



Operator's Manual

Hand Winch

1088 (600lbs single speed)



1089 (1400lbs single speed)



1090 (1100lbs single speed)



1091 (2500lbs double speed)



Carry-On Trailer
Lavonia, GA
1-800-240-3121

Carry-OnTrailer.com

MADE IN THAILAND

⚠ WARNING: Read carefully and understand all INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

DESCRIPTION AND INTENDED USE

For safer, easier boat loading and unloading.

TECHNICAL SPECIFICATIONS

Item	1088	1089	1090	1091
Capacity	600 lbs	1400 lbs	1100 lbs	2500 lbs
Drum capacity	2 in. x 17 ft.	2 in. x 20 ft.	2 in. x 20 ft.	2 in. x 25 ft.
Gear ratio	3.1:1	4.1:1	4.1:1	8:1 & 4:1
Speed	1-speed	1-speed	1-speed	2-speed
Cable	Included	Included	Included	Included

SAVE THESE INSTRUCTIONS

⚠ CAUTION: Do not attempt to operate the hand winch until you have read and understood this instruction manual.

1. Never overload!
2. This winch is designed for pulling, not for lifting!
3. Never put your hand or anything else near the gear, rim and rolling cable (not included; must be added separately). Always wear gloves when using the winch.
4. Never try to repair or disassemble the winch when there is a problem. Take the winch to a qualified repair center.
5. When replacing the cable or strap, make sure that the end of the cable or strap comes through the 4 holes on the side of the rim, and tie a knot in the strap or cable (or weld the end tip of cable to the cable), to prevent the cable or strap from coming out. Then reel the cable or strap by cranking the handle.
6. Use grease for axis and gears before depositing for a long time.
7. After moving the item, be sure to secure it. The winch is intended for short term use only.
8. Keep children and bystanders away while using the trailer winch.
9. Keep at least 4 full turns of the cable or strap on the reel when pulling.

⚠ WARNING: The warnings, cautions and instructions in this manual cannot cover all possible conditions or situations that could occur. It must be understood by the operator that common sense and caution are factors that cannot be built into this product, but must be supplied by the operator.

OPERATING INSTRUCTIONS

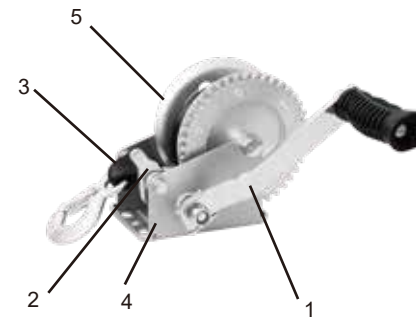
1. Ratchet switch — There are 3 positions for this ratchet switch: The higher position is for pulling, the lower position is for releasing, the middle position is for both pulling and releasing, but can only be used when the winch is loaded. Hold the crank handle tightly if you want to change the switch position.
2. Before using, install the winch on a firm and flat surface. To install it, put the ratchet switch on the middle position and pull the cable out until the holes on the bottom of the base are visible. Then use at least 3 sets of 3/8in. bolts and locking nuts, in a triangular pattern, to affix the base to the surface. Use an extra metal or hardwood board when necessary.
3. Then install the crank handle to the axis bolt with nut.
4. Put the ratchet switch on the higher position and turn the crank handle clockwise to pull. Put the ratchet switch on the lower position and turn the crank handle counterclockwise to release.

CARE & MAINTENANCE

Carry On ensure that its hand winch is not affected by manufacturing and material defects for one year.

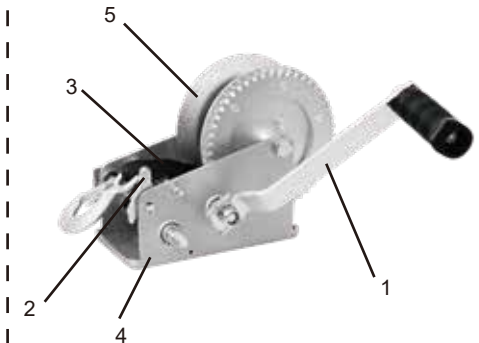
DIAGRAM & PARTS LIST

ITEM No. 1088, 1089, 1090



Part No.	Description
1	Crank Handle
2	Ratchet Switch
3	Strap
4	Base
5	Rim

ITEM No. 1091



Part No.	Description
1	Crank Handle
2	Ratchet Switch
3	Strap
4	Base
5	Rim