



INSTALLATION INSTRUCTIONS

ATV PLOW

Mounting Kit: P/N 65179

Application: Traxter and Quest models 2000 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.

- Read the Plow Operator's Manual and all warning labels before operating.
- Operate ATV at a walking speed with the blade installed. Do Not exceed 5mph (8 km/h) even with the blade up.
- Plow Cautiously, impact with a hidden or stationary object may cause the ATV to stop suddenly or go out of control.
- Do Not operate the ATV on slopes greater than 10° with the plow installed.
- Do Not stand or ride on the plow.
- Stay clear of moving parts and joints. Keep others away when operating or adjusting plow.
- Inspect the plow mechanism, fasteners, cable, and adjustments before operating. Replace all worn or damaged parts before operating.
- Lower the plow to the down position before leaving the ATV unattended.

TOOLS REQUIRED:

Ratchet

Sockets: 7/16", 1/2", 9/16", 13mm

Wrench: 7/16, 1/2", 9/16", 13mm

Phillips Screwdriver (optional)

Electric Drill & 5/16" Bit

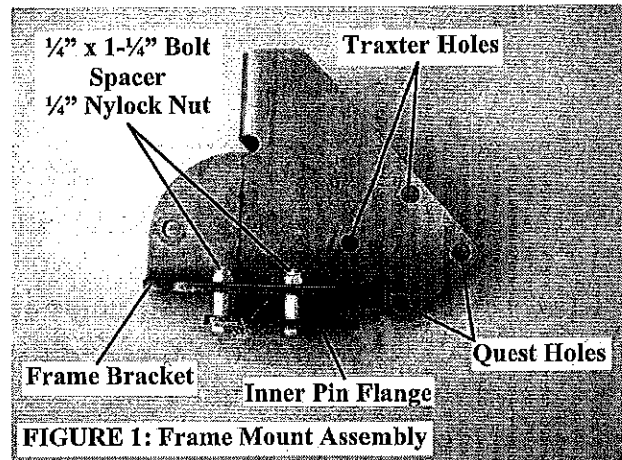
PARTS LIST:

<u>PART NO.</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
1324	6	5/16" Flat Washer
1402	2	5/16" Lock Washer
1827	1	3/8" x 1" Hex Bolt
2002	4	5/16" Nylock Nut
6725	6	1/4" Nylock Nut
6779	1	3/8" Nylock Nut
13253	4	1/4" x 1-1/4" Hex Bolt
7352	6	8mm x 40 mm Hex Bolt
31806	4	Spacer, 1/2", Aluminum
35391	2	J-Bolt
60870	2	U-Bolt, 5/16" x 1-3/8"
39141	1	Frame Mount, Left
61122	1	Frame Mount, Right
65409	2	Inner Pin Flange
62845	1	J-Bolt Bracket

1. Assembly Frame Brackets:

Assemble the frame brackets as shown (Figure 1). Use the 1/4" fasteners supplied to secure the Inner Pin Flange to the Frame Bracket as shown.

Torque fasteners to following specifications:
Torque 1/4" Bolts: 8 ft. lb. (11 N m)




2. Install Frame Brackets:

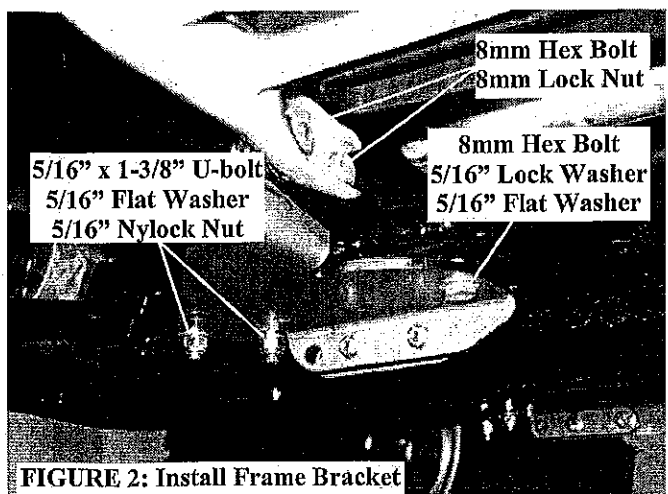
Remove the front two 8mm footpeg bolts on both running boards. The 8mm nuts will be reused with the fasteners provided in the mounting kit. Remove the 8mm bolts securing the skidpan to the frame near the front of the running boards. Secure both frame brackets to the frame with the fasteners shown (Figure 2).

With the brackets secured in position, drill a 5/16" hole in the skidpan on both sides of the frame. Use the frame brackets as guides to locate the holes.

⚠ WARNING

Drilling operations can cause flying metal chips. WEAR SAFETY GOGGLES. Flying metal chips can cause eye injury.





CAUTION

Do Not drill through objects above the skidpan when drilling skidpan.

After the skidpan has been drilled, install the 5/16" x 1-3/8" U-Bolts to secure the front of the frame brackets. The left frame bracket (below the air intake tube. **Note: Traxter only**) must be removed to install the U-Bolt. The skidpan should move far enough away from the frame once the bracket is removed to allow the U-Bolt to be positioned over the frame tube and through the skidpan. Insert the legs of the U-Bolt through the frame bracket as it is reinstalled on the frame.

Torque 8mm and 5/16" Fasteners: 12 ft-lb (16 N-m)

CAUTION

When using a winch with this plow, read your winch operator manual before proceeding with this installation. ALWAYS USE EXTREME CAUTION WHILE WORKING WITH OR AROUND A WINCH AS SEVERE INJURY OR DEATH MAY OCCUR. A roller fairlead must be used for lifting and lowering the plow. Cable damage will occur if a roller fairlead is not used.

3. 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 (Figure 2). A Phillips head screwdriver may be used to align the holes.

Insert both 3/8" pins from the inside of the brackets 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 figure 3. 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).

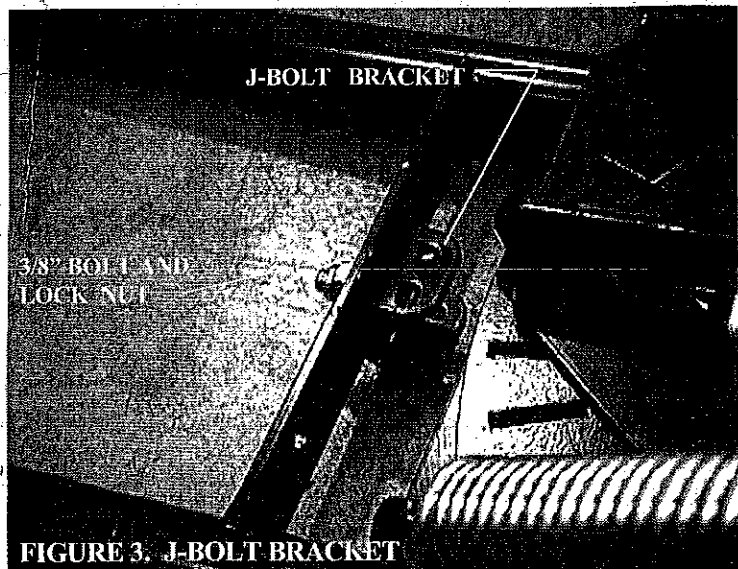
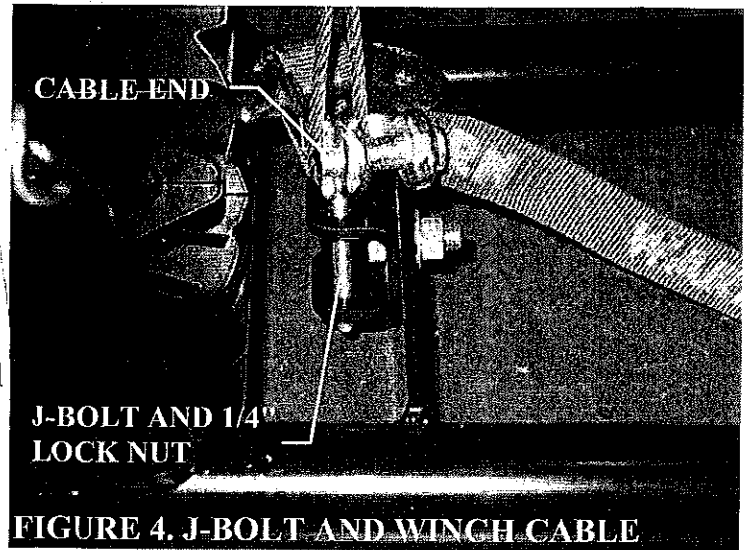


FIGURE 3. J-BOLT BRACKET

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 4.



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

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.