



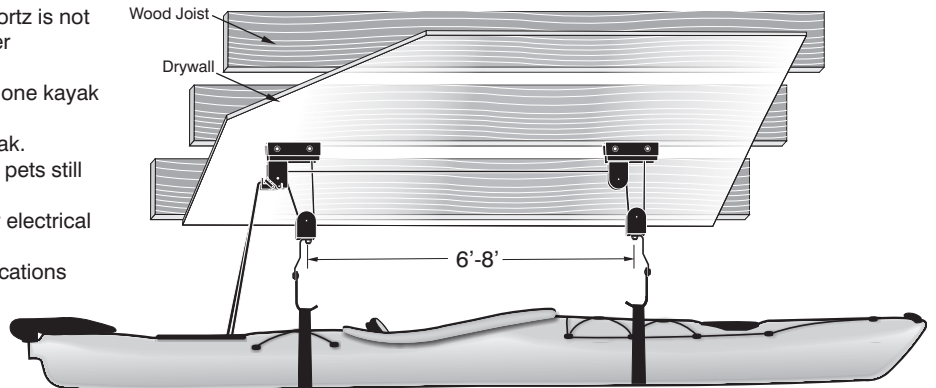
# RAD-EASY KAYAK HOIST

Thank you for purchasing RAD Sportz Easy Kayak Hoist. The Easy Kayak Hoist is made with the finest materials available and will provide you with many years of dependable service.

It is important that you read and comply with the instructions and safety procedures provided.

## IMPORTANT READ FIRST:

- The Easy Kayak Hoist has a 125 lb. weight capacity when installed properly. Overloading the Easy Kayak Hoist can result in personal injury or property damage. RAD Sportz is not responsible for damage or injury due to improper installation or lifting beyond hoist capacity.
- The RAD Easy Kayak Hoist is designed to lift one kayak only. Remove all stowage before lift.
- Do not hang additional weight onto lifted kayak.
- Never lift the kayak with persons, children, or pets still on board. This could result in personal injury.
- Do not install the RAD Easy Kayak Hoist near electrical outlets or fixtures.
- Do not install the RAD Easy Kayak Hoist in locations where human traffic will occur.
- Read and familiarize yourself with the installation procedure before tackling this project.



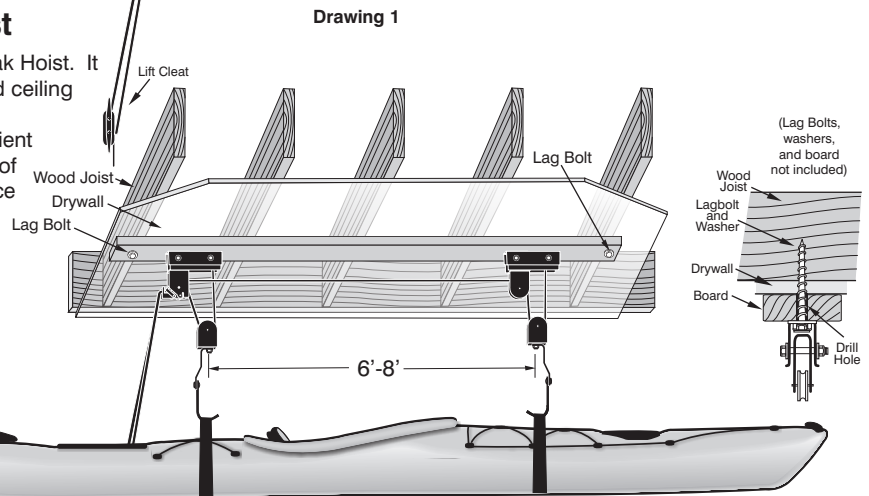
## Installing the RAD Easy Bike Hoist

**Step 1** Pick a suitable location to mount your RAD Easy Kayak Hoist. It is important that your hoist is attached to a solid wood ceiling joist. The joist must be 2"x 4" or larger. (see Drawing 1 and 2) Next you must determine that you have sufficient wall clearance. Measure the distance from the center of the kayak to the side of the kayak. Add 5" for clearance of side wall. (see Drawing 3, B+C=Distance)

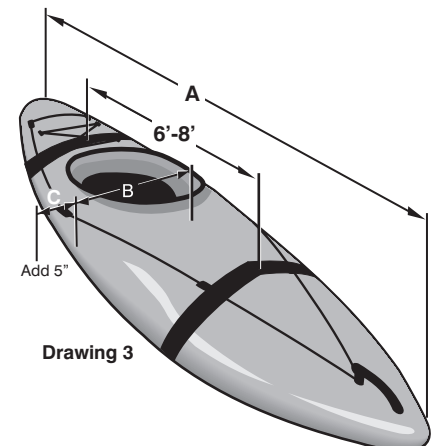
**Step 2** The hook pulley assembly must be mounted a minimum of 6' to 8' apart. The kit includes enough rope for mounting hooks up to 10' apart. Determine distance by the style of kayak you own. In cases of very short style kayaks, hooks can be moved closer together. For best results we recommend that you attach your RAD Easy Kayak Hoist to the wide side of a 2"x 4" board. (Drawing 2) The board can be attached to the joist with lag bolts. Use the measurements in Drawing 3 to determine the location of the front and back hook as shown in Drawing 2. Use the wood screws provided to attach the hoist mounting brackets to the board (Drawing 2) or directly into the joist (Drawing 1).

**Step 3** The hoist and board assembly can be attached to the ceiling joist using 1/4" x 3-1/2" lag bolts with flat washers. (as shown in Drawing 2) (Lag bolts, washers and board not included in kit.)

**Step 4** Use the B+C=Distance measurement to mount the board on the ceiling joist. Measure out from the wall and mark the joist. Hold the board in the proper position on the joist (two people job) and mark the location for the lag bolts. Drill a 5/16" hole for each lag bolt. Make sure the lag bolt is centered on the joist (Drawing 2).



**Step 5** Next mount the lift cleat to the wall. The lift cleat must be attached to a solid wood wall stud. Mount the lift cleat at a comfortable height. (approx. 4 foot)



## Threading the RAD Easy Kayak Hoist

After attaching the RAD Easy Kayak Hoist mounting brackets to a board or appropriate surface you must thread the nylon rope through the pulley system before you hang the pulleys. Start by threading the ropes (2) through the brake device as shown in Drawing 3 below. Follow the thread route (A through C on rope one) (A through D on rope two). Be sure the hooks at B and C face inward. Make a loop at the end of the rope. Push the bolt provided through the mounting bracket, loop and pulley hole. (C and D)

