

DELUXE RACK

Model # 11-0111

Model # 12-0103

Model # 12-0113



PARTS LIST	
Qty	Name
2	Deluxe Rack with Strap & Pivot Arm
4	Phillips Head Screw
2	Locking Pin

Holds up to 125 LBS



Scan* to see
Video Instructions
for Assembly & Use
or

Visit Suspenz.com

"Video & Manual" page

*QR code reader app required

STEP 1

There are 3 ways to mount the rack:

- A. Wall
- B. Free-Standing Frame Direct
- C. Free-Standing Frame with Brackets

A. Mounting to Wall

Tools Needed : Tape Measure, Electric Drill, $\frac{3}{16}$ " Drill Bit, #3 Phillips Head Driver, and a cold beverage of your choice

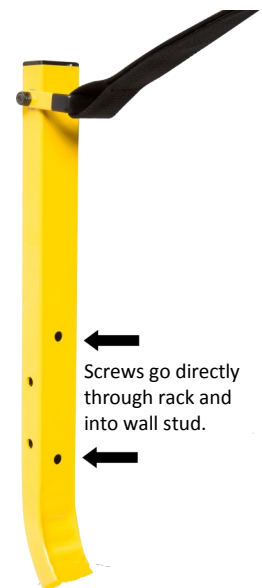
The length of your boat will determine arm spacing. Ideal arm spacing is 40% of total boat length, (boat length X 0.4 = spacing).

1. Locate studs where arms will be mounted and mark desired height for the arms. Push a mounting screw into wall to mark the locations for holes. Wall studs are typically on 16" centers. *Screwing only into drywall is not sufficient and could result in injury to self and kayak.*
2. Pre-drill pilot hole for Phillips Head screw using a $\frac{3}{16}$ " drill bit.



Pro Tip: An old woodworkers trick is to rub the screw threads on a bar of soap for easy installation.

3. Use #3 Phillips Head Driver to insert screws. Initially, leave top screw loose (helps when locating hole for lower screw). After inserting bottom screw, tighten both screws.
4. Mount second arm at same height as first arm.
5. Go to **STEP 2**



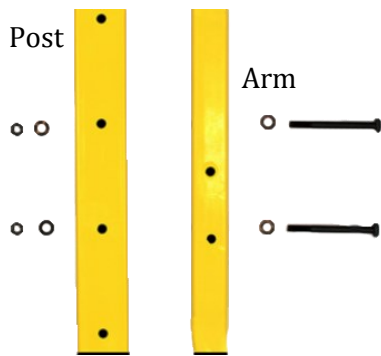
Rev. 11/17

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8725 ROSWELL ROAD #0-220
ATLANTA GA 30350



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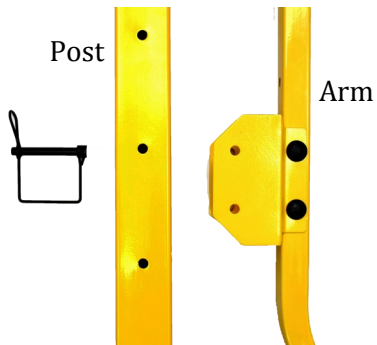


B. Free-Standing Frame: Direct

Tools Needed : Two ½” Wrenches *or*
one ½” Wrench and one #5 Allen Wrench

Using mounting hardware supplied in frame box, insert bolts through holes in arms then into the frame and tighten securely.

Go to **STEP 2**



C. Free-Standing Frame: with Brackets

Tool Needed : ½” Wrench

Attach Free-Standing bracket using instructions provided with the bracket. Attach arms to the frame using the locking pin. The locking pin can be inserted in either top or bottom hole of bracket for more exact positioning.

Note: Brackets sold separately: Model #31-5501 (Yellow) or Model # 31-5502 (Black).

Brackets are required for attaching arms to back side of frame.

Go to **STEP 2**

STEP 2: Pivot Arm Assembly



Pull upper strap so there are no twists in it. Tilt up the “C” channel and slide it over the arm.

Note: The two bolts will be on the bottom of the bar.

If you have not yet opened your cold beverage, this would be an appropriate time to do so.

STEP 3: Rack Adjustments



The depth of each boat defines the position of the pivot arm.

1. Lay your boat flat on the ground centered in front of the racks.
2. Measure the depth of the boat at the points that line up with each arm.
3. Adjust the movable pivot arm distance on each arm so it equals the depth of the boat plus 4”. Tighten knob to lock pivot arm in place.
NOTE: Do not exceed 18.5” on the pivot arm distance so the locking pin can rest on main arm.
4. Pivot arms are adjusted to “suspend” the boat on its side so it has a slight backward lean. This prevents the boat from falling forward. Be sure to tighten knob after adjusting pivot arms.

STEP 4: Strap Adjustments



SUPPORT STRAP

It is a lot easier and safer to adjust the strap length without the boat on the rack. Strap length is adjusted at the pivot arm.

1. Adjust the length of the suspension strap so that the pivot arm lays almost horizontal when the strap is tight, as shown above.
2. Pivot arm should fall freely; if not then loosen hex bolt & nut with hex wrench.
3. There should be a vertical gap of about 1" to 2" between the boat and the arm. Adjust the length of the strap to achieve this.

NOTE: See QR Code on Page 1 for video instructions or at www.Suspenz.com.

SAFETY STRAP

1. Verify that the safety straps can be connected over the top of the boat.
2. Extension safety strap (provided) may be added if more length is needed.
3. Place safety strap over your boat, buckle ends together, then pull safety straps to achieve a snug fit.



Please see Page 4 for loading and unloading instructions.

To LOAD

1. Pivot arms should lay flat. This will allow clearance of the boat and easy loading. This occurs naturally during the unloading process.
2. Center boat so same amount of the boat extends either side of arms.
3. When boat is positioned on its side and lowered onto straps, the pivot arms will snap up into the vertical position. Adjust angle of boat to a secure resting position, - boat on its side angled slightly away from you, then fasten safety straps.
4. Insert locking pin into pivot arm to lock it in the upright position. *Important safety feature to prevent pivot arms from opening unintentionally.*



Locking Pin

To UNLOAD

1. Remove Locking Pin from the pivot arm. For safe keeping, try locking them over the arm so that they won't get lost.
2. Release safety straps.
3. Lift boat slightly and move the boat towards you. The pivot arms will fall forward as the boat is removed. The rack is in the ready position for returning the boat to storage.

Visit www.Suspenz.com for additional transportation and storage solutions.

DLX Airless Cart



Paddle Racks to hold 2, 4, 6, or 8 paddles

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OUR PLEDGE TO YOU

Suspenz® products are warranted for life against defects in material or workmanship to the original owner. Product must be used for its intended purpose under normal conditions. Please visit www.Suspenz.com for complete warranty information.

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