

# 3 STAR INDUSTRIES

## Polaris RZR Polycarbonate Rear Panel Installation

You have just purchased a premium polycarbonate back panel for your Utility Terrain Vehicle. Your back panel is made of ¼" polycarbonate (Lexan) that is almost unbreakable. With proper installation and care you can expect many years of service life from your **3SI UTV Back Panel**.

**Step 1:** Remove your 3SI UTV Back Panel and hardware kit from the shipping box. **DO NOT REMOVE PROTECTIVE PLASTIC PAPER FROM THE BACK PANEL AT THIS TIME. THIS SHOULD BE YOUR LAST INSTALLATION STEP.**

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QUANTITY	SIZE	DESCRIPTION/PLACEMENT
1		POLYCARBONATE BACK PANEL
6	1 ¾"	LOOP CLAMPS, 1-1/2" BOLTS, SMALL WASHERS, LOCK NUTS, THUMB SCREWS AND NEOPRENE WASHERS
1	10"	QUICK ATTACH STRAP



Loop Clamp Placement

**Step 2:** Peel back the protective paper from each side of the polycarbonate panel just enough to access the clamp holes.

**Step 3:** Wrap the 1 3/4" loop clamps around the roll bar in the positions show on the picture. The flat side of the loop clamps should face the back panel.

**Step 4:** Prepare hardware for each of the loop clamps. Insert a neoprene washer onto the hex head bolts. When installed, the bolts with neoprene washer will go thru the pre-routed holes in the windshield and into the clamps. The clamps will be tightened with a flat washer and lock nut.

**Step 5:** Assistance may be needed to hold the back panel in place to complete installation. Hold the back panel to the rear cab frame. Match the bends in the back panel to the contour of the rear roll bars.

**Step 6:** On each side, slide a loop clamp in place corresponding to the clamp holes in the back panel. Insert the hex head bolt with neoprene washer thru the clamp hole and into the clamp. Insert a washer onto the bolt. Attach the lock nut to the bolt tight enough to hold into place. DO NOT FULLY TIGHTEN AT THIS TIME.

**Step 7:** Repeat Step 7 for each clamp.



Velcro Strap Placement

**Step 8:** Feed a strap into the top slot hole from the inside of the vehicle. The strap should be inserted with the loop side of the velcro facing up. Feed the strap through the bottom slot hole. Wrap the strap around the roll bar and feed the strap through the buckle. Reverse the direction of the strap after going thru the buckle. Pull the strap tight and adhere the hook end of the strap to the loop strap.

**Step 9:** With the back panel in place, tighten each of the lock nuts.



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.