



Owner's Manual

Model:
Polaris RZR *

Caution:

Before using this product, read this manual and follow all safety instructions.



2008~2010 Polaris RZR 800* Cab Enclosure Kit

- Safety Instructions
- Kit Contents
- Tool Requirement
- Assembly Instructions

*DefenderCab™ and accessories are in no way affiliated with Polaris™. Any use of the name is only to identify their utility vehicle as it pertains to our accessories. Polaris and RZR are registered trademarks of Polaris Industries Inc.

Warning: Failure to heed all safety and operating instructions and / or warnings regarding use of this product can result in serious bodily injury.

SAFETY INSTRUCTIONS

Read entire assembly instructions prior to commencing work.

Install all parts indicated in assembly instructions. Failure to fully assemble product before use could result in personal injury.

Assembly of product requires use of hand or power tools. If you are not experienced in using these types of tools, have product dealer do the installation for you.

Some parts contain sharp edges; wear protective gloves if necessary.

Dress for safety. Do not wear loose clothing, neckties or jewelry if using power tools to assemble this product.

Always keep your assembly area clean, uncluttered and well lit.

Keep visitors and children a safe distance away from the assembly area. Visitors should wear the same safety equipment described above.

NEVER OPERATE YOUR UTV WITH THE CAB DOORS OPEN. FAILURE TO PROPERLY LATCH THE DOORS PRIOR TO MOVING THE VEHICLE COULD RESULT IN SERIOUS INJURY.

Cab Enclosure Kit Contents

Your DefenderCab™ Kit should contain the parts listed below. Separate all parts from packing materials. Do not discard packing material until assembly is complete. Item quantities are listed in parenthesis below. Note: Items listed below may or may not be included based on selected options.

Panels, Doors and Brackets

- (1) Windshield Panel
- (1) Back Panel
- (1) Roof Panel
- (1ea) Driver & Passenger Side Panel
- (1) Driver Full and/or Half Door
- (1) Passenger Full and/or Half Door
- (1ea) Driver & Passenger Pinch Bracket
- (1ea) Driver & Passenger Panel Bracket
- (1ea) Driver & Passenger Latch Bracket
- (2) Striker Mount
- (2) Striker Plate
- (2) Lower Panel Clip
- (2) 1 ¾" Non-rubberized Clamps
- (50) #10-32 SS Nyloc Nut
- (38) #10-32 x 5/8 Button Head SS Screw
- (12) #10-32 x 5/8" Flat Head SS Screw
- (12) #10-32 x ¾" Flat Head SS Screw
- (2) #8-32 x 1 ¼" Zinc Screw
- (2) #8-32 Nyloc Nut
- (42) 3/16" SS Nom. Flat Washer
- (2) 3/16" Zinc Flat Washer
- (4) 5/16-18 x ¾" Lg. Hex Bolt
- (4) 5/16-18 Nyloc Nut
- (8) 5/16" Nom. Flat Washer
- (6) #8 x ½" Sheet Metal Screw
- (6) #8 U-Type Tinnerman Speed Clip
- (2) 1" Recessed Rubber Bumper
- (1) 1/8" Allen Key Wrench
- (6) M6 x 16mm Button Head Screw

Hardware

- (2) Exterior Door Handle
- (1) ea. RH & LH Inside Latch
- (2) Striker Bolts
- (2) Rubber dust shield (*RZR-S only*)
- (1) Roll, High Density Foam Gasket
- (1) Roll, Low Density Foam Gasket
- (4) 1 ¾" Rubberized Clamp
- (2) 1 ½" Rubberized Clamp

*NOTE: Hardware Bag contains spare items and is used on multiple cab systems. Some items may or may not be used in this application.

Tools Required for Assembly

Ensure that you have the following tools available before you begin the assembly of your DefenderCab™ Kit. *** **Assembly May require an assistant*****

NOTE: Stainless Steel hardware **will** gall without use of anti-sieze compound.

- Phillips & Flat Screwdrivers
- 1/8" & 8mm Allen Wrench
- 3/8", 7/16" & ½" Wrench / Socket
- Electric drill
- 1/8", 3/16" and 1/4" drill bit
- Utility knife
- Pliers (Suggested)
- Utility clamps (Suggested)
- Rubber Mallet (Suggested)
- Loctite Blue 242™ (Recommended)
- Antisieze Compound

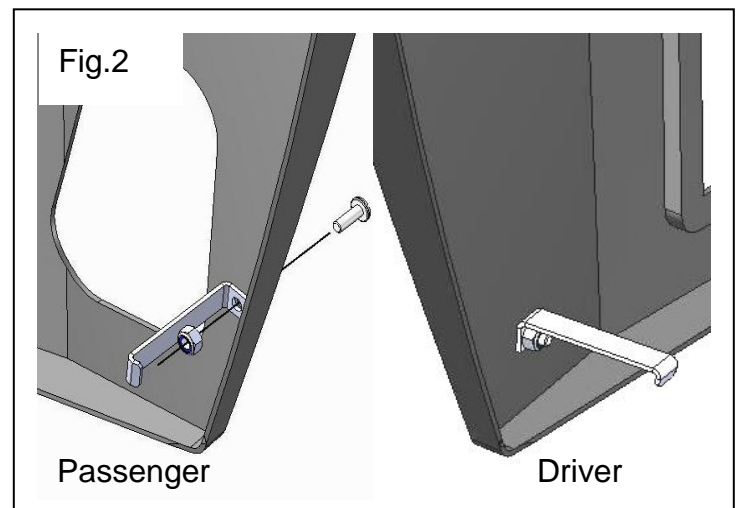
Kit Installation

1. Vehicle Preparation

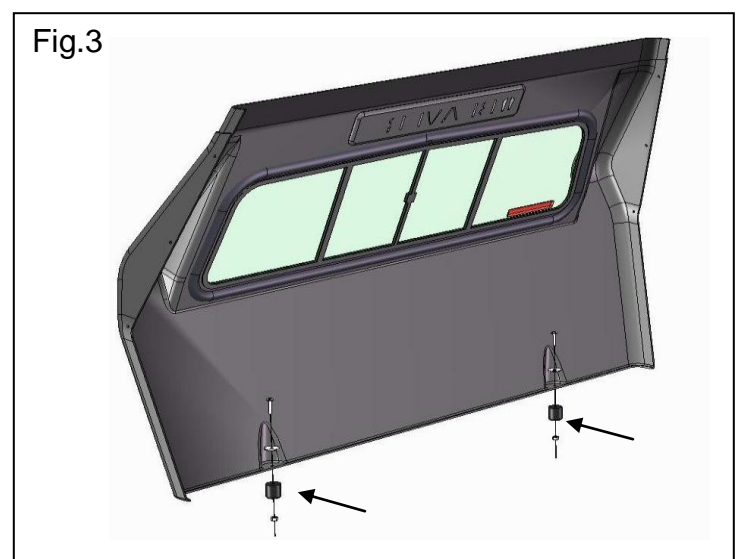
i) Remove OEM retainer clips from lower rocker panels and set aside for later use. (Fig.1)



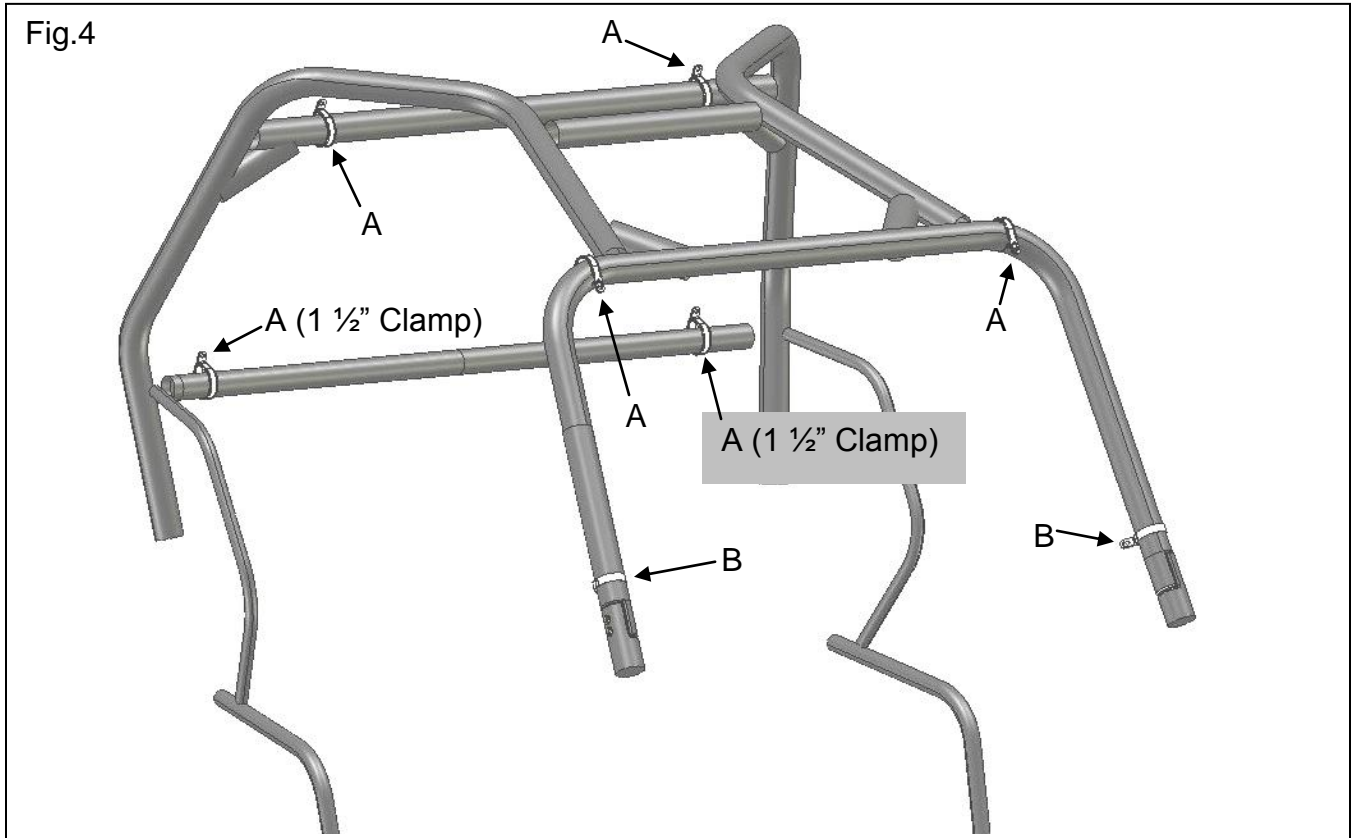
ii) Install Lower Panel Clips to each side panel using (1) #10-32 button head screw and nyloc nut each. Install in shown orientation. (Fig.2)



iii) Install lower rubber mounts to rear panel using (2) 3/16" zinc washers, #8-32 x 1 1/4" Lg. screws and nyloc nuts. (Fig.3)

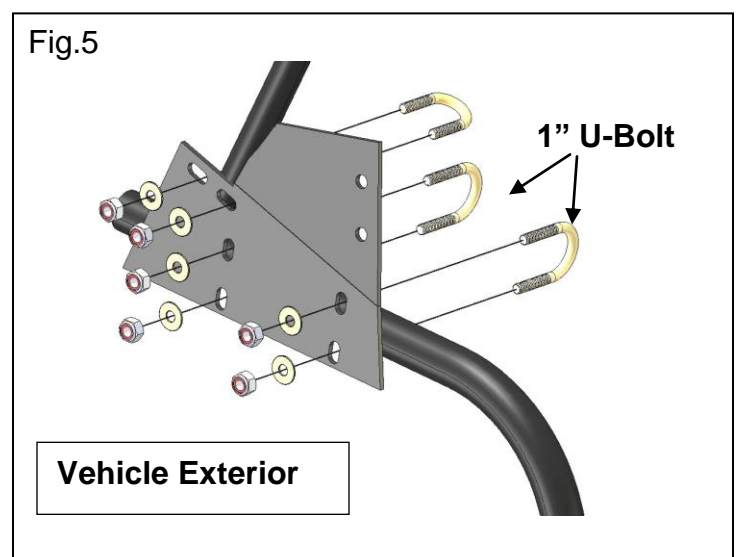


iv) Install (6) rubberized clamps as shown in approximate locations "A" without hardware. Install (2) non-rubberized clamps in locations "B" without hardware. (Fig.4)

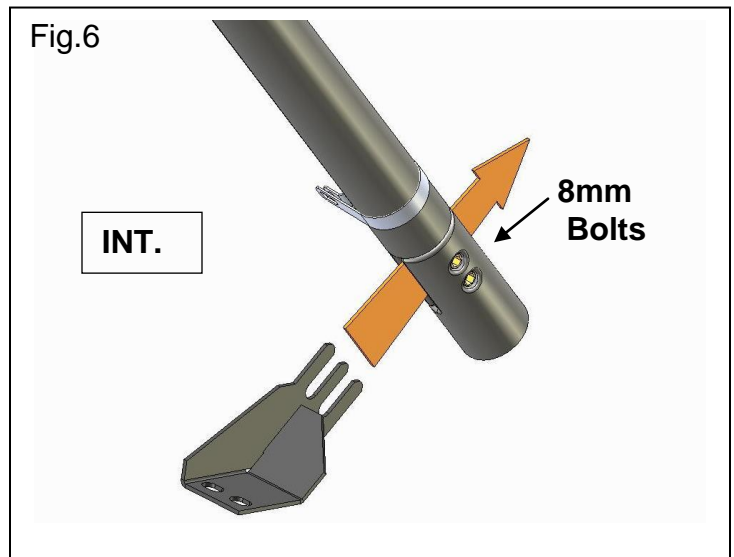


2. Installation

v) Install Latch Brackets on outside of lap bars with (2) 1" U-bolt, (1) 3/4" U-bolt, (6) 1/4" Nyloc nuts and washers per side. (Fig.5). **Ensure plate bends towards interior.**

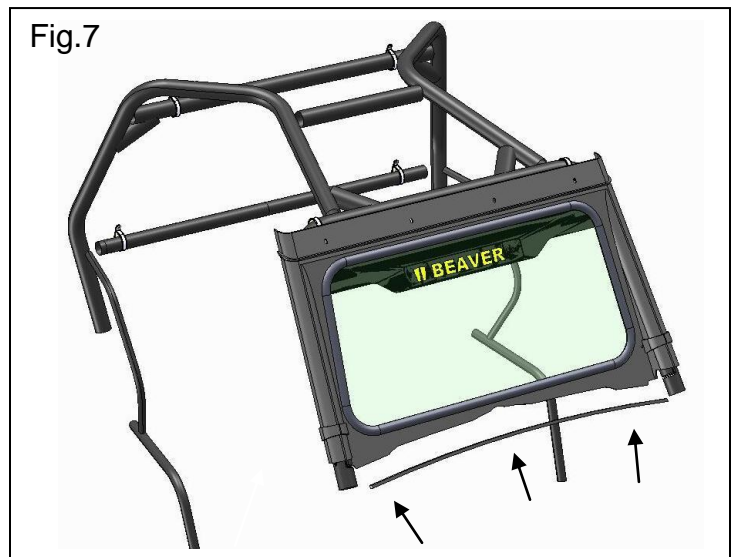


vi) Working on one side at a time, loosen 8mm allen bolts on lower front roll bar and insert Pinch Brackets. Hand tighten bolts when done as adjustments may be required in following steps. (Fig.6)

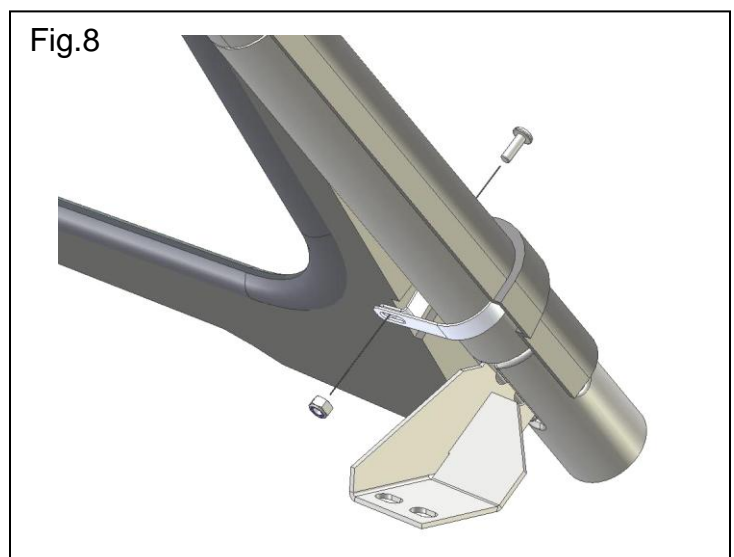


vii) Temporarily mount windshield panel onto vehicle and transfer bottom edge of panel onto hood using an erasable marker. Remove panel and adhere high density foam gasket strip onto hood using marker line as a centerline guide. (Fig.7)

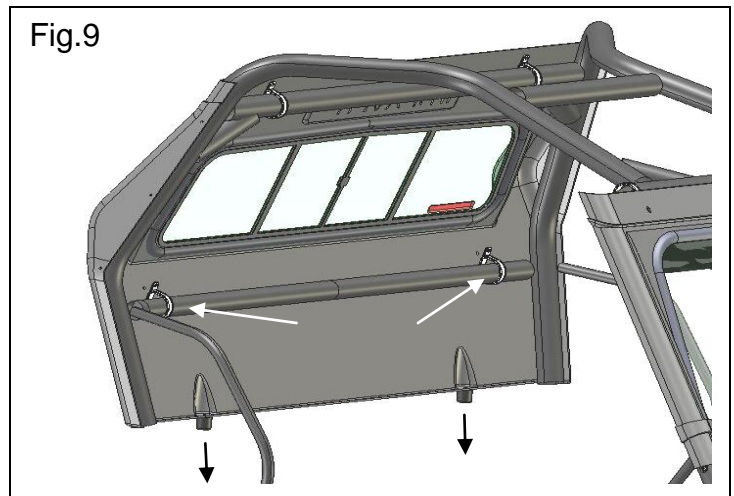
NOTE: This step is optional; if edgetrim provides a positive seal, foam gasket can be omitted.



viii) Reinstall windshield panel onto vehicle and loosely secure with (2) #10-32 x 5/8" Lg. SS screws and nyloc nuts. (Fig.8)



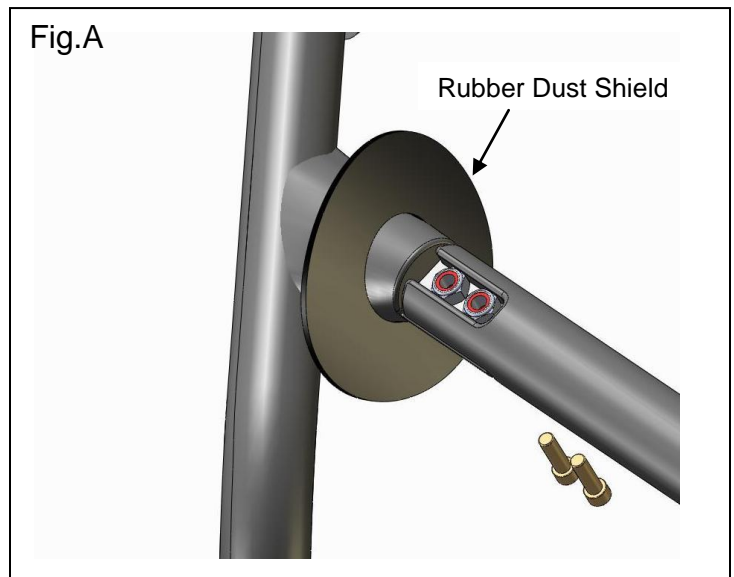
ix) Install rear panel by inserting lower rubber mounts into existing holes. Loosely secure panel with clamps from lower rollbar and (2) #10-32 x 5/8" Lg SS screws and nyloc nuts. (Fig.9)



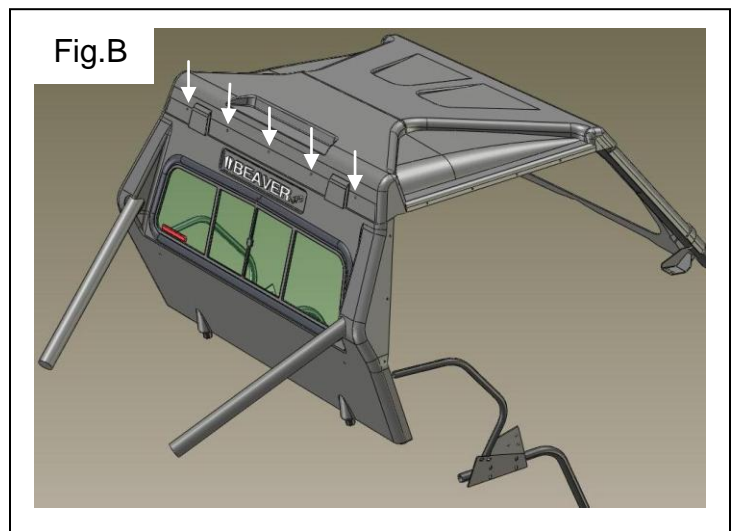
RZR-S Special Instruction

1) Install rubber dust shields (Fig.A) and mount rear panel by inserting lower rubber mounts into existing holes. Loosely secure panel with clamps from lower rollbar and (2) #10-32 x 5/8" Lg SS screws and nyloc nuts. (Fig.9)

NOTE: Coat approx. 1" wide all around roll bar hole on inside of rear panel with Contact Cement. Let dry for a minimum of 15 mins or per manufacturer's instructions. Coat outer edge on one side of rubber shields and let dry. Cover with paper until ready to mate with panel.



2) Re-install rear section roll-bar by inserting passenger side first. Compress driver side bar towards passenger side and feed through panel hole. From inside vehicle, insert and hold locknut into outer roll bar slot (Fig.A), thread bolts in. Tighten using ball-end Allen key. Install lower rear roll bar bolts as well. Note: Tape can be used to hold nuts into place prior to installing roll bar in order to facilitate process.



Regular cab instruction continue...

x) Install roof panel onto vehicle and look for contact points with roll cage; install low density foam strips on these points if desired. Ensure roof sits properly onto roll cage and rear panel. Using a 3/16" drill bit, transfer roof panel holes onto rear panel and secure with (5) #10-32 x 5/8" Lg screws, washers and nyloc nuts (Fig.10/Fig.B). Tighten clamp hardware for rear panel.

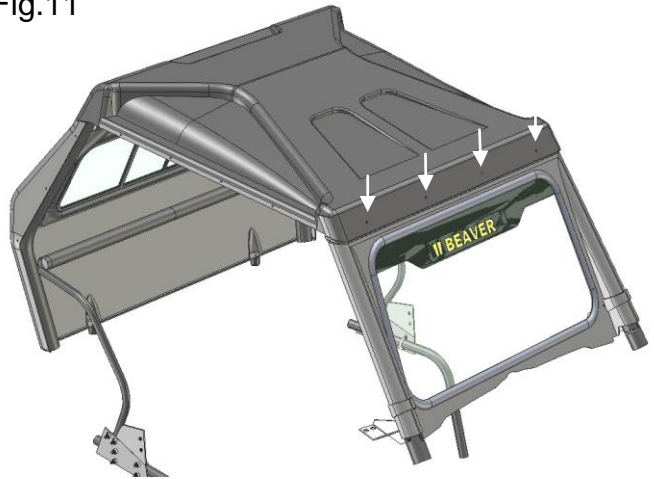
Fig.10



xi) Loosely install (4) #10-32 x 5/8" Lg. screws, nyloc nuts and washers to fasten roof and windshield panel (Fig. 11). Push front panel down firmly towards hood and tighten roof / windshield hardware.

NOTE: Keep lower clamp hardware loose at this time.

Fig.11

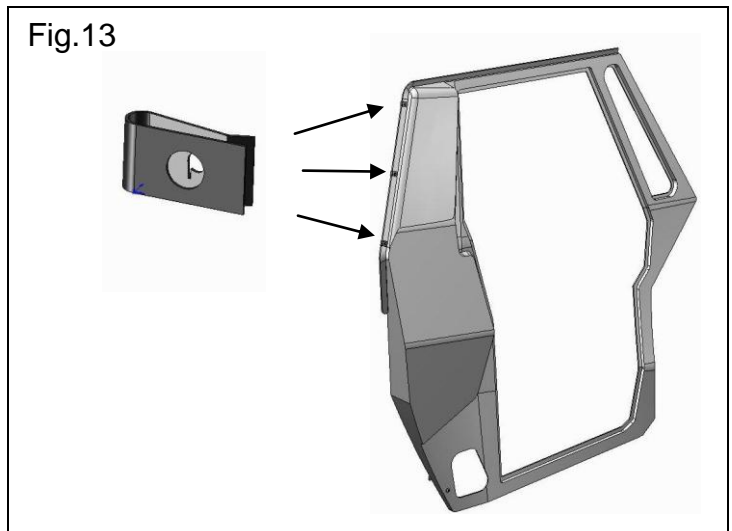


xii) Temporarily install side panels and ensure latch mount bracket does not protrude beyond inside edge of panel opening. Using 3/16" bit, transfer rear panel holes onto side panels (Fig.12) Remove panels and tighten U-bolt hardware.

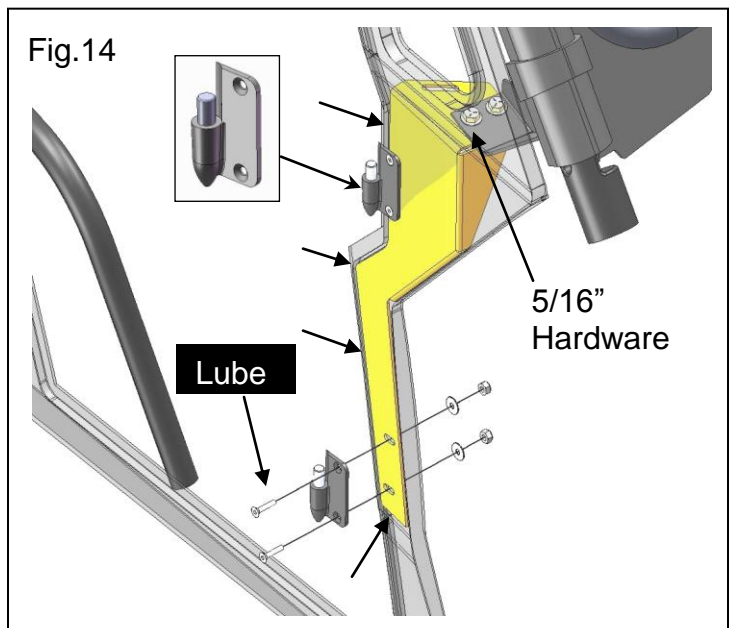
Fig.12



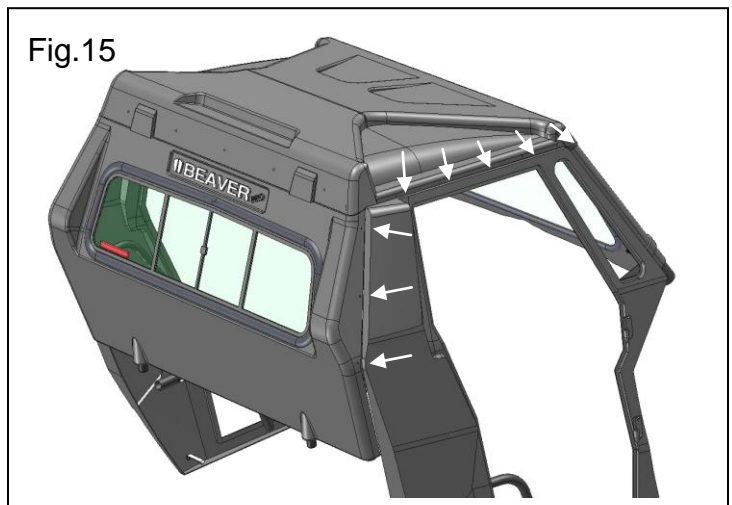
xiii) Enlarge 3/16" holes to 1/4" and install Tinnerman™ U-Clips on rear edge of both side panels (Fig.13).



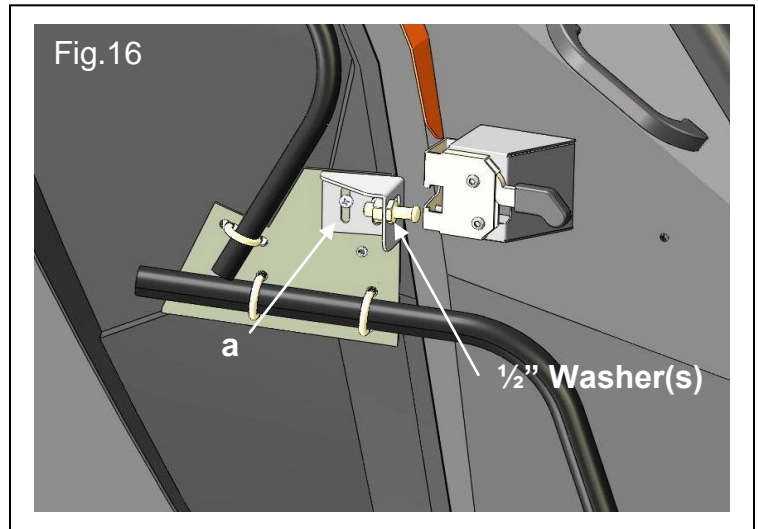
iv) Re-install side panels onto vehicle and mount forward panel brackets inside. Refer to illustration for proper hinge halves to be used. Align brackets with inside edges of panel (arrows Fig.14), hand-tighten hinge halves to doors with #10-32 x 5/8" Lg. Flat Head SS screws, washers and nyloc nuts and use #10-32 x 3/4" Lg. Flat Head SS screws for panel halves. Firmly push panel onto vehicle and use 5/16" hardware to fasten brackets to one another (Fig. 14). **Adjust alignment and tighten 8mm rollbar allen bolts (Fig.6).** Adjust windshield panel and secure lower clamp hardware. **NOTE: Lubricate hinge hardware threads.**



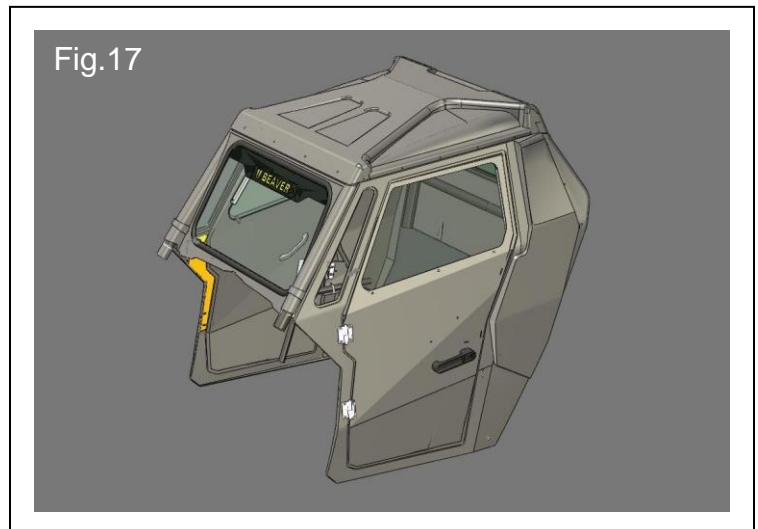
xv) Align side panels with roof panel and transfer roof holes using a 3/16" drill bit. Fasten with (5) #10-32 x 5/8" Lg. screws, washers and nyloc nuts per side. Align back panel edges and fasten with (6) #8 self tapping screws. (Fig. 15) Secure lower panel clips from Fig.3 onto RZR body. **NOTE :If upgrading from Top kit to full cab with doors see page 11 for drilling instructions.**



xvi) Loosely install Striker Mounts with (2) $\frac{1}{4}$ -20 x $\frac{1}{2}$ " Lg. screws and washers. Install striker pins. *Note: $\frac{1}{2}$ " washer(s) may be required for additional striker adjustment.* Do not tighten hardware at this point. Use $\frac{1}{8}$ " bit to transfer hole "a" to side panels. Enlarge panel hole to $\frac{3}{16}$ " and secure with (1) #10-32 x 1 $\frac{1}{4}$ " Lg. screw per side. Use Loctite 242 threadlocker or mar threads form inside once installed. (Fig. 16)

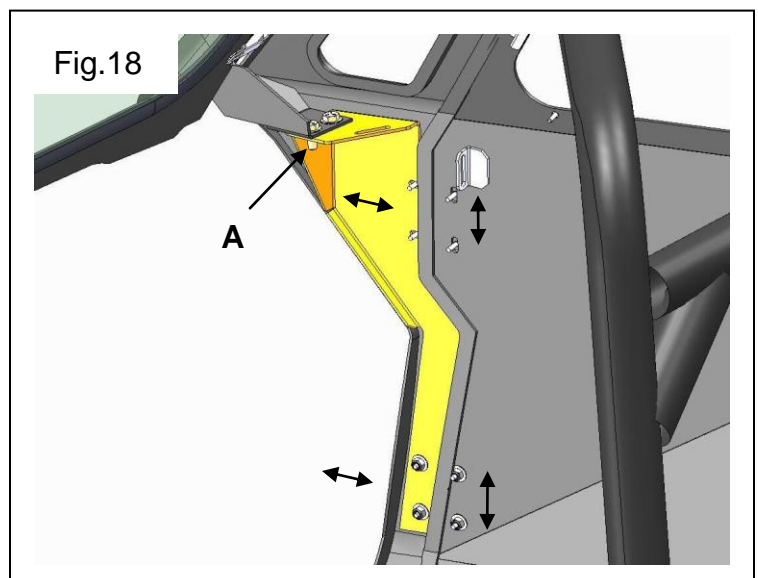


xvii) Mount remaining hinge halves onto door panels and hand tighten only. Remove door windows and install doors onto vehicle; attempt to close door. (Fig 17)



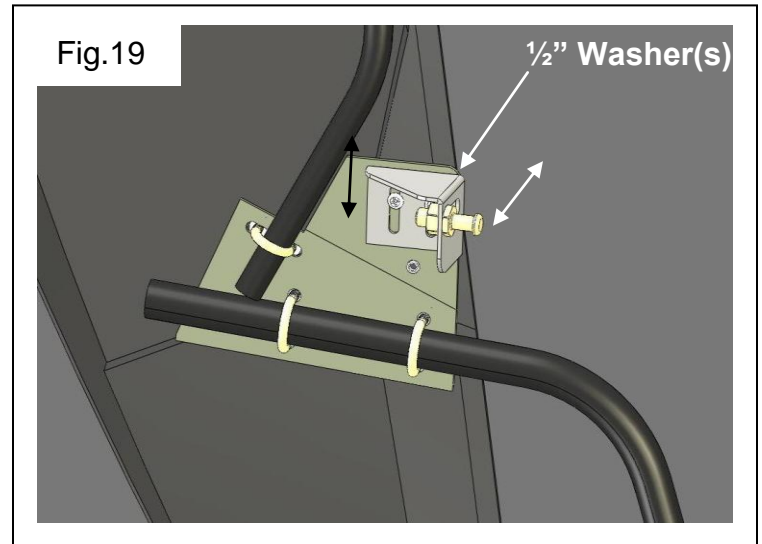
xviii) Perform necessary adjustments to hinge hardware until doors fit properly into panels. Temporarily latch doors closed and tighten all hinge hardware. (Fig.18)

NOTE: Further door adjustments can be achieved by loosening 5/16 hardware and changing bracket alignment. **A in Fig.18** (ex: Moving bracket FWD will raise rear upper door corner).



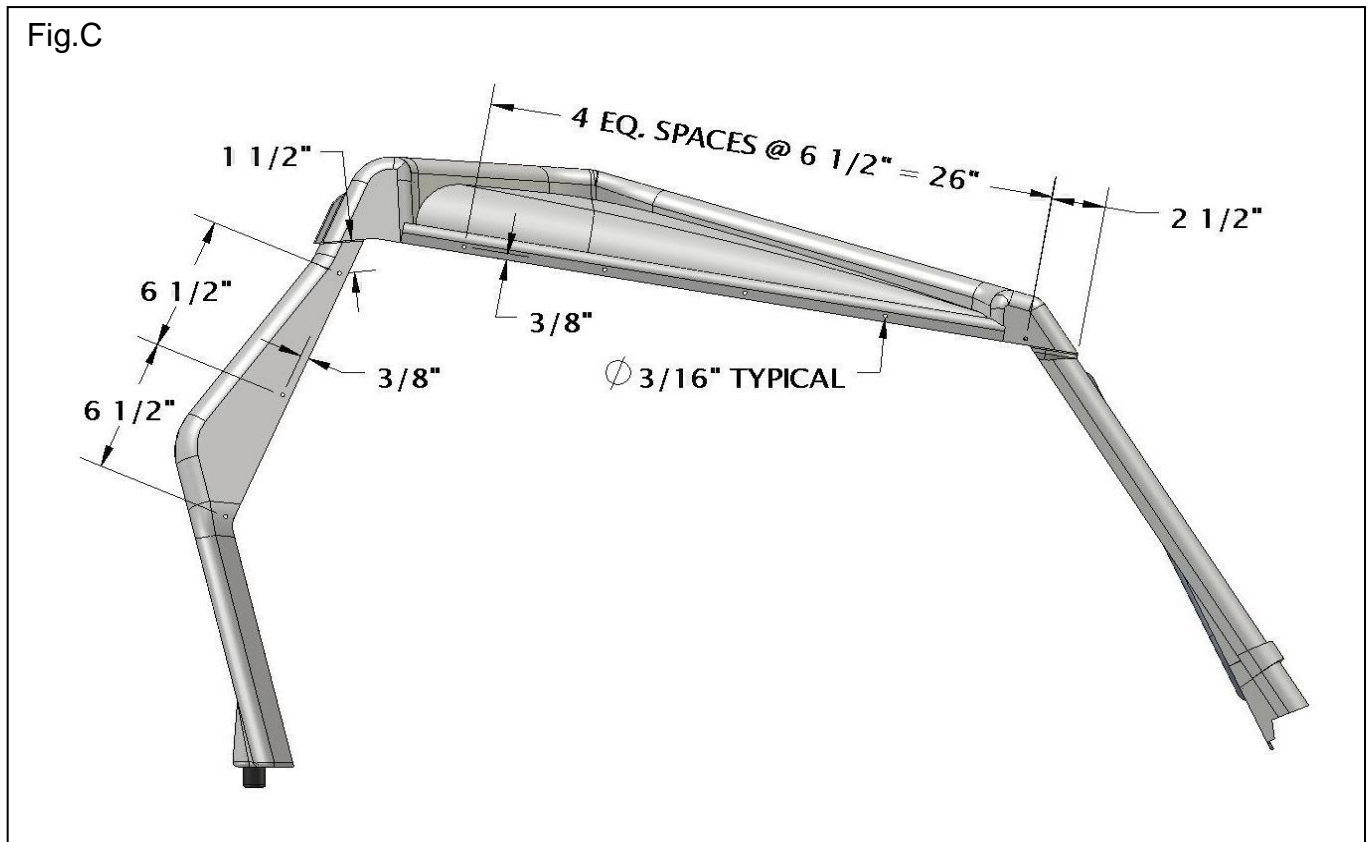
xix) Adjust door striker mounts and striker pins until doors open and close properly. Doors may also need adjustment per Fig.18. Use 1/2" washer(s) to further adjust striker bolt if needed.

xx) Reinstall OEM clips through side panel holes. (See Fig.1)



Side panel/Door upgrade preparation

1) Holes need to be added to your existing roof and back panels. Use a 3/16" drill bit and locate holes on both sides of the vehicle per Fig.C.



Additional Notes:

- a)** To install half doors, follow steps 16 thru 18.
- b)** To remove windows, unscrew (3) bottom knobs, pull window away from door and down.
- c)** Wash enclosure as you would any other vehicle.

To order replacement parts, contact the Parts Department at:

LB Manufacturing Inc.
247 Arsenault Road,
Dieppe, N.B. Canada
E1A 7J5
Ph: (506) 388-9334 Fax (506) 388-3325
www.defendercab.com
parts@defendercab.com

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