



INSTALLATION INSTRUCTIONS WINCH MOUNTING KIT

Part Number: 80560

Application: Suzuki King Quad 400, 4x4 2008+

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.

⚠ 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.
- Never** overtighten the j-bolt to the bracket. Doing so will pinch the winch cable against the bracket, damaging the cable.
- Always** put the end of the actuator cable through the slot in the Termination Bracket. Terminating the cable through any other hole in the bracket will cause the bracket to not function properly and will drastically reduce the life of the actuator cable.

Read installation and operating instructions thoroughly.

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II. TOOLS REQUIRED

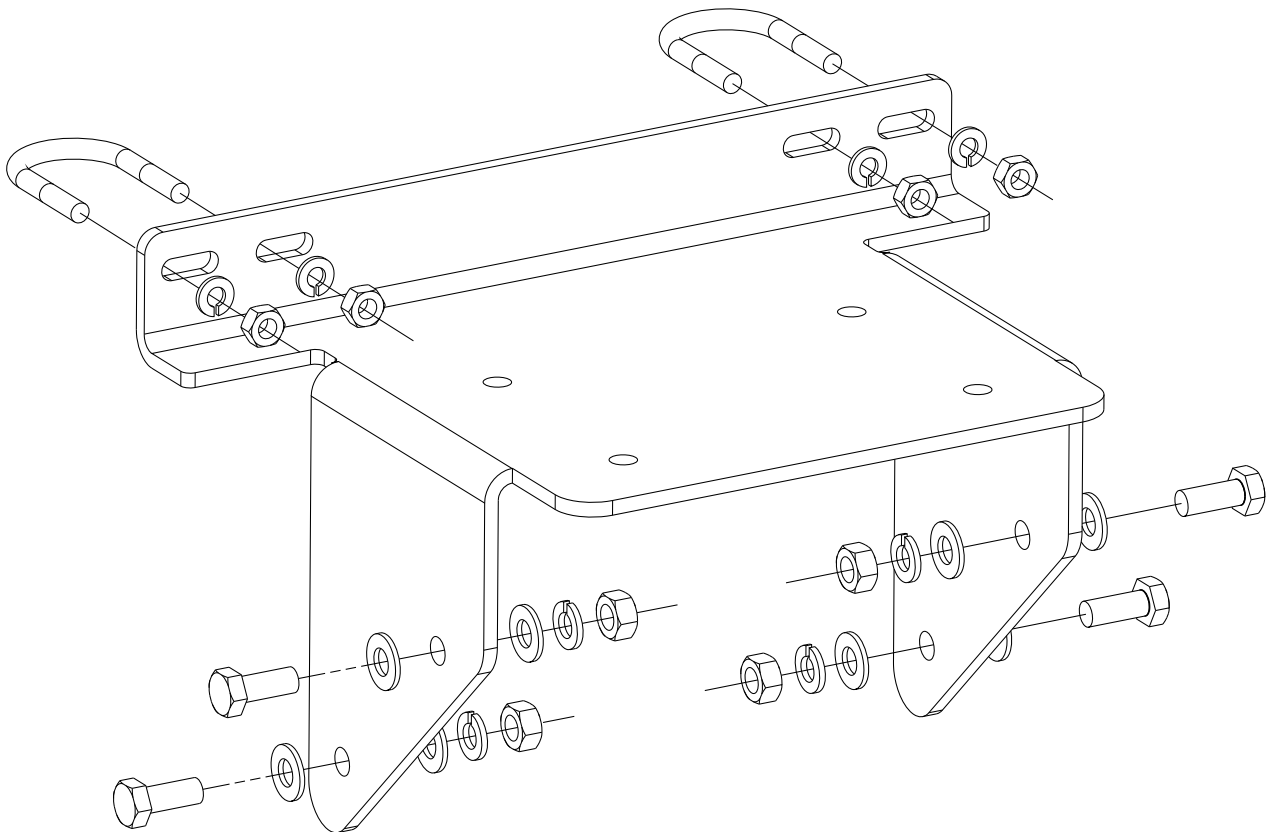
- Ratchet
- 10mm Socket
- 13mm Socket
- 7/16 Socket
- 13mm End Wrench

III. TORQUE SPECIFICATIONS

| | |
|------|------------------------|
| 1/4 | 8 lb. ft. (10.8 N-m) |
| 5/16 | 17 lb. ft. (12.5 N-m) |
| 3/8 | 30 lb. ft. (40.7 N-m) |
| 7/16 | 50 lb. ft. (67.8 N-m) |
| 1/2 | 75 lb. ft. (101.7 N-m) |

IV. PARTS LIST

| <u>Part Number</u> | <u>Qty</u> | <u>Description</u> |
|--------------------|------------|-------------------------|
| 80561 | 1 | Winch Mounting Plate |
| 65099 | 2 | 1/4 - 20 U-Bolt |
| 1322 | 4 | 1/4 - 20 Hex Nut |
| 1321 | 4 | 1/4 Lock Washer |
| 1320 | 2 | 1/4 Flat Washer |
| 34402 | 4 | M8-1.25 x 20mm Capscrew |
| 13455 | 4 | M8-1.25 Nut |
| 1402 | 4 | Lock Washer |
| 1324 | 8 | Flat Washer |



VI. INSTALLATION

1. Remove the front four skid plate fasteners, let the skid plate hang in place. See figure 1 below.



Figure 1

2. Slide winch mount bracket into place from the side. Winch mount should fit between the bottom two factory bumper mounts. See figure 2 below.



Figure 2

3. Place four 8mm x 1.25 Hex Head capscrews with washers in the bottom four holes of the winch bracket, then through the four holes provided in the lower bumper brackets. Place washers, lock washers, and 8mm nuts to the capscrews but do not tighten at this time. See figure 3 below.



Figure 3

INSTALLATION CONT.

4. Place two ¼-20 u-bolts through the slotted holes in the top of the bracket. Place washers, lock washers, and nuts, tighten all fasteners at this time. See figure 4 below.
5. Tighten the lower fasteners at this time. If you are installing a winch at this time leave the skid plate loose to insure access to install the winch bolts.
6. Install fairlead plate which comes in the winch kit make sure fairlead roller is already fastened to it. Place the plate on top of winch mount and align holes in plates. Place your winch on top of both plates and fasten with the metric bolts supplied with your winch. Reinstall skid plate at this time. See figure 5 below.
7. Make electrical connections using manual supplied with winch. A good location to mount the winch contactor, is under the seat in the storage compartment, run hot and ground leads to the battery.



Figure 4



Figure 5



Figure 6

⚠ WARNING

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

⚠ 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.

VI. 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.