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KFI Products Plow #105860

KFI 60" UTV Pro-Poly Blade Snow Plow Kit User Manual

MODEL: PLOW #105860 FOR POLARIS RANGER 900 XP/XP CREW (2013-2019)

1. Introduction

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your KFI 60" UTV Pro-Poly Blade Snow Plow Kit. The KFI Pro-Series Plow System is engineered as a front-mount system, designed to transfer plowing forces to the front lower frame of your UTV. It offers over 30 inches of lift height and features components that are shot blasted and powder coated for durability. Please read this manual thoroughly before assembly or operation.

2. Safety Information

Operating a snow plow involves potential hazards. Adhere to all safety guidelines to prevent injury or damage. Always wear appropriate personal protective equipment, including safety glasses and gloves. Ensure the UTV is in good working condition and that all components of the plow system are securely fastened before operation. Do not operate the plow on excessively steep inclines or near obstacles that could cause loss of control. Keep bystanders clear of the operating area. Refer to your UTV's owner's manual for additional safety precautions.

3. Package Contents

Verify that all components are present and undamaged upon receipt. The KFI 60" UTV Pro-Poly Blade Snow Plow Kit includes:

- 60" Pro-Poly Plow Blade (Flexible Heavy Duty Black Poly face with 3/16" Grade 50 Steel Rib and Frame construction)
- Push Tubes
- Polaris Ranger Plow Mount
- Installation Hardware (bolts, nuts, washers, pins, springs)
- Installation Guide
- 2-Sided 3/16" x 3.00" Grade 50 Steel Wear Bar

4. Setup and Installation

The KFI Pro-Series Plow System is designed for straightforward installation. A detailed installation guide is included with your kit. All necessary mounting hardware is provided. Installation typically takes approximately one hour, though assistance may be beneficial for handling components.

Key Installation Steps:

1. Refer to the included installation guide for specific, step-by-step instructions for your Polaris Ranger 900 XP/XP Crew (2013-2019).
2. Assemble the plow mount to the UTV's front lower frame.
3. Attach the push tubes to the plow mount.
4. Connect the plow blade to the push tubes.
5. Secure the entire system using the two standard 5/8" hitch pins. Ensure pins are fully inserted and secured to prevent accidental detachment.
6. Adjust the tension on the springs as needed.



Image 1: Overview of the KFI 60" UTV Pro-Poly Snow Plow Kit, showing the plow blade, push tubes, mount, and various hardware components.



Image 2: The KFI plow mount and associated hardware, including springs and various fasteners, ready for installation.

5. Operating Instructions

Once installed, the plow system is ready for operation. Familiarize yourself with the controls and functions before beginning snow removal tasks.

Plow Operation:

- **Blade Angling:** The plow blade can be manually unlocked, moved to a 45-degree angle (left or right), or set straight, and then relocked. This allows for directional plowing to clear a wide path.
- **Lift Height:** The system provides over 30 inches of lift height, allowing for clearance over obstacles and efficient snow stacking.
- **Winch Usage:** A winch (not included) is required to raise and lower the plow blade. The plow chassis offers multiple points for winch cable attachment. Typically, only 6-10 inches of winch cable travel are needed for full range of motion.
- **Skid Adjustment:** Adjust the plow skids to the appropriate height for your plowing surface. Washers and shims are provided for fine-tuning. It is recommended to set the skids to keep the wear bar approximately 1/4 inch above the surface, especially when plowing over asphalt, to prevent damage.
- **Attachment/Detachment:** The plow system easily connects and disconnects from the UTV using two hitch pins and the winch cable. Align the plow, lift one side to insert a hitch pin, then repeat for the other side.

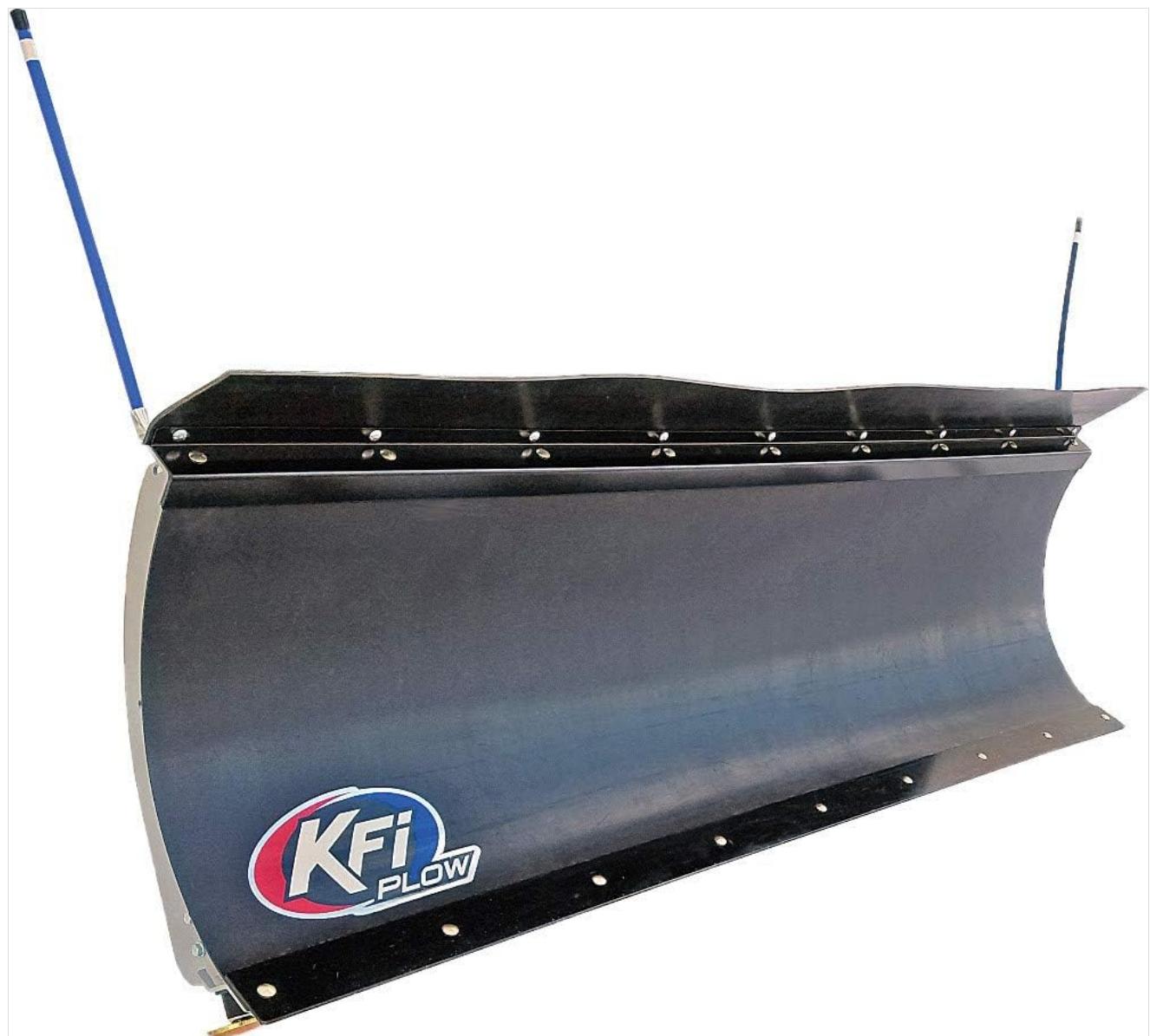


Image 3: The KFI 60" Pro-Poly plow blade, featuring its durable construction and design for efficient snow removal.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your KFI snow plow kit.

- **Cleaning:** After each use, especially when plowing corrosive materials like salt, clean the plow blade and all components thoroughly.
- **Inspection:** Periodically inspect all bolts, nuts, and pins for tightness. Re-tighten any loose fasteners. Check for any signs of wear, damage, or corrosion on the plow blade, push tubes, mount, and springs.
- **Wear Bar:** The 2-sided 3/16" x 3.00" Grade 50 Steel Wear Bar is designed for durability. Inspect it regularly for wear. When one side is worn, it can be flipped to utilize the second edge. Replace the wear bar when both sides are worn down.
- **Lubrication:** Lubricate all pivot points and moving parts with appropriate grease or lubricant to ensure smooth operation and prevent rust.
- **Powder Coating:** The components are powder coated for protection. If the coating is scratched or chipped, touch up with rust-inhibiting paint to prevent corrosion.
- **Storage:** When not in use, store the plow in a dry, protected area to prevent exposure to elements.

7. Troubleshooting

If you encounter issues with your KFI snow plow kit, refer to the following common troubleshooting tips:

- **Plow Not Attaching Securely:** Ensure that the 5/8" hitch pins are fully inserted and secured with cotter pins. Incomplete insertion can cause the plow to detach during operation.
- **Plow Not Lifting/Lowering Properly:** Check the winch cable for proper routing and tension. Inspect the springs for damage or incorrect installation. Ensure no debris is obstructing the lift mechanism.
- **Blade Not Angling:** Verify that the blade's locking mechanism is functioning correctly and is not obstructed by dirt or ice. Ensure the release handle moves freely.
- **Excessive Wear on Wear Bar:** Re-evaluate your skid shoe adjustment. If the wear bar is making too much contact with the plowing surface, it will wear prematurely. Adjust skids to maintain a slight gap.
- **Unusual Noises or Vibrations:** Stop operation immediately and inspect all connections, bolts, and moving parts for looseness or damage.

For persistent issues, consult the detailed installation guide or contact KFI Products customer support.

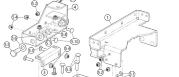
8. Specifications

Brand	KFI Products
Model Number	Plow #105860
Plow Blade Size	60 inches
Blade Material	Pro-Poly face with 3/16" Grade 50 Steel Rib and Frame
Wear Bar	2-Sided 3/16" x 3.00" Grade 50 Steel
Mounting System	Front-Mount, uses two 5/8" hitch pins
Maximum Lift Height	30+ inches
Compatibility	Polaris Ranger 900 XP/XP Crew (2013-2019)
Product Dimensions	75 x 10 x 30 inches
Manufacturer	Mad Dog Products

9. Warranty and Support

The KFI 60" UTV Pro-Poly Blade Snow Plow Kit comes with a **2-year warranty**. For warranty claims, technical assistance, or replacement parts, please contact KFI Products customer support directly. Ensure you have your product model number (Plow #105860) and proof of purchase available when contacting support.

Related Documents - Plow #105860

 <p>UTV V-PLOW TRACK EXTENSION Plow Accessory Part #106280 Rev. A</p> <p>©2014 Kimpex Powersports, Inc. All rights reserved. KFI PRODUCTS U.S.A.</p>	<p>KFI Products UTV V-PLOW TRACK EXTENSION Installation Guide</p> <p>Comprehensive installation instructions for the KFI Products UTV V-PLOW TRACK EXTENSION (Part #106280 Rev. A). This guide details the assembly process, including component lists and step-by-step procedures for mounting the track extension to UTV plow systems.</p>
 <p>POLARIS TALL GLACIER ADAPTER Plow Mount Part #106630 Rev. A</p> <p>©2014 Kimpex Powersports, Inc. All rights reserved. KFI PRODUCTS U.S.A.</p>	<p>KFI Products Polaris Tall Glacier Adapter Plow Mount Installation Guide</p> <p>Detailed installation instructions and parts list for the KFI Products Polaris Tall Glacier Adapter Plow Mount (Part #106630 Rev. A). Includes step-by-step guidance for mounting to Polaris ATVs.</p>
 <p>POLARIS RANGER SP 570 Winch Mount PART #101980</p> <p>©2014 Kimpex Powersports, Inc. All rights reserved. KFI PRODUCTS U.S.A.</p>	<p>Polaris Ranger SP 570 Winch Mount Installation and Wiring Instructions (Part #101980)</p> <p>Detailed installation and wiring instructions for the KFI Winch Mount (Part #101980) for the Polaris Ranger SP 570. Includes kit components, step-by-step assembly, and electrical connections.</p>
 <p>V PLOW DASH ROCKER SWITCHES PART #106180-AP Rev A</p> <p>©2014 Kimpex Powersports, Inc. All rights reserved. KFI PRODUCTS U.S.A.</p>	<p>KFI V-Plow Dash Rocker Switches Installation and Wiring Guide (Part #106180-AP)</p> <p>Comprehensive installation and wiring instructions for the KFI V-Plow Dash Rocker Switches kit (Part #106180-AP Rev A). Includes kit components, detailed wiring diagrams, step-by-step installation procedures, and information on the Pro-V Plow Hand Remote Upgrade.</p>
 <p>HONDA PIONEER 1000 Plow Mount PART #105740</p> <p>©2014 Kimpex Powersports, Inc. All rights reserved. KFI PRODUCTS U.S.A.</p>	<p>Honda Pioneer 1000 Plow Mount Installation Guide</p> <p>Detailed installation instructions and kit components for the KFI Products Plow Mount (Part #105740) designed for the Honda Pioneer 1000 UTV. Includes hardware list and step-by-step assembly guidance.</p>
 <p>TRACK EXTENSION HYDRAULIC ACTUATOR BRACKET Plow Accessory Part #106430</p> <p>©2014 Kimpex Powersports, Inc. All rights reserved. KFI PRODUCTS U.S.A.</p>	<p>KFI Products Track Extension Hydraulic Actuator Bracket Installation Guide (Part #106430)</p> <p>Detailed installation instructions for the KFI Products Track Extension Hydraulic Actuator Bracket (Part #106430). This guide covers the assembly process for UTV plow systems, including parts lists and step-by-step procedures.</p>



[\[pdf\]](#) User Manual Installation Guide Parts List

Click Here to Download Installation Guide60 PRO POLY Snow Plow Kit for Kubota Mid Size RTV KF

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