



## ***North Fork Outdoors***

***Framed Pontoon Boats: Assembly Instructions for Skykomish Sunrise, Mckenzie Drifter and all Outlaw or Assault boats 2 and 3 person models used with our frames.***

***For an additional assembly tutorial visit: [www.northforkoutdoors.com](http://www.northforkoutdoors.com) and click on the video link. Find video index page then click on Dave Scadden's pontoon boat assembly.***



<b><u>Quantity</u></b>	<b><u>Item</u></b>
1-3	Right hand frame section
1-3	Left hand frame section
1-3	Center frame section
1-3	Standing platform
1-2	Left lean bar leg
1-2	Right lean bar leg
1-2	Lean bar top arch
2	Pontoons or 1 Unitrac pontoon
10-16	Cam straps
4-12	Round wire frame pins
2-4	Square wire lean bar pins
1	Green hose tubing valve adapter
1	Rear deck

1	Rear anchor pulley assembly
2	Deluxe side pockets
4-12	Wing nuts
4-12	Fender washers for seat studs
2	Bronze oar locks
2	Quick pins for oar locks
2	Two piece oars
2	Oar sleeves
2	Oar rights

Assembly time will take between 15 minutes and all day, depending on how well you read these instructions. Please read through once before starting then follow the instructions step by step. If you have a 2 or 3 person boat, set up each section separately then snap the frame sleeves into each other.

## Frame



1. Slide the **Right hand frame section** into the center frame section and pin into place with two of the frame pins.
2. Slide the **Standing platform** onto the round rails of the right side with the round hooks forward and square part in the rear.
3. Slide the **Left hand frame section** into the center frame section while positioning the standing platform on the frame rails and pin into place.

## Lean Bar

4. Slide the lean bar arch into the legs until the button pops out. Keep in mind that there is a right and left side. The holes at the short dog leg end need to be horizontal, if not, switch them.
5. Install the **Lean bar** into the “U” brackets on the rear side of the **Standing platform** by pinning them with the square shaped spring pins. Note: the lean bar and the standing deck can be left off when wanted to lighten the boat and simplify the boat assembly.



### Pontoon Inflation

6. Twist the valve covers off to expose the inflation valve.
7. Become familiar with the valve operation. You can lock the valve open or shut by pushing on the center plunger pin and twisting one direction or another. Lock the valve open to release air or to allow easier inflation with your hand or 12Volt pump.



*Plunger "IN"*



*Plunger "OUT"*

8. Lock the valve open to begin inflation. Set your pump up by using the largest included adapter and adding the section of rubber hose adapter (usually green-shown in picture with clear tubing) to that. Push the tapered end of the rubber adapter into the valve mouth and twist in. It is a tight pressure fit. Start pumping. Once the pontoon is mostly inflated but still soft, remove the valve adapter and lock the valve shut. You then can top off the pontoons with the hand pump by pumping against the spring pressure.

Pump up to 2 pounds pressure. If you don't have a low pressure gauge, just push your thumb onto the pontoon periodically. If it wrinkles, add more air pressure until your thumb pressure shows a smooth dimple in the fabric. If it is drum tight, let some air pressure out.

Note: Get in the habit of monitoring the air pressure regularly and be aware that temperature increases and elevation increases (such as driving over a mountain pass) will increase the air pressure in your boat. Putting a warm boat on cold water will decrease air pressure. In general, keep the boat soft until ready for use then top it off to full pressure.



## Final Assembly

9. Set the frame onto the **pontoons** with the top seam of the pontoons facing directly up. Placement will depend on personal preference, number of passenger sections and weight distribution. You may want to do a final frame placement adjustment on the water.



10. Once situated where you want it, attach one outside and one inside **cam strap** first to hold the frame in place. If the strap will interfere with the standing deck operation, strap to up right instead of horizontal bar, as shown in pictures. It's fine if the strap is at an angle. Pull the slack out of the cam strap until it is snug.



Correct position of strap



Strap pulled tight

11. Attach all straps using the same process. Note: U-shaped pontoons don't need as many straps to secure the frame as twin straight pontoons.

12. Attach the **rear deck** by laying it directly behind the frame and fastening it down with the remaining longer **cam straps**. The rear deck doubles as a motor mount. Simply add a 12" to 47" piece of 2X4 wood across the raised lip at the back of the deck. Order the motor brace kit if you plan on anything but a small electric motor. Call for an MSO if you plan on using a motor so you can register it with your state or province.

13. Attach the rear **anchor bracket** to the underside of the **rear cargo deck**. **Note: Anchor system does not work with 3 person model as set up.** Run the 1/4 inch hex bolt through the bracket and up through the cargo deck. Place washer on the bolt and then thread wing nut onto bolt and tighten. Make sure to angle bracket directly in line with the black pulley where the anchor rope exits from inside the frame, so the anchor rope will not bind when raising and lowering the anchor.





14. Push anchor rope through the right side **foot rest**. Run the rope through the **right side frame section** and through the rear roller at the back of the frame. *(Use braided 1/4" or 5/16" nylon or poly rope, not included, for anchor system. Anchor not included.)*



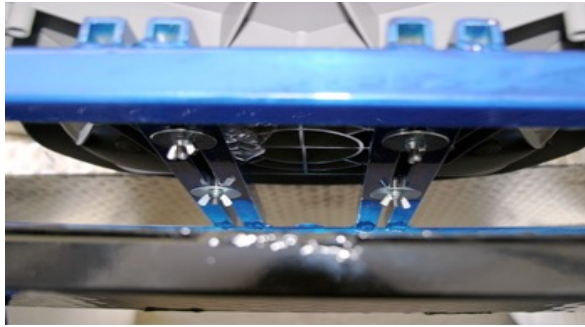
15. Attach the side pockets by running the ends of the straps under the outside frame tubing directly in back of the oar stand. Run the strap under the inside frame tubing between the two bars that attach the Center frame section to the left and right frame sections. Snap the *fast-tex* buckles together and pull the straps tight. *(No straps should be on the bars that the sliding standing platform rides on. The straps go between the frame and the pontoons, not around the pontoon itself.)*



16. Secure the anchor rope into the rope cleat alongside the seat. Coil the extra rope and store it in the side bag mesh pocket.



17. Slide seat studs into the slots in the **center frame section**. Allow for complete fore and aft adjustability. Use the **wing nuts** and **washers** to secure the seat to the adjustable rails.



18. Insert the **oar locks** into the oar stands of the **left and right frame sections**. Retain the oar locks in place by inserting the **quick pins** into the holes at the bottom of the oar locks.



19. Slide the oar sleeves down the upper section of the oars until the top of the oar sleeve is approximately 22" from the upper end of the handle.
20. Attach the **oar right** by loosening the screws on both sides of the oar rights. Slide it down the shaft until it measures approximately 24" from the top end of the handle. Align the oar right and the blade by sighting down the length of the oar, making sure the spine of the oar right aligns exactly vertical. Tighten the 2 screws.

Correct positioning of oar rights and sleeve.



To slide the standing platform forward and backward, simply grasp the lean bar at the lower bends on both sides, and pull evenly. Additional standing decks are available for multi person boats.

The lean bar folds out of the way by rotating it over your head while you are seated in your seat. It rests on the rear deck behind you. Lean bar locks or stoppers are available accessories.

**X2 boats** (Mckenzie and Avenger) Assemble the 3 piece frame the same as you did on the rowing framework. Attach the entire rowing framework to the front framework by sliding the rowing section onto the aluminum connector sleeves that are attached to the front frame. Position the completed framework in the desired position and secure with the cam straps.

**X3 boats** (Outlaw Outfitter) Assemble the rear framework section the same as the front frame section. (the connector sleeves will come attached to the rowing frame for this model) Once all 3 frame pieces are assembled slide onto the aluminum connector sleeves. Position frame in the desired location on the pontoons and secure into place with the included cam straps.

Note: There is no exact position for the frame. There is some adjustment as to where the frame can be connected depending on where the majority of the load weight is located. You will want the boat float fairly level in the water.

Other accessories include: heavy duty motor mount, seat pedestals, stripping baskets, 12v pump, extra gear bags, composite oars, double action hand pump, anchors, seat swivels, etc.

Your boat should now be ready!!!!!!  
Enjoy!!!!!!

### **Additional Guidelines and Suggestions**

#### **\*Hazards**

Your pontoons are quite durable and resilient to the usual rocks and logs you bump into on the water but other hazards need to be avoided. Keep the pontoons away from extreme heat such as campfires, hot camp stoves or lit cigars/cigarettes. Don't drag pontoons over sharp rocks, thorns, pavement, beaver cuttings, broken glass or sharp metal. Use optional pontoon skids or special coatings if dragging your boat more than a few feet is required. Watch for sharp objects in the water such as barbed wire, car bodies, re-bar, rip-rap etc.. Secure well for vehicle transport.

**Note:** If needed, call North Fork Outdoors at 1-801-392-5404 for repair authorization. Defects in workmanship and materials will be repaired at no charge. Other repairs may or may not be charged a repair, replacement and shipping fee, at our discretion, after analyzing the damage. Always include a note with damage details, your name, phone number and return address.

**Safety Notes:** All water sports are inherently dangerous so take all necessary precautions such as wearing a properly sized life jacket, choose the right boat model for the water you're fishing and the right water type for your skill level. Keep a patch kit or some heavy duty duct tape and pump handy, a whistle to signal others and a rope knife handy in case your anchor gets stuck in swift water and can't be safely dislodged. Check local boating laws before using on your favorite waters as there are many rules and regulations and can vary greatly from state to state.

Thanks so much! *Dave Scadden*

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