

2-BOAT DELUXE RACK

Model # 11-0203
Model # 12-0203



Tools Needed:

1/2" Wrench (included), tape measure and a cold beverage of your choice

Assembly

STEP 1: Leveling Feet Attachment

Parts Needed: 2 Bases, Hardware Bag F

The *Anchor* is used when anchoring *Base* to floor, ground or dock. These may be omitted when *Base* is on a stable level surface/ environment.

- For use with *Anchors*, remove first *Hex Nut* from *Leveling Foot*, place *Anchor* on foot and then screw *Hex Nut* back on. Screw into *Base*.
- For use without *Anchors*, screw four *Leveling Feet* into welded nut in each *Base*.



STEP 2: Base Post Attachment

Parts Needed: 2 Base Posts, Hardware Bag A

- Place *Base Post* over *Base* with square holes (Front) facing inside of *Base* (Front). **Note:** The "Front" labels are removable.
- Insert two *Carriage Bolts* through vertical holes on top and close with *Washer* and *Lock Nuts* from underside of *Base*. Tighten loosely by hand.
- Insert two *Carriage Bolts* through horizontal holes on inside of *Base* and close with *Washer* and *Lock Nuts* from outside of *Base*. Tighten loosely by hand.
- Once all hardware is attached fully tighten vertical bolts before fully tightening horizontal bolts.

Repeat Steps 1 and 2 for second tower.

PARTS LIST*	
QTY	Parts
2	U-Base
2	24" Base Post
2	28" Post
4	Deluxe Arms
4	Extension Straps
8	Locking Pins
Bag A - Base Post to Base	
8	5/16" x 2 3/4" Carriage Bolt
8	5/16" Washer
8	5/16" Lock Nut
Bag B - Post to Post	
4	5/16" x 1" Hex Bolt
4	5/16" Thick Washer
4	5/16" Lock Washer
Bag F - Leveling Feet	
8	Leveling Feet
16	Hex Nut
8	Anchors
Wrenches	
1	1/2" Wrench

*Marine Grade 2-Boat Rack (12-0203) hardware is stainless steel.



Scan* to see Video Instructions for Assembly & Use or Visit Suspenz.com "Video & Manual" page
*QR code reader app required



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FOR TECHNICAL ASSISTANCE OR REPLACEMENT PARTS: CALL 866.787.7369

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STEP 3: Post Attachment

Parts Needed: 2 Posts, Hardware Bag B

Insert *Post* into *Base Post*. Secure with both sets of *Hex Bolts, Lock Washers* and *Washers*.

Repeat for second tower.



STEP 4: Attaching Arms to Frame

Parts Needed: 4 Locking Pins, 4 Deluxe Arms

As a starting point, attach first set of *Arms* at the lowest point possible to the frame. Place 1st boat onto the bottom set of *Arms*. Position 2nd set of *Arms* to allow space to lift the lower boat on and off the rack.

Attach *Arms* to the frame using the *Locking Pin*. The *Locking Pin* can be inserted in either the top or bottom hole of the bracket for more exact positioning.



Tower Spacing

The length of your boat will determine tower spacing. Ideal rack spacing is 40% of total boat length, (boat length x 0.4 = spacing).

Feet Adjustments

Adjust *Leveling Feet* so that both towers are level. *Anchors* on *Leveling Feet* should be secured with a screw, bolt or tent stake (not supplied) to a floor, dock, sidewalk or ground for use where it is windy or children are playing.

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

STEP 5: 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.

STEP 6: Rack Adjustments



The depth of your 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.

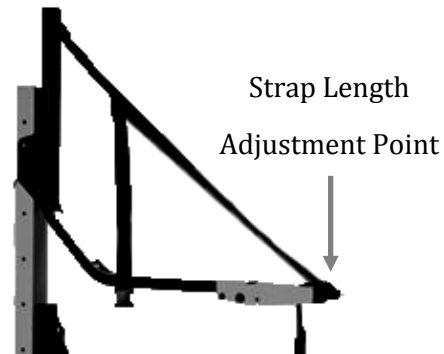
3. Adjust the movable pivot arm distance on each arm so it equals the depth of the boat plus 4". Tighten knob to lock pivot bracket in place.

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 7: 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.



STEP 8: Load & Unload

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, 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.

SAFETY

- Before assembly please read complete manual.
- Make sure hardware is securely tightened and rack is on a level surface.
- Do not modify this storage rack.
- Do not allow children to play on the rack.
- Inspect the rack monthly, making sure all connections are tight.
- Fasten safety straps and insert locking pins in pivot arms when boats are being stored.
- Failure to follow these instructions can result in serious injury or material damage (boat or anything nearby).

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