

KFI Products 105410

KFI Products 105410 Plow Mount Instruction Manual

Model: 105410

1. INTRODUCTION

Thank you for choosing the KFI Products 105410 Plow Mount. This manual provides essential information for the safe and effective installation, operation, and maintenance of your new plow mount. Please read all instructions thoroughly before beginning installation or operation to ensure proper function and to prevent injury or damage. The KFI Products 105410 Plow Mount is a robust, front-mount system designed to securely attach a snow plow to your vehicle, making snow removal tasks more efficient. Its durable construction ensures reliable performance in challenging conditions.

2. PRODUCT OVERVIEW

The KFI Products 105410 Plow Mount is engineered for strength and longevity. Key features include:

- **Front-mount system:** Designed for optimal plow positioning and vehicle integration.
- **Powder-coated black for supreme durability:** Provides excellent resistance to corrosion, rust, and wear.
- **Plate constructed from 3/16" grade 50 steel:** Ensures high strength and structural integrity.
- **All pin tabs are constructed from 1/4" thick grade 50 steel:** Offers reinforced attachment points for secure plow connection.



Figure 1: The KFI Products 105410 Plow Mount. This image displays the KFI Products 105410 Plow Mount, a robust, black powder-coated steel bracket designed for front-mounting a snow plow to a vehicle. It features multiple attachment points and a sturdy construction for heavy-duty use.

3. SETUP AND INSTALLATION

Proper installation of the KFI Products 105410 Plow Mount is crucial for safe and effective operation. While specific vehicle mounting points may vary, the general steps are as follows:

1. **Review Vehicle Compatibility:** Ensure your vehicle is compatible with the 105410 plow mount. Consult your vehicle's manual or KFI Products' compatibility guide.
2. **Gather Tools:** Collect all necessary tools, which typically include wrenches, sockets, and possibly a drill for custom mounting points.
3. **Position the Mount:** Carefully position the plow mount to the front underside of your vehicle's frame. Identify existing frame holes or suitable locations for drilling, if required.
4. **Secure Initial Bolts:** Attach the mount using the provided hardware. Initially, hand-tighten all bolts and nuts to allow for minor adjustments.
5. **Align and Adjust:** Ensure the mount is level and properly aligned with the vehicle's centerline. Make any necessary adjustments before final tightening.
6. **Final Tightening:** Once aligned, securely tighten all bolts and nuts to the manufacturer's specified torque.

settings. Double-check all connections for tightness.

7. **Attach Plow (if applicable):** If attaching a plow immediately, follow the plow manufacturer's instructions for connecting it to the 105410 mount's pin tabs.

Important: Always refer to the detailed installation instructions included with your specific plow mount packaging for precise, model-specific guidance and safety warnings. Professional installation is recommended if you are unsure about any steps.

4. OPERATING INSTRUCTIONS

The KFI Products 105410 Plow Mount serves as the attachment point for your snow plow. Operating instructions primarily pertain to the snow plow itself, but here are general guidelines for using the mount effectively:

- **Plow Attachment:** Connect your compatible snow plow to the mount's pin tabs using the appropriate pins and clips. Ensure all connections are secure before operation.
- **Winch Connection:** If your plow system uses a winch for lifting and lowering, connect the winch cable to the designated point on the plow frame, ensuring it is properly routed and secured.
- **Blade Angle Adjustment:** Many plows allow for angle adjustment (left, right, or straight). Utilize the plow's adjustment mechanism to set the desired blade angle for efficient snow clearing.
- **Pre-Operation Check:** Before each use, inspect all mount and plow connections, hydraulic lines (if applicable), and electrical wiring for any signs of wear, damage, or looseness.
- **Safe Operation:** Always operate your vehicle and plow at a safe speed, especially when maneuvering or clearing snow. Be aware of your surroundings and any obstacles.
- **Plow Detachment:** When finished, follow the reverse procedure to safely detach the plow from the mount. Store the plow and mount components in a dry, protected area.

5. MAINTENANCE

Regular maintenance will extend the life and performance of your KFI Products 105410 Plow Mount:

- **Routine Inspection:** Periodically inspect the mount for any signs of rust, cracks, bends, or loose fasteners. Pay close attention to weld points and attachment areas.
- **Cleanliness:** After each use, especially in corrosive environments (e.g., salt-treated roads), clean the mount thoroughly to remove dirt, salt, and debris.
- **Lubrication:** Apply a suitable lubricant to all moving parts, pins, and pivot points to ensure smooth operation and prevent seizing.
- **Hardware Check:** Regularly check and re-tighten all bolts and nuts to their specified torque settings. Vibration during operation can cause fasteners to loosen.
- **Storage:** When not in use, store the plow mount in a dry, covered area to protect it from the elements.

6. TROUBLESHOOTING

If you encounter issues with your KFI Products 105410 Plow Mount, consider the following:

- **Plow Not Attaching Securely:** Ensure all pins are correctly inserted and secured with clips. Check for any obstructions or bent components on either the mount or the plow.
- **Excessive Movement/Vibration:** Re-check all mounting bolts for proper tightness. Inspect the vehicle's frame for any damage that might affect the mount's stability.
- **Difficulty Adjusting Plow Angle:** This is typically related to the plow's mechanism, not the mount itself. Refer to your plow's instruction manual. Ensure the plow is properly seated on the mount.

- **Rust or Corrosion:** Clean the affected areas and apply a rust-inhibiting primer and paint. Regular cleaning and proper storage can prevent this.

For persistent issues, contact KFI Products customer support or a qualified service technician.

7. SPECIFICATIONS

Feature	Detail
Model Number	105410
Brand	KFI Products
Mounting Type	Front Mount
Item Weight	6 pounds
Product Dimensions (L x W x H)	15.5 x 15.5 x 7.5 inches
Exterior Finish	Painted
Finish Type	Powder Coated
Material (Plate)	3/16" Grade 50 Steel
Material (Pin Tabs)	1/4" Thick Grade 50 Steel
UPC	705105569666

8. WARRANTY INFORMATION

KFI Products stands behind the quality of its products. Specific warranty terms and conditions for the 105410 Plow Mount are typically provided with the product packaging or can be found on the official KFI Products website. Please retain your proof of purchase for warranty claims. The warranty generally covers defects in materials and workmanship under normal use.

9. SUPPORT

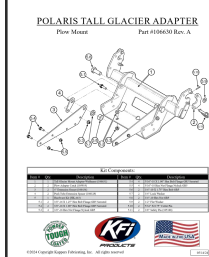
For technical assistance, replacement parts, or any questions regarding your KFI Products 105410 Plow Mount, please refer to the following resources:

- **KFI Products Official Website:** Visit the official website for detailed product information, FAQs, and support contact options.
- **Customer Service:** Contact KFI Products customer service directly for personalized support. Refer to your product packaging or the official website for current contact details.

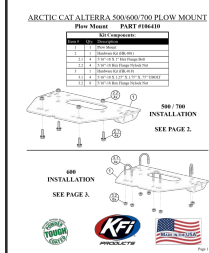
When contacting support, please have your product model number (105410) and proof of purchase readily available.

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Detailed installation instructions and kit components for the KFI Products Plow Mount (Part #105375) designed for the Honda Big Red ATV. Includes diagrams and step-by-step guidance.



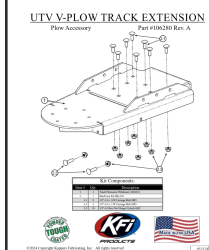
Detailed installation instructions and parts list for the KFI Products Polaris Tall Glacier Adapter Plow Mount (Part #106630 Rev. A). Includes step-by-step guidance for mounting to Polaris ATVs.



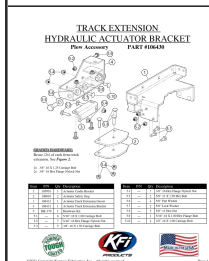
Step-by-step installation instructions for the KFI Products Plow Mount (Part #106410) designed for Arctic Cat Alterra 500, 600, and 700 ATVs. Includes kit components and detailed procedures for mounting.



Installation manual for the KFI Products Universal ATV Plow Mount (Part # 105745). Provides step-by-step assembly instructions, a detailed parts list, and guidance for modifying your ATV's skid plate for compatibility.



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.



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.