



## Arctic Cat XX

### 1-PC WINDSHIELD

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 Lexan that is almost 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 Windshield

4 – 1-3/4" Quick Connect Clamps and Neoprene Washers

2 – 10" STRAPS

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

***Before Installing your 3SI UTV Polycarbonate Windshield Kit you will need to Install your 3SI UTV Full Cab Enclosure, Windshield Top Enclosure or Door / Rear Window Enclosure as the front Windshield Enclosure tabs go under the Polycarbonate Windshield.***

**Step 2:** Place the Polycarbonate Windshield on the front of the Vehicle windshield Roll Bar Uprights so that the edges of the Windshield align with the center of the Roll Bar posts as shown in figure 2.1. Attach the Velcro straps by inserting the end of the strap fuzzy Velcro facing downward, through the outside of the windshield, wrap it around the roll bar and pull the end of the strap through the clip then attach the hook to the loop.



Figure 2.1 - Center Windshield between roll bar so that edges are in the center of the front Roll Bar posts



**Step 3:** Let your assistant hold the windshield slightly away from the front roll bar uprights. Place each clamp on the roll bar corresponding to the oval holes in the windshield with the flat side of the clamps facing the windshield as shown below. Tighten the back side nuts on the clamps to hold in place. **DO NOT FULLY TIGHTEN AT THE THIS TIME.** After all clamps are on the windshield, reposition the clamps as needed to correspond to the oval holes in the windshield. Insert the Quick Connect Knobs with the supplied neoprene washers through the windshield holes and screw into the clamp just enough to hold the windshield in place. The neoprene washers go between the knobs and the windshield. **AGAIN, DO NOT FULLY TIGHTEN THE KNOB BOLTS AT THIS TIME.**



Figure 3.1

**Step 4:** If necessary, reposition the clamps to allow the windshield to sit flush on the clamps. **NEVER USE THE KNOB BOLTS TO PULL THE CLAMPS TO THE WINDSHIELD.**

**Step 5:** With the windshield aligned as indicated in step #2, tighten the clamps nuts and knob bolts. **DO NOT OVER TIGHTEN.**

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

**DO NOT WIPE DRY DIRT OR MUD FROM THE WINDSHIELD. HOSE OFF BEFORE CLEANING.**

**CLEAN YOUR LEXAN WINDSHIELD ONLY WITH MILD NON-DETERGENT SOAP, WATER AND A SOFT RAG.**

**PLEASE REVIEW 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.