

One way to make a ceiling rack for a PT Spear

“Built for my PT SPEAR on a really small budget is the lift for it in my garage.”

By B. Crutchfield

Used 3 --2x4s,
7 pulleys,
screw eyes,
a yard of outdoor carpeting (could be anything padded though since it isn't really outdoors),
a winch that would accept 1/2" line/rope.

The 4 main lines from each corner are directed through pulleys out towards one corner of the garage, where the 4 lines are connected into 1 with a carabiner. This is then taken through several pulleys to the winch. The 2 - 2x4s on the ceiling are tied into the joists using GRK structural screws, and the pulleys on the wall are just tied into the studs with normal screws and pieces of 3/4 scrap plywood I had laying around.



I cut the 3rd 2x4 in half and made 1" deep notches for the gunwales to register into so the boat couldn't slide around on the supports. The trickiest bit was that the part where the 4 lines from the lift get spliced into 1 will not fit through the pulleys upstream or downstream of it in the system, so the space between these parts must equal or exceed the distance from the ground to the floor, or at least exceed the total travel distance you'd want the boat to be able to move from its up to down position.



