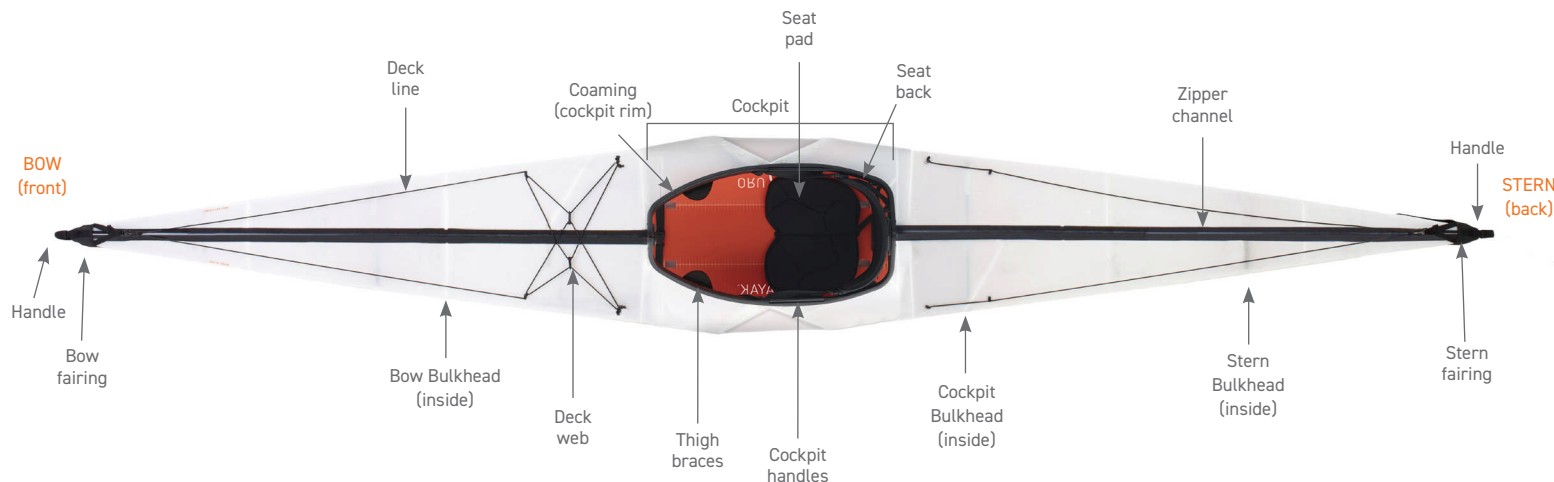


THE COAST XT Assembly Guide



US PATENT NO. 8,316,788

WE'RE HERE TO HELP!

If you have questions, email us at service@orukayak.com

HOW TO GET STARTED

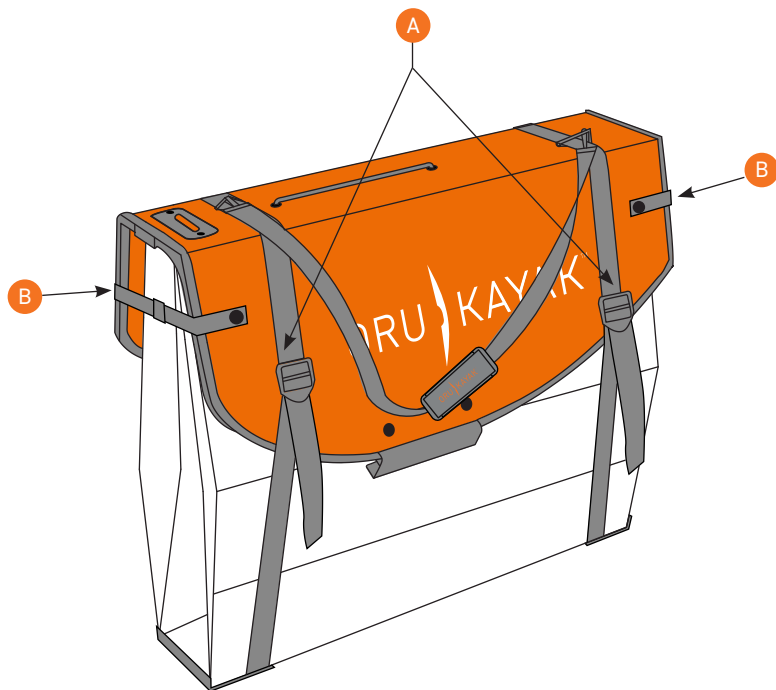
Read this entire Assembly Guide
before assembling your Oru Kayak.

Watch the instruction video:
www.orukayak.com/pages/assembly

Be patient! With practice your
assembly time will get to 15 minutes.

Step 1: Open the Oru Kayak box

The box contains all the components needed for assembly and includes space to store gear—such as float bags and our 4-piece paddle.



- A** Loosen and slide the shoulder strap off the sides of the box. You will not use it while kayaking, but you will need it when you fold the Oru Kayak back into box form.
- B** Unclip the two sets of box buckles on both sides of the orange lid. Lift the lid off – this will become the kayak's floorboard.
- C** Remove the loose kayak components packed into the box. See page 2 for a list of the loose components. Additional components are permanently attached to the hull/deck.

Parts: Loose components

1 Shoulder strap: Used to carry the kayak when in box form. Stow behind the backrest while kayaking.

2 Zipper channels: These seal the deck seam.

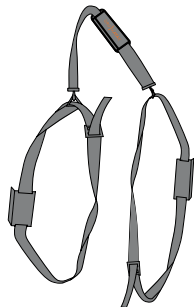
3 Cockpit (large) bulkhead: Provides structural rigidity behind the cockpit.

4 Stern (back) bulkhead: Provides structural rigidity in the kayak's stern.

5 Backrest: Combines back support and structural rigidity.

6 Seat pad: Tucks under the bungee in the floorboard.

7 Spare parts kit: Extra hardware and lubricant for repairs and upkeep.



1

SHOULDER STRAP



x6

2

ZIPPER CHANNELS



3

COCKPIT (large) BULKHEAD



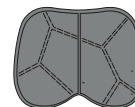
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STERN (back) BULKHEAD



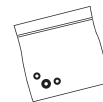
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BACKREST



6

SEAT PAD



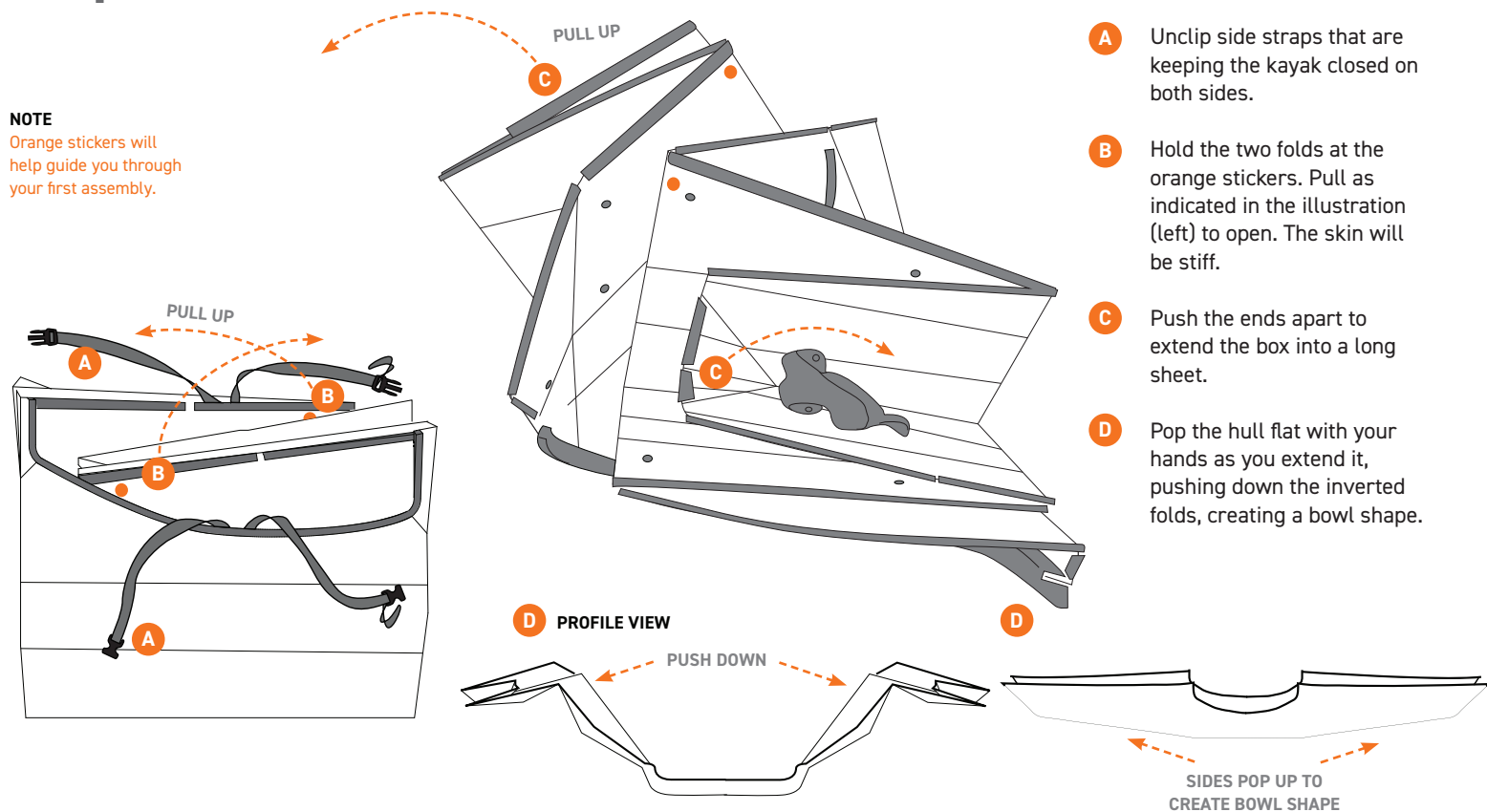
7

SPARE PARTS KIT

Step 2: Unfold the box

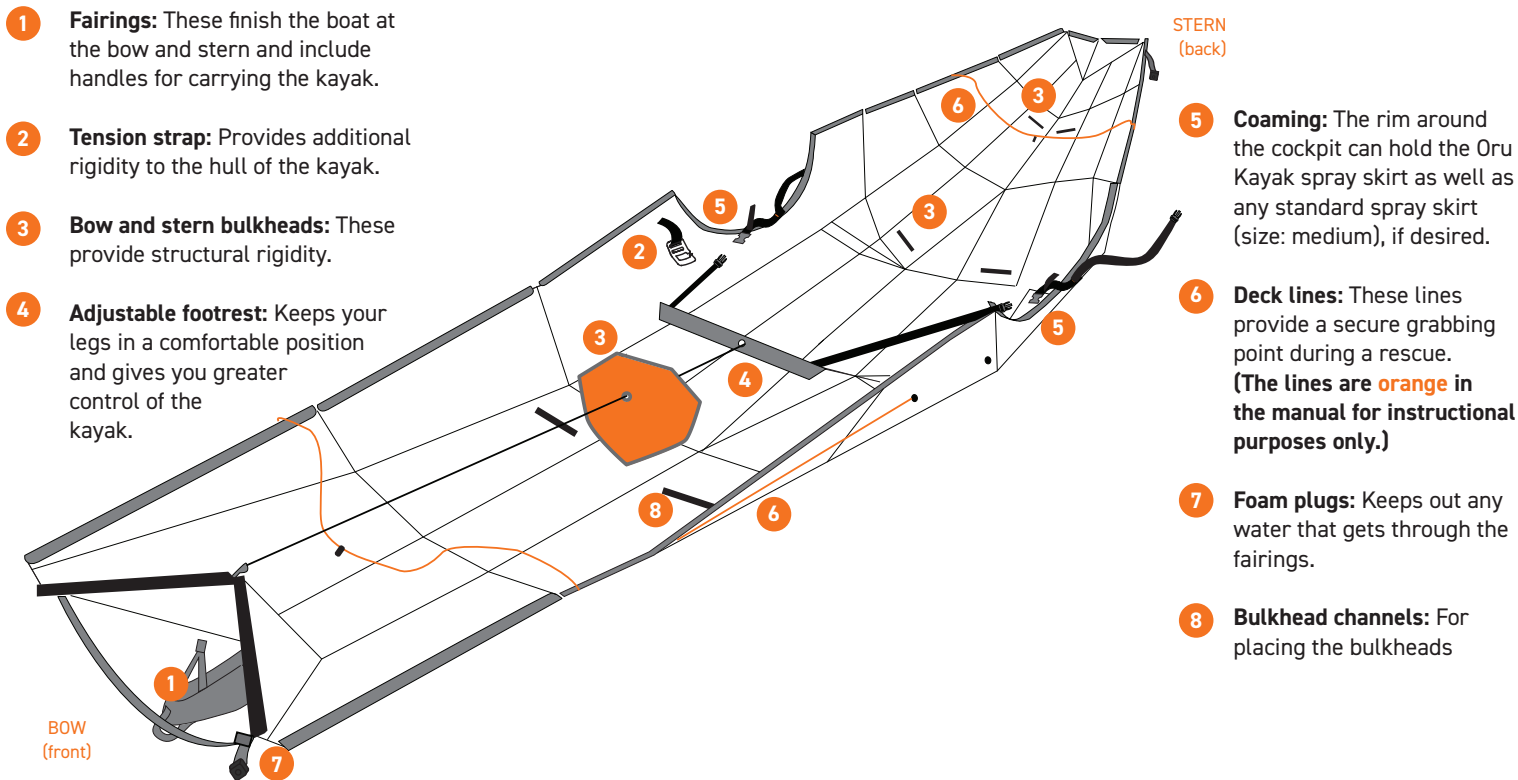
NOTE

Orange stickers will help guide you through your first assembly.



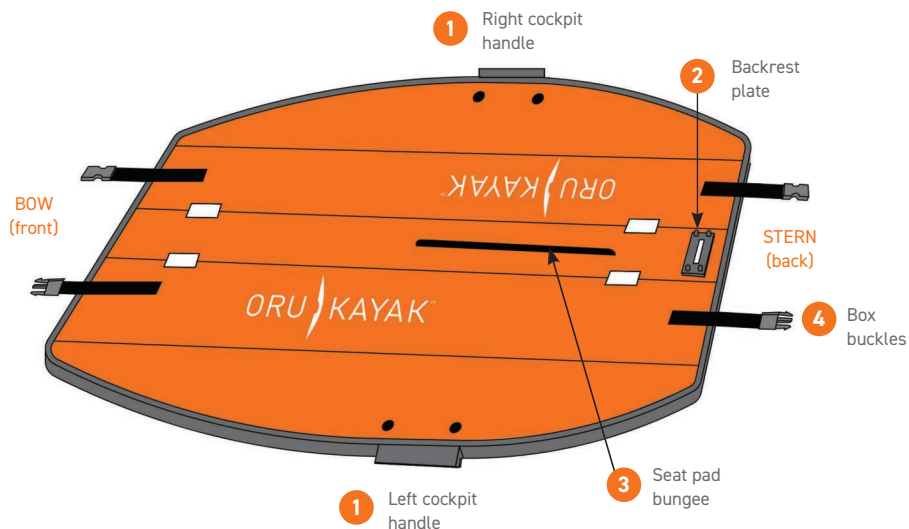
Parts: Hull/deck

The box becomes the hull and deck of the kayak. Several key parts are permanently attached to the hull/deck. The bow (front) and stern (back) of the Oru Kayak are different, so pay attention to orientation throughout the assembly process.



Parts: Floorboard

The box lid becomes the floorboard. The floorboard is a crucial part of the Oru Kayak assembly; it locks into the cockpit at the coaming, adding structure, and holds the seat pad and backrest.



- 1 Handles:** Lock into coaming and provide support when entering or exiting the kayak.
- 2 Backrest plate:** Holds the backrest and column (see Step 7).
- 3 Seat pad bungee:** The seat pad tucks under the bungee in the center of the floorboard (see Step 10).
- 4 Box buckles:** Two sets of buckles hold the box closed, but are not used when in kayak form.

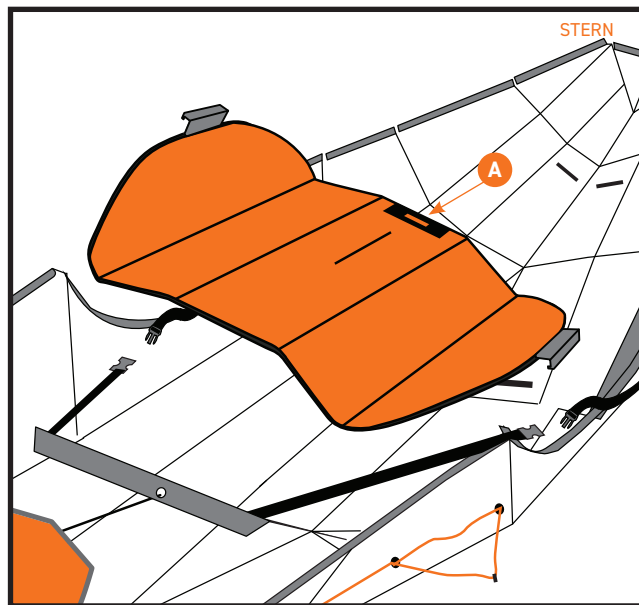
Step 3: Insert the floorboard

The floorboard adds structure to the cockpit area. The floorboard handles lock into the coaming (this is around the rim of the cockpit) to hold the floorboard in place.

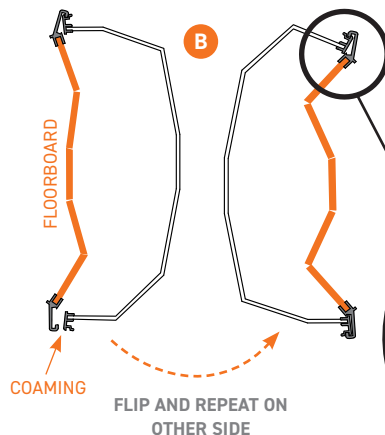
SEE THIS IN MOTION IN THE ASSEMBLY VIDEO:

www.orukayak.com/pages/assembly

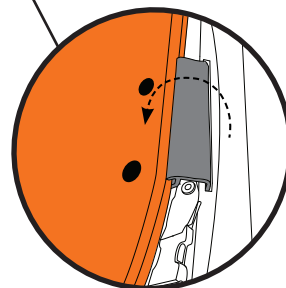
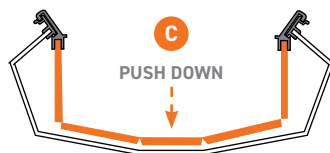
- A** Ensure that the floorboard backrest plate is on the stern side of the kayak.



- B** Prop the kayak on its side, and align the floorboard handle with the ridge in the coaming. Rotate down and inward, until you hear a "snap." See note. Flip kayak and repeat on the other side.



- C** After locking in both sides and pushing down in the center of the floorboard, you'll find that the kayak retains its "boat shape."



NOTE

Handle goes into groove on the coaming. Rotate the cockpit handle to lock into the coaming, as shown. Make sure straps are not caught under floorboard.

Step 4: Attach footrest

Adjust the footrest straps to provide simple, adjustable comfort.

- A** On both sides, attach the footrest buckles to the corresponding buckles on the coaming (see close up).

- B** Move the deckline into the cockpit so it is out of the way during the next steps. (Make sure the deckline is **ABOVE** the footrest bungee.)

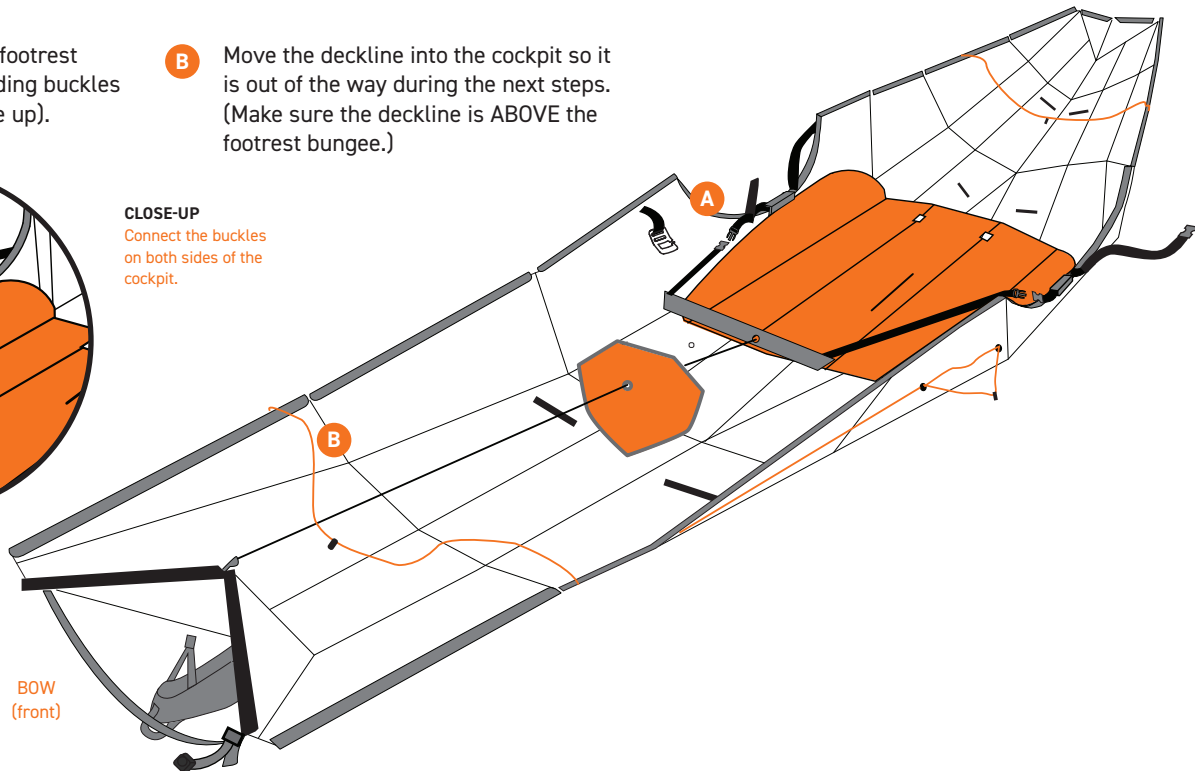
CLOSE-UP

Connect the buckles on both sides of the cockpit.



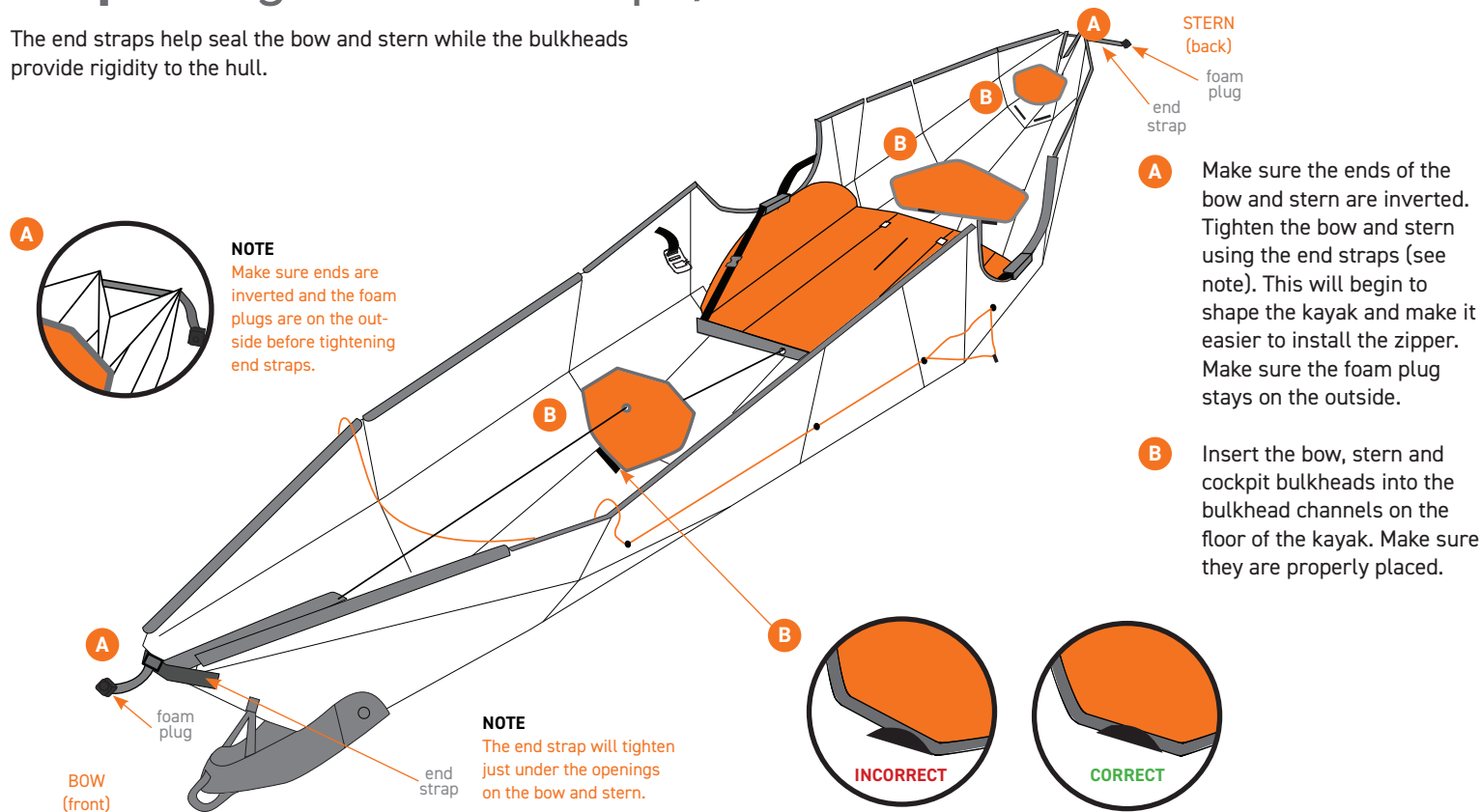
NOTE

The back buckles are used for the backrest **NOT** the footrest.



Step 5: Tighten end straps/insert bulkheads

The end straps help seal the bow and stern while the bulkheads provide rigidity to the hull.



Step 6: Attach front zipper channels

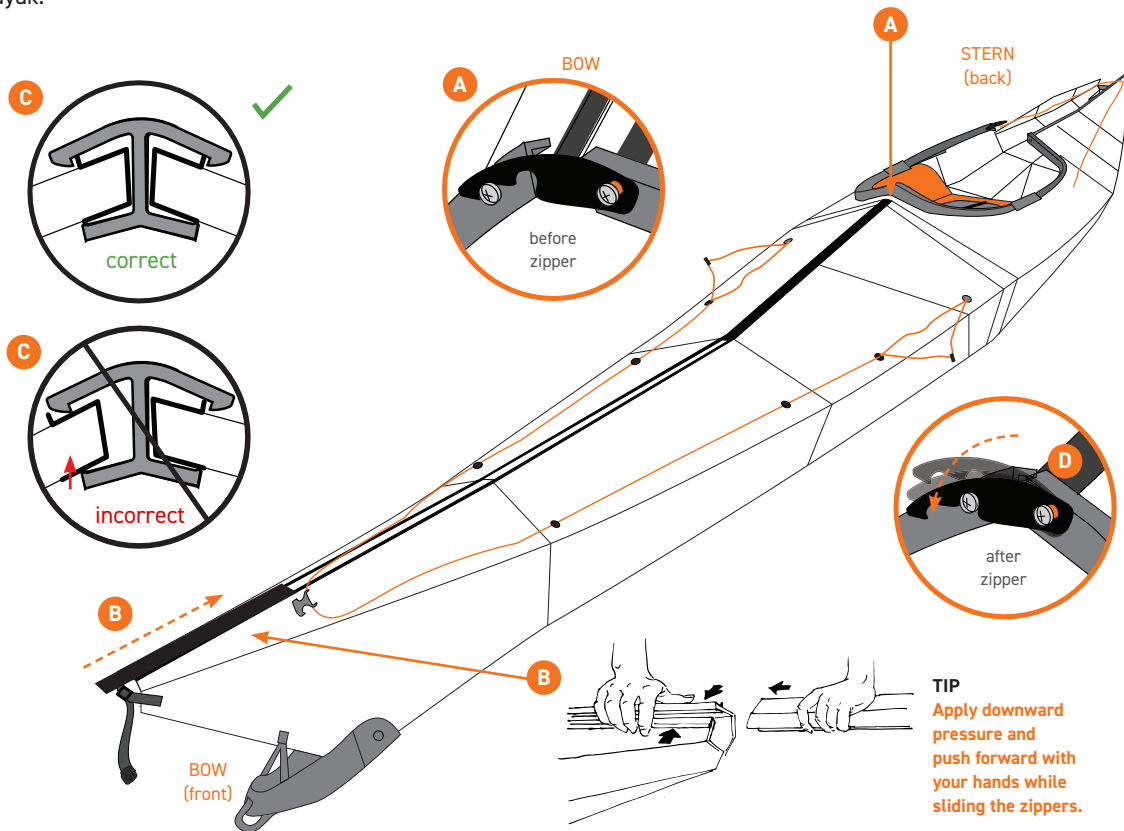
The zipper channels seal the deck of the kayak.

- A** Hook the front coaming latch as shown in close-up **A**.

- B** Holding the bow of the kayak, begin to guide the zipper channel onto the deck trim (see tip). Do not force the zipper on as it may cause damage to the kayak. Make sure that the bulkhead is inside of the upper bulkhead channel.

- C** Continue until all three zippers are on the bow of the kayak. Check to make sure each zipper channel is properly installed.

- D** Finish closing the front coaming latch as shown in close-up **D**.

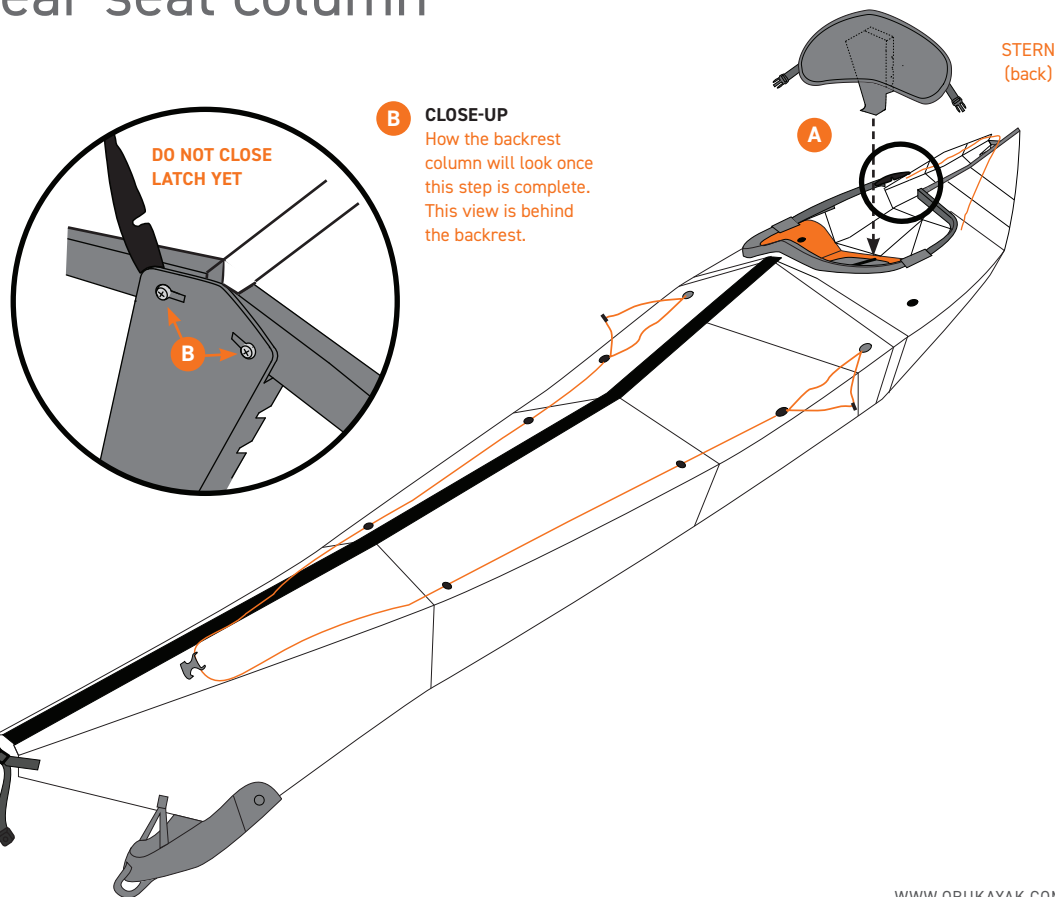


Step 7: Attach rear seat column

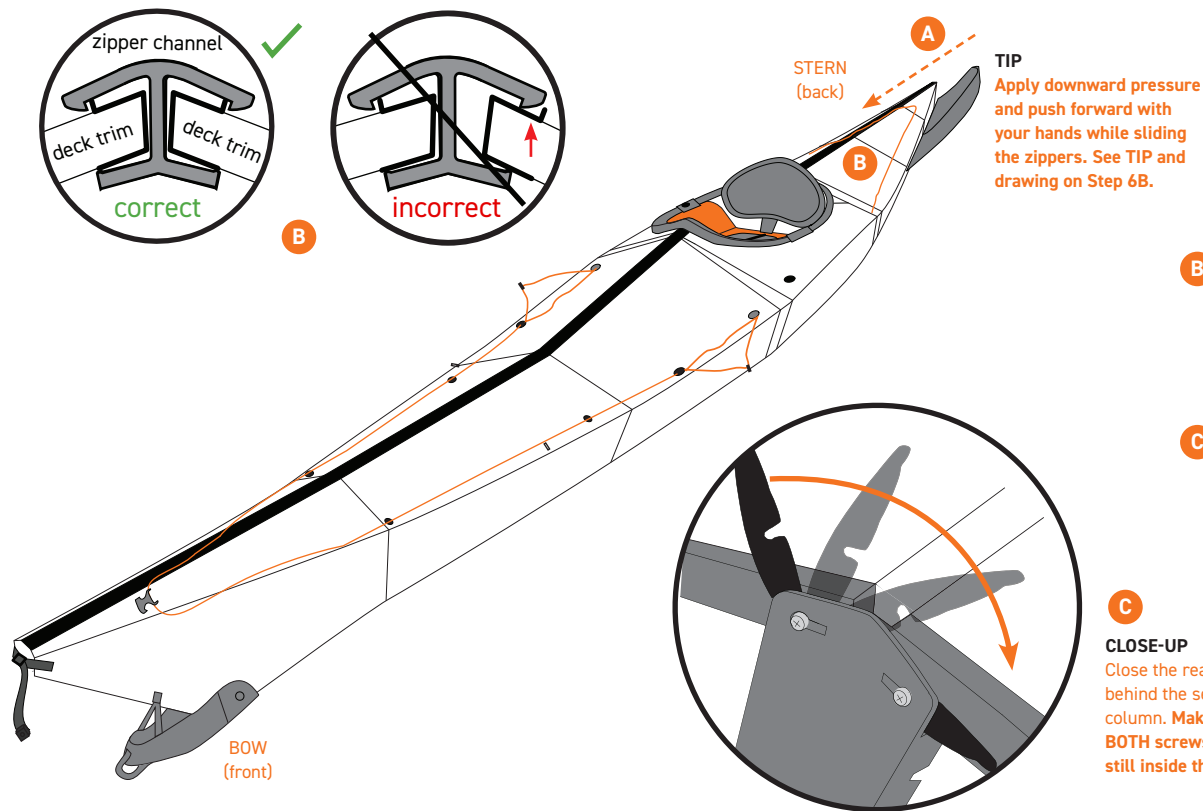
Closing the back of the kayak is similar to closing the front (step 6). You'll install the backrest column, which supports the rear cockpit area.

A Insert the backrest column into the slotted backrest plate in the floorboard. Tilt upward to lock the backrest column in place.

B Lock the top of the backrest column into the two shiny screws on the coaming of the kayak (see close up).



Step 8: Attach rear zipper channels



A Holding the stern of the kayak, begin to guide the zipper channel onto the deck trim (see tip). Do not force the zipper on as it may cause damage to the kayak. Make sure that the bulkheads are inside of the upper bulkhead channel.

B Continue until all three zippers are on the stern of the kayak. Check to make sure each zipper channel is on correctly.

C Close the rear coaming latch behind the seat column.

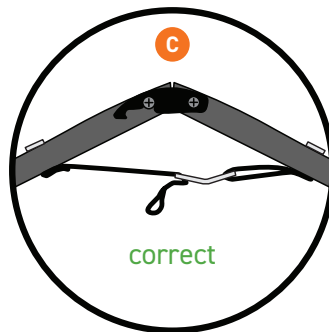
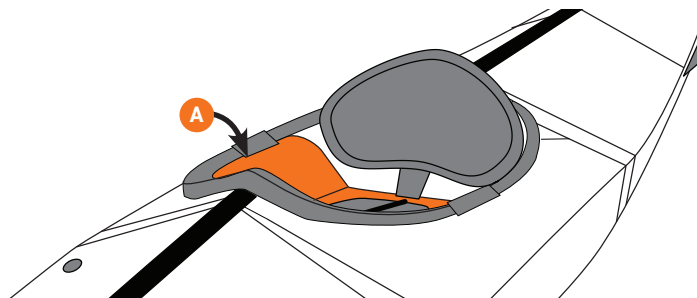
C

CLOSE-UP

Close the rear latch behind the seat column. **Make sure BOTH screws are still inside the slots.**

Step 9: Tighten the tension strap

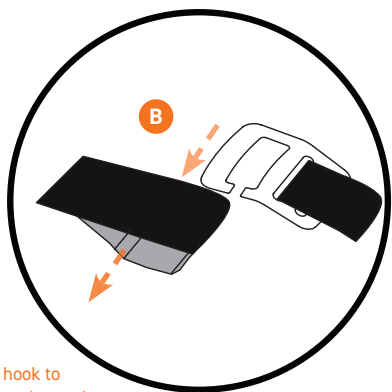
Tightening the tension strap provides additional rigidity to the hull of the kayak.



A The tension strap is located inside the hull underneath the bow coaming latch.

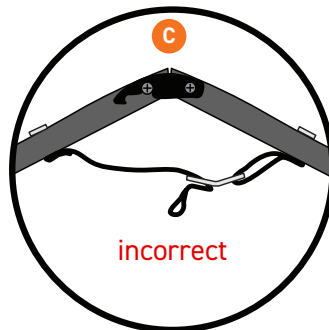
B Fasten the hook onto the strap loop and tighten.

C Make sure the strap is tight (see diagrams).



CLOSE-UP

Fasten the hook to the strap loop located under the deck.



Step 10: Add the finishing touches

Just a few more things to get your Oru Kayak ready for the water!

- A** Using the foam block attached to the end straps, plug the bow and stern of the kayak.
- B** Stretch the neoprene fairings over the bow and stern and clip the buckles to the deckline buckles at each end. Tighten the strap until the deck lines are tensioned.

STERN
(back)

- C** Stretch the bungee across the deck in front of the cockpit (standard positions shown). You may configure the clips as you see fit).
- D** Buckle the seat back straps to the stern-side straps on the coaming.
- E** Slip the seat pad under the bungee on the floorboard.

BOW
(front)

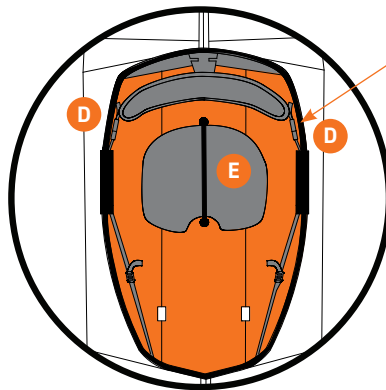
NOTE

If the fairings won't stretch over, make sure the ends are inverted (see Step 5A).

CLOSE-UP
Step D and E

NOTE

Use buckles to adjust backrest and leave space for more comfort.



Final adjustments

BEFORE YOU GET IN:

LOOSEN THE FOOTREST

This will allow easy entry.

ADJUST THE HEIGHT OF THE BACKREST

Move the bungee up or down the notched backrest column to support your lower back.

Pull on the seat back straps to adjust the angle and contour of the seat. When properly adjusted, there should be a space between the seat back and the rear of the coaming, while seated in a normal position.

ONCE YOU'RE IN:

ADJUST THE FOOTREST

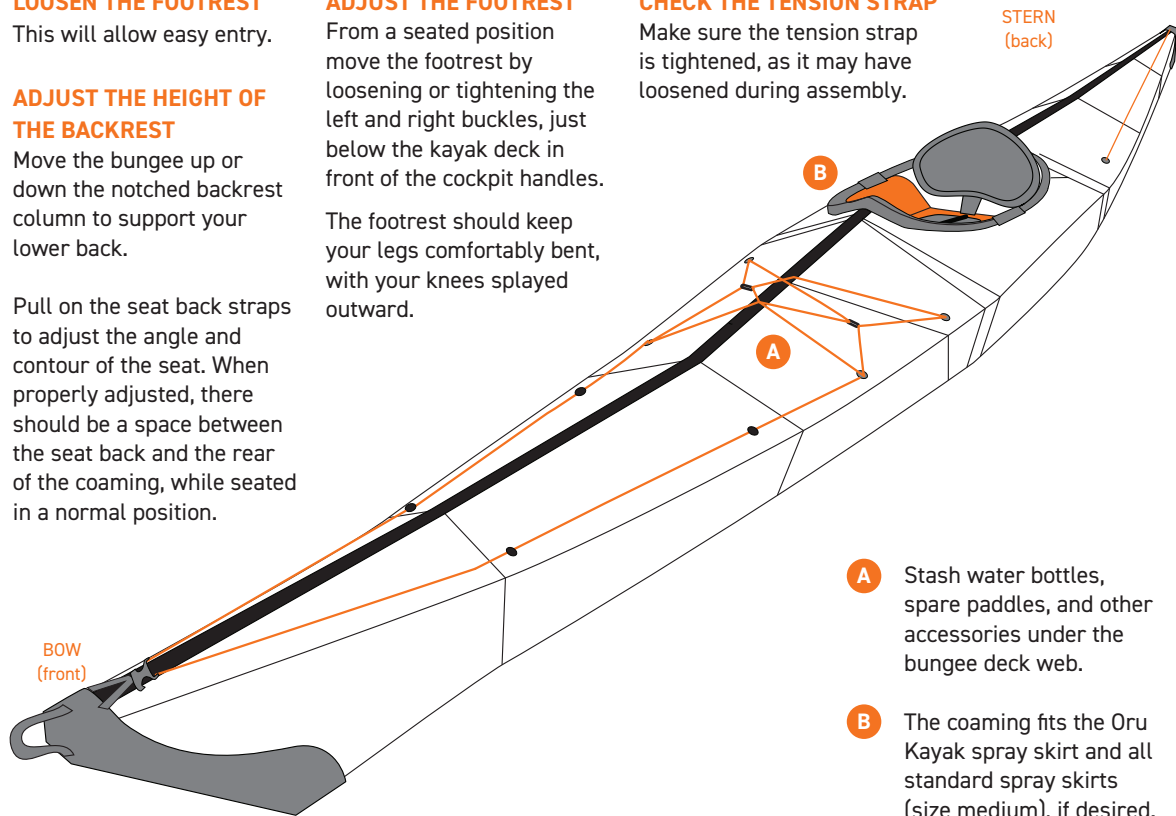
From a seated position move the footrest by loosening or tightening the left and right buckles, just below the kayak deck in front of the cockpit handles.

The footrest should keep your legs comfortably bent, with your knees splayed outward.

ONCE YOU'RE IN:

CHECK THE TENSION STRAP

Make sure the tension strap is tightened, as it may have loosened during assembly.



A Stash water bottles, spare paddles, and other accessories under the bungee deck web.

B The coaming fits the Oru Kayak spray skirt and all standard spray skirts (size medium), if desired.

ASSEMBLY CHECKLIST

- Zipper channels are tight and no deck trim is visible underneath.
- The fairings cover both ends.
- Coaming latches are locked at the front and back of the cockpit.
- Both cockpit handles are locked onto the coaming.

Congratulations!
Your Oru Kayak is
ready for the water.

Back on land: Folding your Oru Kayak into its box

Disassembling the Oru Kayak is basically a reversal of the assembly, however there are a few tricks.

Follow these directions to learn how to pack your Oru Kayak back into its box quickly and easily.

- 1 Unclip the fairings and **FULLY** loosen the end straps at bow and stern. Remove the foam plugs.
- 2 Unhook the deckline clips and web.
- 3 **IMPORTANT: Loosen and unhook the tension strap before removing any zipper channels.**
- 4 Unlatch the front and rear coaming latches.
- 5 Remove the zipper channels starting with the ends of the kayak. (Remove one channel at a time by placing your palm on the zipper. Apply pressure downward and out towards tip to remove.)

TIP: Some water may collect inside the plastic corrugated flutes. To let it escape, stand the assembled kayak vertically for about 10 minutes to let it drain out.
- 6 Open the coaming latch. Remove the rear seat column by unhooking it from the coaming screw posts.
- 7 Unclip the footrest and remove the stern bulkhead. Bow bulkhead stays in the kayak and clipped to the bulkhead keeper.
- 8 Remove the floorboard by swiftly pulling up from the center.
- 9 Fold one end inward, compressing it like an accordion (you can start with the bow or stern).
- 10 Repeat with other end.
- 11 Fold the two accorioned ends towards the middle. To slide past each other, push the orange arrow towards the orange target and the black arrow towards the black target.

- 12 Continue pushing, in a twisting motion, until the arrows hit their targets.
- 13 Clip and tighten the two sets of outside deck buckles on either side.
- 14 Stash loose components throughout the box, making sure that they're safely positioned.
- 15 Place the floorboard over the top of the box. Place and tighten the shoulder strap loops over the box.
- 16 All packed up and ready to go!

The shoulder strap makes it easy to carry the Oru Kayak short distances; for longer trips we recommend our Oru Pack. Available at www.orukayak.com

**FOR STEP-BY-STEP VIDEO INSTRUCTION
WATCH THE ASSEMBLY VIDEO:**

www.orukayak.com/pages/assembly