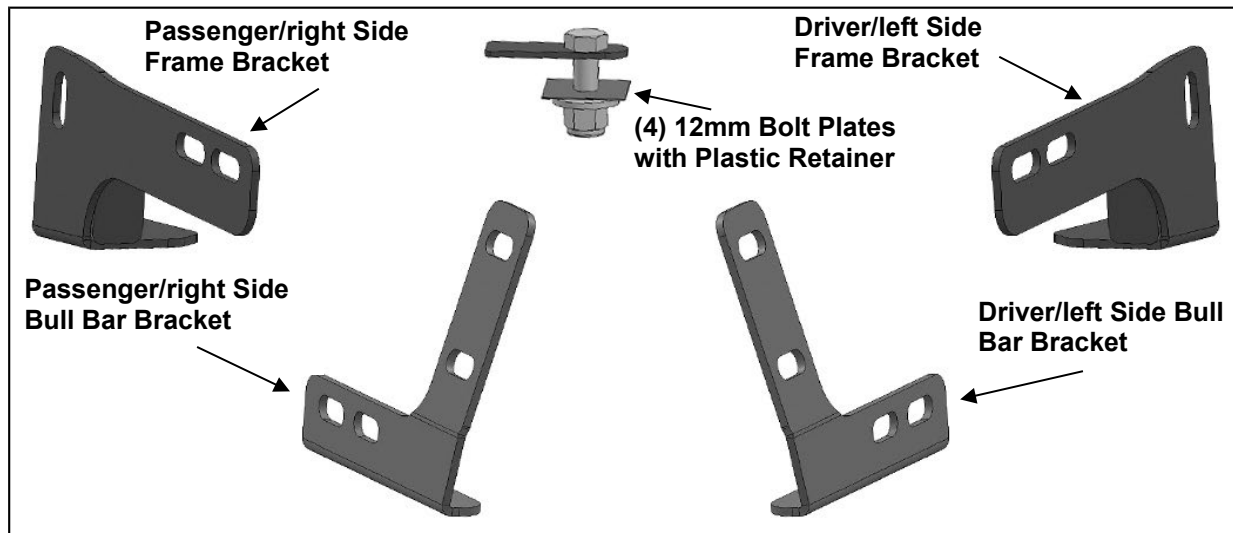




PARTS LIST:

1	3.5in Oval Bull Bar Assembly	4	12mm Plastic Retainers
1	Driver/left Frame Bracket	4	12mm x 32mm OD x 3mm Flat Washer
1	Passenger/Right Frame Bracket	4	12-1.75mm Nylon Lock Nut
1	Driver/left Bull Bar Mounting Bracket	8	10-1.5mm x 30mm Hex Bolt
1	Passenger/right Bull Bar Mounting Bracket	16	10mm x 27mm OD x 3mm Flat Washer
4	12-1.75mm x 35mm Bolt Plates	8	10-1.5mm Nylon Locknut
2	8mm Lock Washer	2	8mm x 24mm x 2mm Flat Washer
2	8-1.25mm x 16mm Hex Bolt		



PROCEDURE:

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. CUTTING MAY BE REQUIRED. INSTALLATION MAY INTERFERE WITH BUMPER MOUNTED PARKING SENSORS. ASSISTANCE IS RECOMMENDED. 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. 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.
2. Insert (1) 12mm Bolt Plate, **(Figure 3)**, into the end of the frame channel, **(Figure 4)**, 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), **(Figures 4 & 5)**. Thread 12mm Plastic Retainers onto the Bolt Plates to help hold them in place as needed. **NOTE:** Plastic Retainers are not required for installation and use is optional.
3. Select the driver side Frame Bracket, **(Figure 5)**. Position the Frame Bracket onto the outside of the frame channel and over the (2) Bolt Plates, **(Figure 6)**. 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.
4. Next, select the driver side Bull Bar Mounting Bracket, **(Figure 7)**. 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 7)**. 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.

5. 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.
6. Repeat **Steps 1—5** for passenger side Frame and Mounting Bracket installation.
7. With assistance, position the Bull Bar assembly up to the inside 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 8)**. Do not fully tighten hardware at this time.
8. Level and adjust the Bull Bar and fully tighten all remaining hardware.
9. 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.

For stainless steel: 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.

For gloss black finishes: Mild soap may be used to clean the Bull Bar.

Driver Side Installation Pictured

Remove the factory tow hook and hardware. Tow hook will not be reinstalled

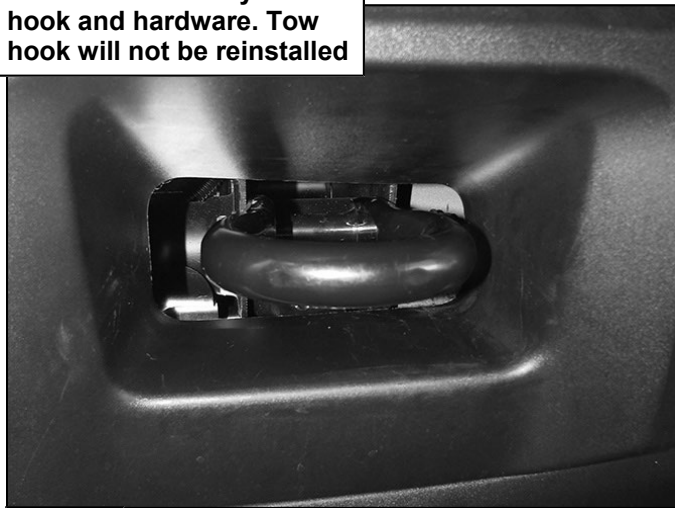
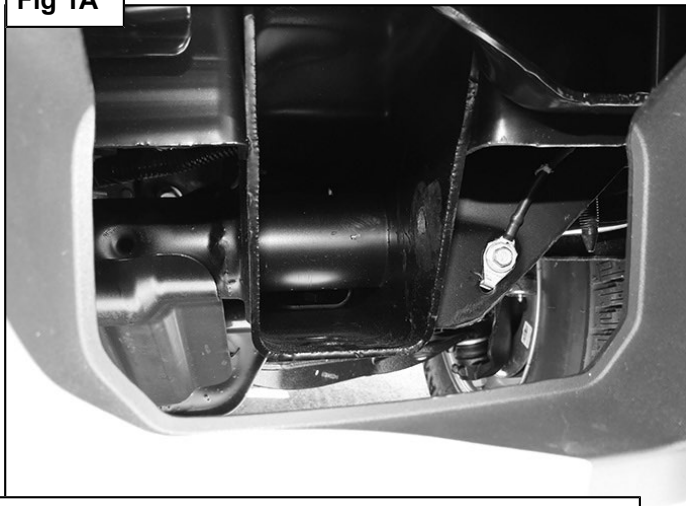


Fig 1A



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

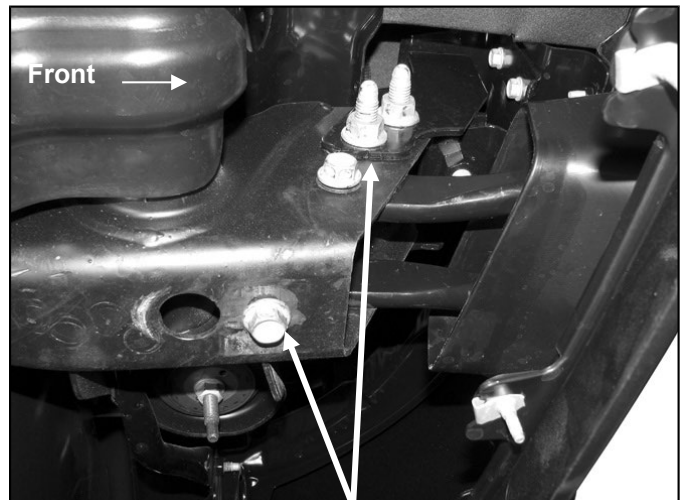
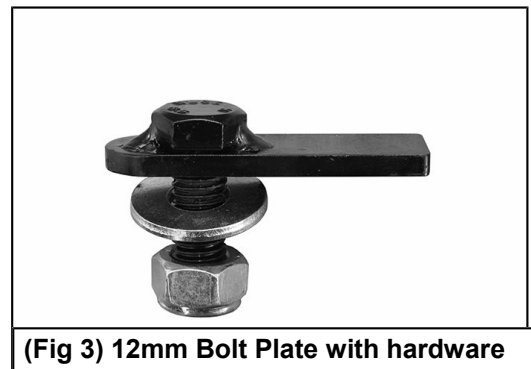
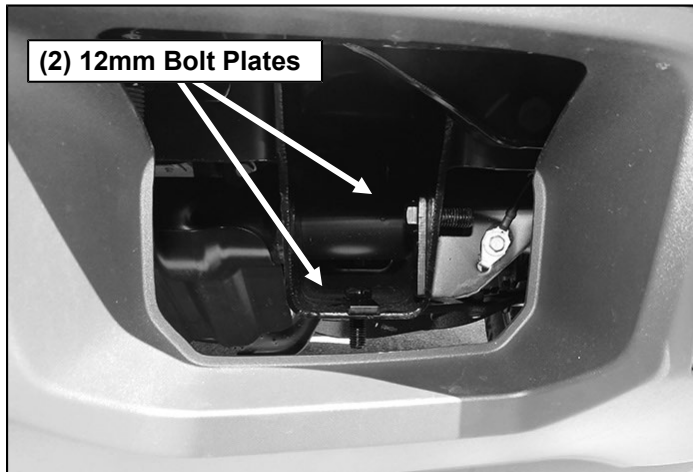


Fig 1B) Remove the tow hook and hardware, (Driver/left tow hook pictured from below bumper)

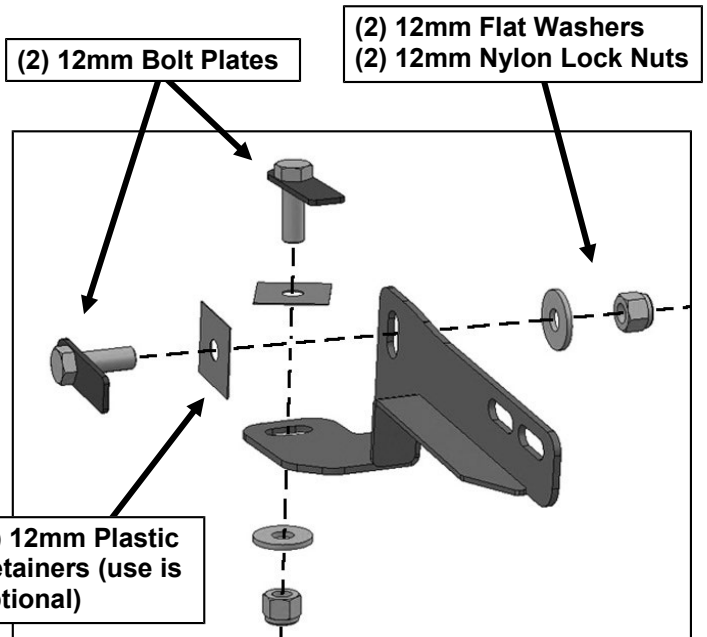


(Fig 3) 12mm Bolt Plate with hardware

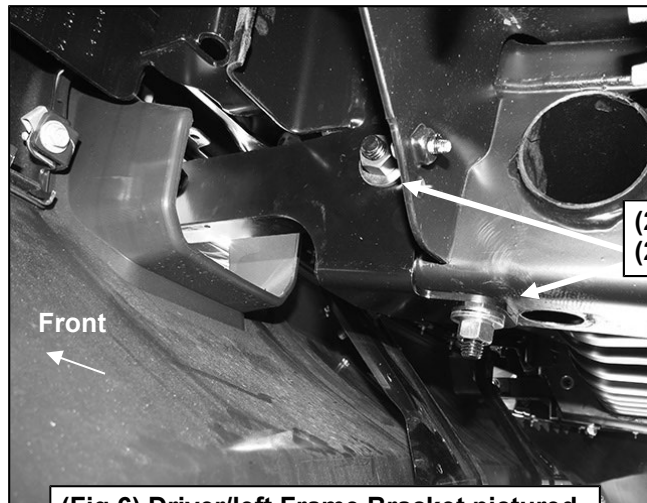
Driver Side Installation Pictured



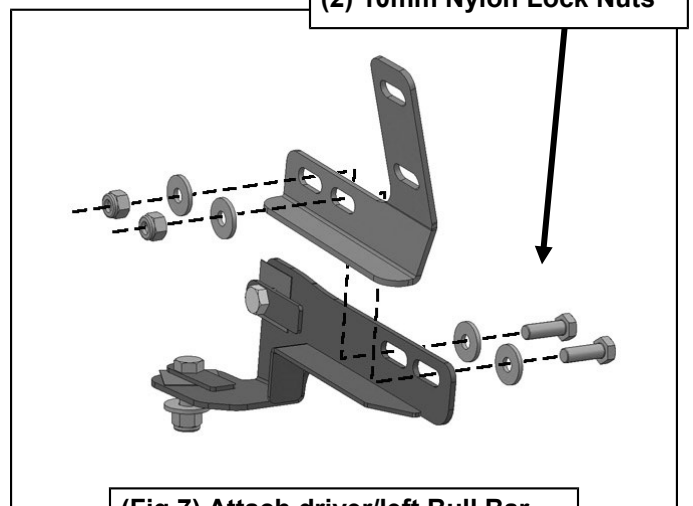
(Fig 4) Driver/left side tow hook opening pictured



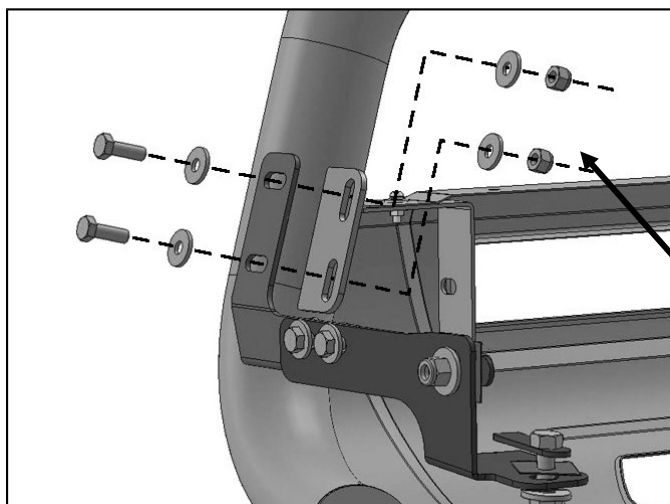
(Fig 5) Attach driver/left Frame Bracket to 12mm Bolt Plates in end of frame



(Fig 6) Driver/left Frame Bracket pictured



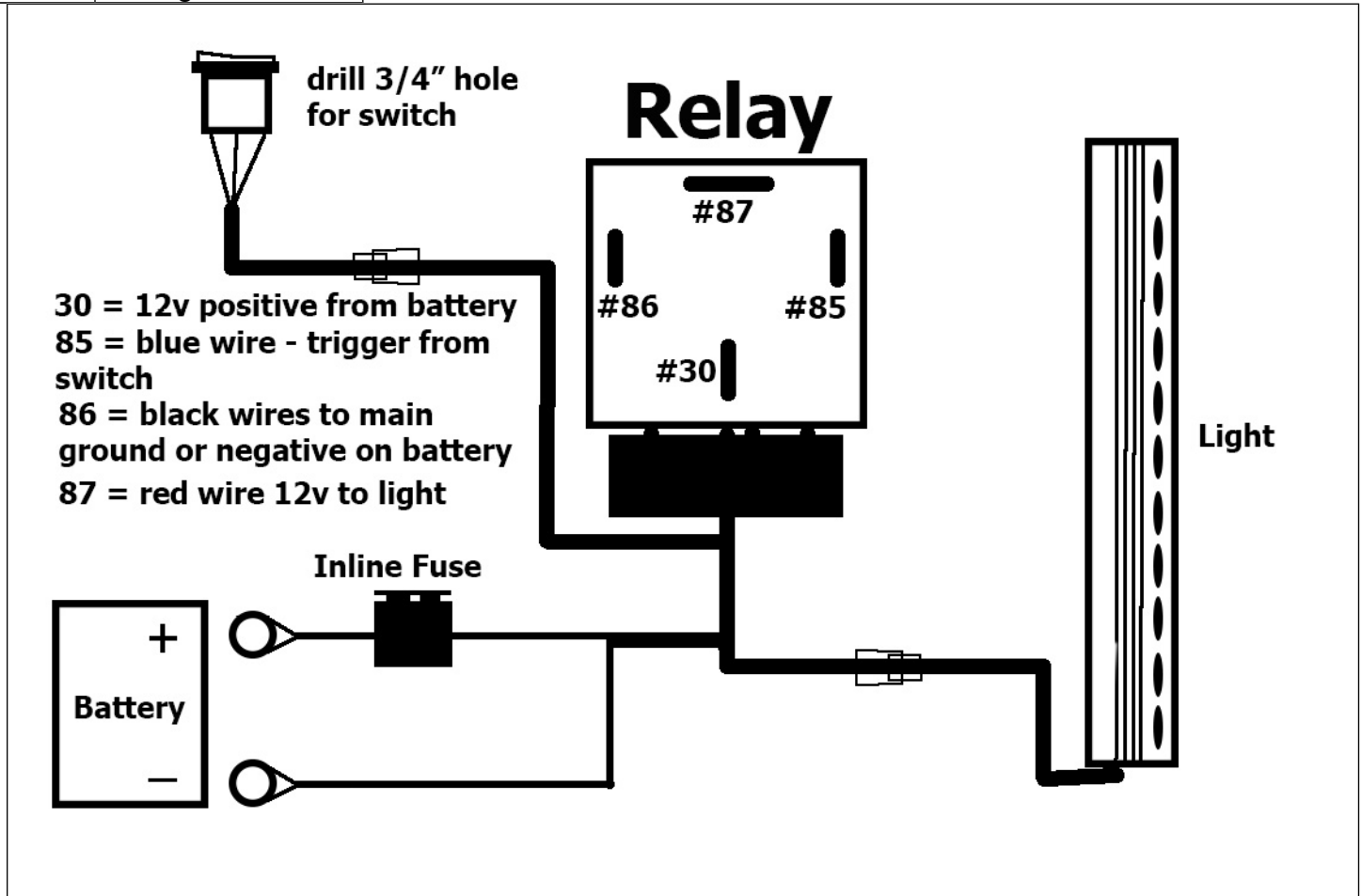
(Fig 7) Attach driver/left Bull Bar Bracket to inside of Frame Bracket



(Fig 8) Attach Bull Bar to inside of Mounting Brackets

PARTS LIST:

Qty	Description
1	Light
1	Wiring Harness



PROCEDURE:

1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY. DRILLING IS REQUIRED. ELECTRICAL KNOWLEDGE IS HIGHLY RECOMMENDED.
2. Install Light into product as instructed. Open hood and disconnect battery.
3. Unwrap preassembled wiring harness. Disconnect the plug in the harness leading to the lighted switch. Locate suitable mounting location for switch. Drill 3/4" hole in panel to mount switch. **IMPORTANT:** Do not drill any holes in panel until back of location is properly checked for clearance. Use of safety goggles is required.
4. Run switch harness through firewall on vehicle. Drill hole through firewall as required for harness plug. Highly recommend use of rubber grommet (not included) to protect harness. Feed switch harness plug through hole in firewall. Seal firewall with silicone as necessary.
5. Attach Relay and main harness to suitable location near battery (firewall or inner fender for example). Do not connect to battery at this time.
6. Attach switch plug to switch harness and tie harness away from anything that could damage harness.
7. Run the prewired light harness down to the light. Plug harness into prewired plug on light. Tie wiring harness away from anything that could damage harness.
8. Attach the fused red positive and black negative wires on the main harness to the battery. **NOTE:** Attach black negative wire to negative terminal on battery or suitable chassis ground.
9. Reattach battery cables to battery. Installation is complete.
10. Do periodic inspections to the installation to make sure that all hardware is secure.