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Bench Seat for PakCanoes Installation Instructions

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A. Preparing for first time use.

Please read this section before you start installing the seats.

Before the seats can be used, some of the cross ribs must be outfitted with plastic rings as shown on the pictures. For the bow seat, you need rib #3 and #4, counting from the bow. For the stern seat, you need rib #2 and #3, counting from the stern.

You will need the enclosed plastic rings and stainless steel pop rivets. You will also need an electric drill, 1/8 inch drill bit, and a pop rivet tool, and a screw driver.

1. Use a 1/8 inch drill bit to drill out pop rivets holding the C-clips at the top of the cross ribs, and remove the piece of pop rivet from the plastic part to make room for the new rivet. Add 4 plastic rings to each side of rib #2 and #3. Remove the thwart by drilling out pop rivets and add 3 plastic rings to rib #4.



2. Measure and mark a spot 9 inches down from the top of rib #2 (both sides). On rib(s) #3, mark a spot 8 inches down, and on rib #4, mark 7 inches down.

3. Place the lower end of the bottom plastic ring on the mark, drill through the plastic and aluminum rib and set a pop rivet. Repeat on the opposite side (of the boat), flip the rib over and repeat the procedure so that the bottom plastic rings are secured with two pop rivets. Do this on all the ribs you added plastic rings to.

4. On ribs #2 and #3, reinstall locking C-clips, making sure the rivets go into the existing holes in both aluminum and plastic. This will ensure proper alignment of the clip.

5. On rib #4, reinstall locking C-clips and move thwart up to within 1/8 inch of the C-clip.



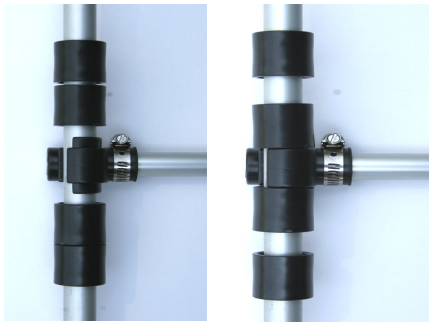
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B. Installing the seats.

1. Please locate the side rails (aluminum tubes with plastic fittings). The side rails connect to the cross ribs, and the seat connects to the side rails. Please note that the Latch clips on the rail should face up, and the screw on each steel clamp should face into the boat.

One end of each side rail has a bracket secured with a steel clamp (see picture). The bracket connects to the cross rib behind the seat, between two plastic rings. You can mount the seat higher or lower, depending on how many plastic rings are below the bracket.



2. Determine how high you want the rail, lift the plastic rings above where you want the rail, and press the bracket into place so it clamps around the cross rib. Press the rail down so its bottom inserts into the plastic ring. Push the upper rings down onto the bracket to lock the connection.

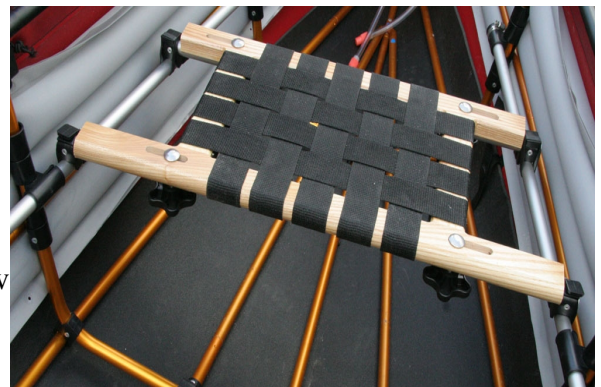
3. An identical bracket is near the other end of the rail, but is not secured with a steel clamp. Push this bracket into place around the cross rib at the front of the seat and lock it with the plastic rings as described above.



4. Install the rail on the other side of the canoe to match the placement of the rail you just installed.

5. Loosen the clamps on the latch clips with the screw driver, and loosen the knobs under the seat so the connecting parts can easily be moved.

6. Place the seat in the desired position with the sides resting on the rails and the latch clips securing the seat. Tighten the steel clamps and the knobs under the seat. Secure the rear latches with elastic bands. The seat is now secure.



Note: You can leave the latch clips securely clamped in place until there is a reason to install the seat in a different position.

C. Dismantling the seat.

- 1.** Loosen the knobs under the seat. Undo the elastic bands from the latch clips.
- 2.** Lift the rear latches and pull the seat forward out of the latches.
- 3.** Lift the plastic rings above a forward rail bracket. Lift the bracket out of the plastic ring below it. Repeat on the other side of the canoe.
- 4.** Unlock the C-clips on the cross rib holding the forward rail bracket. Lift the latches and remove the cross rib part way. This will change the angle between the cross rib and the bracket, and the bracket will release easily.
- 5.** Disconnect the rear end of the rail by lifting the upper rings off the bracket and lifting the bracket off the lower rings. Lift the front end of the rail, and the rear bracket will disconnect easily.

