



## YAMAHA WOLVERINE

### 1-piece Polycarbonate Back Panel Installation

You have just purchased the best Polycarbonate Back Panel for your Utility Terrain Vehicle available on the market today. Your back panel is made of 1/4" gauge polycarbonate (Lexan) that is virtually unbreakable. With proper installation and care you can expect many years of service life from your **3SI UTV Polycarbonate Windshield**.

**Step 1:** Remove your 3SI UTV Polycarbonate windshield kit from the shipping box. **DO NOT REMOVE PROTECTIVE PLASTIC PAPER FROM THE WINDSHIELD AT THIS TIME. THIS SHOULD BE YOUR LAST INSTALLATION STEP.**

Contents: 1 - Polycarbonate Back Panel

1 - Polycarbonate Anchor Strip

1 - Canvas Lower Back Panel

1 - Adhesive Hook Kit

6 – 12" Quick Attach Straps made of hook (rough side of Velcro) and loop (soft side of Velcro)

5 – 1-1/2" Bolts, Small Washers, Lock Nuts, Thumb Screws and Neoprene Washers

**Note:** *You may need assistance to hold the Windshield in place while hardware is being fastened.*

**Step 2:** The canvas lower back panel should be secured to the polycarbonate back panel first. The canvas lower back panel is held in place with hook and loop (aka Velcro), a polycarbonate anchor strip, and bolts. Loop has been sewn into the canvas lower back panel. Attach the adhesive hook as described in the table shown below and the following picture.

Reference	Qty/Size	Placement
A	1 – 52"	Attach along the polycarbonate anchor strip.
B	2 – 6"	Attach around bottom of roll bar behind seats.
C	1 – 6"	Attach around middle of cross bar between the seats.



**Step 3:** After the velcro is attached to the polycarbonate anchor strip, holes will need to be cut to match the holes in the anchor strip. The canvas lower back panel will then velcro to the anchor strip so that the holes line up. The polycarbonate anchor strip is then attached to the inside of the polycarbonate back panel and secured with the included bolts and hardware.

**Step 4:** Pull the protective plastic paper away from the strap slots on each side of the back panel. Place the back panel on the roll bars. Align the back panel section so that the edges of the back panel align with the center of the roll bars.



**Step 5:** On each side of the back panel, feed a Quick Attach Strap into the slot in the windshield from the outside. Please note, the “Velcro” side of the strap should face inward. Wrap the strap around the roll bar and feed it through the buckle. Pull the strap tight and adhere the hook end of the strap to the loop strap.

**Step 6:** Adjust the straps as needed to align the panel.

**Step 7:** Wrap the sewn-in velcro on the bottom corners of the canvas lower back panel around the velcro strips.



**Step 8:** Wrap the sewn-in velcro in the middle of the canvas lower back panel around the bar between the seats.



**Step 6:** Remove protective plastic paper from each side of your back panel.

**SEE THE ATTACHED CARE INSTRUCTIONS.**



Periodic cleaning using correct procedures can help to prolong service life. For care and cleaning, it is recommended that the following instructions be adhered to:

## Lexan Cleaning Recommendations

- Gently wash Lexan with a solution of mild soap and lukewarm water, using a soft, grid-free cloth or sponge to loosen any dirt or grime.
- Fresh paint splashes, grease and smeared glazing compounds can be removed easily before drying by rubbing lightly with a soft cloth using petroleum ether (BP65), hexane or heptanes. Afterwards, wash the sheet using mild soap and lukewarm water.
- Scratches and minor abrasions can be minimized by using a mild automobile polish. We suggest that a test be made on a small area of the Lexan sheet with the polish selected and that the polish manufacturer's instructions be followed, prior to using the polish on the entire sheet.
- Finally, thoroughly rinse with clean water to remove any cleaner residue and dry the surface with a soft cloth to prevent water spotting.

## Important Instructions

- Never use abrasive or highly alkaline cleaner on Lexan polycarbonate materials.
- Never use aromatic or halogenated solvents like toluene, benzene, gasoline, acetone or carbon tetrachloride on Lexan polycarbonate materials.
- Use of incompatible cleaning materials with Lexan sheet can cause structural and/or surface damage.
- Contact with harsh solvents such as methyl ethyl ketone (MEK) or hydrochloric acid can result in surface degradation and possible crazing of Lexan sheet.
- Never scrub with brushes, steel wool or other abrasive materials.
- Never use squeegees, razorblades or other sharp instruments to remove deposits or spots.
- Do not clean Lexan polycarbonate in direct sunlight or at high temperatures as this can lead to staining.
- For all mentioned chemicals consult the manufacturer's material safety datasheet (MSDS) for proper safety precautions.