

## INSTALLATION INSTRUCTIONS

### **MODEL: 20060 – OAKRAK™ LEAN MACHINE**

**THANK YOU FOR YOUR PURCHASE.** We take a **SATISFACTION GUARANTEED** approach to our products and our business. If you are not satisfied in any way, or if we can provide you with assistance or information, PLEASE call us TOLL FREE at 800-346-7332.

The OAKRAK™ Lean Machine is designed to hold two bicycles, and other accessories while leaning against the wall. This Fulcrum – design rack uses the power of gravity to securely store two bikes without any permanent mounting.



#### **Bill of Material:**

1.	20060C	Oak Main Body	2
2.	20060D	Oak Legs	2
3.	20060E	Oak Leg connector piece	1
4.	20060F	Oak Main body connector	2
5.	20060G	Powder-coated Bike Arm	4
6.	20060H	Adhesive backed Rubber dots	4
7.	20060J	Velcro Straps for bike wheels	2
8.	20060K	1 ¼ inch screw	8
9.	20060L	1 9/16 inch screw	4
10.	20060M	2 inch permanent mount screw	4
11.	20060N	Gold Cap Nut	16
12.	20060P	Philips Head Screw	8
13.	20060Q	Threaded Rod	4
14.	20060R	Wood Shaker Peg	4
15.	20060S	Wood Button	4
16.	20060T	4mm Hex Key	2



# SAFETY NOTICE

## READ BEFORE INSTALLING AND USE

1. **BEFORE DRILLING & INSTALLING** mounting hardware – **BE SURE NO** electrical, gas, water, or other obstructions will be interfered or damaged. **NOTE:** Drilling into electrical or gas lines can result in serious injury, death, and/or fire. If unsure of the exact location of these obstructions, seek Professional help.
2. **DO NOT INSTALL** over personnel, work areas, and/or walkways.
3. **BEFORE INSTALLING** – **BE SURE** structure where Lean Machine is to be used is **ADEQUATE** enough to support the Lean Machine and the load(s) to be stored. If unsure, seek Professional help.
4. **BEFORE LIFTING** – **BE SURE** no personnel and/or animals are under or near the load to be lifted.
5. The Lean Machine is designed for indoor use **ONLY**.

## INSTALLATION INSTRUCTIONS

### STEP ONE – Determine Location

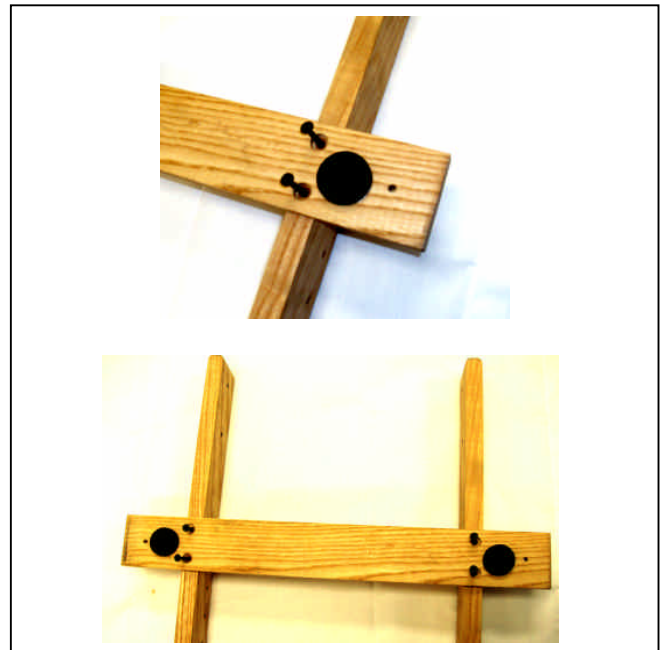
Make Sure to pick a location that isn't in a normal high traffic area. In addition, make sure that the wall surface you are going to lean the rack against is strong and sturdy. You will need to allow for enough room to each side of the rack to accommodate your bikes, so please bear that in mind as well.

### STEP TWO – Main Body Frame Assembly

Locate 2 Uprights. Position thin side up (flat side) as shown:  
Place side by side and align pilot drill holes on uprights.

Attach upper-notched brace to uprights. Slip notch over first upright, aligning holes in brace to pilot holes in upright. Using 1 ¼ inch screws, secure brace to first upright. Repeat step attaching second upright to first brace.

Attach lower notched brace to uprights (same as above).



### STEP THREE - Leg Assembly

Locate 2 slant cut legs. Place side by side so they match.  
Locate 2 holes approximately 11" from bottom of each leg.  
Place leg brace between legs and attach using 1 9/16 inch screws.



#### **STEP FOUR - Attach Leg Assembly to Main Frame Assembly**

Locate 4 threaded rods and 8 Gold Cap Nuts. Screw 1 Cap Nut on each of the 4 rods – DO NOT SCREW on tightly at this time.

Lay Frame assembly flat (brace side down). Align leg holes to holes at the bottom of frame assembly. Push threaded rod through holes and attach using remaining 4 Cap Nuts. Use both supplied Hex Keys to tighten



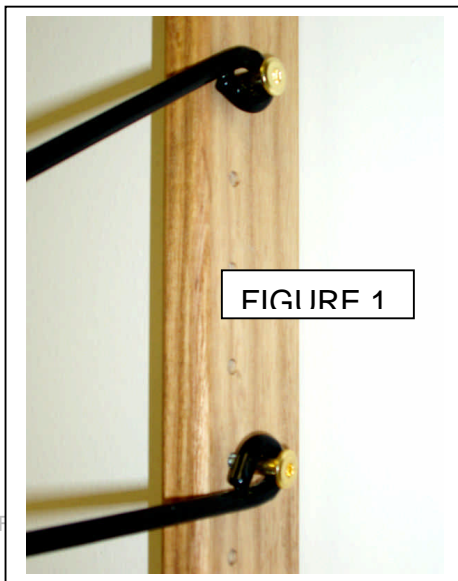
#### **STEP FIVE - Attach Metal Coated Arms**

Decide the placement of the arms based on the two bikes you plan on storing. It's a good idea to measure the distance from the ground to the top of the handlebars, and use that distance to space the two sets of arms. Remember, the arms can be mounted in any configuration necessary to accommodate your bike; you can mount one side lower than the other to accommodate slant tube frames or you can mount the arms straight across from one another for straight tube frames.

Once you have determined the placement, locate 2 Gold Cap Nuts, and 2 Philips Head Screws, and 1 bike arm. Set the Bike Arm on the outside of the Oak Main Body, and line up the top loop on the Bike arm with one of the mounting holes on the Oak Main Body. Next, insert the Philips Head Screw from inside of the Oak Main Body, through the mounting hole, and through the bike arm top loop. Thread a Gold Cap Nut on to screw and hand tighten. Repeat for bottom loop of bike arm (You may have to pull up or push down on the bottom loop to line it up just right with a mounting hole in the Oak Main Body)

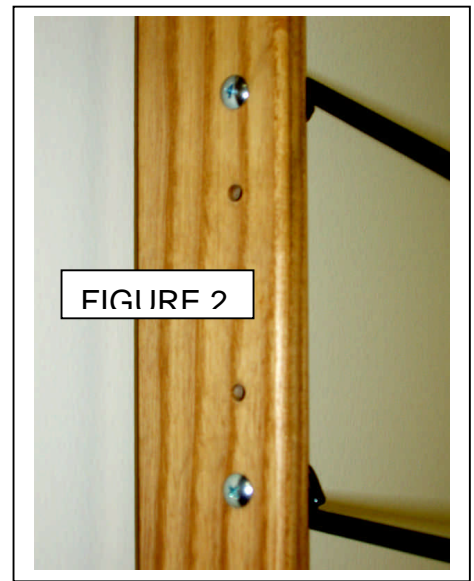
Finally, Use the hex key provided to stabilize the Gold Cap Nut, and tighten the screw with a Philips Screwdriver (not provided).

Repeat for the rest of the bike arms.



GOLD CAP NUTS TO OUTSIDE AS IN FIGURE 1

PHILIPS HEAD SCREWS INSIDE AS IN FIGURE 2



## **STEP SIX – ATTACH RUBBER DOTS TO BACK OF RACK**

*\*If you intend on using the optional permanent mount method, skip to next section – do not attach rubber dots to back of rack if you intend on permanently mounting the rack*

Remove Adhesive back from Rubber Dot, and place on the backside of Oak Main Body Connector Piece as shown in picture below. Repeat for other 3 corners.



**\*OPTIONAL PERMANENT MOUNT**

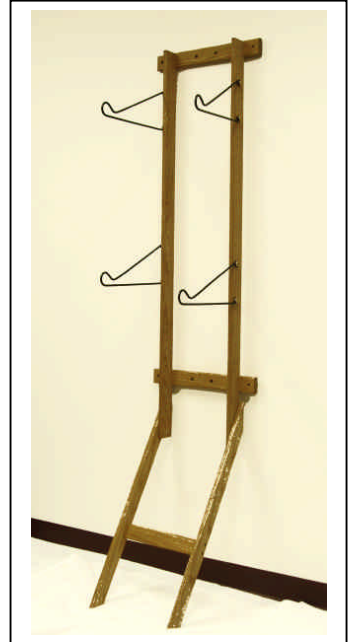
## **\*OPTIONAL PERMANENT MOUNTING**

If you would like to permanently secure the lean machine to the wall, start by locating your wall studs behind the area you wish to use the lean machine, and placing a small mark on each for reference on placing the rack. Next, Line up the mounting holes located on the Oak Main Body connector pieces to the studs (studs should be 16" apart center to center). Use the 2 inch screws, insert into mounting holes, and screw into stud in wall. Repeat for remaining three mounting holes.

## **STEP SEVEN – INSERT WOOD PEGS AND WOOD BUTTONS**

At this point your rack should be put together, and leaned against the wall as shown in this figure

Locate the 4 wood pegs and 4 wood buttons and insert them in the holes as indicated in the Pictures below. Repeat steps as necessary until all wood pegs and buttons are installed.



## **VELCRO STRAPS**

The picture below helps to explain the use for the Velcro straps included with your rack. The straps will prevent the front tire from swiveling back and forth while the bike is being stored on the lean machine. Simple unravel the Velcro strap, wrap it around the front tire, and around the bottom tube section of the bike.



## **WARNING**

User assumes total responsibility for the proper installation and use of this product. Sports Solutions will not be held liable for damages or injuries resulting from the installation and/or use of this product. If the installer or user is unsure of the requirements described herein, it is his/her responsibility to seek adequate professional assistance or contact Sports Solutions at 800-346-7332. **REMEMBER** – stored bicycles can fall resulting in injuries and/or property damage when not properly installed or used.

**THANK YOU** again for your purchase. We have worked hard to make sure the product you purchased is of top quality and that all parts and necessary instructions have been included. If we have overlooked anything, or if we can be of assistance that helps you install or better use our product, **PLEASE** give us a call on our **Toll Free Customer Hotline 800-346-7332. YOUR SATISFACTION IS OUR TOP PRIORITY.**

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