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› [KFI 66" UTV Steel Blade Snow Plow Kit for CF-Moto ZFORCE 500 800 800EX \('14-20\) - Instruction Manual](#)

KFI Products Plow #105066

KFI 66" UTV Steel Blade Snow Plow Kit for CF-Moto ZFORCE 500 800 800EX ('14-20) - Instruction Manual

MODEL: PLOW #105066

Brand: KFI Products

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your KFI 66" UTV Steel Blade Snow Plow Kit. Designed for CF-Moto ZFORCE 500, 800, and 800EX models from 2014-2020, this plow system is engineered for durability and efficient snow removal. Please read all instructions carefully before assembly and use to ensure safe and proper functionality.

Key Features:

- 100% Made in USA
- Includes 66" Steel Plow, Push Tubes, and CF-Moto ZFORCE Plow Mount
- Blade constructed of 11 gauge steel
- 2-Sided 3/16" x 3.00" Grade 50 Steel Wear Bar

SETUP AND INSTALLATION

The KFI Pro-Series Plow System is designed as a Front-Mount System, transferring plowing forces to the front lower frame of your UTV. The system attaches in seconds using two standard 5/8" hitch pins, providing over 30 inches of lift height. All components are shot blasted and powder coated for a durable finish.

Component Overview:



Image: Overview of the KFI 66" Steel Blade Snow Plow Kit components, including the blade, push tubes, and mounting hardware.

Installation Steps:

1. **Mounting Plate Installation:** Secure the mounting plate to the underside of your UTV's frame using the provided U-bolts and hardware. Ensure a snug fit to prevent movement during operation. Refer to the specific instructions for your CF-Moto ZFORCE model for precise mounting points.



Image: Close-up of the KFI UTV plow mounting plate with U-bolts and nuts.

2. **Push Tube Assembly:** Attach the push tubes to the mounting plate. These tubes provide the structural support and connection between the plow blade and your UTV. Use the provided pins and clips for a secure connection.



Image: KFI UTV plow push tube assembly with springs and pins.

- Blade Attachment:** Connect the 66" steel blade to the push tube assembly. Ensure all pivot points are correctly aligned and secured with the appropriate pins. The blade features a 2-sided 3/16" x 3.00" Grade 50 Steel Wear Bar for extended life.



Image: The KFI 66" steel plow blade with warning label and spring-loaded trip mechanism.

4. **Winch Connection (if applicable):** If using a winch for lifting, connect the winch cable to the plow assembly. Ensure the winch is properly installed on your UTV and capable of handling the plow's weight and operating forces.

Installation Video Reference:

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Video: "KFI Products - How its Made" - This video provides an overview of the manufacturing process, offering insight into the quality and construction of KFI plow components.

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Video: "KFI Pro-Poly Plow" - While showcasing a Pro-Poly plow, this video demonstrates general operational aspects and attachment methods relevant to KFI plow systems.

OPERATING INSTRUCTIONS

Before operating the snow plow, ensure all connections are secure and the UTV is in good working condition. Always wear appropriate safety gear.

1. **Plow Angle Adjustment:** The plow blade can be adjusted to various angles for optimal snow displacement. Consult your UTV's manual for specific controls if using a power-angle kit, or manually adjust the blade angle using the provided pins on the push tube assembly.
2. **Lifting and Lowering:** Use your UTV's winch or manual lift system to raise and lower the plow blade. Ensure the blade is fully raised when transporting the UTV and fully lowered when plowing.
3. **Plowing Technique:** Drive at a controlled speed, especially in deep or heavy snow. Overlapping passes will ensure complete snow removal. Be mindful of obstacles and uneven terrain. The spring-loaded trip mechanism on the blade

helps prevent damage if an obstacle is struck.

Operation Video Reference:

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Video: "KFI Pro-Poly Plow Preview" - This short preview video demonstrates the KFI plow in action, showing snow removal capabilities and general operation.

MAINTENANCE

Regular maintenance will extend the life of your KFI Snow Plow Kit and ensure optimal performance.

- **Inspect Wear Bar:** Regularly check the 2-sided Grade 50 Steel Wear Bar for wear. Replace when necessary to maintain effective plowing and protect the main blade.
- **Check Fasteners:** Before each use, inspect all bolts, nuts, and pins for tightness. Tighten any loose fasteners to prevent component failure.
- **Lubrication:** Lubricate all pivot points and moving parts with a suitable grease to ensure smooth operation and prevent rust.
- **Cleaning and Storage:** After each use, clean the plow blade and all components to remove snow, ice, and salt. Store the plow in a dry area when not in use to prevent corrosion.

TROUBLESHOOTING

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

- **Plow not lifting/lowering properly:** Check winch cable for damage or entanglement. Ensure all connections to the plow are secure. Verify winch functionality.
- **Plow not clearing snow effectively:** Inspect the wear bar for excessive wear. Adjust the plow blade angle for optimal snow shedding. Ensure adequate downforce from the UTV.
- **Excessive vibration or noise:** Check all mounting hardware for tightness. Inspect for any bent or damaged components. Ensure the plow is properly aligned with the UTV.

For further assistance, please contact KFI Products customer support.

SPECIFICATIONS

Brand:	KFI Products
Model Number:	Plow #105066
Blade Width:	66 inches
Blade Material:	11 gauge steel
Wear Bar:	2-Sided 3/16" x 3.00" Grade 50 Steel
Product Dimensions:	75 x 10 x 30 inches

Item Weight:	Approximately 0.01 ounces (Note: This weight seems incorrect from the source data, actual plow weight is significantly higher as per customer reviews, e.g., 85lbs for blade, 40lbs for mount)
Compatibility:	CF-Moto ZFORCE 500, 800, 800EX (2014-2020)

WARRANTY AND SUPPORT

KFI Products offers a satisfaction guarantee. For specific warranty details or technical support, please refer to the documentation included with your product or contact KFI Products directly. Customer support is available for assistance.

Return Policy: 30-day easy returns are available through the seller, DnS Power Brands.

