

Puffin Swift

Assembly and User Information

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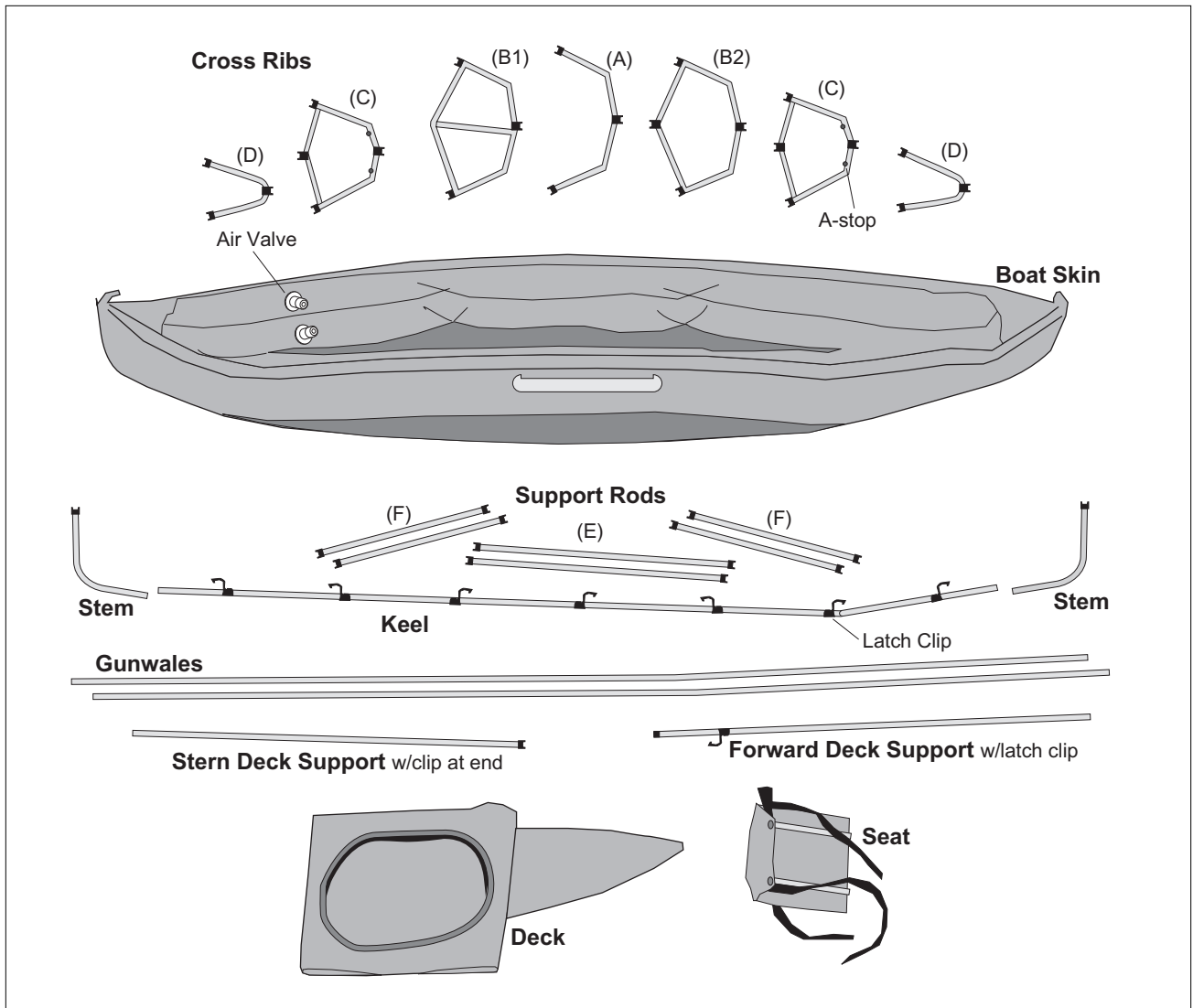


Figure 1, Parts

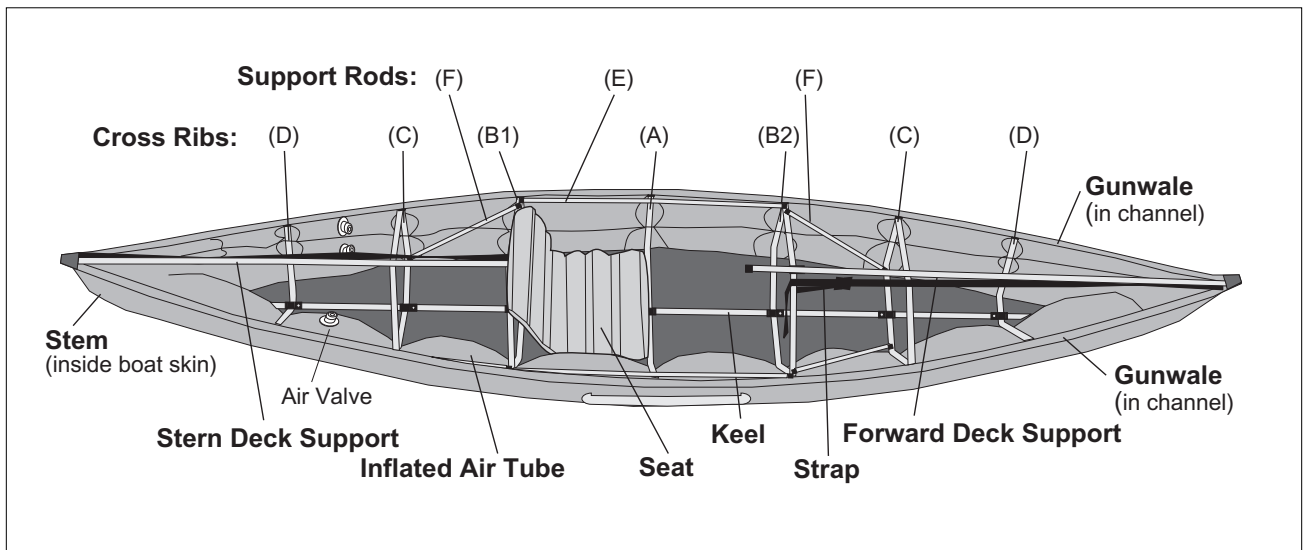


Figure 2, Assembled (deck removed)

Assembling the Puffin Swift

NOTE! We recommend that you study this manual carefully before you start the assembly procedure! When assembling the Puffin Swift, please refer to Figure 1 and Figure 2 of this manual.

1. Roll out the *boat skin* and assemble all the rods.
→ The sections of the long rods are internally connected by elastic cords to ensure correct assembly.
2. Insert both *gunwales* as far as they will go. Close the black flaps to cover the ends.
→ The two longest rods are *gunwales*. They are to be inserted in channels along the edges of the *boat skin*. The channel openings are under black flaps at one end of the skin.
3. Assemble *keel* and *stems*.
→ The curved pieces with plastic fittings are *stems*. The narrow end of the *stems* fit into the *keel*.
4. Position *keel* and *stems* inside the boat skin.
→ The *keel* will now be at an angle.
5. Clip *tube stubs* at end of *boat skin* onto the plastic fittings on top of the *stems*.

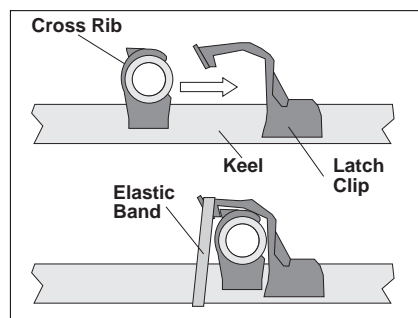


Figure 3, Latch Clip

6. Mount *cross rib (C)* at the angle point of the keel.
→ The *cross ribs* are connected to the *keel* by means of *latch clips*. Each *cross rib* has a plastic clip at the center. Position this clip on the keel as shown in Figure 3 and press in the direction of the arrow until the *latch clip* locks. Mount the *elastic band* to secure the locking.
→ The ends of the *cross ribs* clip to the *gunwales* at openings in the *gunwale channels*.
→ To install *rib C* the keel angle is moved to the center of the kayak.
→ **As the *cross ribs* are installed the keel will gradually straighten.**
NOTE: The hull is symmetrical. It does not matter at which end *cross ribs (B1)* and *(B2)* are installed.
7. Mount *cross ribs (A), (B1)* and *(B2)*.
→ The rear part of the kayak will be where *rib (B1)* is installed.
8. Mount the three remaining *cross ribs, (C)* and *(D)*.
→ Make sure the *keel* is straight and the *stems* are centered in the ends of the *boat skin*.
NOTE: *Cross ribs* lock to the *gunwales* when the “wing” on the connecting clip is aligned with the *gunwales*.

9. Inflate *upper air tubes* just enough to give a little pressure. Inflate *lower air tubes* alternately until they feel hard (about as much as you can easily do with the pump provided). Continue inflating *upper air tubes* alternately until full pressure is obtained.

→ Make sure the *keel* is straight during the inflation. If it bows to one side, add more pressure to the *air tubes* on that side. The hull is straight when the *keel* is between the two white lines.

10. Mount the *forward deck support*.

→ The straight rod with a *latch clip* close to one end, is the *forward deck support*. The *latch clip* will attach to a corresponding clip at the top of *cross rib (B2)*. The clip at the other end of the rod should be attached to the stem near the top.

11. Locate the *strap* attached to the front end of the *boat skin* and secure *cross rib (B2)* as shown in *Figure 4*.

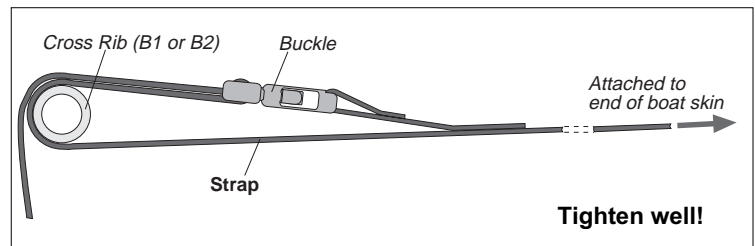


Figure 4, Securing Cross Ribs (B1) and (B2)

12. Mount the *stern deck support*.

→ The straight rod with a *clip* at each end, is the *stern deck support*. One *clip* will attach to the top of *cross rib (B1)*. The other end of the rod should be attached to the stem.

13. Locate the *strap* attached to the rear end of the *boat skin* and secure *cross rib (B1)* as shown in *Figure 4*.

14. Inflate the *seat*.

→ The *seat* should not be completely full of air.

15. Mount the *seat*.

→ The *seat* is placed with the *aluminum frame* to the back against *cross rib (B1)*.

Front seat-straps: Around *cross rib (A)* and back to snap.

Back seat-straps: Run longest end under *cross rib (B1)* and *keel*, and buckle to short end.

The *seat* is equipped with additional straps on each side for back adjustment.

16. Mount *support rods (E)*

→ The two longer rods with a *clip* at each end, are *support rods (E)*.

The *support rods (E)* are attached, on each side, between the *cross braces* of *cross ribs (B1)* and *(B2)*. Mount the rods as near to the *gunwales* as possible.

17. Mount *support rods (F)*.

→ The four shorter rods with a *clip* at each end, are *support rods (F)*.

The *support rods (F)* are attached, on each side, sloping between the *cross braces* of *cross ribs (B1/B2)* and the lower part of *cross rib (C)*.

NOTE:

At the *(C)* end, attach the *support rib (F)* on the outer side of the *stop*.

At the *(B1/B2)* end, the *support rib (F)* is attached next to the end of *rod (E)*.

18. Hook “short” end of *deck* over the stern (boat’s rear end) and pull other end of *deck* towards the boat’s front end.

Support the boat with your foot while stretching the *deck* to fit over the bow.

→ Both ends of the *deck* must be in place before the *hook and loop fastener* along the edge of the *deck* is attached to the hull.

The Puffin Swift is now complete.

Note!

- Reduced pressure in the *air tubes* is common if you assemble the boat on a warm, sunny day and go paddling in cold water. Under these conditions you should add some extra pressure during assembly.

Disassembling the Puffin Swift

Disassembling is essentially the assembly process in reverse, but there are a few important details:

- Undo all the *hook and loop fasteners* before you try to get the ends of the *deck* off.
- Open the *air tube valves* .
- To remove the *gunwales*:
 - Open the *black flaps* to expose the *gunwale ends*.
 - Grip the exposed end of the *gunwale* and lift it above the *gunwale channel*.
 - Make sure the *gunwale* does not have fabric tightly around it.
 - Torque the *gunwale* so it forms an arc and pull it out. It should slide out easily.
- If the *gunwales* do not slide out easily
 - Move to the other end of the boat
 - Grip the side fabric on one side just below the *gunwale*, about a foot (30 cm) from the end.
 - Push with the other hand against the end of the *gunwale*.
 - Straighten the *boat skin*, move your hands, and repeat the process on both sides of the boat until the *gunwales* can easily be pulled out.
- Roll up the *boat skin* from the end opposite the *valves*.

Safety

- Always wear a personal flotation device.
- Know your abilities and do not exceed them.
- Be aware of changing weather conditions.

General Information

Storage Your Puffin Swift is equally happy stored assembled or packed in the bag.

Salt Water Following exposure to salt water, rinse the Puffin Swift in fresh water if you can. This will help preserve the Puffin Swift's appearance.

Repairs HULL - If you need to repair a puncture or abrasion of the hull, use a patch of the same material and the repair kit adhesive. Cut a patch to cover an area about 3/4" past the damaged area of the hull. Round the corners of the patch. Cover the patch and the area the patch will cover with a thin coat of adhesive. Wait until the adhesive feels dry to the touch and immediately apply patch. Press down well. The adhesive will cure for twenty-four hours, but the Puffin Swift can go in the water immediately after a patch is applied.

AIR TUBES - A puncture of an air tube can be repaired the same way as the hull.

Small punctures may be repaired without a patch. Coat the puncture repeatedly with the repair kit adhesive, letting the adhesive dry between each coat.

*NOTE: There must be **no pressure** in the tube or seat when being repaired.*

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