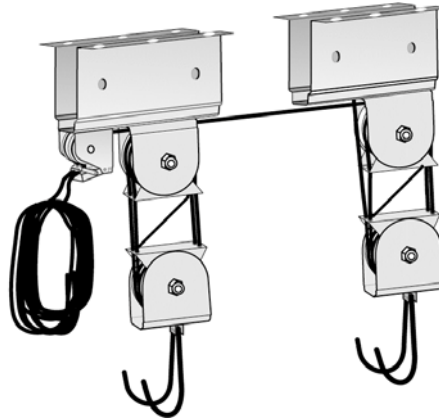


# Storage Pulley Hoist System PH-150

## PH-150 Parts List

- 1 Storage Pulley Hoist System
- 2 Flush Ceiling Mount Brackets
- 1 Rope Tie Down Cleat
- 1 Hardware Bag
- 4--M10 x 63mm Bolts
- 4--M10 Nylon Lock Nuts
- 4--1/4" x 2 1/2" Lag Screws
- 12--#8 x 2" Wood Screws



## Tools Recommended

- 7/16" Electric Drill
- 1/8" Drill Bit
- 7/16" Drill Bit
- Phillips Screwdriver
- Tape Measure
- Socket Set
- Combination Wrench Set

## Important Safety Information

**Read and understand all safety precautions and instructions before use and/or installation.**

- Storage Pulley Hoist System is designed for indoor use only
- Check all rope and hardware connections before each and every use (replace rope annually or at least periodically when showing signs of wear)
- Use only in areas clear of any potential hazards (never install or use in walkways, work areas. Don't walk or stand under a raised load.)
- Always secure raised load with a safety strap on both hook ends (not included)
- Not to be used for people or pets
- Weight must be evenly balanced & kept level when raising and lowering load
- Maximum distributed weight limit is 150 lbs. (75 lbs. per pulley hook set)

## Mounting /Installation Instructions

1. Make sure the item to be stored is within the recommended capacity of the Storage Pulley Hoist System.
2. Determine the two lifting points (not more than 5 feet apart) on the item to be lifted. Make sure the two lifting points allow the hooks to fully cradle the area being lifted to avoid any slippage or sliding of the hooks. Also make sure the lifting points will keep the load balanced.
3. Select a secure mounting surface for securing the Storage Pulley Hoist System. See the section in the instructions for Joist (Exhibit A) or Flush Ceiling Mounts (Exhibit B).
4. The location selected for mounting should have adequate overhead clearance and wall space.

## Lifting with the Storage Pulley Hoist System

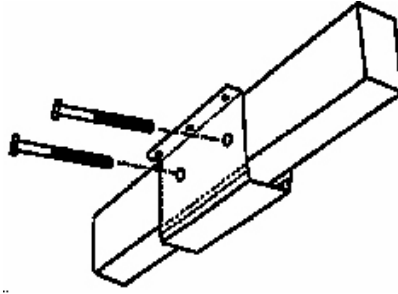
1. Center the storage item under the Storage Pulley Hoist System.
2. Lower the lifting hooks by releasing the ropes evenly.
3. Attach the hooks to the item being stored so the load is evenly balanced. Make sure the hooks are properly secured so the hooks won't slide or unhook.
4. Raise the load evenly a few inches off the floor. Double check to make sure load is balanced to prevent any weight from shifting.
5. Continue to raise the load to the desired height. Have some assistance to secure load with a safety strap on both hooked ends.
6. Release the rope and secure to the cleat already mounted on the wall.

## Lowering with the Storage Pulley Hoist System

1. Remove the safety straps and untie the rope from the mounting cleat making sure locking mechanism is still engaged.
2. Stand clear of the load and grip both ropes firmly. Release the locking mechanism and slowly lower the load until it is resting on the floor.
3. Remove the hooks and raise them to have enough head clearance. Wrap the rope securely around the mounting cleat.

## Direct Joist Mount

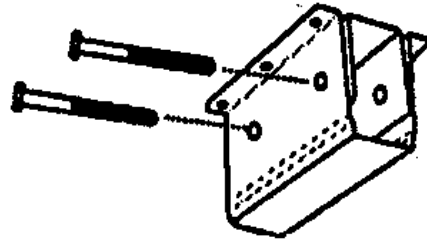
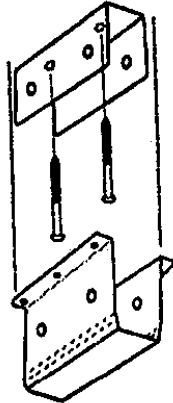
### Exhibit A



1. Place one of the Storage Pulley Hoist System brackets over the ceiling joist or rafter from underneath. Slide the bracket up until it touches the recessed area. Mark the two  $7/16$ " holes on the side of the bracket.
2. Drill the two  $7/16$ " holes just marked.
3. Reposition the bracket over the holes and install the M10 bolts and nuts provided and tighten.
4. Position the other bracket and repeat the above steps. (Remember to keep the brackets distance at 5 feet or less)
5. Reposition the second bracket and install bolts and nuts provided, then tighten.

## Flush Ceiling Mount

### Exhibit B



1. Determine the center of the joist or rafter and place the flush ceiling mount bracket holes on the center of the joist or rafter and mark the holes.
2. Drill two  $1/8$ " pilot holes into the center of joist or rafter.
3. Using the  $1/4$ " Lag screws, mount the bracket to the ceiling.
4. Position the other bracket and repeat the above steps. (Remember to keep the brackets distance at 5 feet or less.)
5. Using the M10 bolts and lock nuts, secure the ceiling brackets to the Storage Pulley Hoist System and tighten.

## Cleat Mount

1. Determine a wall position that will allow the rope to be secured when the load is fully raised or in its storage position.
2. Mark the center of a stud and install the wall cleat vertically by using the two screws provided.

Warning: B.A.C. Industries, Inc. will not be held liable for any damages, losses, or injury due to misapplication or misuse of this product or for any other reason. Proper eye and hand protection should be worn at all times. Never position hoist or load directly above humans. Do not walk or stand below a raised load.

**With questions or for additional products, please contact our office or visit our website.**

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