

# 3 STAR INDUSTRIES

## John Deere Gator 835 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  $\frac{1}{4}$ " gauge polycarbonate (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 – John Deere Gator 835 Polycarbonate Windshield  
4 - CC Clamps  
2 – Lower Windshield Brackets  
8 - Thumb Screws and Neoprene Washers  
10 – 1-1/2" Bolts, Small Washers and Lock Nuts

**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.

**Step 2:** Install lower windshield bracket, place bolt headfirst into the space, indicated by the arrow. Then put the bolt through the circled hole. Place a small washer and nut onto the end of the bolt DO NOT TIGHTEN ALL THE WAY DOWN. Place the tines of the metal bracket between the washer and the welded-on factory bracket. Turn nut until the bracket stays on but still has some range of motion. Repeat on opposite side.



**Step 3:** Place lower windshield on UTV. Line up the slots in the lexan with the slots in the metal bracket. You will notice that the lexan is flat and the UTV is slightly curved, that is ok you will push the windshield down into place and insert a bolt, wingnut, and neoprene washer (pictured below) into the front of the lexan and through the slot in the metal bracket. Secure with small washer and nut. DO NOT TIGHTEN ALL THE WAY. Install all bolt, wingnut, and neoprene combinations first.



**Step 4:** When all bolts have been installed in the lower portion of the windshield you will then tighten the nuts on the on tines. After the nuts on the tines are tightened you will then tighten the nuts on the metal bracket. Tightening these nuts will pull the lower part of the windshield into place. Be careful not to over tighten. If the lower portion of the windshield is still loose, loosen the nuts on the tines and push the metal bracket in further then retighten.

**Step 5:** Set top portion of the windshield on the UTV. Hook the back end of the C Clamp on to the edge of the profit bar. Hold clamp in place while using a bolt, wingnut, neoprene washer combo through the front of the Lexan and through the hole in the clamp. You may need to push hard. Do not worry the Lexan will not break. Secure with small washer and nut. Repeat for all clamps. Remember to wait until all clamps are installed to tighten the nuts.



**Step 5:** Remove protective paper from both sides of the 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 heptane's. 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.