



## YAMAHA RHINO

### 2-piece Polycarbonate Windshield Kit Installation

You have just purchased the best Polycarbonate Windshield for your Utility Terrain Vehicle available on the market today. Your Windshield is made of ¼" 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: Polycarbonate Windshield

6 –1-3/4" Loop Clamps, 1-1/2" Bolts, Small Washers, Lock Nuts, Thumb Screws and Neoprene Washers

**Note:** *Remove any existing front Roll Bar hardware from your vehicle that will interfere with the installation of your new 3SI UTV Polycarbonate Windshield. You may need someone to help hold the Windshield in place while hardware is being fastened.*

**Step 2:** To mount the bottom windshield section, open a clamp and wrap around each of the front roll bars. The flat side of the loop clamps should face forward with the bolt hole openings on the inside of the roll bars. Depending on your windshield's design, the bottom windshield section may require 2 clamps on each side.

**Step 3:** Place the bottom windshield section on the roll bars. Align the windshield section so that the edges of the windshield align with the center of the roll bars as shown in the next picture. The flexible bubble on the bottom of the windshield should rest against the hood but should not be flattened entirely. Reposition the clamps as needed to align with the holes in the windshield. Place a neoprene washer over a hex head bolt. Place the bolt thru the windshield and into the clamp. Insert a flat washer and nut onto the bolt and tighten to hold in place. Do not fully tighten at this time. Repeat for the other side of the windshield. If the bottom section requires 2 clamps for each side, repeat for each clamp.



**Step 4:** When satisfied that the bottom windshield section is positioned properly, tighten the nuts on each clamp.



**Step 5:** To mount the upper windshield section, open 2 clamps and wrap around each of the front roll bars.

**Step 6:** Place the upper windshield section on the roll bars. The upper section should rest on the lower section as shown in the picture on the previous page. Install the clamps as indicated in step 3.

**Step 7:** When satisfied that the upper windshield section is positioned properly, tighten the nuts on each clamp.

**Step 8:** Remove protective plastic paper from each side of your windshield.



**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.