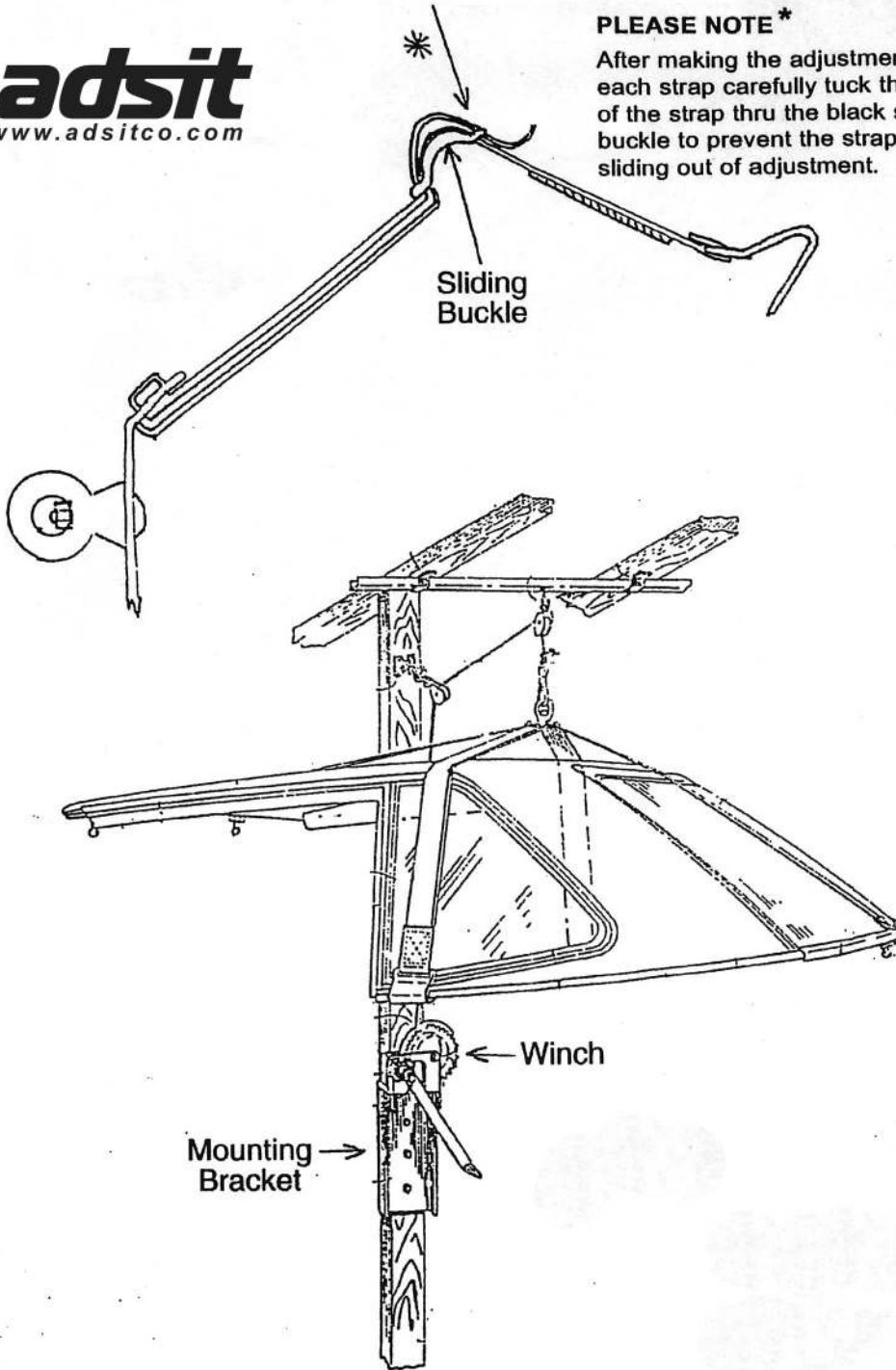


PLEASE NOTE *

After making the adjustment of each strap carefully tuck the end of the strap thru the black sliding buckle to prevent the strap from sliding out of adjustment.



Brake Winch Operating Instructions Model: BHW-800, BHW-1200

**WARNING: CAREFULLY READ ALL INSTRUCTIONS
BEFORE OPERATING THIS WINCH.**

(A) FEATURES

A high quality, multi-purpose winch. Frame is one-piece design, plastic handle grip, high strength alloy-steel gear of one-piece design, welded reel. Baked enamel and plated finish. Automatic brake that ensures suspension of the load.

(B) USE

To lift the top turn the crank clockwise. When releasing the crank, the load remains suspended. To lower the top, rotate the crank counter clockwise. the automatic brake will avoid unwanted release of the top.

(C) IMPORTANT SAFETY INFORMATION

- This winch is not used to transport people or for loads over areas where people could be present.
- Never apply load on winch with cable fully extended. Keep at least three full turns of cable on the reel.
- Operate with hand power and use the crank included. This winch should not be operated with a motor of any kind. If the winch cannot be cranked easily with one hand, it is probably over-loaded.

(D) NOTE

The winch finish can be protected and will provide longer service if it is periodically washed with water and then wiped with light oil or wax.

(E) LUBRICATION

This winch has been fully lubricated at the factory, but for continued smooth performance and increased life, occasionally grease gears, reel shaft, and handle threads.

(F) CAUTION

Do not oil or grease the brake mechanism.

(G) ATTACHING CABLE TO DRUM

1. Thread the lock nut into hole "C". Do not tighten until cable has been threaded.
2. Thread the cable through holes from "A" to "B" and through the threaded portion of the lock nut on the inner drum.
3. Completely tighten the lock nut set into hole "C" of the inner drum.

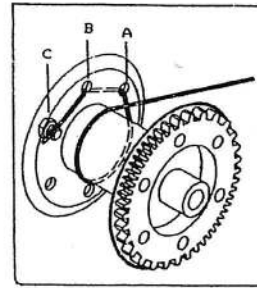
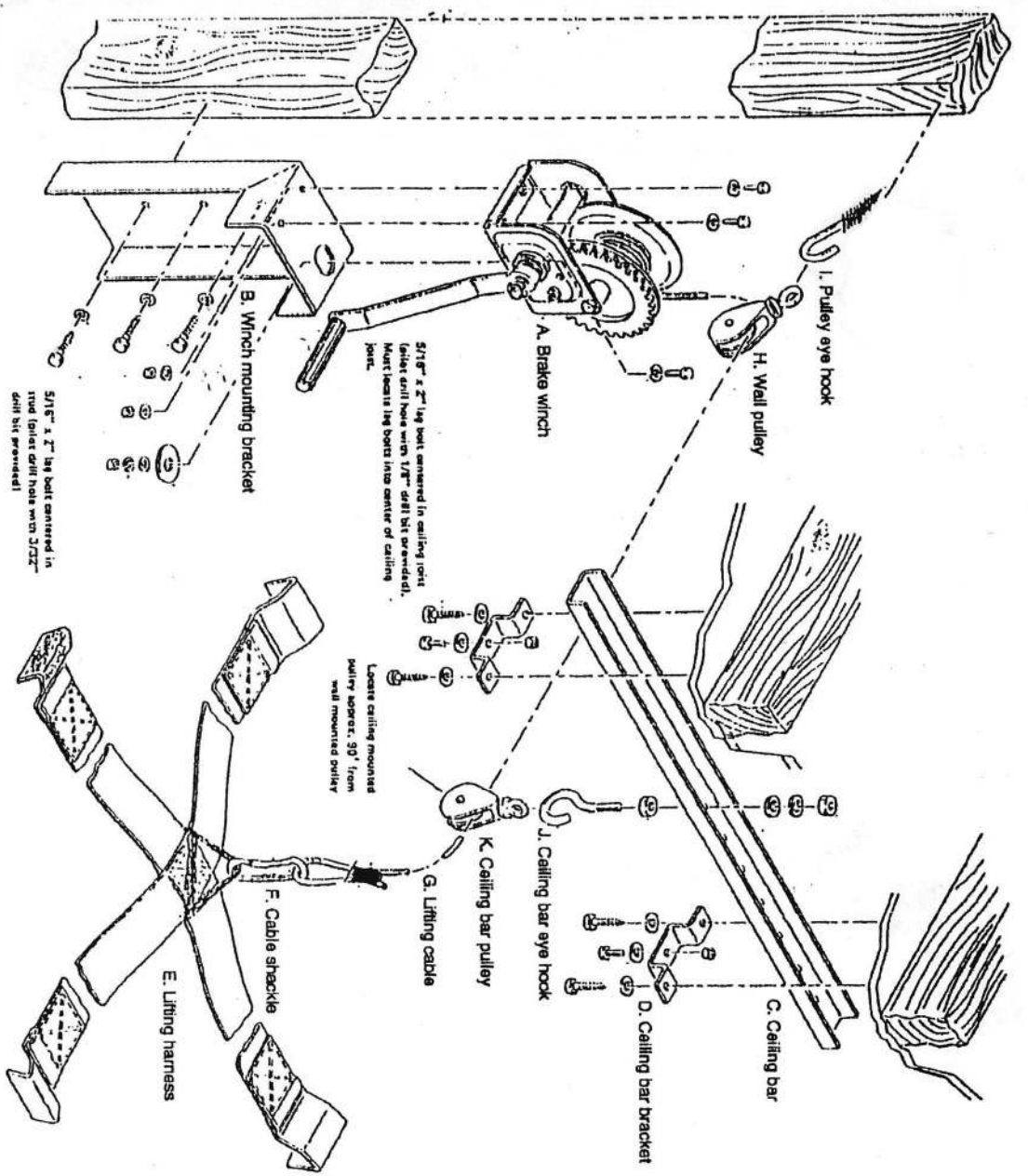


Figure 1

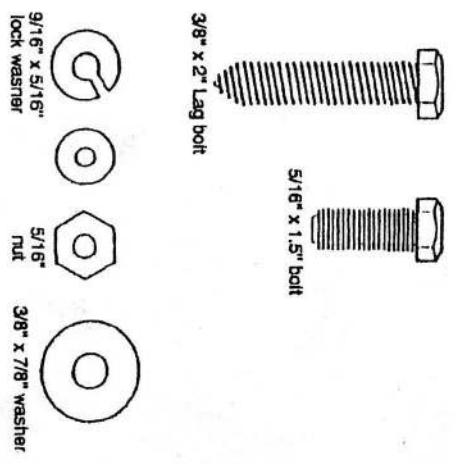
Hoist Installation Diagram and Instructions

U.S. Patent #4600177



NOTE: Do not attempt to raise or lower the lifting cable without a minimum of 50 lbs. weight suspended from cable to ensure engagement of winch safety clutch.

When you are sure that the installation is completed and functioning properly, you may park your car beneath the lifting cable, attach cable to harness with shackle pin and cotter pin and easily remove your hand top with one hand. **NOTE:** The lifting cable will relax on first usage, carefully allow your handtop to rotate 360 degrees. When you have located the exact lifting point so the top lifts without swinging, mark your garage floor for future correct positioning of car.



- Installation Instructions:**
1. Carefully place Lifting harness over hand top, position all 4 hooks after adjusting each strap to specified lengths for your vehicle from chart provided.
 2. Park car in garage and locate vertical lifting point on ceiling directly above lifting harness, and mark location for (C) ceiling bar and (D) ceiling bar brackets, (places car so that one hand will be able to reach the winch when installed on wall and other hand can safely guide the top on and off the auto). Mark winch position for (B) Winch mounting bracket.
 3. Install (B) to wall with 3/8" lag bolts and washers centered on framing stud (drill pilot hole with drill bit provided). Secure winch to mounting bracket with 3/16" nuts bolts and washers.
 4. Ceiling bar (C) and brackets (D) must span two ceiling joists located at pramarked point above lifting harness. Assemble ceiling bar brackets and ceiling bar eye hook pulley before installing 4 1/2" lag bolts and washers to ceiling hoist. (Use small finish nail and hammer to locate center hoist if garage ceiling has a sheetrock finish.
 5. Locate (I) eye hook and (H) pulley at meeting point of wall and ceiling in line with ceiling bar pulley and lifting winch.
 6. Thread (G) lifting cable through (K) ceiling bar pulley across ceiling and through (H) wall pulley. Continue cable to (A) winch and secure to winch drum with crush nut. See drawing provided.
 7. **NOTE:** Always pretest the installed winch assembly with a dead weight of approximately 100 lbs. before attempting to remove your hand top.