



## Instruction Sheet

HH-113 Hi-Hoist

### **IMPORTANT: RECEIVING INSTRUCTIONS:**

Visually inspect all components for shipping damage. If any damage is found, notify the carrier at once.

Shipping damage is NOT covered by warranty. The carrier is responsible for all repair or replacement costs from damage in shipment.

# SAFETY FIRST

**IMPORTANT--USER SAFETY AND PROTECTION:** In setting up systems to fit your operations, care must be taken to select the proper components and design to ensure appropriate integration with your operations and existing equipment and that all safety measures have been taken to avoid the risk of personal injury and damage to property and equipment through improper usage.

GB CANNOT BE HELD RESPONSIBLE FOR DAMAGE OR INJURY CAUSED BY UNSAFE USE, MAINTENANCE OR APPLICATION OF ITS PRODUCTS. Please contact GB for assistance when you are in doubt as to the proper safety precautions to be taken in designing and setting up your particular application.



**WARNING**

Do not lift items which weigh more than 100 lbs. Hi hoist cables are rated at 100 lbs maximum capacity.



**WARNING**

Be sure the object to be lifted is firmly supported on or within the hoist lifting cables.



**WARNING**

Always wear approved head protection when lifting objects on the hoist. Use caution when walking or standing below items raised on the hoist.



**CAUTION**

Do not attempt to extend the hoist beyond the upper extension limit. Overextension will result in unsafe conditions and potential damage to the hoist.



**CAUTION**

When lowering the hoist, grasp the ratchet crank handle firmly to prevent it from turning when the ratchet catch is released.



**CAUTION**

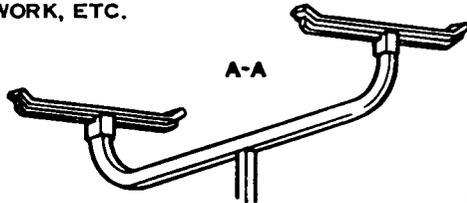
If the Hi-Hoist has subjected to excessive heavy load or strain, inspect the cable and extension tubes for damage. Repair and/or replace the damaged components before using the hoist.

## DESCRIPTION

Two telescoping sections are the main support which will permit raising the hi-hoist to 10 and 13 feet respectively. The sections are raised by a rotating drum and aircraft cable. The collapsed height is 6 feet 4 inches. Three legs support the hoist and each leg has a caster. One leg is stationary and the remaining two are adjustable to allow positioning closer to walls and partitions.

The lifting cradle accepts two types of adaptors. The straight adaptor for flat objects (light fixtures, duct work, ceiling tiles). The "V" shaped adaptor is used primarily for conduit, pipe, or other rounded objects up to 2 1/2" in diameter. (See Figure 1)

ADAPTERS FOR  
STANDARD LIGHT FIXTURES,  
CEILING BOARD,  
DUCTWORK, ETC.



COMBINATION ADAPTERS  
FOR RECESSED FIXTURES  
AND  
FOR PIPE OR CONDUIT  
(CAPACITY: 2-1/2" PIPE  
OR 4" CONDUIT)

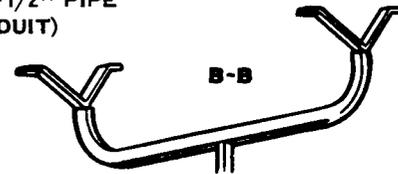


Figure 1

## OPERATION

1. Select and install adaptors on the lifting cradle. Straight adaptors slip over the cradle arms; the "V" adaptors are inserted in the cradle arms. (Refer to Figure 1)

2. Position the legs to provide the maximum stability during a lift. Legs can be adjusted by removing the cotter pin from the leg mounting pin. Remove the mounting pin, position the leg and reinstall the pin. The mounting pin must extend through the two base plates and the short end must hook into the leg hole. (Refer to Figure 2)

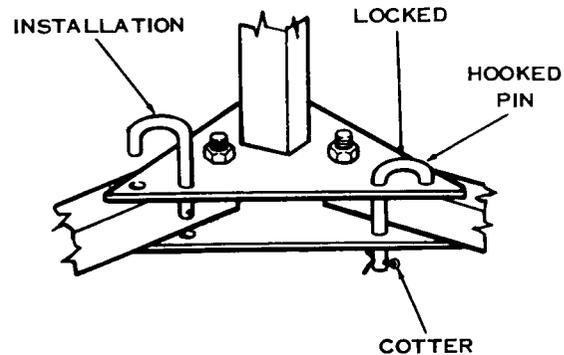
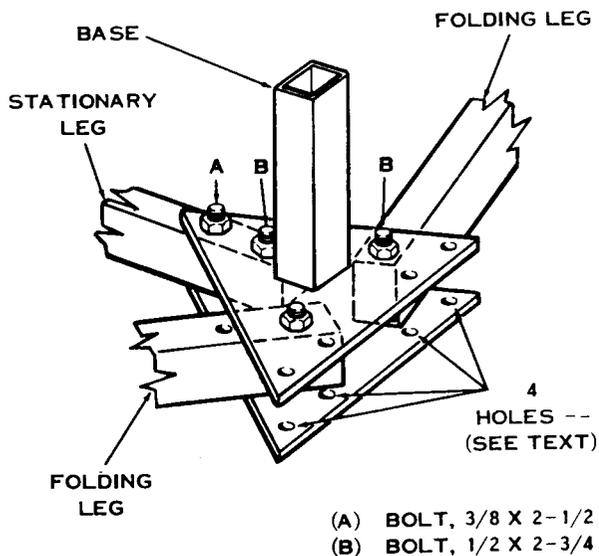


Figure 2

3. Raise the hoist by pulling the upper lock pin(Figure 3) and rotating it 1/4 turn left. The center shaft can be raised to 10 feet by turning the ratchet crank. When the desired height is reached, be sure the ratchet lock engages in a tooth on the cable drum to prevent accidental movement.

**CAUTION** Maximum hi-hoist lifting capacity is 100 lbs. Do NOT attempt to lift objects heavier than 100 lbs.

4. Lower the hoist and turn the upper lock pin 1/4 turn right to lock shaft in place.

5. To extend the hoist to the maximum 13 feet, pull and turn the upper lock pin left. Turn the crank until the hoist stops rising.

Pull and turn the lower lock pin(Figure 3). Continue cranking until the maximum height is reached.

6. For greater stability and strength during heavy lifts up to 10 feet, pull the lower lock pin. Leave the upper lock pin engaged. When cranking, the two shafts will rise together to a maximum of 10 feet.

7. To lower the Hi-Hoist, grasp the ratchet crank to prevent it from turning when the ratchet lock is released. Release the ratchet lock and turn the crank to lower the hoist.

8. Turn the upper and lower lock pins 1/4 turn to the right to lock the shafts.

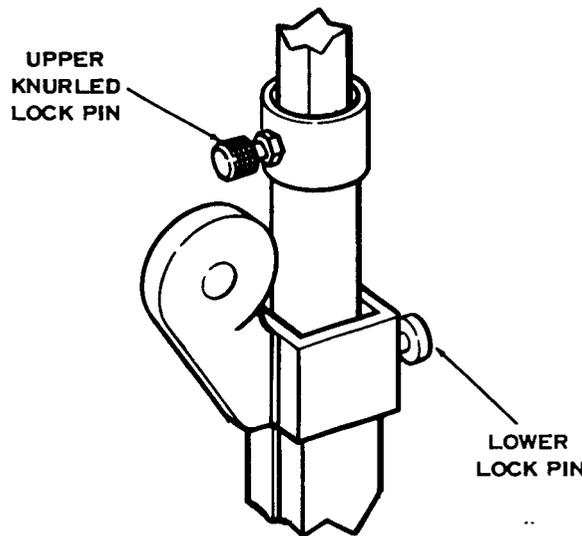


Figure 3

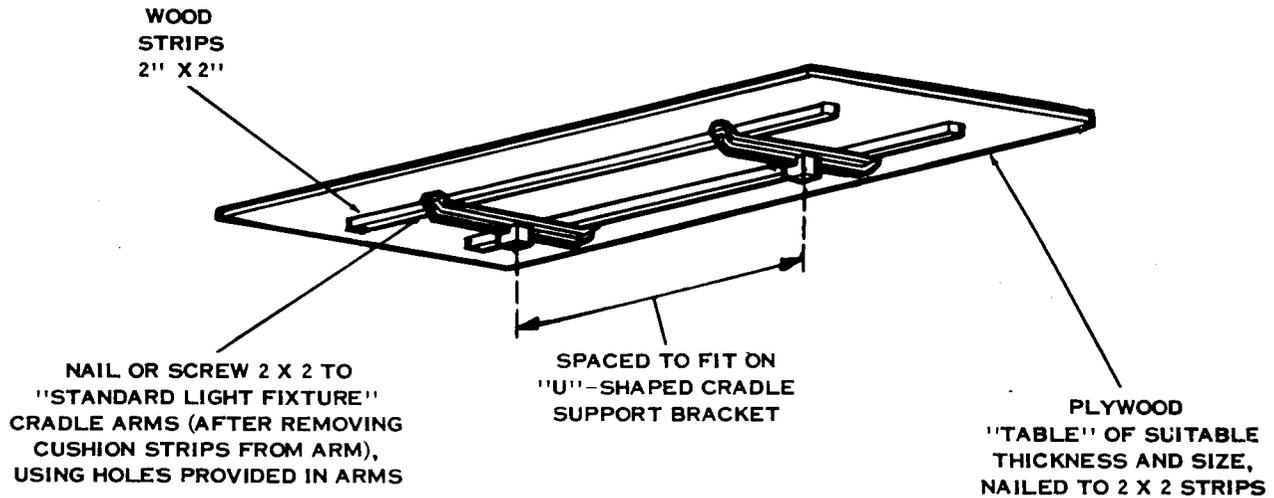


Figure 4

Supporting large flat items like drywall, plywood sheets, ceiling panels etc. can be easier if a platform is constructed as shown in Figure 4.

### Disassembly For Transporting

1. Turn the upper lock pin 1/4 turn right to engage the hoist shaft and keep it locked in place.
2. Remove adaptors from the lifting cradle.

3. Remove the leg mounting pins and fold the two adjustable legs against the stationary leg.

**REPAIR AND SERVICE INSTRUCTIONS:** For repair service and parts contact your nearest GB ELECTRICAL Service Center. The GB ELECTRICAL Service Center will provide complete and prompt service on all GB ELECTRICAL products.

<p><b>PARTS AND SERVICE:</b> For quality workmanship and genuine GB ELECTRICAL parts, select an Authorized GB Service Center for your repair needs. Only repairs performed by an Authorized Service Center displaying the official GB Authorized sign are backed with full factory warranty. Contact GB Electrical (414)352-4160 for the name of the nearest GB Authorized Service Center.</p>	<p><b>WARRANTY:</b> GB ELECTRICAL Inc. warrants its product against defects in workmanship and materials for 90 days from date of delivery to user. Warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products or use of improper fluid.</p>	<p><b>WARRANTY RETURN PROCEDURE:</b> When question of warranty claim arises the user should send his unit to the nearest GB Authorized Service Center for inspection, transportation to be prepaid and evidence of purchase date furnished. If the claim comes under the terms of our warranty the Authorized Service Center will REPAIR OR REPLACE PARTS AFFECTED and return prepaid.</p>
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