

BICYCLE LIFT

Model 95803

ASSEMBLY AND OPERATION INSTRUCTIONS



NOTE: 46' Nylon Rope and Mounting Hardware included but not shown.

Due to continuing improvements, actual product may differ slightly from the product described herein.



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**TO PREVENT SERIOUS INJURY, READ AND UNDERSTAND
ALL WARNINGS AND INSTRUCTIONS BEFORE USE.**

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For technical questions or replacement parts, please call 1-800-444-3353.

SPECIFICATIONS

Construction material: 18 gauge steel plate with steel brackets	Bike capacity: One
Weight of Lift: 3.4 lb.	Nylon Rope length: 46'
Overall dimensions: 4' L X 3-1/2" W X 1" H (May vary due to size of Bike being stored.)	Weight Capacity: 44 lb.
Front Lift Bracket size: 10" L X 3-7/16" W X 3-1/4" H	Hook Pulley size: (2) 2-1/4" L X 3" W X 9-1/4" H
Rear Lift Bracket size: 10" L X 3-7/16" W X 3-1/8" H	Mounting Fasteners: (10) Phillips Head Screws

Save This Manual

You will need this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures, parts list and assembly diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Write the product's serial number in the back of the manual near the assembly diagram, or write month and year of purchase if product has no serial number. Keep this manual and invoice in a safe and dry place for future reference.

GENERAL SAFETY RULES

 **WARNING!**

READ AND UNDERSTAND ALL INSTRUCTIONS
Failure to follow all instructions listed below may result in
electric shock, fire, and/or serious injury.
SAVE THESE INSTRUCTIONS

WORK AREA

1. **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
2. **Always wear ANSI-approved safety goggles when assembling and installing the Bicycle Lift.**
3. **If using a power drill (not included) while installing, be sure to follow all warnings and instructions provided in the manual of the tool you are using.**

4. **Do not store more than one bicycle at a time on the Bicycle Lift.**
5. **Do not exceed the weight bearing capacity of the surface this Bicycle Lift is attached to. The surface must be able to support the 3.4 lb. weight of the Bike Lift as well as the weight of the bicycle (which should not exceed 50 lb.)**
6. **Make sure the lift brackets are securely fastened during installation. Harbor Freight Tools cannot be responsible for damage to your Bicycle, or personal injury if this Bicycle Lift is not properly installed.**
7. **NEVER allow children to play with or use this Bicycle Lift.**
8. **Maintain labels and nameplates on the tool.** These carry important information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
9. **When lowering a Bicycle, do not let children or anyone else stand directly underneath the Bicycle Lift.**
10. **Maintain a safe working environment.** Make sure there is adequate surrounding workspace. Do not use this product in a damp or wet location.
11. **Do not use the Bicycle Lift to support anything except a bicycle.**
12. **Do not let people or animals hang from the Bicycle Lift.**
13. **Regularly check all pulleys and brackets for tightness.**
14. **Do not use Bicycle Lift if the rope begins to fray or if any part is chipped or broken.**
15. **After installing and before first use, test the Bicycle Lift by using small sand-bags (or similar items) that weigh no more than 50 lb. and are evenly distributed between the front and back pulleys.** This will show if the Bicycle Lift is installed properly before a bicycle is stored on the unit.
16. **The warnings and precautions discussed in this manual cannot cover all possible conditions and situations that may occur.** It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

UNPACKING

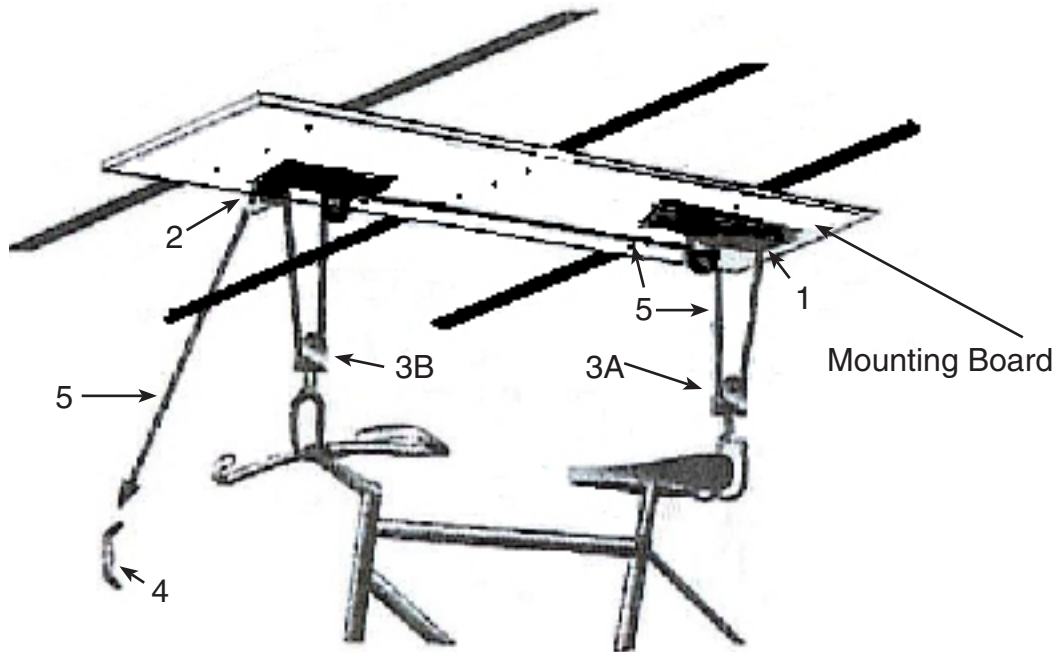
When unpacking, check to make sure that the item is intact and undamaged. If any parts are missing or broken, please call Harbor Freight Tools at the number shown on the cover of this manual as soon as possible.

ASSEMBLY INSTRUCTIONS

NOTE: For additional information regarding the parts listed in the following pages, refer to the Assembly Diagram on page 8.

NOTE: Tools required: Phillips Head Screwdriver (not included), or Power Drill/Screwdriver (not included).

Figure 1

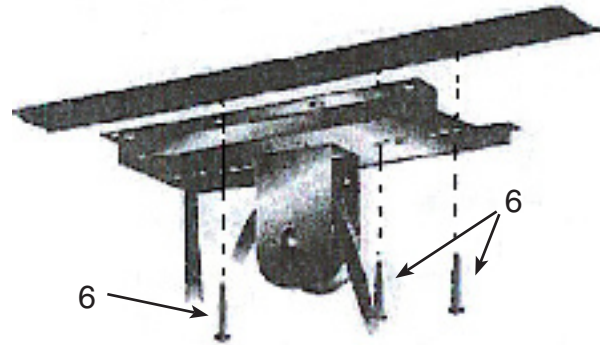


1. For best results mount the Lift Brackets (1 & 2) so the Hook Pulleys (3A & 3B) are directly above the Bicycle's seat and handlebar. See **Figure 1**

NOTE: If you wish, you may attach the entire assembly to a Mounting Board (not included), then mount the board to the ceiling joists. See **Figure 1**

2. Measure the distance between the handlebars and the back of the seat. This is where the Hook Pulleys (3A & 3B) will be attached to the bike. See **Figure 1**
3. Use a stud finder (not included) to locate a ceiling joist. If your ceiling is covered with drywall, look for nails, irregularities or attached fixtures. These are clues to locating joists. Use a small nail (not included) or a screwdriver (not included) to run a pilot hole into the ceiling to insure you have located a joist. Once a joist is located, measure from the sidewall to the joist. Transfer your seat/handlebar measurement along the length of the joist so Front and Rear Lift Brackets (1 & 2) will line up. See **Figure 1**

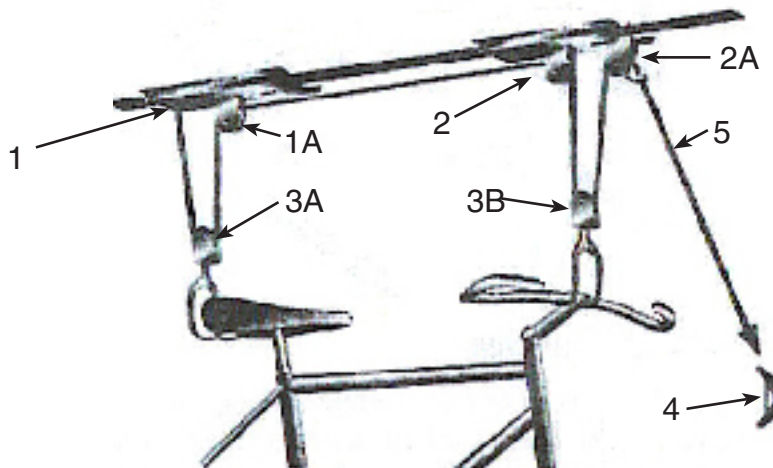
Figure 2



4. Using the Wood Screws (6) provided, mount each of the Lift Brackets (1 & 2) to either the joists or the Mounting Board. See **Figure 2**
5. Ensure that the Hook Pulleys (3A & 3B) line up with your Handlebar/Seat measurements. See **Figure 1**

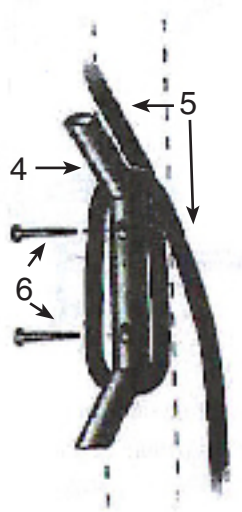
NOTE: If you are planning to mount the Lift Brackets (1 & 2) across the joists instead of parallel with them, you will need to use a Mounting Board as seen in **Figure 1**

Figure 3



6. Push one end of the Nylon Rope (5) up through the square hole on the Rear Lift Bracket (1) and tie a double knot. Thread the Rope down through the Rear Hook Pulley (3A), then up through the Pulley on the Rear Lift Bracket (1A). Lead the Rope through the rear pulley of the Front Lift Bracket (2) and then down through the Front Hook Pulley (3B). Finish by taking the Rope up through the Pulley of the Front Lift Bracket (2A). The remainder of the Rope (5) will now hang free and be used to raise and lower your bike. Excess Rope will be tied off at the Rope Cleat (4). See **Figure 3**

Figure 4



7. Using the final two Wood Screws (6), attach the Rope Cleat (4) to a stud or other secure surface located on the side wall. If no stud is available, you can use wall anchors (not included). **Do not cut the Rope (5). Use the Rope Cleat to wrap the excess. See Figure 4**

OPERATION INSTRUCTIONS

RAISING THE BIKE FOR STORAGE

1. Before first use, test the Bicycle Lift by using small sandbags (or similar items) that weigh no more than 50 lb. and are evenly distributed between the front and back pulleys. This will show if the Bicycle Lift is installed properly.
2. Lower Front and Rear Hook Pulleys (3A & 3B) as evenly as possible and to a height where you can comfortably lift the Handlebars and Seat onto the Front and Rear Hook Pulleys (3B & 3A). Tie off the Rope (5) on the Rope Cleat (4) to prevent slippage of the Pulleys as you lift the Bike onto the Hook Pulleys.
3. Once the Handlebars and Seat are securely hanging on their respective Hook Pulleys, unfasten the Rope (5) from the Rope Cleat (4) and slowly and evenly pull the Bicycle to the height needed. Anytime you release pressure on the Rope you will engage the Rope Lock located on the Front Lift Bracket (2) and the Bike will stay where it is suspended at the time.
4. After you have raised the Bicycle to the height you where you want it to be, wrap the Rope (5) around the Rope Cleat (4) using a figure eight motion. NEVER cut off excess rope.

REMOVING THE BIKE FROM STORAGE

1. Unwrap the Rope (5) from the Rope Cleat (4). Even though the Bike should be held secure by the Rope Lock to prevent it from falling, hang on to the Rope (5) securely as an added safety precaution.
2. While maintaining tension on the Rope (5), pull it towards the Rear Lift Bracket (3A). This will release the Rope Lock and the Bike can then be lowered slowly to a height where it is comfortable for you to lift the Handlebars and Seat away from their respective Hook Pulleys. Before removing the Bike from the Hook Pulleys, secure the Rope (5) around the Rope Cleat (4) to prevent the Bike from suddenly dropping.
3. After removing the Bicycle from the Bike Lift, raise the Hook Pulleys (3A & 3B) to a height where they will not be at risk to anyone walking beneath them. Tie off the excess Rope (5) by wrapping it around the Rope Cleat (4).

INSPECTION, MAINTENANCE, AND CLEANING

1. **BEFORE EACH USE**, inspect the general condition of the tool. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, damage or frayed strands on the Rope (5), and any other condition that may affect its safe operation. If anything abnormal should occur, have the problem corrected before further use. **Do not use damaged equipment**

MAINTENANCE CHART						
Maintenance Type	Before Use	After Use	Weekly	Monthly	Every 6 Months	Yearly
Inspect tool for damage (see #1, above)	X				X	
Wipe off with clean, moist cloth		X			X	

TROUBLESHOOTING

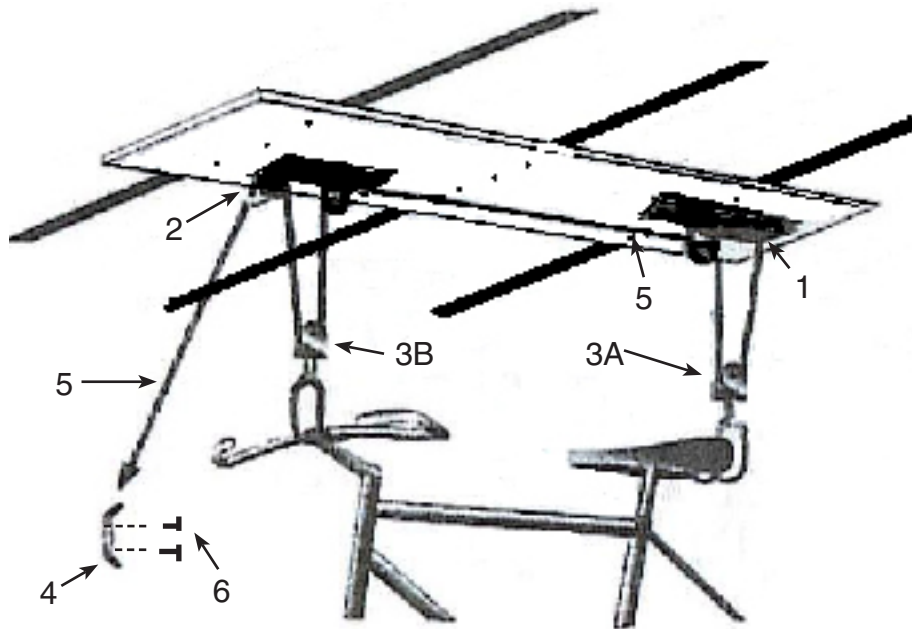
Problem	Possible Causes	Probable Solutions
Rope (5) binds or will not pull smoothly	<ol style="list-style-type: none"> 1. Rope has somehow slipped off of a pulley. 2. Rope is frayed and broken strands are imbedded around one of the pulleys. 3. Pulleys may need some lubricating. 	<ol style="list-style-type: none"> 1. Check Rope (5), make sure it is on each pulley. 2. Check the Rope (5) for fraying or broken strands. If any damage is found, Immediately replace the Rope. DO NOT try to repair with tape. 3. Lubricate Pulleys with a drop or two of light oil (not included).

PARTS LIST

Part	Description	Q'ty
1	Rear Lift Bracket and Pulley	1
2	Front Lift Bracket and Pulley	1
3A	Rear Hook Pulley	1
3B	Front Hook Pulley	1

Part	Description	Q'ty
4	Rope Cleat	1
5	Nylon Rope	1
6	Wood Screws	10

ASSEMBLY DIAGRAM



Record Product's Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.