INSTALLATION INSTRUCTIONS

YAMAHA ATV WINCH MOUNTING KIT

Mount Kit: 63945

Application: YAMAHA KODIAK 03, 400 & 450

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.

PARTS LIST:

PART NO.	QUANTITY	DESCRIPTION
65859	1	Winch Mounting Plate
1324	6	5/16 Flat Washers
37205	2	¼-20 x 1.00 U-Bolts
1320	4	¼ Flat Washers
6725	4	¼-20 Lock Nuts
63941	2	U-Bolt Spacer Plates
64598	1	Tab Extension Plate
37532	1	M6 x 1.0 x 25mm Hex Washer Hd
7673	1	#10 Flat Washer
2587	1	#10 Lock Washer
2546	1	10-24 Hex Nut
64599	1	10-24 x 5/8 Hex Soc. Button Hd
2002	2	5/16-18 Lock Nut
21331	2	5/16-18 x 1 Hex Capscrew

1. Remove the 6 front skid pan bolts, and set aside. Remove the plastic grab bar cover from the grab bar.

2. Remove the six upper fasteners attaching the front grab bar, and set aside.

3. Loosen two lower fasteners attaching the front grab bar (do not remove).

4. Pull front grab bar away from ATV, and allow to hang forward of the unit.

5. Place winch mount into position inside of the front grab bar.

6. Place u-bolt spacer into position between the front winch mount mounting holes, and place u-bolt over the front grab bar cross bar, through spacer, into front winch mount slotted holes. Secure using flat washer, and lock nut. Hand tighten only at this time.

7. Move winch mount to ensure holes in the winch mount line-up closely with the holes in the grab bar winch mounting tabs.

NOTE: The mounting location for the 2.5ci and 3.0ci winch are different, see middle picture at right for proper mounting location.

2.5ci Mounting

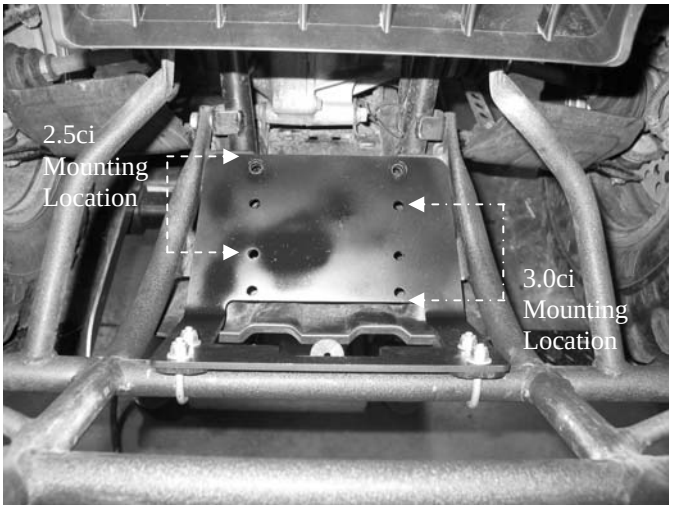
8. Place winch and fairlead plate into position.

NOTE: Tilt motor side slightly to get upper winch electrical connector under grab bar support bar.

9. Secure using 4, 5/16-18 x 1.00 winch mount bolts and lock washers.

10. Tighten u-bolts securely at this time to 7 ft. lbs. of torque.

NOTE: The 5/16-18 bolts and lock washers will be found in the hardware kit that came with the winch.



Tighten fasteners to 17 ft. lbs. of torque.

3.0ci Mounting

11. Secure rear of mounting plate to ATV frame tab extensions using 2, 5/16-18 x 1.00 hex head screws, 2 5/16-18 lock nuts and 2, 5/16 flat washer. Attach winch to mounting plate using 5/16-18 x 1.00 hex head bolts found in hardware kit with winch.

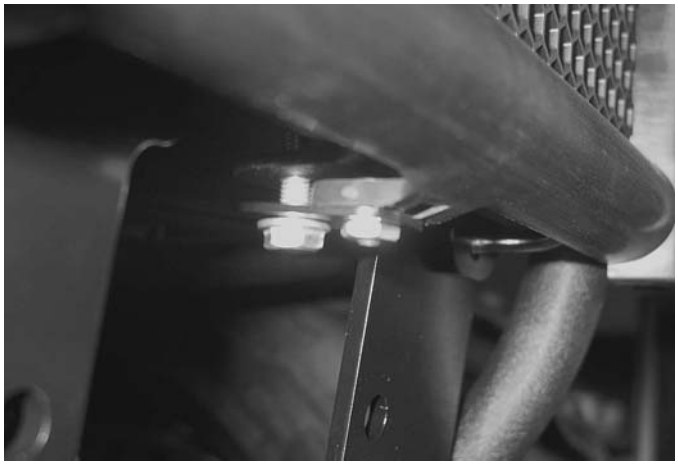
12. Tighten u-bolts securely at this time to 7 ft. lbs. of torque.

13. Attach the extension plate to the bottom tab on grab bar cover (400 Kodiak only). Use the 10-24 x 5\8 button head, flat washers, lock washer and hex nut. Torque should be 2 ft. lbs.

NOTE: The extension plate does not need to be used on the 450 Kodiak application.

14. Attach the grab bar cover to the grab bar using the 6M x 1.0 x 25mm hex washer head bolt. Do not over tighten; just snug the bolt up until the plastic grab bar tab starts move under the pressure.

15. Lift grab bar and secure into position using the six upper fasteners removed in step #2. Tighten 10 ft. lbs. of torque.

16. Tighten two lower grab bar fasteners loosened in step #3. Tighten to 10 ft. lbs. of torque.

17. Reinstall six skidpan fasteners removed in step #1. Tighten to 7 ft. lbs. of torque.