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> NICHE SNOWSQUATCH UTV Snow Plow System (Model 519-KPL2225W) Instruction Manual

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NICHE SNOWSQUATCH UTV Snow Plow System (Model 519-KPL2225W) Instruction Manual

This manual provides detailed instructions for the assembly, operation, and maintenance of your SNOWSQUATCH UTV Snow Plow System. Please read thoroughly before use.

INTRODUCTION

The NICHE SNOWSQUATCH UTV Snow Plow System is designed for efficient snow removal with its adjustable 60-72 inch steel blade and universal mounting capabilities. This system is compatible with various UTV brands, including Can-Am, Polaris, Yamaha, Honda, Arctic Cat, CFMOTO, John Deere, and Kawasaki. It features a modular blade design allowing for multiple width adjustments and five angle settings to adapt to different plowing conditions. A winch (not included) is required for operation. Please note that some model applications may require minor frame modifications for proper fitment.



Figure 1: Assembled SNOWSQUATCH UTV Snow Plow System.

SETUP AND ASSEMBLY

Assembly and installation are estimated to take 3-4+ hours. It is recommended to keep all bolts and nuts loose during initial assembly and tighten them once all components are in place.

Unpacking and Component Identification

Carefully unpack all components and verify against the parts list. Familiarize yourself with the various parts before beginning assembly.

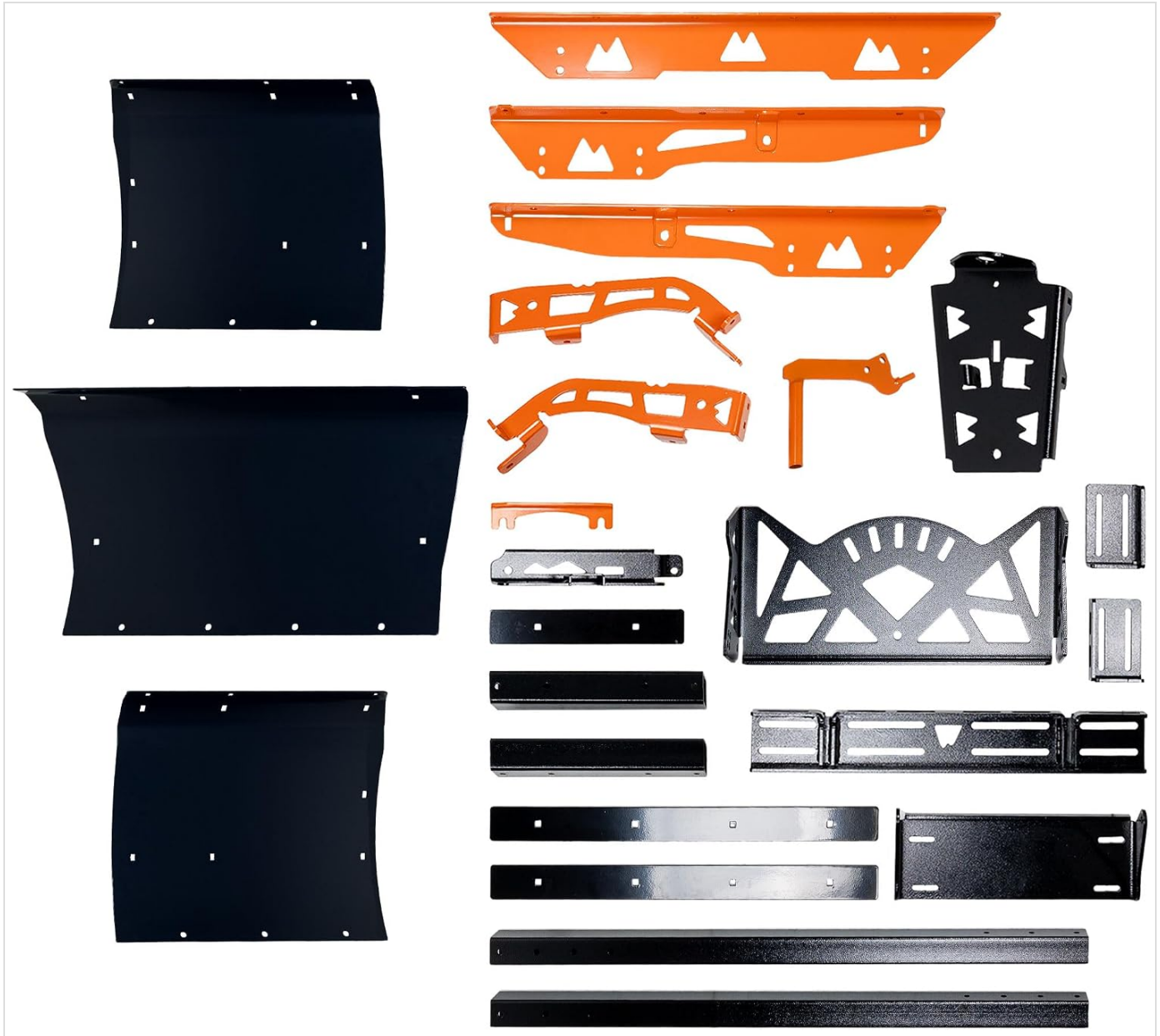


Figure 2: All components of the SNOWSQUATCH UTV Snow Plow System laid out for identification.

Attaching Blade to Mount

1. Connect the assembled blade to the mounting system using the pivot pins and cotter pins.
2. Attach the trip springs to the blade and mounting frame. These springs allow the blade to trip forward if it encounters an immovable object, preventing damage.

Final Adjustments

1. Once all components are assembled, ensure the plow is level and properly aligned.
2. Tighten all bolts and nuts securely.
3. Install the adjustable skid shoes to set the desired plowing height.



Figure 4: The snow plow system showing the blade attached to the universal mounting frame.

OPERATING INSTRUCTIONS

Proper operation ensures efficient snow removal and extends the life of your snow plow system.

Winch Operation

A UTV-mounted winch (not included) is required to raise and lower the snow plow blade. Connect the winch cable securely to the designated attachment point on the plow frame.

Blade Angle Adjustment

The modular blade design allows for 5 quick-change angle settings. This enables you to push snow straight ahead or angle it to the left or right, depending on your plowing needs. Use the simple clevis and cotter pin system for quick disassembly and angle changes.



Figure 5: The plow system highlighting the 5 quick-change angle settings and adjustable trip force mechanism.

Blade Width Adjustment

The blade width can be adjusted between 60 inches and 72 inches to suit different tasks and UTV sizes. This modular design provides flexibility for various snow clearing scenarios.



Figure 6: The plow blade illustrating how its width can be changed by 12 inches, along with double-sided wear bars and adjustable skid shoes.



Figure 7: The snow plow system mounted on a UTV, indicating its adjustable width and the requirement for a winch.

MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your snow plow system.

Regular Inspection

- **Wear Bars:** Inspect the double-sided wear bars regularly for wear. Replace them when they become excessively worn to protect the main blade.
- **Fasteners:** Periodically check all bolts, nuts, and pins for tightness. Re-tighten as necessary to prevent components from loosening during operation.
- **Springs:** Inspect trip springs for any signs of damage, corrosion, or loss of tension. Replace if compromised.
- **Skid Shoes:** Check adjustable skid shoes for wear and proper adjustment to maintain desired plowing height.

Cleaning and Storage

- After each use, clean the blade and all components to remove snow, ice, and debris.
- For long-term storage, ensure the plow is clean and dry. Store in a sheltered area to protect it from the elements.

TROUBLESHOOTING

This section addresses common issues you might encounter with your snow plow system.

- **Plow not lifting/lowering:** Ensure your winch is properly connected, functional, and has sufficient power. Check for any obstructions in the winch cable path.
- **Blade not holding angle:** Verify that the clevis pins and cotter pins used for angle adjustment are correctly inserted and secured. Inspect the adjustment mechanism for any damage or wear.
- **Excessive wear on blade:** Check the condition of the wear bars and skid shoes. Ensure skid shoes are adjusted correctly to prevent the main blade from scraping the ground excessively.
- **Plow feels unstable:** Re-check all mounting bolts and nuts on both the plow and the UTV frame for tightness. Ensure the universal mount is securely attached to the UTV.

SPECIFICATIONS

Feature	Detail
Brand	NICHE
Model	SNOWSQUATCH UTV STEEL (519-KPL2225W)
Blade Width	60-72 inches (Adjustable)
Blade Material	Steel
Angle Settings	5 positions
Mount Type	Universal
Item Weight	144 pounds
Product Dimensions	40.5 x 18.5 x 8.5 inches
Required for Operation	Winch (not included)

WARRANTY INFORMATION

The NICHE SNOWSQUATCH UTV Snow Plow System is backed by a **2-Year Warranty**. This warranty covers defects in materials and workmanship under normal use and service. Please retain your proof of purchase for any warranty claims. For specific terms and conditions, refer to the product packaging or contact customer support.

CUSTOMER SUPPORT

If you have any questions regarding the assembly, operation, maintenance, or troubleshooting of your SNOWSQUATCH UTV Snow Plow System, please contact NICHE customer support. Visit the official NICHE website for contact details and additional resources.

Online Resources: [NICHE Industries Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question