Installation Instructions
ATV PLOW
Plow Mounting Kit: P/N 62686
Application: Kawasaki Prairie 360,650,700
Suzuki Twin Peaks 700 2002 and newer

Your safety, and the safety of others, is very important. To help you make informed decisions about safety, we have provided installation and operating instructions and other information on labels and in this guide. This information alerts you to potential hazards that could hurt you or others. It is not possible to warn you about all potential hazards associated with this product, you must use your own good judgment.

CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE. READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS PRODUCT.

This guide identifies potential hazards and has important safety messages that help you and others avoid personal injury or death. **WARNING** and **CAUTION** are signal words that identify the level of hazard. These signal words mean:

WARNING signals a hazard that could cause serious injury or death, if you do not follow recommendations.

CAUTION signals a hazard that may cause minor to moderate injury, if you do not follow recommendations.

This guide uses **NOTICE** to call attention to important mechanical information, and **Note:** to emphasize general information worthy of special attention.

WARNING

SEVERE INJURY OR DEATH MAY RESULT IF YOU IGNORE ANY OF THE FOLLOWING.

- **Always read the Plow Operator's Manual, the Winch Operator's Manual, and all warning labels before operating or using your ATV plow.**
- **Always operate ATV at a walking speed with the blade installed. Do Not exceed 5mph (8 km/h) even with the blade up.**
- **Always plow CAUTIOUSLY, impact with a hidden or stationary object may cause the ATV to stop suddenly or go out of control.**
- **Never operate the ATV on slopes greater than 10° with the plow installed.**
- **Never stand or ride on the plow.**
- **Always stay clear of moving parts and joints. Keep others away when operating or adjusting plow.**
- **Always inspect the plow mechanism, fasteners, cable, and adjustments before operating. Replace all worn or damaged parts before operating.**
- **Always lower the plow to the down position before leaving the ATV unattended.**

NOTE: **A winch with a roller fairlead or Warn electric plow actuator is recommended for lifting this plow. See your local dealer for part numbers.**

TOOLS REQUIRED:

Drill with 3/8" Drill Bit
Ratchet with 1/2" & 9/16" Socket
7/16"& 9/16" Wrench
Phillips Head Screwdriver (optional)

PARTS LIST

PART NO.	QUANTITY	DESCRIPTION
2002	8	5/16” Nylock Nut
61262	2	U-Bolt 5/16”-18 x 1.50” x 2.25”
60869	2	U-Bolt 5/16”-18 x 1-3/8” x 2”
67822	1	Plow Mount
62845	1	J-Bolt Bracket
35391	2	J-Bolt
1322	2	1/4" Nylock Nut
1827	1	3/8" Nylock Nut
6779	1	3/8" Bolt

1. Mount Installation

Note: There are different hole locations on the plow mount depending on the bike model. For Prairie 360 use the middle hole locations (B), for Prairie 650 and Twin Peaks 700 use hole locations (A) on mounting plate, as shown in Figure *1*.

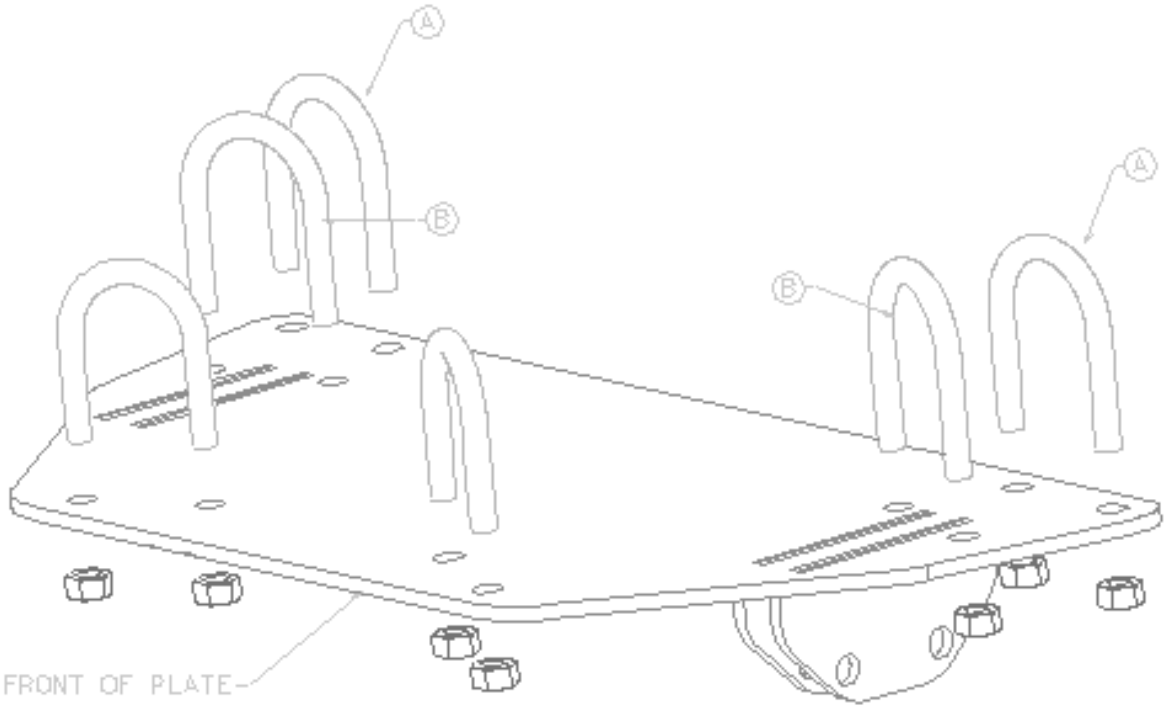

Figure 1 Hole Locations

NOTICE
Never overtighten u-bolt nuts. Overtightening may cause damage to vehicle frame.

To install the plow mount to the underside of the vehicle install the front two U-bolts PN 60869, and loosely tighten the 5/16” nuts. Pull the plow mount back in the furthest position and then fully tighten, as shown in Figure 2.

For the Kawasaki Prairie 360 use the second set of U-bolts PN 61262 and securely tighten around the frame in hole location **(B)**.

For Kawasaki Prairie 650 and Suzuki Twin Peaks 700 drill a 3/8” hole through the aluminum skid plate, using the plow mount as a template, as shown in Figure 3. Repeat the same process on the other side.

After both holes are drilled attach the mounting plate with the second set of U-bolts PN 61262 and securely tighten around the frame in hole location **(A)**.

Tighten all fasteners securely. ***NOTICE: Never overtighten u-bolt nuts. Overtightening may cause damage to vehicle frame.***

Figure 2

Figure 3 Drill Rear Holes

2. Plow Installation:

Slide the plow into position with the tubes under the ATV.
Lift the end of the tube assembly into position so the holes in the Tube Wings line up with the 3/8” holes in the frame brackets (Fig. 2).

If using a winch, mount the plow in the rear holes using the 3/8” pins that came with the plow kit. Read onto section 2.
If using the electric actuator or manual lift, mount the plow in the forward holes.

A Phillips head screwdriver may be used to align the holes.
Insert both 3/8” pins and hook the retaining clips on the ends of the pins to secure the plow to the ATV.

Attach the J-bolt bracket to the center hole in the plow cross member using a 3/8”dia x 1” long bolt as shown in 4. The bracket should be mounted on the blade side of the crossmember with the side flanges parallel to the ground. Terminate the with a 3/8”dia nylock nut. Tighten the bolt and nut to recommended torque of 20 ft-lb (28 N-m).

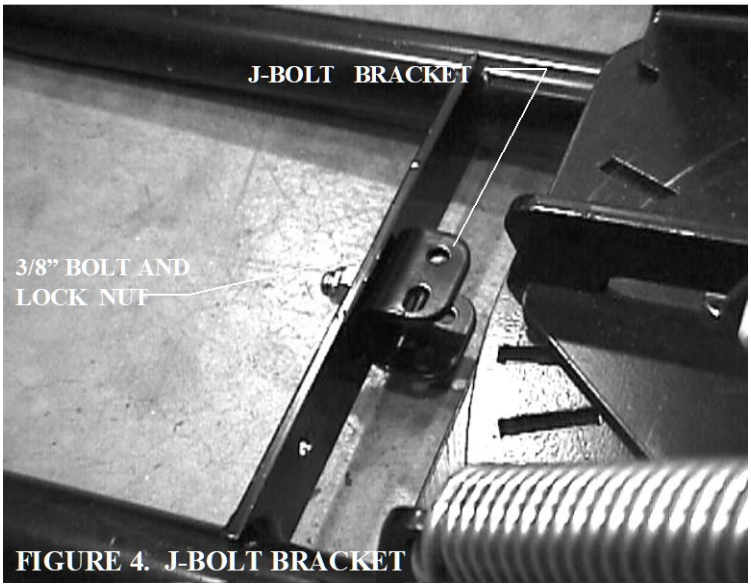

FIGURE 4. J-BOLT BRACKET

Run the winch cable over the roller fairlead and down to the J-bolt bracket. Using a 1/4" dia J-bolt, hook the loop on the end of the winch cable and slide the threaded end of the J-bolt into the slotted hole in the J-bracket. Terminate the end of the J-bolt with a 1/4"dia nylock nut. Tighten the nut until the winch cable is snug inside the J-bolt as shown in figure 5.

Note: **Do not remove winch hook installed on the end of the winch cable, simply slide it out of the way.**

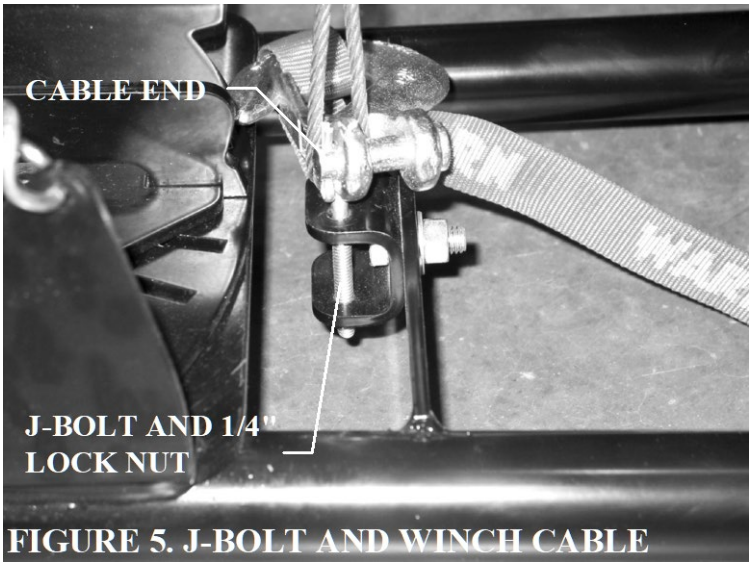

FIGURE 5. J-BOLT AND WINCH CABLE

⚠CAUTION

The purpose of the J-bolt is to break the connection between the plow and ATV when the plow is subjected to high forces that could damage the plow or vehicle. The plow will drop instantly if the J-bolt breaks, so be sure there are no bystanders when operating the plow.
Instances when the J-bolt might break are:
. If the plow is raised too high and stalls.
. If the operator is trying to lift too much material with the plow blade.
In general, do not raise the top of the plow blade above the headlights of the vehicle. If the plow stalls, stop the winch immediately and lower the plow. After pushing material with the plow, backup the ATV prior to raising it. If the J-bolt breaks, replace it with the spare hardware found in this kit. Read the Plow Operators Guide for more information.

The installation should now be complete.
Be sure to read the operator manual prior to use of this product.