



INSTALLATION INSTRUCTIONS

ATV PLOW

Mount Kit: PN 37842

Application: Suzuki King Quad*

- This kit must be used with a Warn Industries electric actuator.

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"
Wrench: 7/16, 1/2"
Phillips Screwdriver

PARTS LIST:

<u>PART NO.</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
1322	4	1/4" Hex Nut
2079	4	5/16" Hex Nut
31175	2	U-Bolt, 1/4-20, 1-1/8" x 2-1/4"
60402	2	U-Bolt, 5/16-18x1.75"x2.69"
60401	4	Spacer Plate, 1/4"
60121	1	Frame Mount, King Quad

1. Frame Mount Installation:

The Frame Mount will fasten to the bottom

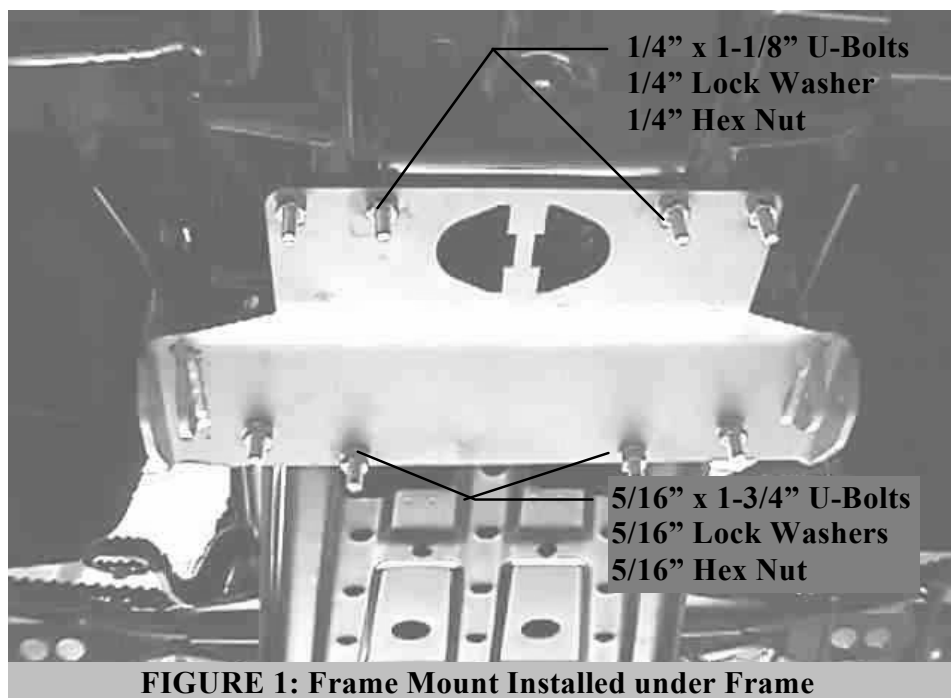


FIGURE 1: Frame Mount Installed under Frame

of the frame as shown in Figure 1. Four U-Bolts will be used to secure the Frame Mount to the bottom of the frame. This kit contains three different U-Bolts, use the smallest (1/4"x1-1/8") and largest (5/16"x1-3/4") U-Bolts on the Frame Mount.

Install both 1/4"x1-1/8" U-Bolts over the frame tubes just in front of the inner fender mounting brackets.

Install the 5/16"x1-3/4" U-Bolts over the frame tubes so they pass through the skidpan as shown (Figure 2).



FIGURE 2: Support Mount with Front U-Bolts

Loosely secure the front of the Frame Mount in position with four 1/4" hex nuts and locking washers.

With the mount held loosely in place, install two spacer plates on each of the rear U-Bolts and secure them to the mounting plate with 5/16" hex nuts and locking washers (Figure 3).

There should be a 1/2" gap between the rear of the Frame Mount and skidpan when installed correctly.

Tighten all fasteners securely.

Torque fasteners to following specifications:

Torque 1/4" Bolts: 5 ft. lb. (7 N m)

Torque 5/16" Bolts: 11 ft. lb. (15 N m)

To improve ground clearance, it is recommended to cut off the U-Bolts so there is only a 1/8" of threads protruding through the nuts.

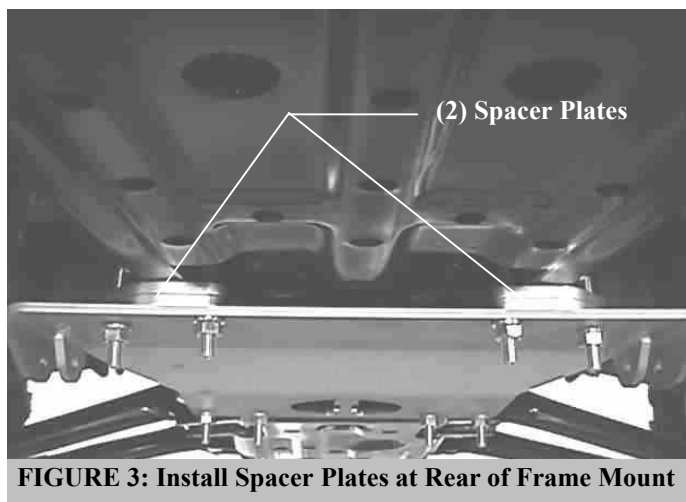


FIGURE 3: Install Spacer Plates at Rear of Frame Mount



FIGURE 4: Install Pins to Secure Plow

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 Mount (Figure 1). 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 (Figure 4).

Note: This kit must be used with a Warn Industries electric plow actuator. For the installation of the actuator please refer to the actuator kit installation instructions.

The installation should now be complete.

Be sure to read the operator manual prior to use of this product.