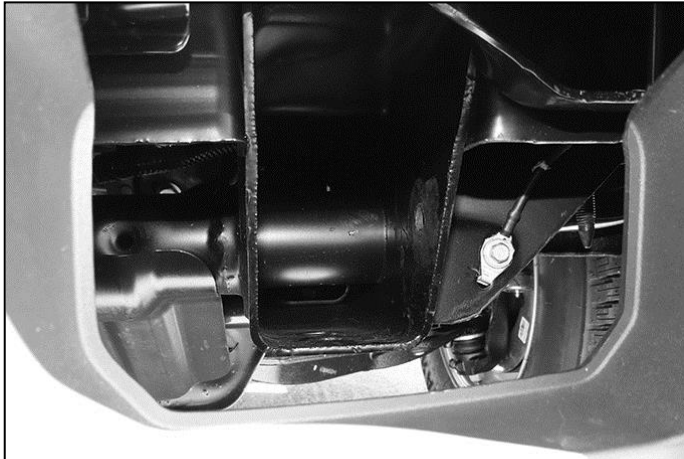
Fig 1B) Remove the tow hook and hardware,  
(Driver/left tow hook pictured from below bumper)

2. Insert (1) 12mm Bolt Plate, **(Figure 3A)**, into the end of the frame channel, **(Figure 2)**, and out through the hole in the bottom of the frame. Insert a second Bolt Plate into and out the hole in the outer side of the frame, (factory hole for tow hook bolt), **(Figure 3B)**.

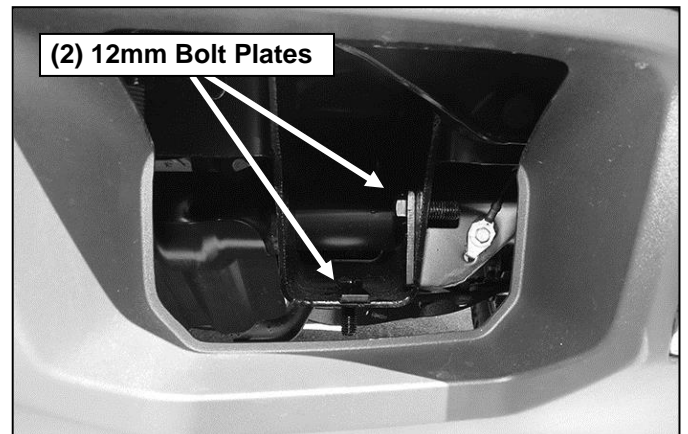
### Driver Side Installation Pictured



**(Fig 3A) 12mm Bolt Plate with hardware**



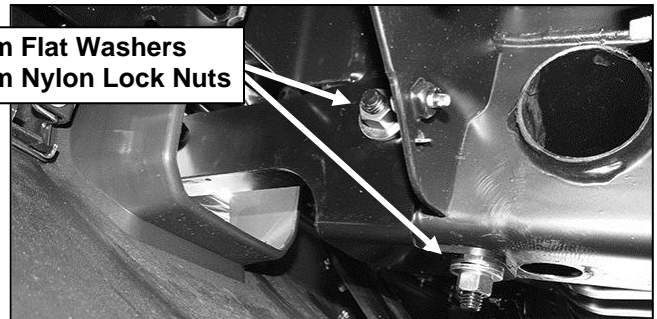
**(Fig 2) Open end of driver/left side frame channel**



**(Fig 3B) Driver/left side tow hook opening pictured**

3. Select the driver side Frame Bracket. Refer to illustration above for bracket configuration. Position the Frame Bracket onto the outside of the frame channel and over the (2) Bolt Plates, **(Figure 4)**. Secure the Bracket to the frame and Bolt Plates with (2) 12mm Flat Washers and (2) 12mm Nylon Lock Nuts. Leave hardware loose at this time.

**(2) 12mm Flat Washers**  
**(2) 12mm Nylon Lock Nuts**



**(Fig 4) Driver/left Frame Bracket pictured**

- Next, select the driver side Bull Bar Mounting Bracket. Attach the Bull Bar Bracket to the inside of the Frame Bracket with the included (2) 10mm x 30mm Hex Bolts, (4) 10mm Flat Washers and (2) 10mm Nylon Lock Nuts, **(Figure 5)**. Leave hardware loose at this time. **NOTE:** On some models, it may be possible or simpler to bolt the Frame and Mounting Brackets together first and install as one piece.



Fig 5

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

- Starting at the bottom of the frame, tighten the lower 12mm Frame Bracket mounting hardware first then move to the side of the frame. Fully tighten Frame Bracket to 12mm Bolt Plate hardware only at this time. Do not tighten the 10mm Bull Bar Bracket hardware.
- Repeat **Steps 2—6** for passenger side Frame and Mounting Bracket installation.
- With assistance, position the Bull Bar assembly up to the outside of the Mounting Brackets. Attach the Bull Bar to the Brackets with the included (4) 10mm x 30mm Hex Bolts, (8) 10mm Flat Washers and (4) 10mm Nylon Lock Nuts, **(Figure 6)**. Do not fully tighten hardware at this time.

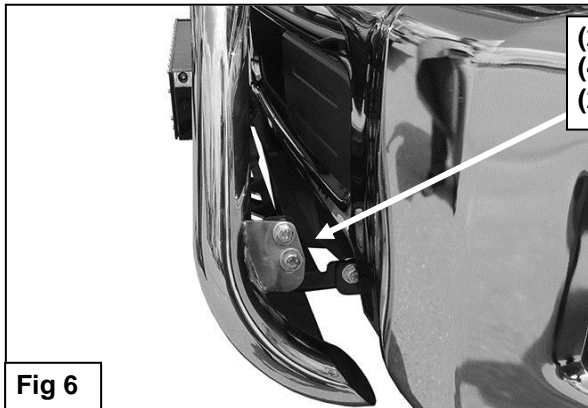


Fig 6

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

- Level and adjust the Bull Bar and fully tighten all remaining hardware.