



INSTALLATION INSTRUCTIONS

Front Plow Mounting Kit

Front Plow Mount Kit: 80558

Application: 2007 + Suzuki King Quad 450-750

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

INJURY HAZARD

Failure to observe these instructions could lead to severe injury or death.

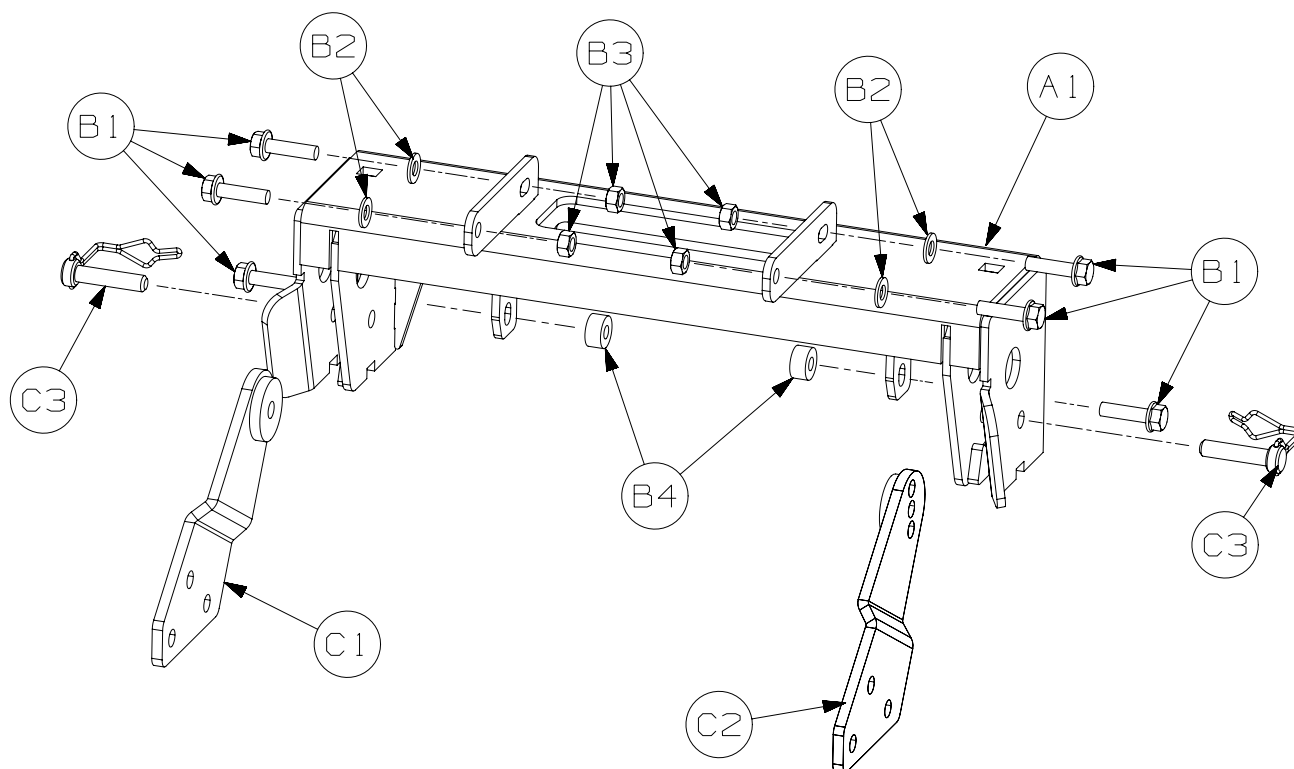
- ❑ **Always** use extreme caution when drilling on any vehicle. Make sure that all fuel lines, brake lines, electrical wires, and other objects are not punctured or damaged when / if drilling on the vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling, and relocate any objects that may be damaged. Failure to inspect the area to be drilled may result in vehicle damage, electrical shock, fire or personal injury.
- ❑ **Always** wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause eye injury.
- ❑ **Always** use extreme caution when cutting and trimming during fitting.
- ❑ **Always** remove jewelry and wear eye protection.
- ❑ **Never** lean over battery while making connections.
- ❑ **Never route electrical cables:**
 - Across any sharp edges.
 - Through or near moving parts.
 - Near parts that become hot.
- ❑ **Always** insulate and protect all exposed wiring and electrical terminals.
- ❑ **Always** install terminal boots as directed in installation instructions.
- ❑ **Always** use appropriate and adequate care in lifting components into place.
- ❑ **Always** insure components will remain secure during installation and operation.
- ❑ **Always** tighten all nuts and bolts securely, per the installation and operation.
- ❑ **Always** perform regular inspections and maintenance on the winch, winch mount and related hardware.
- ❑ **Never** operate this **WARN** product with damaged or missing parts.

 Caution
Moving Parts Entanglement Hazard
Failure to observe these instructions could lead to minor or moderate injury.
☐ Always take time to fully read and understand the installation and Operations Guide included with this product. ☐ Never operate this product if you are under 16 years of age. ☐ Never operate this product when under the influence of drugs, alcohol or medications.
Read installation and operating instructions thoroughly.

Notice
Equipment Damage
☐ Always refer to the Installation and Specification Guide, supplied in the winch kit, for all wiring schematics and specific details on how to wire this WARN product to your vehicle.
Read installation and operating instructions thoroughly.

Table of Contents

I.	Parts List.....	3
II.	Tools Required.....	3
III.	Installation.....	4-6
IV.	Maintenance/Care	7



I. PARTS LIST

<u>Ref</u>	<u>Description</u>	<u>Qty</u>
A1	Plow Mounting Plate	1
B1	Flange Hd M8-1.25 x 30mm	6
B2	Flat Washer 5/16"	4
B3	Lock Nut M8	4
B4	Spacer 5/16x3/8x3/4 Alum	2
C1	Tab Plow RH Jogged	1
C2	Tab Plow LH Jogged	1
C3	Pin, Plow Retaining	2

II. TOOLS REQUIRED

- 3/8" Ratchet and 3-1/2" extension
- Sockets: 10mm, 12mm, 13mm
- Wrenches: 13mm
- Flat Blade Screwdriver

III. INSTALLATION

1. Remove the front skid plate. Use a flat blade screw driver to remove the plastic rivets and a 10mm socket to remove the small shoulder bolts securing plate to front bumper.



Figure 2

2. Use 12mm socket and ratchet to remove the lower bumper bolts (Figure 3). Remove both bolts shown on both sides of bumper. The bottom two bolts will be replaced with fasteners provided in this kit.



Figure 3

3. Use a 12mm socket and ratchet to loosen the top bumper bolts (Figure 4). These bolts secure the rear part of the front bumper and rack assembly. Once loosened the lower section of front bumper will rotate away from the frame.

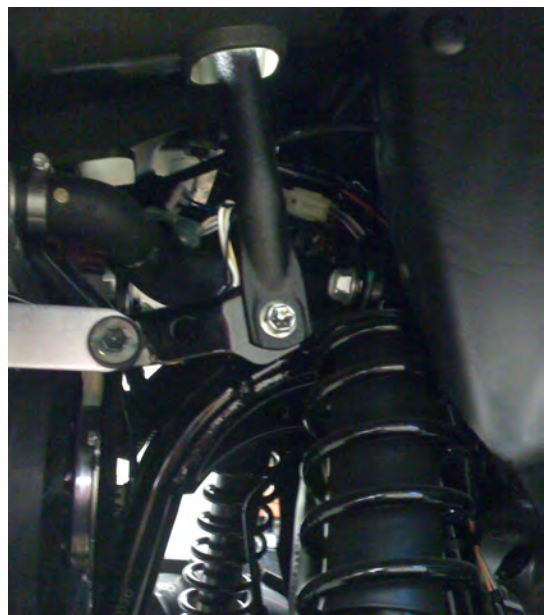


Figure 4

III. INSTALLATION cont.

4. Pull the lower section of the front bumper away from the vehicle frame enough to allow plow mounting bracket to pass through (Figure 5). The bumper should only be pulled out enough to allow the bracket to fit into the frame as the front body plastic is secured to the bumper.
5. The bracket will need to be carefully moved in bumper and over front skid pan brackets.
6. Loosely secure the Plow Mount to the flanges on front bumper tubes (Figure 6). These are the same tabs used to secure the winch mount to the front bumper.

Install the M8 bumper mounting bolts that secure the front bumper to the vertical tubes shown in Figure 3. These are the tubes that the mount is fastened to. Install the fasteners loosely until all fasteners have been installed.

7. Now the rear tabs of mount need to be secured to the lower frame (Figure 7). An aluminum spacer must be installed between the rear tab and the lower bumper tube on each side of frame. Install the M8 x 30mm flange head bolts provided in this kit to secure the mount, spacers, and bumper to the frame.

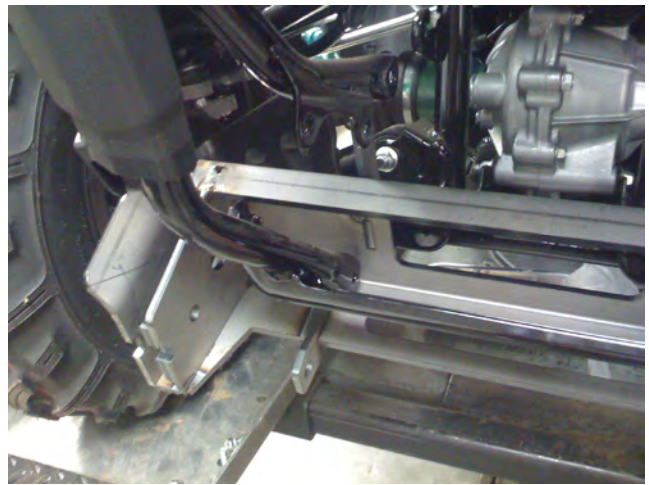


Figure 5



Figure 6



Figure 7

III. INSTALLATION cont.

8. All bumper and plow mounting bolts must now be tightened securely. Secure all M8 bolts to 20 N-m (15 fl-lb.)
9. Reinstall the front skid pan with the original factory fasteners. The small shoulder bolts may be reinstalled with a 10mm socket and extension by passing it through the large hole on the side of the mount.
10. Finally install the plow mounting tab to your Plow Tube Assembly.
11. Install these loosely on the plow with the fasteners provided with the plow. Tighten the fasteners after the plow is assembled and installed in the mount per the plow assembly instructions.



Figure 8

⚠ WARNING

FAILURE TO SECURELY TIGHTEN ALL BOLTS ON THE WINCH PLATE, WINCH, AND FAIRLEAD CAN RESULT IN PRODUCT FAILURE WHICH MAY RESULT IN VEHICLE DAMAGE AND OPERATOR INJURY OR DEATH. DOUBLE CHECK THAT ALL BOLTS ARE SECURELY TIGHTENED PRIOR TO USE.

⚠ WARNING

AVOID ALL MOVING AND POTENTIALLY HOT COMPONENTS OF ATV WHEN ROUTING ELECTRICAL CABLES. AVOID AREAS WHERE THE WIRING COULD BE PINCHED WHEN COMPONENTS ARE REINSTALLED. FAILURE TO DO SO CAN RESULT IN PRODUCT FAILURE WHICH CAN LEAD TO VEHICLE DAMAGE AND OPERATOR INJURY OR DEATH.

⚠ WARNING

READ THE VEHICLE'S OPERATOR MANUAL, WINCH OPERATOR MANUAL, AND ALL WARNING LABELS PRIOR TO OPERATION OF ATV AND WINCH.

IV. MAINTENANCE/CARE

1. Inspect all parts on the winch, winch mount, and related hardware prior to each use. Replace all hardware that appears rusted or deformed.
2. Inspect all nuts and bolts on the winch, winch mount,, and related hardware prior to each use. Tighten all nuts that appear to be loose. Stripped, fractured, or bent bolts or nuts need to be replaced.
3. Check all cables prior to use. Replace cables that look worn or frayed.
4. Check all moving or rotating parts. Remove debris that may inhibit the part from moving freely.

⚠ WARNING

PERFORM REGULAR INSPECTIONS ON THE WINCH, WINCH MOUNT, AND RELATED HARDWARE. NEVER OPERATE THE WINCH WITH DAMAGED OR MISSING PARTS. FAILURE TO FOLLOW THIS WARNING MAY CAUSE VEHICLE DAMAGE AND OPERATOR INJURY OR DEATH.