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> Tusk Folding Glass Windshield for Polaris RZR UTVs - User Manual

**TUSK 190-459-0030**

# Tusk Folding Glass Windshield User Manual

Model: 190-459-0030

## 1. PRODUCT OVERVIEW

The Tusk Folding Glass Windshield is designed to provide enhanced comfort, protection, and visibility for your UTV. Constructed from high-quality, scratch-resistant automotive glass, this windshield offers versatility for various riding conditions. It can be operated in an upright position for maximum protection from elements or folded down for an open-air experience. Integrated vents allow for fine-tuning of airflow within the cabin. A manual windshield wiper is included for clear visibility.



Image: Tusk Folding Glass Windshield shown installed on a Polaris RZR UTV, demonstrating its upright configuration.

## 2. COMPATIBILITY

This Tusk Folding Glass Windshield (Model 190-459-0030) is compatible with specific Polaris RZR UTV models. Please verify your vehicle's make, model, and year range against the list below to ensure proper fitment.

### This Product Fits The Following Vehicle Models:

Compatible with	Make	Model	Year Range
Compatible with	Polaris	RZR 900 Trail Premium	2021-2023
Compatible with	Polaris	RZR 900 Trail Sport	2021-2026
Compatible with	Polaris	RZR 900 Trail Ultimate	2021-2026
Compatible with	Polaris	RZR Trail S 1000 Premium	2021-2023
Compatible with	Polaris	RZR Trail S 1000 Ultimate	2021-2026
Compatible with	Polaris	RZR Trail S 900 Sport	2021-2025

Image: Detailed compatibility chart listing Polaris RZR models and their corresponding year ranges for this windshield.

- Compatible with Polaris RZR 900 Trail Premium (2021-2023)
- Compatible with Polaris RZR 900 Trail Sport (2021-2026)
- Compatible with Polaris RZR 900 Trail Ultimate (2021-2026)
- Compatible with Polaris RZR Trail S 1000 Premium (2021-2023)

- Compatible with Polaris RZR Trail S 1000 Ultimate (2021-2026)
  - Compatible with Polaris RZR S 900 Sport (2021-2025)
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### 3. SAFETY INFORMATION

Always prioritize safety during installation and operation. Read all instructions thoroughly before beginning. Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves. Ensure the windshield is securely fastened before operating the vehicle. Do not operate the vehicle with a damaged windshield. Regularly inspect all mounting hardware for tightness.

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### 4. SETUP AND INSTALLATION

Installation of the Tusk Folding Glass Windshield requires careful attention to detail. While specific step-by-step instructions are typically provided with the product packaging, general steps include:

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect for any damage or missing parts.
2. **Prepare Vehicle:** Ensure the UTV is parked on a level surface, the engine is off, and the parking brake is engaged. Clean the mounting areas on the roll cage and hood.
3. **Assemble Windshield Components:** Attach any necessary brackets or hinges to the windshield frame as per the detailed instructions.
4. **Mount Windshield:** Position the windshield onto the UTV's roll cage. Secure it using the provided hardware. Ensure all bolts are tightened to the manufacturer's specifications.
5. **Install Wiper:** The windshield is pre-drilled for the manual wiper kit. Install the 12-inch manual windshield wiper according to its specific instructions.
6. **Final Check:** Verify that the windshield is securely mounted, operates smoothly (folding mechanism), and that the wiper functions correctly.

Refer to the detailed installation guide included with your product for precise, model-specific instructions and torque specifications.

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### 5. OPERATING INSTRUCTIONS

The Tusk Folding Glass Windshield offers two primary operating positions: upright and folded down.

#### 5.1 Upright Position

In the upright position, the windshield provides maximum protection from wind, dust, and debris. This position is ideal for colder weather or when encountering adverse conditions.



Image: The windshield fully extended in the upright position, providing full coverage.

## 5.2 Folded Down Position

To achieve an open-air experience, the windshield can be folded down. When folded, it rests nearly flat on the hood, maintaining a secure fit. This position is suitable for warmer weather or when increased airflow is desired.



Image: The windshield folded down, resting securely on the UTV's hood.

### **5.3 Vents**

The integrated vents allow for adjustment of airflow into the cabin. Operate the vent controls to open or close them as needed to regulate temperature and air circulation.

### **5.4 Windshield Wiper**

The manual windshield wiper is operated by hand to clear the glass of water, mud, or debris, ensuring clear forward visibility.



Image: A close-up view of the manual windshield wiper mechanism.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your Tusk Folding Glass Windshield.

- **Cleaning:** Clean the glass with a soft cloth and a non-abrasive glass cleaner. Avoid harsh chemicals or abrasive materials that could scratch the surface.
- **Hardware Inspection:** Periodically check all mounting hardware, bolts, and hinges for tightness. Re-tighten as necessary to prevent loosening during vehicle operation.
- **Wiper Blade:** Inspect the wiper blade for wear or damage. Replace the blade if it shows signs of cracking, tearing, or if it no longer clears the windshield effectively.
- **Vent Mechanism:** Ensure the vent mechanisms operate smoothly and are free of debris.

## 7. TROUBLESHOOTING

If you encounter issues with your Tusk Folding Glass Windshield, consider the following common troubleshooting steps:

- **Windshield Rattles:** Check all mounting bolts and hardware for tightness. Ensure the windshield is properly seated in its mounts.
- **Difficulty Folding:** Inspect hinges and pivot points for obstructions or damage. Lubricate moving parts with a suitable lubricant if necessary.
- **Poor Wiper Performance:** Check the wiper blade for wear or damage. Ensure the wiper arm is properly tensioned against the glass.
- **Air Leaks:** Verify that all seals and gaskets are properly seated and undamaged.

For persistent issues or concerns not addressed here, please contact customer support.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	190-459-0030
Material	Laminated Automotive Glass
Included Wiper	12-inch Manual Windshield Wiper
Weight	67.4 Pounds
Features	Folding design, Integrated vents, Scratch-resistant glass

## 9. WARRANTY AND SUPPORT

For any issues concerning this product or to inquire about warranty coverage, please contact the seller directly. They will provide assistance and guidance regarding product support and warranty claims.

**Contact Information:** Refer to your purchase documentation or the seller's information on the platform where the product was acquired.