

REVOLUTION ROWING[®]

Sculling Boat Hanger Assembly and User's Manual



Items in the box:

- (2) Sculling Boat Hangers
- (4) 4 Inch X 1/4 Inch lag screws
- (4) 1/4 Inch Flat Washers

Tools Needed:

- Tape Measure
- Stud Finder
- Pencil
- Bubble Level And String
- Drill
- 3/16 Inch Drill Bit
- 7/16 Inch Hex Bit Or Socket Wrench

Step 1: Determine your Mounting Location

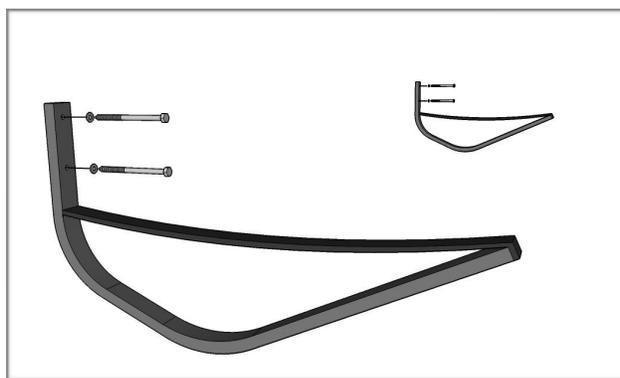
Your Sculling Boat Hangers can be either mounted to a wall or to posts. Posts can include fence posts, deck posts or free standing posts. Posts should ideally be no shorter than 8 feet apart for single sculls and no shorter than 10 feet apart for double sculls. Boats should rest on your Sculling Boat Hangers directly fore and aft of the cockpit.

When considering your mounting location, decide whether or not you would like your boat inside or outside and whether or not you would like your boat to remain rigged or de-rigged. Due to clearance issues, wall and fence post mounted Sculling Boat Hangers will usually not allow you to leave your boat rigged.

If mounting your boat outside, mount your boat away from obvious obstacles and hazards, including but not limited to, trees, power lines, walkways etc. We also recommend mounting your Sculling Boat Hangers against a structure such as a building or a fence. Mounting your Sculling Boat Hangers against a structure will help protect it from the elements, such as high winds.

Warning! The included hardware is for mounting to wood posts or studs only. If you would like to mount your Sculling Boat Hangers to a different material, please contact Revolution Rowing Immediately.

Step 2: Mounting Your Sculling Boat Hangers



Once you have chosen your mounting location, you will need to determine whether or not the floor or ground between your studs or posts is level.

If the floor or ground is level, simply use a tape measure to determine the height off of the ground where you would like to mount your Sculling Boat Hangers. If mounting to a wall,

use a stud finder to find the studs you plan to mount to. Place one of the Sculling Boat Hangers against the stud or post. Use one of your 1/4 inch x 4 inch lag screws to make impressions by inserting the lag screws through the mounting holes of the Sculling Boat Hanger and pressing into the stud or post. Use a drill with a 3/16

inch drill bit to drill pilot holes where you just made the impressions. Use your drill and a 7/16 inch hex bit OR a socket wrench with a 7/16 inch socket to screw (2) of the 1/4 inch X 4 inch lag screws and (2) of the 1/4 inch flat washers flush through the mounting holes of one Sculling Boat Hanger and into the pilot holes in the stud or wall. Repeat for the second Sculling Boat Hanger.

If the floor or ground is not level, you will need to determine where you would like to mount your Sculling Boat Hangers by first determining the height of the Sculling Boat Hanger that is the shortest distance off of the ground. Mount this Sculling Boat Hanger first by placing one of the Sculling Boat Hangers against the stud or post. Use one of your 1/4 inch x 4 inch lag screws to make impressions where the mounting holes of the Sculling Boat Hanger meets the stud or post. Use a drill with a 3/16 inch drill bit to drill pilot holes where you just made the impressions. Use your drill and a 7/16 inch hex bit OR a socket wrench with a 7/16 inch socket to screw the 1/4 inch X 4 inch lag screws flush through the mounting holes on the Sculling Boat Hanger and into the pilot holes in the stud or wall.

Use a bubble level attached to a string to determine the height of the Sculling Boat Hanger that is the greater distance above the ground. Attach the string to the top of the already mounted Sculling Boat Hanger with a piece of tape and run the length of the string to the desired mounting location of the next Sculling Boat Hanger. Attach the bubble level to the center of your string and then level your string using the bubble level. Make a mark with a pencil where the string crosses your desired mounting location. Mount the second Sculling Boat Hanger by placing the top directly under your pencil mark. Place the remaining Sculling Boat Hanger against the stud or post. Use one of your 1/4 inch x 4 inch lag screws to make impressions where the mounting holes of the Sculling Boat Hanger meets the stud or post. Use a drill with a 3/16 inch drill bit to drill pilot holes where you just made the impressions. Use your drill and a 7/16 inch hex bit OR a socket wrench with a 7/16 inch socket to screw (2) of the 1/4 inch X 4 inch lag screws and (2) of the 1/4 inch flat washers flush through the mounting holes on the Sculling Boat Hanger and into the pilot holes in the stud or wall.

Warning! Make sure your Sculling Boat Hangers are mounted securely. When tightening the lag screws, it is okay to dimple the aluminum ever so slightly to ensure a tight connection. Hangers should not wiggle if mounted properly.

Step 3: Load Your Scull Into The Sculling Boat Hangers

The Sculling Boat Hangers are made to allow for easy one person loading/unloading. To load/unload your scull from your Sculling Boat Hangers, lift your scull from the center balance point and rest the scull on the Sculling Boat Hangers so that they are directly fore and aft of the cockpit of your boat. Finally, secure your scull in place by hooking the attached bungee cords to the hooks located below the mounting holes.

Sculling Boat Hanger Use Guidelines

When using Revolution Rowing Sculling Boat Hangers, there are precautionary measures that the user must follow. The following list will guide you to use your product in a safe manner.

- Only use approved fasteners and mounting hardware provided by Revolution Rowing to assemble and Sculling Boat Hangers. Fasteners and hardware should be inspected periodically for wear, corrosion and fatigue.
- Only mount your Sculling Boat Hangers to secure posts, walls or studs that will bear a load.
- Never exceed the manufacturer's recommended weight limit for your Sculling Boat Hangers. Total load weight is the sum of the weight of your scull plus the weight of accessories. Total load weight should not exceed 80 lbs.
- Never stand under your Sculling Boat Hangers while in use.
- Consult Revolution Rowing if you have any questions about the operation or limitations of Revolution Rowing products.

Limited 30 Day Warranty

Effective September 3, 2015

Revolution Rowing will warranty all Revolution Rowing brand Sculling Boat Hangers manufactured by Revolution Rowing for a period of 30 days after purchase. This warranty is available to the original retail purchaser and will terminate if the purchaser transfers the product to any other person.

Subject to the limitations and exclusions described in this warranty, Revolution Rowing will remedy defects in materials or workmanship by repairing or replacing, at its option, a defective product without charge for parts or labor. In addition, Revolution Rowing may elect, at its option, not to repair or replace a defective product but rather issue to a purchaser a refund equal

to the purchase price paid for the product, minus shipping charges.

No warranty is given for defects caused by normal wear and tear, cosmetic rust, scratches, accidents, unlawful storage, or modification of, or any types of repair of, a Revolution Rowing storage product other than those authorized by Revolution Rowing.

No warranty is given for defects resulting from conditions beyond Revolution Rowing's control including, but not limited to, misuse, overloading, or failure to assemble, mount or use the product in accordance with Revolution Rowing's written instructions or guidelines.

No warranty is given for Revolution Rowing products purchased outside of the United States.

In the event that a product is defective, the purchaser should contact Revolution Rowing via the contact information available at the web address at the bottom of this page.

In the event that a product needs to be returned to Revolution Rowing, Revolution Rowing will provide the purchaser with the appropriate mailing address and any additional instructions. Please note that the purchaser will be responsible for the cost of mailing the product to Revolution Rowing.

Disclaimer of Liability

Repair or replacement of a defective product or the issuance of a refund or credit (as determined by Revolution Rowing) is a purchaser's exclusive remedy under this warranty. Damage to a purchaser's vehicle, cargo and/or to any other person or property is excluded.

This warranty is expressly made in lieu of any and all other warranties, express or implied.

Revolution Rowing's sole liability to any purchaser is limited to the remedy set forth above. In no event will Revolution Rowing be liable for any lost profits, lost sales, or for any consequential, direct, indirect, incidental, special, exemplary, or punitive damages or for any other damages of any kind or nature.