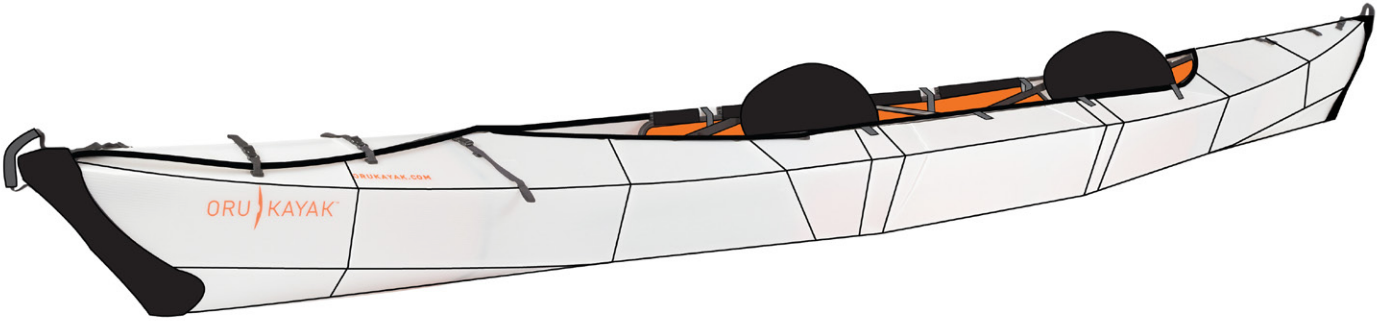
OWNER'S MANUAL

HAVEN TT

ORU KAYAK

US PATENT NO. 8,316,788
US PATENT NO. 10,843,772
OTHER PATENTS PENDING



WARNING

All persons using this kayak must read, understand and follow all instructions. Failure to do so may result in serious injury or death. Keep this manual in a safe place for future reference and provide it to anyone using this kayak.

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1. Product specifications
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Visit **www.orukayak.com** and our Facebook page to share stories, connect with the community, and stay updated on Oru Kayak news and events. Use **#orukayak** to share your own photos!

QUESTIONS OR SUGGESTIONS?
Email us at **info@orukayak.com**

Welcome to the Oru Kayak community!

We're a young company working to change how people experience the outdoors. We designed the Oru Haven TT to make getting out on the water simple, fun, and easy for families and friends.

This manual gives an overview of the Haven's features— and includes a lot of useful tips and kayaking know-how. Read on to learn the basics of planning your trips, handling a paddle, getting into the water, and staying safe. To take your experiences to the next level, we recommend taking a lesson from a local paddlesports shop.

Happy paddling— we look forward to hearing about your adventures!

The Oru Kayak Team

1 Product Specifications

The Haven TT's design is all about ease and simplicity. A single sheet of double-layered polypropelene forms the hull and deck of the assembled kayak, and transforms into the box. The overlapping flaps that form the deck make for ultra-fast assembly and the open cockpit gives you plenty of room. Internal bulkheads and two rigid floorboards add strength. The adjustable seating configuration allows you to paddle the Haven as a single or a tandem kayak, and the adjustable footrests let you paddle in comfort whether you're solo or with another. All of the loose parts, including the Oru Paddle, fit into the Oru Haven box.

1.1 MATERIALS & CONSTRUCTION

- Double-layered 5 mm polypropylene hull and deck with UV inhibitors
- Double-layered 10 mm polypropylene seat and bulkheads (NOTE: bulkheads are for structural rigidity ONLY and are not watertight)
- ABS structural components
- Polyproplylene and EPDM rubber trim
- Heavy-duty nylon and neoprene rubber fairings
- Nylon and stainless steel fasteners

1.2 DIMENSIONS & CAPACITIES

Assembled	
Length	16' (488 cm)
Width	31" (79 cm)
In case	
Length	34" (86 cm)
Width	17" (43 cm)
Height	29" (74 cm)
Weight	43 lbs (19.5 kg)
Capacity	500 lbs (227 kg)

⚠ WARNING ⚠

DO NOT exceed your boat's capacity under any circumstances. Doing so will adversely affect the kayak's handling and reduce its stability, which will increase the chance of capsizing or swamping. Make sure loads are distributed as evenly as possible, with heavier items on the bottom and lighter ones on top.

2 Safety Warnings

⚠ WARNING ⚠

Kayaking can be physically demanding and dangerous. Use of this product and participation in the sport of kayaking involve inherent risks of serious injury or death.

Kayaking is fun and challenging but involves inherent risks of serious injury or death. To reduce these risks, users of this product must follow the warnings and instructions provided in this manual and in the warning printed on the Oru Kayak and use common sense.

Users of this product agree to accept the inherent risks involved in this paddlesport activity and agree to follow all instructions, cautions, and warnings carefully before and while using this kayak.

To reduce these risks follow these rules:

BEFORE YOU PADDLE

- Consult a physician before you begin kayaking activities or training. Make sure you are healthy enough to meet the physical demands of this sport.
- Obtain training in the safe use of your kayak from a qualified instructor and build your experience in controlled situations.
- Check the weather and water conditions. Oru Kayaks are designed to be used ONLY in sheltered waters, on inland lakes, or in slow moving rivers. They are NOT designed for white water use. NEVER go paddling in strong winds, rain, thunderstorms, choppy water, strong currents, flood waters, or where tides will affect your ability to steer the kayak or return to shore.
- Strictly follow the assembly instructions in the Haven Assembly Guide. If the kayak is not assembled correctly, it can lose its structural integrity and collapse.
- Inspect the kayak, including the deck straps and buckles, and all associated equipment (e.g., paddle) before each use for signs of excessive wear or damage.
- Familiarize yourself with the body of water on which you will be paddling. Determine whether there are known hazardous conditions, such as low water levels or sharp rocks, and know where you can get help quickly in case of an emergency.
- Consult and abide by all US Coast Guard regulations and state

and local laws, regulations, and ordinances regarding boating, equipment, and boating safety.

- Prepare a float plan and let friends or relatives know where you plan to go and when you plan to return.
- Obtain certified first aid and rescue training.

USE THE RIGHT EQUIPMENT

Always use a US Coast Guard–approved life jacket or personal flotation device (PFD such as the Oru PFD). Read the PFD manufacturer's instructions and familiarize yourself with how the PFD should be worn.

- Dress appropriately for your weather conditions: cold weather and/or cold water can result in hypothermia. Wear a wetsuit or drysuit if necessary.
- Carry an approved helmet and wear it when necessary.
- Carry first aid equipment and understand how to use it.
- Carry an audible signal device, such as a horn or whistle. If possible, attach the device to your PFD.
- If additional outfitting is attached to this kayak, use compatible accessories only.
- Make sure that all equipment and baggage is stowed securely and does not impede your safe exit from the kayak.

WHEN YOU PADDLE

- NEVER paddle alone. It is best to have someone with you in case of an emergency or accident.
- DO NOT exceed the kayak's maximum load capacity, which includes the weight of the passenger and any onboard equipment and provisions.
- Avoid hazardous conditions, such as flooding, tidal changes, large waves, fast-moving currents, and high surf.
- Only paddle in flat, protected water. This product is not designed for use in fast water, rough water, or large surf.
- Never allow minors to use this kayak without adult supervision.
- Never use or consume alcohol, drugs, or any other substance that may affect your coordination, judgment, or ability to operate this kayak safely.
- Never exceed your ability. Honestly assess your physical strength, endurance, and paddling skills.
- Scout unfamiliar waters; remove your kayak from the water and carry it to avoid unsafe conditions.

Read this entire Owner's Manual for additional safety information.

3 Assembly & Disassembly

See the Haven Assembly Guide that comes with your kayak.

⚠ WARNING ⚠

Strictly follow the Assembly Guide included with your Oru Kayak. If the Oru Kayak is not assembled correctly, it can lose its structural integrity and collapse.

4 Proper Care & Storage

4.1 CARE AND MAINTENANCE

With care and maintenance, your Oru Kayak will last for years. To ensure this, follow these tips:

- Inspect your kayak before each use to make sure it is not damaged, and that all screws are tight.
- Rinse off your kayak with clean, fresh water after each use, especially after paddling in salt water.
- Make sure water does not collect inside the kayak case after use.
- Some water may collect inside the plastic corrugations. To let it escape, flip the unfolded kayak upside down to let it drain out.
- For additional cleaning, use general-purpose cleaning spray with a soft, non-abrasive rag or sponge.
- In case of serious damage or punctures, email us at **service@orukayak.com.** Please include photos of the issue and your HIN number for faster resolution.

4.2 STORAGE

Store your Oru Kayak in its box form, indoors, away from direct sunlight and heat sources. Prolonged exposure to sunlight can cause plastics to discolor or become brittle.

5 Transporting Your Haven TT

The Haven TT is compact and light. Take advantage of this by lifting rather than dragging it in order to avoid scratching the bottom of the kayak.

- Carry the box with the shoulder strap for short trips. The weight can be shared if two paddlers carry the boxed kayak via the underside of the floorboard lid on either side of the boxed kayak.
- DO NOT carry your Oru Kayak on top of a car or trailer. If transporting in a car, fold it into its box form and stash it inside.
- The assembled, empty kayak can be carried by two people, using the fairing handles at the ends.

⚠ WARNING ⚠

Do NOT carry the kayak with two people by the fairings if it is loaded with gear – this can lead to stress and structural failure in the cockpit area.

6 Recommended Usage

The Haven is designed to be used ONLY in sheltered flat waters, lakes, and slow-moving rivers. It is NOT designed for fast-moving water, rough water, or surf.

The Oru Kayak is a recreational kayak and does not have waterproof bulkheads. If it capsizes, the entire kayak will fill with water and can sink.

- Whenever possible, enter the Haven from a dock or a place where the kayak is floating in the water. If beach landings or launches are required, choose a location with smooth sand or mud to minimize abrasion.
- Use water displacement devices if you are paddling on open water.
- DO NOT scrape or drag the kayak, especially on sharp surfaces.
- DO NOT use or fold your Oru Kayak in air temperatures below freezing (32°F/0°C). The kayak's plastic hull can become brittle and crack at temperatures below freezing.

⚠ WARNING ⚠

The Haven is designed to be used ONLY in sheltered flat waters, lakes, and slow-moving rivers. It is NOT designed for fast-moving water, rough water, or large surf.

7 Gear List

The following is a list of required or useful items that can be found at www.orukayak.com, your local kayak shop, or through other online retailers.

7.1 REQUIRED GEAR

- PFD (personal flotation device such as a life jacket). This must be US Coast Guard approved (or approved by the relevant agency in other countries), such as the Oru PFD, and must be worn at all times while kayaking.
- Paddle. Kayaks use a double-bladed paddle like the Oru Paddle or Oru Carbon Paddle.
- A horn or whistle. US Coast Guard regulations require an audible signal device to be used in all watercraft. Attach the device to your PFD.

7.2 HIGHLY RECOMMENDED GEAR

- First aid kit
- Phone or other communication device. Devices not made for marine use should be kept in a waterproof drybag.
- Appropriate clothing, depending on weather and conditions. Always be aware of hypothermia risks and bring extra clothing. For short trips and casual paddling, wear thermal clothing made of synthetic fabrics or wool.
- Bailing sponge
- Bilge pump
- Food and plenty of drinking water
- Maps and compass
- Sun protection (sunscreen, sunglasses, hat, etc.)

8 Kayaking 101

All users of this kayak should obtain qualified instruction to learn proper paddling technique, water safety, and first aid before using this kayak. This manual is not intended to provide complete training on all aspects of kayaking. The following tips, however, are provided to get you started.

8.1 ENTERING & EXITING A KAYAK SOLO

For all methods of entry and exit, be aware of water and weather conditions; nothing will knock you off balance like an unexpected wave. Different types of entries are described below. To exit the kayak, perform the entry steps in reverse.

From a high dock or boat:

1. Float the kayak alongside the dock.
2. Sit down on the dock.
3. Place your paddle nearby so you can reach it once you are in the kayak.
4. Place both feet in the kayak.
5. With both hands on the dock, lower yourself into the kayak. Hold on to the dock to maintain stability; keep your center of gravity low as you enter the kayak, and slide into a sitting position. DO NOT stand up in the kayak at any point.

From a low dock or platform:

1. Float the kayak alongside the dock.
2. Place the paddle across the cockpit and dock, just behind the backrest.
3. Sit down on the dock next to the boat, in front of the paddle.
4. Place one hand on the paddle and the cockpit where they meet, gripping them together tightly.
5. Place the palm of your other hand on top of the paddle on the dock. Do not grab the paddle; you will smash your fingers.
6. Swing your legs into the kayak.
7. Lower yourself into the seat. The end of the paddle braced against the dock will keep the kayak stable and prevent it from drifting as you enter.

From a beach:

1. Make sure the kayak is floating in at least six inches of water.
2. Place one hand on the cockpit, and keeping a low center of gravity, gently step one foot and then the other into the center of the floorboard.
4. Lower yourself into the seat.
5. Start paddling.

All users of this kayak should obtain qualified instruction to learn proper paddling technique, water safety, and first aid before using this kayak. This manual is not intended to provide complete training on all aspects of kayaking. The following tips, however, are provided to get you started.

8.2 ENTERING & EXITING THE KAYAK IN TANDEM

Again, for all methods of entry and exit, be aware of water and weather conditions; nothing will knock you off balance like an unexpected wave. Different types of entries with a partner are described below. To exit the kayak, perform the entry steps in reverse.

From a high dock or boat:

1. Float the kayak alongside the dock.
2. The back seat paddler should enter first. Sit down on the dock.
3. Place your paddle nearby so you can reach it or hand it to your partner to pass to you once you are in the kayak.
4. Place both feet in the kayak.
5. With both hands on the dock, lower yourself into the kayak. Hold on to the dock to maintain stability and keep your center of gravity low as you enter the kayak. Slide into a sitting position. DO NOT stand up in the kayak at any point.
6. If possible hold on to the dock to steady the kayak for your partner to enter.
7. Entering last as the front seat paddler, pass your paddle to your partner in the boat. Sit down on the dock to enter the front seat.
8. Repeat steps 4 & 5.

From a low dock or platform:

1. Float the kayak alongside the dock.
2. The back seat paddler should enter first.
3. Place the paddle across the cockpit and dock, just behind the backrest.
4. Sit down on the dock next to the boat, in front of the paddle.
5. Place one hand on the paddle and the cockpit where they meet and grip them together tightly.
6. Place the palm of your other hand on top of the paddle on the dock. Do not grab the paddle; you will smash your fingers.
7. Swing your legs into the kayak.
8. Lower yourself into the seat. The end of the paddle braced against the dock will keep the kayak stable and prevent it from drifting as you enter.

9. If possible hold on to the dock to steady the kayak for your partner to enter.
10. Entering last as the front seat paddler, repeat steps 3-8.

From a beach:

1. Make sure the kayak is floating in at least six inches of water.
2. The back seat paddler should enter first.
3. Place one hand on the cockpit and keeping a low center of gravity, gently step one foot and then the other into the center of the floorboard.
4. Lower yourself into the seat.
5. Entering last as the front seat paddler, repeat steps 3-4.
6. Start paddling.

8.3 SITTING IN A KAYAK

The proper sitting position will keep you comfortable for hours of paddling and also will help you better control the boat.

- Sit in the kayak upright, with your back against the seat back.
- Adjust the footrest so that your feet rest on it, with your ankles in a neutral position. Your knees should be comfortably bent, and your legs should be splayed apart.

8.4 PADDLING A KAYAK

Paddling a kayak is fairly intuitive, but a few tips will make your experience more efficient, fun, and relaxing.

8.4.1 How to choose a paddle

Recommended paddle sizes may vary based on the paddle shape and type, as well as your personal preference. This table offers rules of thumb, but it is important to note that wider settings might be neccessary to accomodate the Haven's width.

YOUR HEIGHT	RECOMMENDED PADDLE LENGTH
5'0" – 5'5"	215 – 220 cm
5'5" – 6'2"	220 – 230 cm
6'2" +	225 – 240 cm

On some kayak paddles the blades are in the same plane. On others, the blades are offset, to cut more efficiently through wind and water; these are called feathered paddles. Many paddles, including the Oru Paddle, can be set in either a feathered or unfeathered position.

8.4.2 How to hold a paddle

1. Hold the paddle securely in front of you with your hands on the shaft about elbow-width apart.
2. Raise the paddle above your head and balance the paddle shaft on your head. Reposition your hands so that your elbows are at right angles.
3. Keep your hands in this position and rotate the paddle to just below shoulder height.
4. This position will allow you to rotate your torso while you paddle. This will let you paddle faster, longer and more efficiently. It will also protect you from shoulder fatigue or injury.
5. If you're using an unfeathered paddle, your knuckles should be aligned with the paddle blades.
6. If you're using a feathered paddle, the knuckles of your dominant hand should align with the corresponding paddle blade. With each stroke, you'll rotate the paddle so that the blade enters the water at a right angle.
7. Whichever paddle you choose, you will use the same grip and positioning for all strokes.

8.4.3 How to paddle

For all strokes, maintain an upright posture, with the footrest and seat back adjusted as described on page 9.

Forward stroke

- Start with the paddle oriented as described above.
- Rotate to your left at the torso, and then place two-thirds of the paddle blade in the water; imagine that you're stabbing the water.
- Rotate your torso toward your right with the paddle in the water. Repeat on the opposite side, alternating strokes on the right and left. You want to use both hands equally—push with one hand while you pull with the other.

Reverse stroke

To stop, slow down, or move backward, do the same stroke in reverse. There is no need to flip the paddle backward.

⚠ WARNING ⚠

Practice new strokes in calm, shallow water.

⚠ WARNING ⚠

Kayakers, especially beginners and novices, can be particularly vulnerable to adverse weather and water conditions. Because of their light weight and limited speed, kayaks can be especially sensitive to wind, waves, and current. Always be aware of your paddling abilities, the water and weather conditions, and the limitations of your kayak, and use common sense and good judgment for your own safety.

8.5 MANEUVERING A KAYAK

Rudder turn

- Once you have forward momentum, place your paddle in the water just behind your hip.
- The resistance and torsion will cause your boat to rotate around the side the paddle is on.

Sweep-stroke turn

- Place the paddle in the water near the bow (front).
- Then make a large arc-shaped motion toward the stern (back).
- The sweep stroke can be done in a forward or reverse manner.
- To turn the boat in a circle, do a forward sweep stroke on one side and a reverse sweep stroke on the other side.

8.6 RESCUES

We recommend that you seek professional instruction before using your kayak in open water. Open water rescues are tricky and technical.

- We highly recommend the use of float bags. These enable the kayak to float with the coaming above water level, even after a full capsize. You can then fully bail out the kayak, making all rescues much easier.

- ALWAYS WEAR A PFD AND NEVER KAYAK ALONE! Open water rescues are much easier and safer with multiple paddlers available to assist.

The wet exit

If your kayak flips while you are in it, the open cockpit will allow you to just slip out:

- Remain calm.
- Locate your paddle and keep one hand on the kayak at all times.

NOTICE: After a wet exit, you will be swimming next to a kayak full of water. Don't panic! There are ways to get back into your kayak from the water. But, it helps to have friends and experience—don't go out into open water without them!

The T-rescue (performed with an additional kayak)

8 Kayaking 101 (continued)

- This rescue can be performed if you're paddling the Haven solo or with a partner.
- Your rescuer will come to assist you in their separate kayak.
- Make sure the Haven is upside down in the water.
- Your rescuer will pull the kayak onto the front deck of their kayak, and drain the water from your kayak by rocking it back and forth.
- Your rescuer will flip your kayak right side up and slide it back into the water, placing it alongside their boat, stern-to-bow.
- While your rescuer holds both sides of the cockpit to stabilize your kayak, you will climb into your kayak keeping a low center of gravity, pivoting your feet into the cockpit.
- You will then roll towards the rescue boat, sliding your feet and bottom into your kayak.
- If paddling the Haven with a partner, have your rescuer continue to hold the sides of the cockpit as you hold onto theirs for extra stability as your paddling partner climbs into the kayak.
- Even after your rescuer has emptied the boat, there will likely be water in the kayak. Use a sponge or pump to empty and dry the kayak.

NOTICE: If no one is available to assist you, the reentry technique is more complicated and should be taught by an experienced instructor.

9 Limited Warranty

Oru Kayak, Inc. warrants this product to be free from defects in material or workmanship for a period of one year from the date of its original ship date. If a problem occurs, you must contact Oru Kayak in a timely manner, either by phone at **415.630.3717** or email at **service@orukayak.com**, and obtain a Return Authorization Number. Once a Return Authorization Number is obtained, you must promptly ship the product, postage prepaid, to Oru Kayak, Inc. for inspection and warranty consideration to the return address that will be provided. Any product that is covered by this warranty and that is found in the reasonable judgment of Oru Kayak, Inc. to be defective in materials or workmanship will be repaired or replaced at Oru Kayak's option. All covered repairs or replacement products will be made at no charge during the warranty period and within a reasonable period of time.

This warranty does NOT cover:
Products used for commercial or rental purposes; normal wear and tear, including punctures, cuts and abrasions sustained in normal use; damage caused by accident, neglect, or misuse; damage caused by improper storage maintenance, or handling; damage caused by extreme weather or environmental conditions, including white water conditions; products that have been structurally altered or modified; damage caused while the product is in possession of a freight carrier or party other than Oru Kayak; cosmetic wear, abrasion, or damage caused by excessive UV exposure; and products determined to have been used for any activity other than an activity that is intended or customary for the product.

ACTIVATING YOUR WARRANTY

9 Limited Warranty (continued)

The warranty registration form should be completed online (go to **www.orukayak.com/pages/faqs#Warranty**) within thirty days of original purchase or receipt of product to be activated. It is suggested that you keep your sales receipt should it be required in the future for proof of purchase.

LIMITATION AND DISCLAIMER OF IMPLIED WARRANTIES

To the extent permitted by applicable laws:

- Oru Kayak does NOT make any implied warranty of merchantability as to any product or part, whether or not the product or part is covered by any express warranty herein;
- Oru Kayak does NOT make any implied warranty of fitness for a particular purpose, and there are no warranties that extend beyond the description on the face hereof;
- In those jurisdictions where the implied warranties may not be disclaimed, any implied warranty is limited in duration to the duration of the express warranty described in the warranty statement. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

NO LIABILITY OF INCIDENTAL OR CONSEQUENTIAL DAMAGES

The repair and replacement remedies described in this warranty are the owner's sole and exclusive remedy. In no event shall Oru Kayak be liable for any incidental, special, or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

To validate the warranty, you must register your Oru Kayak within thirty days of receipt of your kayak. Register online at **www.orukayak.com/pages/faqs#Warranty**

10 Your Kayak's Information

For activating your warranty, you will need the place of purchase, date of receipt, and the **Hull Identification Number (HIN).** The HIN is your kayak's unique ID. It is located on the outside of the kayak hull on the back right. If you are having trouble finding it, head to our FAQ page for a video to help.

For your own records:

PLACE OF PURCHASE: _____

DATE OF RECEIPT: _____

HULL IDENTIFICATION NUMBER (HIN):

0KA ☐☐☐☐☐☐☐☐☐

ORU KAYAK

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EXPLORE
OUTSIDE
THE BOX™

We're eager to hear about your Oru Kayak adventures!

Keep up with events and updates, and share your own journeys, stories, and photographs:

Facebook www.facebook.com/orukayak
Twitter @orukayak
Instagram @orukayak #orukayak

ORU KAYAK

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