

Assembly Instructions

[2: Inflating raft and floor](#)

[3: Assembling multi-piece frame](#)

[4: Mounting frame to raft](#)

[6: Hanging oar rests](#)

[7: Attaching front casting brace](#)

[9: Attaching padded leg brace](#)

[10: Attaching motor mount and anchor plate](#)

[12: Attaching cupholders](#)

[14: Assembling boat dolly](#)

[17: Gear rack attachment](#)

[19: Rod box assembly and attachment](#)

[22: Installing anchor system](#)

[23: Care and maintenance recommendations](#)



Inflating Raft and floor

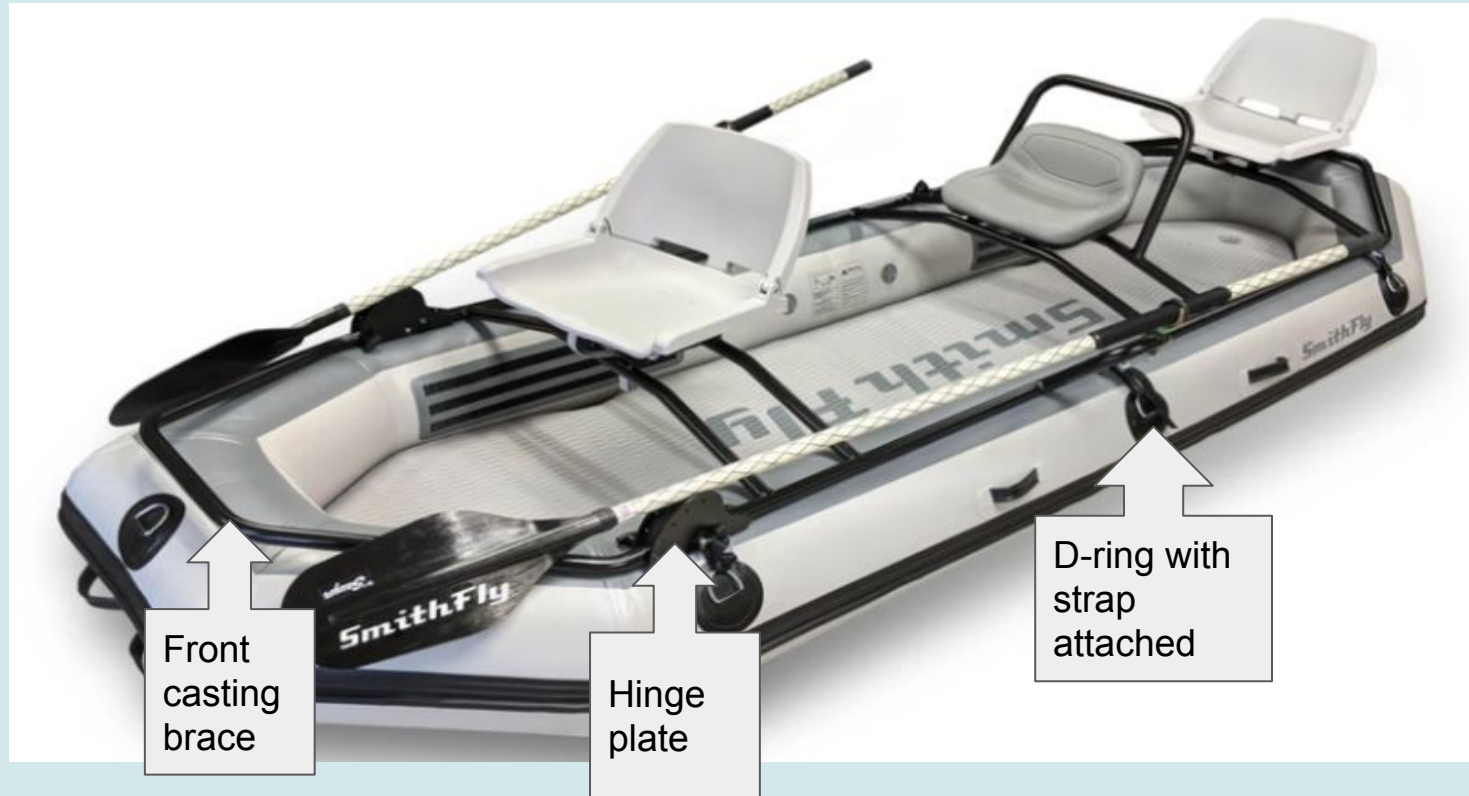
1. Remove the dust cap from the valve.
2. Push and turn the valve stem 1/4 turn to the left. This positions the valve stem in the up or closed position. Having the valve stem in the closed position allows air to be pumped into the chamber and will prevent the air from escaping.
3. Insert the Summit 2 valve adapter into the valve on the boat. A 1/4 turn to the right will lock the adapter to the valve.
4. Inflate raft to about 1 PSI in all four outside chambers.
5. Place the inflatable floor in the bottom of the raft. Ensure that the floor is centered and edges are tucked in under the walls of the raft.
6. Inflate the floor to 7 PSI.
7. Finally, inflate the outside chambers fully to 2.5 PSI.

Assembling multi-piece frame

The multi-piece frames are divided into 3 sections. Keep in mind that the front section is the section with the hinge plates for the front casting brace. Slide the sections together. Insert the PTO pins provided through each hole, and hook the metal loops around the top of the frame and the end of each pin



Mounting frame to raft





Hinge plate



D-ring

Center the frame on top of the rubber raft while ensuring that the anchor pulley extends beyond the edge of the boat. Line up the slits in the hinge plates with the D-rings near the front on the raft. Feed the straps through the D-rings, under the frame, and through the slits. Strap in place. Strap down the rest of the frame simply by looping the straps through the D-rings and around the frame. The front casting brace can be strapped down the same way when not in use.

Hanging oar rests



Feed strap through the oar rest slit, then through the D ring, then under the frame and through the hinge plate slits as shown on the left. Secure the strap as normal.

Attaching front casting brace





Slide ends of front casting brace into each pair of hinge plates, align the rear holes, and slide the clevis pins through. Secure the pins with the rings. Attach the t-pin cords to the small holes of the hinge plates and slide pin through plate and casting brace at the desired position.

Attaching padded leg brace



If you purchase a leg brace, you will receive the leg brace itself, two brackets and four 2" bolts as shown on the left. Simply arrange the brace as shown in the middle image and screw the bolts into the screw inserts. The leg brace can be attached to the front or rear casting brace.

Attaching motor mount and anchor plate





Place the anchor plate on top of the motor mount, and the motor mount on top of the frame with all holes aligned. Attach the bolts as shown.

Attaching cupholders





Align the cupholders between the seat bars as shown. Leave approximately 3 ½ inches of space between the cupholders and the edge of the frame to avoid contact with the raft. Use an electric drill to attach the provided self-tapping screws. Pre-drilling is recommended with 1/8" or smaller bit.

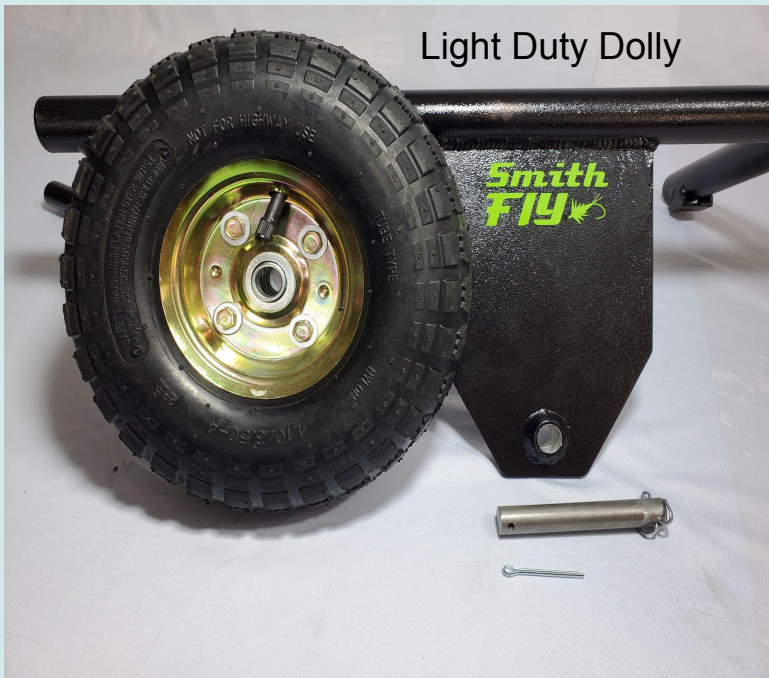
Assembling boat dolly

Light Duty Dolly

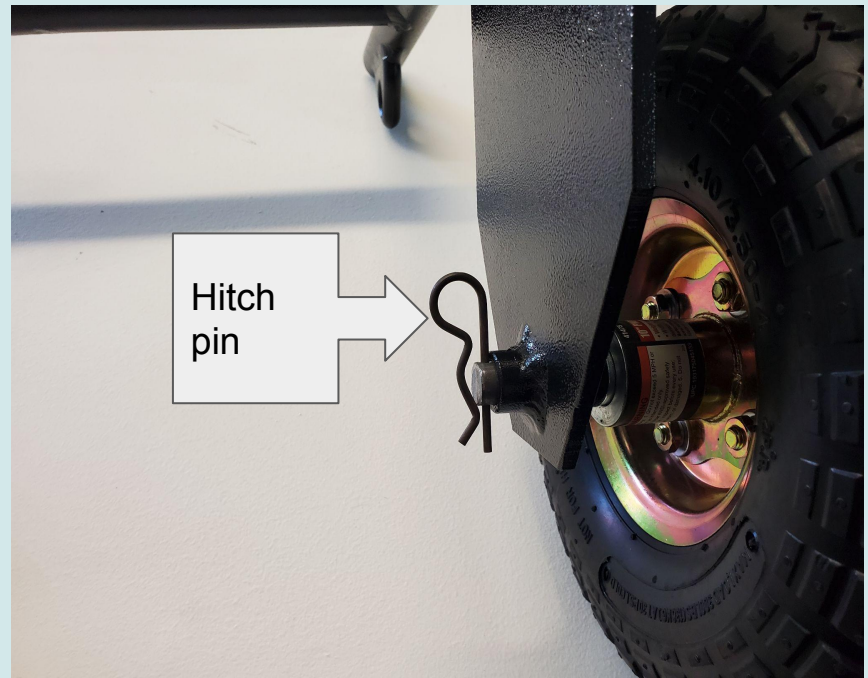


Heavy Duty Dolly



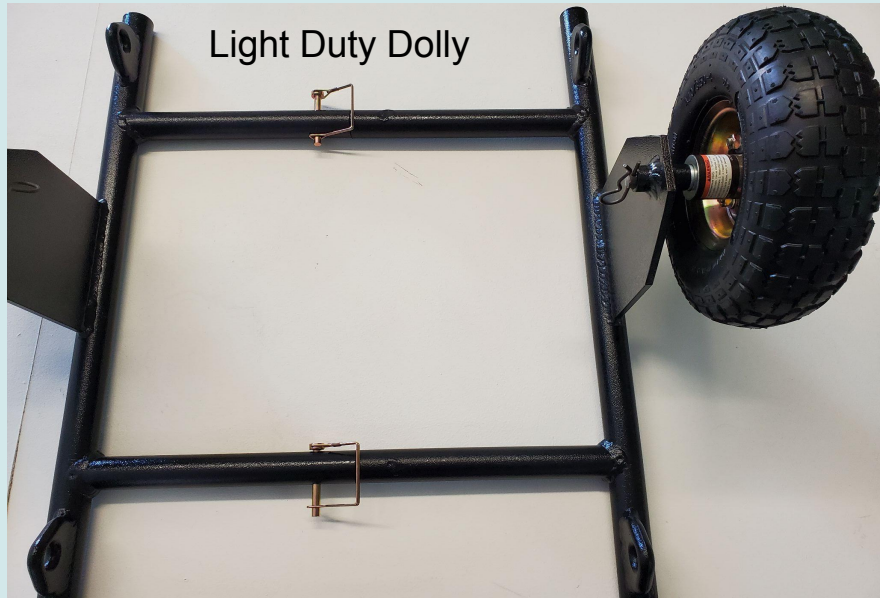


Light Duty Dolly



Hitch pin

To attach the dolly wheels to the standard dolly, simply insert the axle through the wheel and axle hole, then insert the hitch pin into the axle pin to secure. To attach the wheels on the heavy duty dolly, slide the axle through the inside axle plate, the wheel, the small spacer tube, and the outside axle plate. Finally insert hitch pins on either side of the axle.



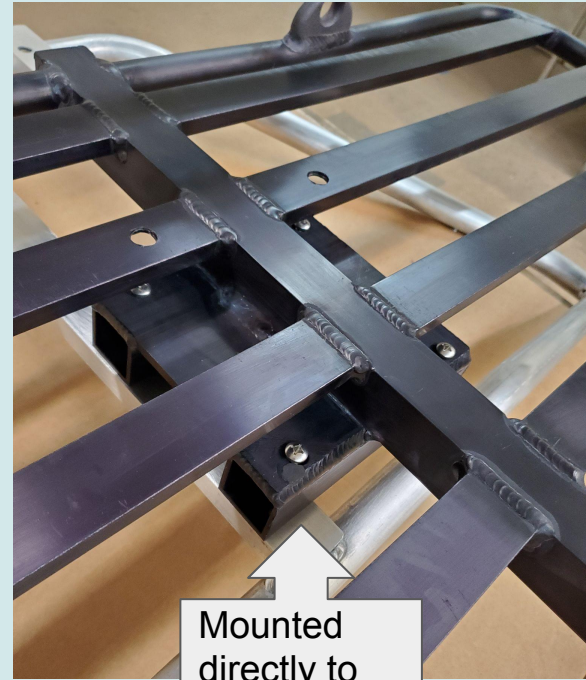
To assemble the two sides of the light duty dolly together simply slide the pieces together and insert PTO pins in the two holes. Assembling the heavy duty dolly requires extension tubes which have to be pinned on each end. If the PTO pins don't fit, try flipping the tubes or switching the tubes from top to bottom. The pin loops should hang below the dolly to avoid contact with raft or other items on dolly surface.

Gear rack attachment





swivel



Mounted
directly to
frame

The gear rack is fairly simple to attach. If using a swivel, use the provided 2.5 inch bolts. Turning the swivel allows better access to the holes. For use as a bench seat, we highly recommend directly mounting to the frame without a swivel. 3.5 inch bolts will be provided for this.

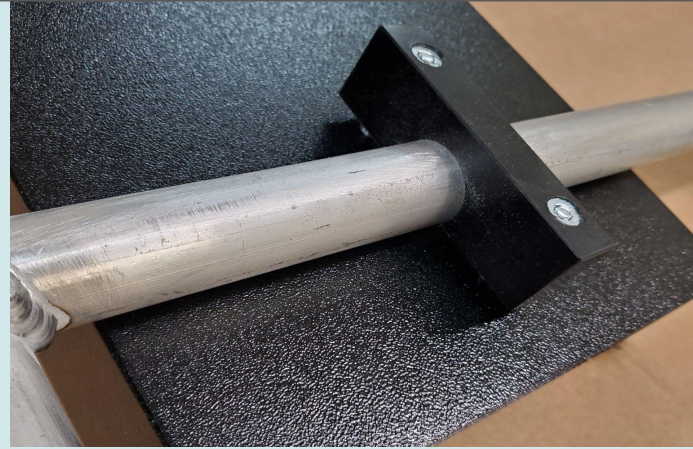
Rod box assembly and attachment



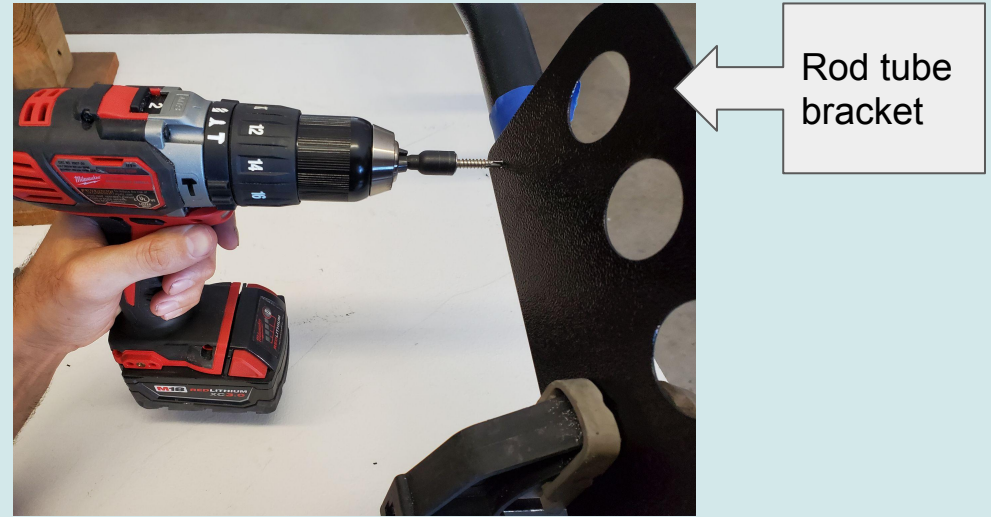
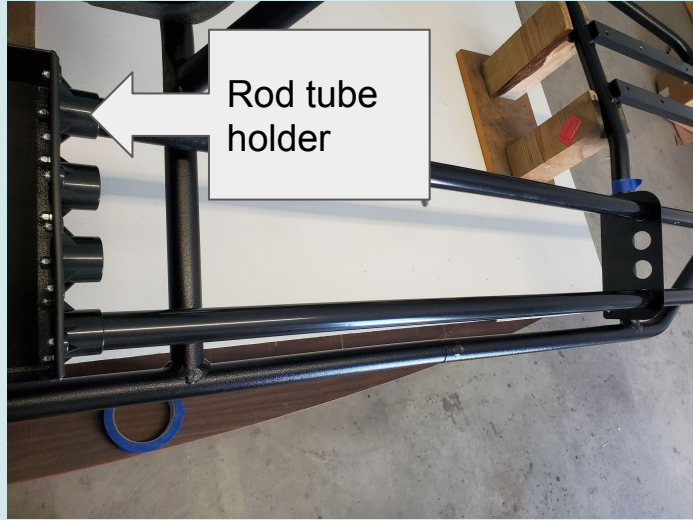


Rod box
bracket

View from under frame with bracket attached



The image on the top left shows the correct position of the rod box. Notice that the crossbar is centered between two predrilled holes. Insert the provided bolts in the holes. Take a rod box bracket and hold it below the rod box with one hand, fitting it over the bolts and the crossbar. Screw the bolts in from the top with a screwdriver using your other hand. Attach the other rod box bracket around the front cross bar in the same way.

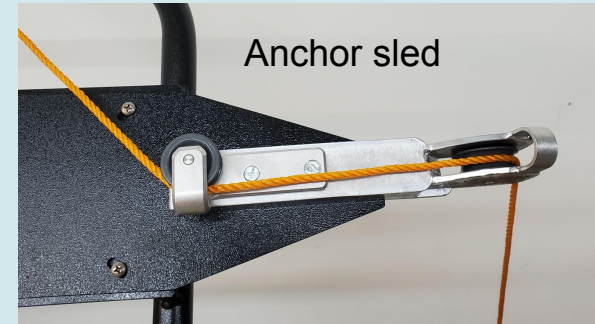


Insert two tubes through the rod tube bracket and into the rod tube holders as shown on the top left. Hold tubes so that they are straight. Mark the position of the rod tube bracket. You can use tape to mark the edge or mark the screw holes with a white marker. Remove the tubes and clamp the bracket securely in position. Use a hand drill to screw the self-tapping screws directly into the frame. Pre-drilling is recommended with $\frac{1}{8}$ " bit or smaller. Slide each tube through the bracket. Apply vinyl cement and insert each tube into the rod tube holders.

Installing anchor system



The images above and to the left and right show the positioning of the anchor rope on the boat frame. When positioning the rope, ensure that the rope goes around each pulley and through the bow eye. Pulling the rope tight through the rope cleat holds the rope in place.



Care and maintenance recommendations

Deflate raft at least halfway when storing for extended periods, and confirm raft is fully inflated before use (Full pressure = 2.5 PSI; floor = 7 PSI).

Cover with UV blocking tarp/boat cover when storing outdoors for significant time

Keep raft free of food and garbage so as not to attract rodents which can bite holes in the raft

If optional motor mount is installed, we recommend a 2.5 - 3 hp motor with a 20 inch long shaft. Weight limit is 30-35lbs. Please remove the motor when in transport.

Avoid dragging the raft on the ground

Repair kit is included, complete with PVC patches and valve wrench. For adhesive, we recommend "HH-66" vinyl cement (not included).