



INSTALLATION INSTRUCTIONS

ATV WINCH ACCESSORY

Winch Mount Kit: Warn PN 62840

Application: 2002+ Arctic Cat 500/400/375/300/250

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 Winch Operator Manual, the ATV Operator Manual, and all warning labels before operating or using your ATV winch.
- Always stay clear of moving parts and cables. Keep others away when operating the winch.
- Always inspect the winch mechanism, fasteners, cables, and adjustments before operating. Replace all worn or damaged parts before operating.
- Always deactivate the winch before leaving the ATV unattended.

READ THE WINCH OPERATOR MANUAL BEFORE FREESPOOLING THE WINCH OR ATTACHING THE HOOK. BE CAREFUL WHEN CUTTING THE RUBBERBAND, THE CABLE IS PRESTRESSED AGAINST THE DRUM AND MAY UNWIND QUICKLY AND WITHOUT NOTICE POSSIBLY HARMING THE OPERATOR.

THE WINCH, WINCH PLATE, AND FAIRLEAD ASSEMBLY IS HEAVY. USE PROPER LIFTING TECHNIQUE WHEN LIFTING THE ASSEMBLY, AND LIFT USING THE FORMED HANDLE ON THE WINCH PLATE. KEEP TOES AND OTHER EXTREMITIES FROM BEING UNDERNEATH THE ASSEMBLY IN CASE THE ASSEMBLY IS ACCIDENTLY DROPPED. USE ANOTHER PERSONS ASSISTANCE IF NEEDED.

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.

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.

I. PARTS LIST

<u>Ref</u>	<u>Part Number</u>	<u>Description</u>	<u>Qty</u>
A1	63202	Winch Plate	1
B1	60273	5/16" dia-1 1/4" long Cap Screw	2
B2	1402	5/16" Lock Washer	2

II. TOOLS REQUIRED

- Ratchet
- 1/2" Socket (or Wrench)
- 1/4" Allen Socket (or Wrench)
- T-40 Torx Socket (or Wrench)

III. INSTALLATION

1. Place the winch down on a flat surface with the motor to your left and the feet pointed up.
2. Rest the Winch Plate (A1) on top of the winch with the handle bent up and pointed away from you. Align the four bolt slots in the plate with four holes in the feet of the winch. 2.5 ci winch owners should center the holes in the feet with the winch plate slots. 3.0ci winch owners should slide the holes in the feet all the way to the left side of the slots.
3. Align a roller-fairlead or cast-metal hawse to the rectangular opening in the Winch Plate (A1) and with the two bolt holes closest to you.
4. Follow one of the two steps below:

If using a roller-fairlead, attach the fairlead and the Winch Plate (A1) to the winch using four 5/16" dia-1 1/4" long bolts and four 5/16" lock washers found in the winch kit. Tighten all four bolts securely. The assembly should look like Figure 3.

If using a cast-metal hawse, attach the hawse to the Winch Plate (A1) and winch using the two 5/16" dia-1" long Cap Screws (B1) and 5/16" Lock Washers (B2). Now attach the Winch Plate to the winch by installing two 5/16" dia-1 1/4" long bolts and 5/16" lock washers, found in the winch kit, in the remaining two bolt holes. Tighten all bolts securely. The assembly should look like similar to Figure 3.

Note: The winch has floating nuts in its feet. In some instances, a nut may be moved off to one side making it impossible to screw a bolt in. If this becomes the case, take a screwdriver and center the floating nut in the winch to the bolt hole opening. Now attach the bolt through the Winch Plate and into the winch.

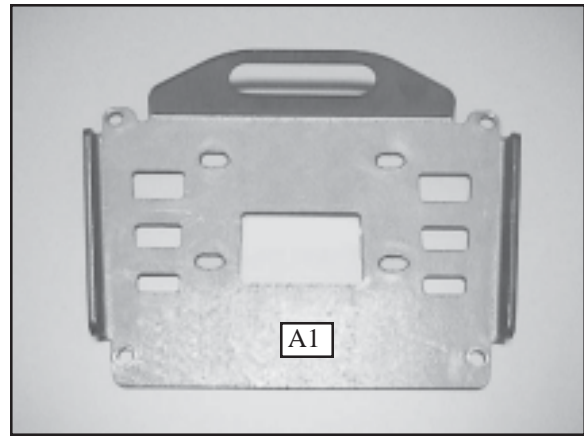


Figure 1 Kit Hardware

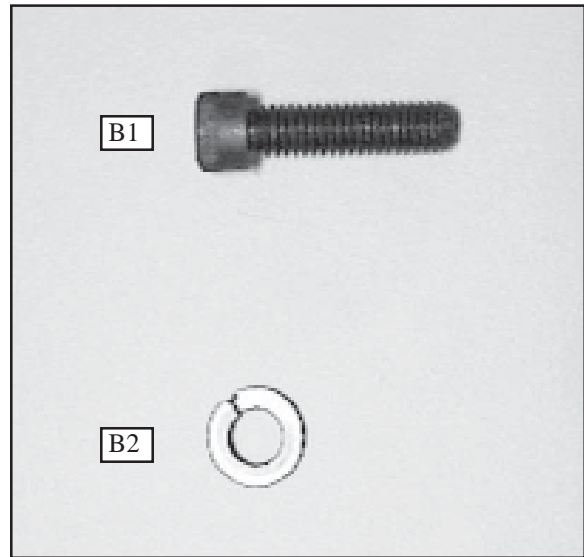


Figure 2 Kit Fasteners

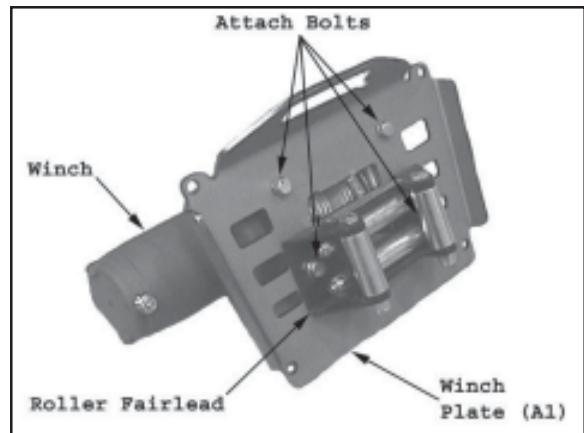


Figure 3 Winch, Winch Plate, and Fairlead

III. INSTALLATION CONTINUED

5. Remove the plastic cover located on the front of the vehicle by removing the four Torx bolts as shown in Figure 4. Keep the bolts for use later in the procedure.

6. At this point you may want to run the end of the cable out the fairlead and attach the hook before mounting it to the vehicle. Read the winch instructions prior to doing this. The rubberband holding the cable together will have to be cut and the winch switched to freespool to accomplish this. Be sure to use the cotter pin when installing the hook.

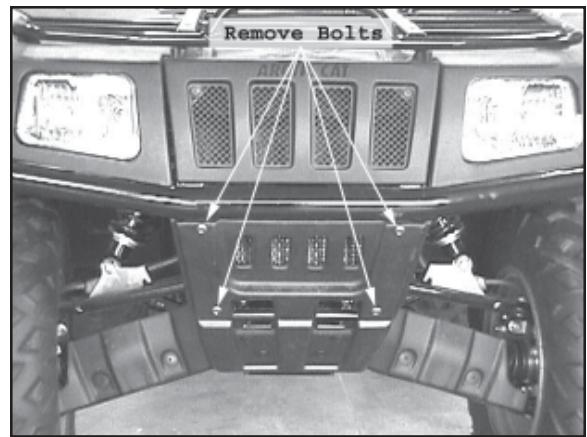


Figure 4 Remove Bolts

⚠ WARNING

READ THE WINCH OPERATOR MANUAL BEFORE FREESPOOLING THE WINCH OR ATTACHING THE HOOK. BE CAREFUL WHEN CUTTING THE RUBBERBAND, THE CABLE IS PRESTRESSED AGAINST THE DRUM AND MAY UNWIND QUICKLY AND WITHOUT NOTICE POSSIBLY HARMING THE OPERATOR.

7. Lift the Winch Plate (A1) by the handle. Leading with the winch motor, position the winch under the front of the vehicle.

⚠ WARNING

THE WINCH, WINCH PLATE, AND FAIRLEAD ASSEMBLY IS HEAVY. USE PROPER LIFTING TECHNIQUE WHEN LIFTING THE ASSEMBLY, AND LIFT USING THE FORMED HANDLE ON THE WINCH PLATE. KEEP TOES AND OTHER EXTREMITIES FROM BEING UNDERNEATH THE ASSEMBLY IN CASE THE ASSEMBLY IS ACCIDENTLY DROPPED. USE ANOTHER PERSONS ASSISTANCE IF NEEDED.

8. While still holding the Winch Plate by the handle, align one of the top bolt holes on the plate with one on the vehicle. Take one of the Torx bolts removed in step 5 and hand thread the bolt through the Winch Plate and into the vehicle. Do the same for the other side. Be sure both bolts are threaded almost all the way into the vehicle before moving on to the next step.

9. Back away from the vehicle and check that the winch and Winch Plate (A1) will not drop off the ATV when you release the handle on the Winch Plate. Once verified, push on the bottom of the Winch Plate and align the two bottom bolt holes with the holes in the vehicle.

10. Use the remaining two Torx bolts removed in step 5 and hand thread the bolts in the two bolt holes in the bottom of the Winch Plate (A1).

III. INSTALLATION CONTINUED

11. Now go back and tighten all four Torx Bolts and all four bolts holding the winch to the Winch Plate (A1) securely. Double check when finished. The completed assembly should look like Figure 5.

⚠ 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.



Figure 5 Completed Assembly

THE WINCH PLATE INSTALLATION IS NOW COMPLETE. PROCEED TO SECTION IV TITLED “MAINTENANCE/CARE”.

⚠ 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

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