



Installation Instructions

Thank you for purchasing a UTV enclosure manufactured in the USA with pride by 3SI UTV. Your enclosure is made of heavy duty fabric that is water repellent and resistant to mildew, ultra-violet rays and abrasion. With proper installation and care you can expect many years of service from your 3SI UTV enclosure.

SOME IMPORTANT NOTES BEFORE GETTING STARTED....

- The enclosure attaches to your UTV's cab frame with Velcro. The technical term for Velcro is hook and loop. Loop is the soft side and hook, the rough side. Loop has been sewn into the enclosure at various points. Adhesive hook has been supplied to attach to your cab frame, corresponding to the sewn-in loop. If you struggle with placement of the adhesive hook, with the enclosure held to the cab frame, note the locations of the sewn-in loop. The adhesive hook is attached to the cab frame at those locations.
- The adhesive hook should be applied at a temperature of 60 degrees or above. **For maximum adhesion, when the adhesive hook is in place, allow the adhesive to cure for 24 hours before attaching the loop to the hook.**
- Clean the surfaces the adhesive hook will be attached to before beginning installation. A light cleaning with mild soap and water is best. A little Windex works great. Do NOT wax or clean with a compound that leaves the frame slick. The adhesive hook will not stick to a slick surface. Again, a light cleaning is best.
- Your enclosure is not a "one size fits all" product. The enclosure was designed and manufactured specifically for your model UTV. As a result, the enclosure should fit square and snug to the cab frame.
- Periodic cleaning of your enclosure with mild soap and water is recommended to minimize accumulations of dirt.
- Clean the vinyl windows with mild soap, water, and a soft cloth to avoid scratches. DO NOT USE ANY DETERGENTS, WINDOW CLEANERS, SOLVENTS OR CHEMICALS TO CLEAN VINYL WINDOWS.
- Clean your enclosure and allow it to dry before removing for storage. **Never fold your enclosure to store.** Roll the enclosure to avoid creasing the vinyl windows. Creases in the vinyl windows cannot be removed. **CREASING THE VINYL WINDOWS VOIDS ALL WARRANTIES AND GUARANTEES.**
- The only enclosures manufactured by 3SI UTV that can be hauled when installed are Lexan windshields, full cab enclosures, and door/rear window combos with top and windshield installed. However, the enclosures should be tied down before hauling. Speed should not exceed 55 mph while hauling to prevent ripping and shredding of the material and zippers. REMOVE ALL OTHER ENCLOSURES BEFORE HAULING.

PLEASE READ AND FOLLOW THE DETAILED INSTRUCTIONS THAT ARE ATTACHED.



Polaris Ranger Crew 2009 Full Cab For Hard Windshield Installation Instructions

You have just purchased the best Enclosure for your Utility Terrain Vehicle available on the market today. Your Enclosure is made of Heavy Duty Fabric that is Water Repellent and resistant to Mildew, Ultra-Violet Sun Rays and Abrasion. With proper installation and care you can expect many years of long lasting fit, color and service life from your **3SI UTV Cab Enclosure**.

Step 1: Remove your 3SI UTV Full Cab Enclosure and Velcro kit from the shipping box.

Contents: 1 – Polaris Ranger Crew Full Cab Enclosure: 4 Panels included – 1 Top Cap, 2 Side Door panels and 1 Rear Panel (This Enclosure is for use with a Polycarbonate Windshield)

1 – 60” Velcro Strip: Apply to Front Side of Lexan Windshield

1 – 59” Velcro Strip: Rear of Cab Frame Bottom

2 – 24” Velcro Strips: Front Windshield uprights - upper

2 – 12” Velcro Strips: Front Windshield uprights – lower

2 - 8” Velcro Strips: Rear Roll Bar Uprights - center

4 – 6” Velcro Strips: 2 Center Roll Bar uprights - upper, 2 Rear Roll Bar post Uprights -upper

2 – 6” (1” wide) Velcro Strips: Center Roll Bar Uprights – bottom

2 – 19 ” Velcro Strips: Dash Cowl side panel – lower

2 - 4” Velcro Strips: Dash Cowl side panel – Bottom along Rocker Panel

2 – 19.5” Velcro Strips: Rear Door Side Panel - upper

2 – 15” Velcro Strips: Side Rocker Panel between Front and Rear Door

Note: before applying adhesive Velcro Strips to your vehicle, surfaces should be free of dust, dirt and oil. Clean vehicle surfaces with water or Windex only. Do not use solvents to prepare your vehicle surfaces for Velcro application.

Step 2: Remove the clear plastic backing from the 59" Velcro strip and install along the bottom of the Rear Cab Frame as shown in figure 2.1



Figure 2.1 - attach 59" Velcro strip to Rear Cab Frame facing toward the rear of the vehicle

Step 3: Remove the clear plastic backing from the 8" Velcro strips and install vertically on the center of the Rear Roll Bar Uprights 17" above the bottom of the Roll Bar as shown in figure 3.1. Note Velcro Strips should face away from the center of the cab.



Figure 3.1 attach 8" Velcro strips vertically on the Rear Roll Bar uprights

Step 4: Remove the clear plastic backing from the 6" Velcro strips and install horizontally around the Center Roll Bar Uprights and Rear Roll Bar Uprights as shown in figure 4.1 and figure 4.2 Note Velcro Strip seams should face the center of the cab



Figure 4.1 - install 6" Velcro Strips horizontally around Center Roll Bar uprights



Figure 4.2 – install 6" Velcro strips horizontally around Rear Roll Bar Uprights

Step 5: Remove the clear plastic backing from the **6" (1" wide) Velcro strips** and install horizontally around the **Center Roll Bar Uprights** at the bottom of the upright just above the bolt as shown in figure 5.1. Note Velcro Strip seams should face the center of the cab



Figure 5.1 - install 6" (1" wide) Velcro strips horizontally around the bottom of the Center Roll Bar Uprights

Step 6: Remove the clear plastic backing from the **24" Velcro strips** and install vertically along the upper section of the **Front Windshield Roll Bar uprights** and the **12" Velcro strips** along the lower section of the Front Windshield Roll Bar uprights as shown in figure 6.1 and figure 6.2. Velcro Strips should be applied to the inside edge of the Windshield Roll Bar upright. Note: Velcro strips will have to be cut so they fit between Lexan Windshield Clamps that go around the front Windshield Roll Bar Uprights.

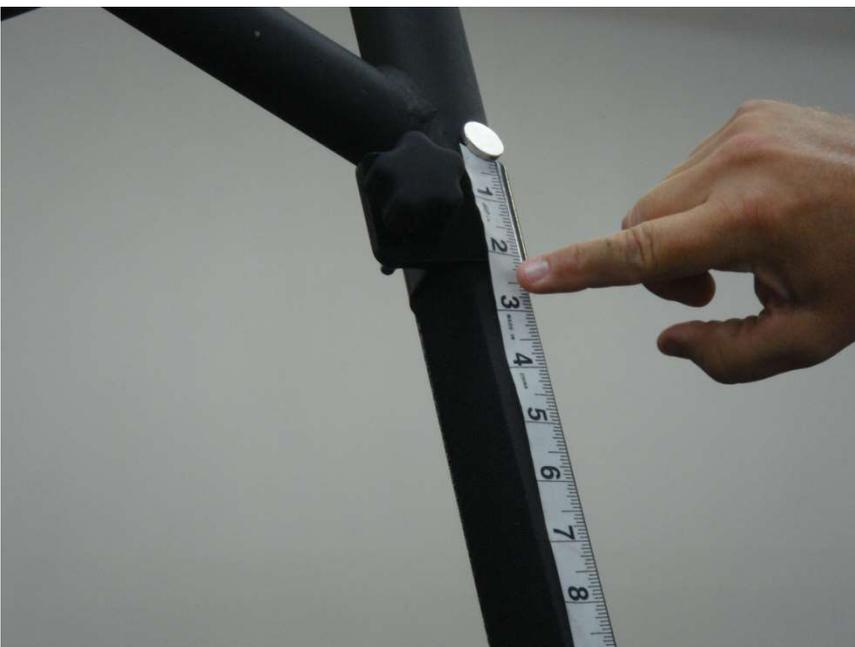


Figure 6.1 - install 24 " Velcro strips along the inside edge of the front windshield Roll Bar upright upper section



Figure 6.2 - install 12" Velcro strips along the inside edge of the front windshield Roll Bar upright lower section

Step 7: Remove the clear plastic backing from the 19" Velcro strips and adhere to the lower section of the Dash Cowl Side Panel vertically and adhere the 4" Velcro strips horizontally just below along the Rocker Panel as shown in figure 7.1.



Figure 7.1 – attach 19" Velcro strips Vertically to the lower section of the Dash Cowl side panel and 4" strips horizontally at the bottom

Step 8: Remove the clear plastic backing from the **19.5" Velcro strips** and adhere to the upper and lower section of the **Rear Door Side Panel** vertically and horizontally as shown in figure 8.1. **Note:** you will need to split the Velcro strips to fit in the troughs and fit the shape of the molded Rear Door Side Panel.



Figure 8.1 - Install 19.5" and 10" Velcro Strips on the Rear Door Side Panel

Step 9: Remove the clear plastic backing from the **15" Velcro strips** and adhere horizontally to the side **Rocker Panel** between the **Front and Rear Door** as shown in figure 9.1.



Figure 9.1 - attach 15" Velcro Strips to side Rocker Panels between the Front and Rear Doors

Step 10: Place Enclosure Top Cap on top of vehicle Roll Bar Cage making sure that seams are aligned with the center of the Top Side Roll Bars. The Top Cap should be oriented so that the front windshield Roll Bar Velcro Tab sections face the front of the vehicle. Keeping the Seams aligned with the Roll Bars pull the Rear Corners and Sides of the Top Cap downward and attach the Enclosure Upper Center Roll Bar Velcro tabs and Upper Rear Roll Bar tabs to the installed Velcro Strips as shown in figure 10.1



Figure 10.1 - attach Top Cap Center and Rear upper Velcro tabs to installed 6" Velcro Strips

Step 11: Zip the Rear Panel onto the rear of the Top Cap panel as shown in figure 11.1 and begin attaching the Enclosure by first squaring the back of the Enclosure to the Rear of the Cab frame and attaching the bottom Velcro tab to the installed 59" Velcro strip as shown in figure 11.2. Attach the 8" Rear Roll Bar Panel Upright tabs to the installed Rear Roll Bar Velcro strips by pulling upward and outward on the tabs as shown in figure 11.3.



Figure 11.1 - attach Rear Panel onto Top Cap panel by Zipping the panels together



Figure 11.2 – Square Enclosure to Rear of Cab Frame and press Enclosure Velcro Tab onto 59” installed Velcro Strip



Figure 11.3 – attach 8” Rear Panel Roll Bar upright tabs to installed Velcro Strips

Step 12: Pull the two front sections of the Top Cap (each side of the front windshield) downward toward the front of the vehicle and temporarily attach the Enclosure Velcro Tabs to the installed 24” and 12” Velcro strips. This should stretch the Top Cap appropriately and allow you to know where each Windshield Clamp will be positioned against the Enclosure Windshield Velcro Tabs.

Step 13: Refer to your Polycarbonate Windshield Kit Installation Instructions enclosed with your shipment and mount your Bushwacker Polycarbonate Windshield onto your vehicle. **DO NOT FULLY TIGHTEN THE QUICK CONNECT CLAMP KNOBS AT THIS TIME AS YOU WILL NEED TO PUT THE VELCRO TABS UNDERNEATH THE WINDSHIELD TO ATTACH TO THE VELCRO STRIPS LATER TO COMPLETE YOUR ENCLOSURE INSTALLATION.**

Step 14: At this point you can mark the position of each clamp on the 24" and 12" Enclosure front Windshield Velcro Tabs. Using sharp scissors will need to cut out the front Windshield Velcro Tabs at each Quick Connect Clamp Location as shown in figure 14.1 and figure 14.2. **DO NOT CUT STITCHES ATTACHING VELCRO TAB BINDING TO THE ENCLOSURE CANVAS MATERIAL.** You will need to melt the frayed ends of the Velcro Tabs after cutting to prevent continued fraying as shown in figure 14.3.

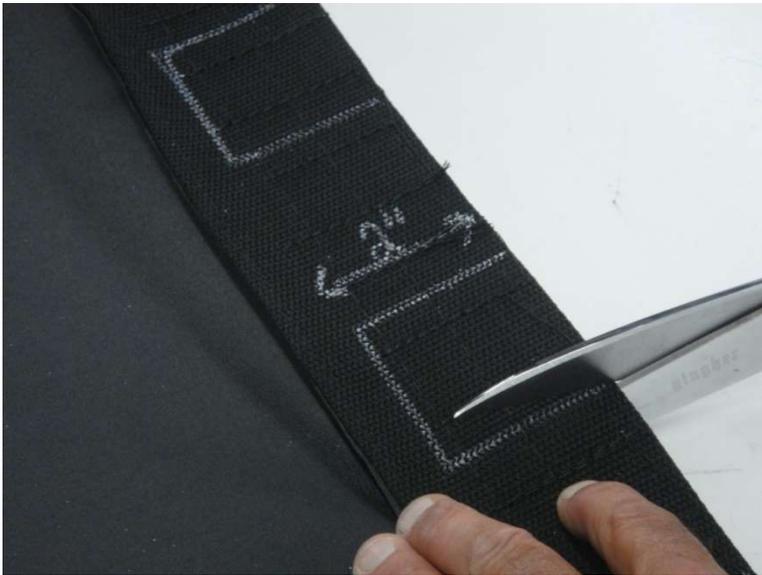


Figure 14.1 - Cut out Velcro Tab Binding at each Clamp Location



Figure 14.2 - DO NOT CUT VELCRO TAB BINDING STITCHES ATTACHING BINDING TO THE ENCLOSURE – stay back at least ½" from Stitching while Cutting



Figure 14.3 - With a lighter briefly melt the frayed ends of the fabric to prevent future fraying of the material

Step 15: Using a thin piece of plastic sheet or piece of thick paper inserted between the Velcro Tab and the installed windshield Velcro strips insert each Tab under the Windshield and around the Roll Bar Velcro strip until the Enclosure Binding pulls tight against the Polycarbonate Windshield edges; then remove the plastic sheet / paper. This will allow you to have a complete attachment of your front Windshield Velcro Tabs to Roll Bar Velcro strips as shown in figure 15.1



Figure 15.1 - Attach front Windshield Velcro Tabs to installed Velcro strips – Enclosure binding should fit tight against the windshield edge

Step 16: Before Installing the 60" Polycarbonate Windshield Velcro Strip pull the front of the Enclosure down tightly over the Windshield and mark the leading edge; the Velcro strip should be applied $\frac{1}{4}$ " under the leading edge of the Enclosure on the Windshield as shown in figure 16.2; this should locate the Velcro Strip approximately 1.5" below the top Windshield flap bend as shown in figure 16.1.



Figure 16.1 - Install the 60" Polycarbonate Windshield Velcro Strip below the Top Windshield Flap Bend



Figure 16.2 - Leading Windshield edge of enclosure should extend $\frac{1}{4}$ " over the installed Windshield Velcro Strip so it is completely hidden.

Step 17: Tighten the Windshield Quick Connect Knobs so that the Polycarbonate Windshield is held tight against the Roll Bar uprights as shown in figure 17.1. **DO NOT OVER TIGHTEN QUICK CONNECT KNOBS**



Figure 17.1 - Tighten Windshield Quick Connect Knobs

Step 18: Repeat Steps 10, 11, 14, 15.2 and 16 until the Top Cap, Rear Panel and Polycarbonate Windshield fit snugly to the Vehicle Roll Bar structure as shown in figure 18.1 and figure 18.2



Figure 18.1 - Top Cap should fit snugly along the vehicle Top Roll Bar Structure



Figure 18.2 – Rear Panel should fit tightly across the back of the vehicle

Step 19: Zip the Side Door Panels onto the Top Cap and Rear Panel as shown in figure 19.1 and figure 19.2.



Figure 19.1 - Attach Side Door Panels by zipping them to the Top Cap



Figure 19.2 - attach Side Door Panels by Zipping them to the Rear Panel

Step 20: Attach remaining side Door Velcro tabs to installed Velcro strips at the following areas by pressing the Door Velcro Tab to the installed Velcro strips as represented in figure 20.1: Note: lower door enclosure magnets will self attach once the Doors are aligned to Velcro strips.

6" (1"wide) Center Roll Bar Uprights – Bottom

19" Dash Cowl Side Panels

4" Dash Cowl Rocker Panels

19.5" Rear Door Side Panels

15" Side Rocker Panels (between Front and Rear Door)



Figure 20.1 - Press Side Door Velcro Tabs onto installed Side Door Velcro Strips

Step 21: Repeat Steps as necessary until the Enclosure fits snug as shown in figure 21.1.



Figure 21.1 - Enclosure and Polycarbonate should fit as shown

See enclosed Product Care sheet for instructions on how to properly care for your 3SI UTV Enclosure.



Care Instructions

Heavy Duty Marine and Mil-Spec Military Fabric Cleaning

All 3SI UTV Enclosure Heavy Duty Marine and Military Camo fabrics are guaranteed against excessive loss of color or strength under normal exposure and use conditions. Periodic cleaning with a solution of 4 ounces of bleach and 2 ounces of soap (NOT DETERGENTS) in one gallon of water is recommended to minimize accumulations of dirt, bird droppings and other contaminants which can support surface mildew and stain fabric.

Soft Vinyl Window Cleaning

3SI UTV Enclosure Vinyl Windows will remain clear and provide great visibility under normal exposure conditions if properly cleaned. Periodic cleaning with a solution of 1 ounce of soap in one gallon of water is all that is needed to maintain good window cleanliness and visibility. Caution: DO NOT USE ANY DETERGENTS, WINDOW CLEANERS, SOLVENTS or CHEMICALS OF ANY KIND TO CLEAN VINYL WINDOWS AS THESE WILL CLOUD THE WINDOWS. ALSO, NEVER RUB WINDOWS WITH A DRY CLOTH OR RAG.

Storage Recommendations

Before removing the 3SI UTV Enclosure from your vehicle for storage, clean the Fabric and Vinyl Windows thoroughly as indicated above. Any dirt remaining on the Enclosure may scratch Vinyl Windows while in storage. Once the Enclosure has been cleaned it should be placed on a large flat surface. Lay the Enclosure out so that Vinyl Windows are in a flat position. Fold the doors over the rear panel first then fold the top and windshield on top of the doors keeping the Vinyl Windows flat. Caution: **FOLDING VINYL WINDOWS WILL CAUSE PERMANENT CREASE DAMAGE AND WILL VOID ALL WARRANTIES.** Once the Enclosure is folded keeping all Vinyl Windows flat, begin rolling the Enclosure into an 8" roll. Place the 8" roll into a box and store at normal room temperature. To ensure long life of your enclosure it is best not to store in extreme temperatures.

Hauling

The ONLY products manufactured by 3SI UTV that can be hauled while installed are the hard windshields, full cab enclosures, and door/rear window combos with top and windshield installed. **However, the full cab enclosures and door/rear window combos should be tied down before hauling.** Speed should not exceed 55 mph while hauling to prevent ripping and shredding of the material and zippers. NEVER HAUL INSTALLED SOFT TOPS, WINDSHIELD TOP COMBOS, AND SUMMER CABS. **REMOVE BEFORE HAULING.**