

retrospec

Coaster

Inflatable Single & Tandem Kayak



OWNER'S MANUAL

Oh, hey!

We're so happy to have you along for the ride. Your new inflatable kayak comes with everything you need to make a splash.

A little about us:

The outside is for everyone, but not everyone feels comfortable outside. So we set out to make everyone feel at home in the open air. We believe that all people, regardless of background or experience, should enjoy the life-affirming, eye-opening beauty of nature.

The Retrospec Pledge:

Invite everyone, regardless of experience
Focus on having fun, not being first
Be nice. It's that simple.
Keep spirits high, even if energy is low
Leave judgment at the doorstep

Turns out, you're a natural.

It doesn't have to be intense to be super fun, but you know that. Regardless of your experience, we're here to guide you at every step so you can feel at home outside.

Need some help? Hit us up:

team@retrospec.com

Instagram: @retrospec



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Let's Keep it Safe Out There

⚠ WARNING!

Paddlesports can be very dangerous and physically demanding. The user of this product must understand that participation in paddlesports may involve serious injury or death.

Failure to follow the warnings; precautions; and instructions below and throughout this manual may lead to serious injury or death.

Do not exceed your physical ability or skill level.

Determine how long you are able to paddle or swim before using your kayak. Do not paddle in conditions that are above your skill or experience level.

Learn from a professional.

Take a lesson, safety course and get hands-on training from a local kayak outfitter or look online for accredited educational content and certified instructors.

Always paddle with others.

Avoid paddling alone.

Always wear a US Coast Guard approved personal flotation device (PFD).

Federal law requires that PFDs are used on kayaks and SUPs outside of a surfing, swimming or bathing area. Wear it!

Carry a whistle on board.

Required by federal law (beyond a surfing, swimming or bathing area) and allows you to signal other boaters.

Avoid using your kayak in shallow water.

Fins may strike submerged objects causing damage to the fins and/or fin boxes which are not covered by warranty.

Stay hydrated and bring a snack.

Make sure you stay hydrated and properly fueled.

Never use this kayak after sunset.

Required by federal law, always carry a waterproof flashlight in case you are caught in the water after dark to warn other boaters of your presence.

Always check the weather before heading onto the water.

Don't use your kayak in severe weather, if you see or hear lightning or thunder, or in strong windy conditions. Pay extra attention to offshore winds and currents that can push you away from safety. Stay aware and know that conditions can change quickly.

Hypothermia can cause death.

Check water and air temperatures and dress appropriately. Hypothermia can occur in relatively warm water. Survival time decreases dramatically as water temperature drops – as quickly as 15 minutes in 35 degree fahrenheit water (2 degrees celsius). Wear a wetsuit or drysuit when necessary.

Familiarize yourself with the body of water where you plan on using your kayak.

Check for any known hazardous areas, hours of operation, and where the nearest help can be reached in case of emergency. Check local guides or online / apps resources for information on currents and tides, if applicable. Familiarize yourself with and abide by local boating traffic and navigation laws/regulations.

Slip hazard.

Deck materials may become slippery when wet. Wear slip resistant footwear.

Inform others of your paddling plans.

Where you plan to go and how long you plan to be gone.

Minors must be supervised and wear a US Coast Guard approved PFD at all times.

This kayak must not be used by a child aged between 12 and 18 years old without adult supervision.

This kayak must not be used by a child aged less than 12.

Stay close to shore.

Your kayak is a nearshore beach craft. Do not operate more than 250 yards from the shore/coastline.

Pay attention to your surroundings.

Do not paddle near dams, piers, pilings, rocks or other hard objects or obstructions.

Stay seated in your kayak.

Do not stand in your kayak. Use caution and keep your center of gravity low when entering and exiting the kayak. Never jump or dive onto or off of this kayak.

Check for damage before each use.

Do not use your kayak if you suspect a puncture or leak.

Do not overinflate.

Inflate the chambers according to the instructions. Excessive inflation can cause the chambers to burst or cause damage to the welded seams, which is not covered by the warranty.

Load your kayak evenly.

Distribute the weight of passenger, gear, tackle box, and accessories evenly so that the kayak sits even front to back and side to side. Uneven distribution of persons or loads in the kayak can cause capsizing and drowning. Always maintain the proper kayak safety equipment in an easily accessible place in your kayak.

Do not exceed the weight limit.

The total number of persons and total weight shall not exceed the information printed on the kayak. Do not exceed the maximum recommended capacities. Exceeding the data given on the capacity plate can cause capsizing, drowning, or death.

Never leave in or near the water when not in use.

Never tow from any vehicle or power boat.

DO NOT consume alcohol/drugs, this may affect your ability to safely operate this kayak.

What's in the Box?

- Kayak
- Seat(s)
- 1 Pump
- Paddle(s)
- 3 Fins
- 1 Foot Rest
- 1 Carry Bag
- 1 Owner's Manual

What's Not in the Box?

(but we strongly recommend for your safety and security)

- US Coast Guard Approved Personal Floatation Device (PFD)
- UV 30+ Protective Clothing
- Slip-Resistant Footwear
- Waterproof Flashlight/Sunscreen
- Whistle
- Hat
- Sunglasses and lanyard

General Use Information

⚠️ **WARNING! DO NOT EXCEED THE MAXIMUM CAPACITY AS SHOWN ON THE INSIDE OF THE KAYAK.** Doing so will affect its handling, as well as reducing stability and increasing the chance of swamping. Make sure loads are distributed as centrally as possible. Keep loads low with heavier items in the bottom.

MAXIMUM CAPACITIES
NOT FOR MECHANICAL PROPULSION - NO MOTORS

1 PERSON OR 220 LBS.

220 LBS PERSON, GEAR
0.0 H.P. MOTOR
PRESSURE = 1.5 PSI / 0.10 BAR (3 CHAMBERS)

MANUFACTURER: RETROSPEC PERRIS, CA 92571 USA
MODEL: RETROSPEC COASTER 1
HIN #

MEETS ISO 6185-1 TYPE III

1  +  = 220 LBS/100 KGS

MADE IN CHINA

MAXIMUM CAPACITIES
NOT FOR MECHANICAL PROPULSION - NO MOTORS

2 PERSONS OR 505 LBS.

505 LBS PERSONS, GEAR
0.0 H.P. MOTOR
PRESSURE = 1.5 PSI / 0.10 BAR (3 CHAMBERS)

MANUFACTURER: RETROSPEC PERRIS, CA 92571 USA
MODEL: RETROSPEC COASTER 2
HIN #

MEETS ISO 6185-1 TYPE III

2  +  = 505 LBS/230 KGS

MADE IN CHINA

Boat Safety Labels

Your kayak is affixed with various safety labels from the factory. These labels are affixed at specific locations on the kayak where safety is of essential concern. Do not remove safety labels.

Caring for your Kayak

We have a feeling you're going to love your new kayak. There are a few things you should know about caring for your kayak before hopping on. Hey, we all need some TLC.

Do not store your kayak (inflated or uninflated) in direct sunlight or excessive heat conditions, such as inside a closed vehicle. Excessive heat will increase the pressure in the kayak beyond the recommended PSI and may cause irreversible damage.

If you must store your inflated kayak in the sun temporarily, protect it by placing it in the shade or by covering it in a towel. Release a small amount of air pressure to allow it room to expand from the heat. Pump it back to full pressure before using it again.

Rinse your kayak with fresh water after every use. Allow the kayak to fully dry before folding or storing.

Properly carry your kayak.

Never drag the kayak, always carry it.

Properly fold your kayak. Fold your kayak starting from the end opposite from the valves, then fold towards the valve end and allow the kayak to deflate completely. Never fold at the fin's bases, they must remain flat.

Transport

Do not transport your kayak fully pressurized. Traveling from low to high altitudes will increase air pressure in the chambers and can damage your kayak due to over-pressurization.

Keep all sharp objects away from your kayak at all times.

Inflation Instructions

WARNING! Do Not Exceed the Recommended Pressure!

Do not use an unregulated air compressor, CO2 or compressed air to inflate the kayak. Exceeding the recommended pressure will permanently damage the kayak and voids the warranty.

CAUTION: Water temperature and weather will affect the air pressure of the kayak. In cold water/weather your kayak will lose some pressure. If this happens you may want to add more air to improve performance. In warmer water, hot weather, or prolonged sunlight, the air pressure may increase. If this happens, you must let some air out of your kayak to prevent damage or failure due to over-pressure. Avoid extreme temperatures and conditions.

How the valves work

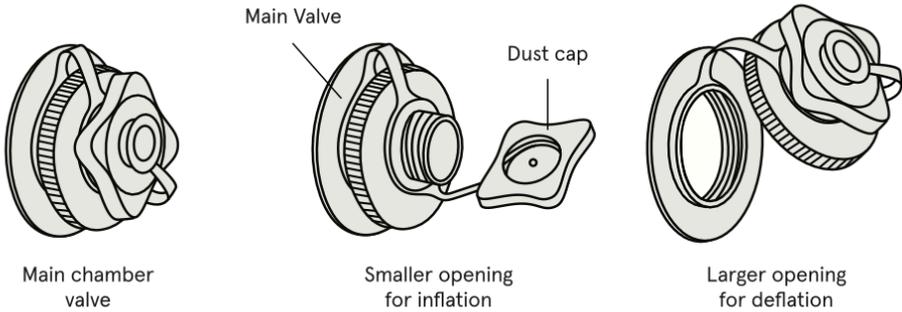
There is one valve per inflatable chamber (3 total), and the valve has two parts for two functions. Unscrewing the dust cap will show



the smaller of the two openings – this is used for inflation only. Unscrewing the larger section of the valve (the valve body) will show the larger opening which is used for deflation only (see figures below).

Inflate by pumping air into the smaller opening (under the dust cap). Deflation is not possible using this opening. Because the small opening has a no-return seal, the kayak cannot be deflated by this opening.

To deflate the kayak, unscrew the valve body to open the larger opening through which air can escape rapidly to quickly deflate the kayak.



1. Prepare the kayak:

Find a clean, flat surface free of any debris or sharp objects and unroll your kayak with the deck and valves side facing up.

2. Assemble the pump:

Screw the pump hose and pressure gauge into the pump handle.

3. Prepare the valves:

Make sure the main valves are firmly screwed onto each of the 3 air chambers.

4. Inflate the center floor chamber:

Starting with the center floor chamber, unscrew the valve dust cap and push the hose nozzle into the valve. Pump air into the chamber until it reaches 1.5 psi. Make sure it is centered in the middle of the kayak. Once inflated remove the hose nozzle and tightly secure the valve dust cap. Check pressure before each use.

5. Inflate the side chambers:

Inflate one side chamber until you see tension in the fabric. Repeat with the other side chamber. Both should reach 1.5 psi. Once inflated remove the hose nozzle and tightly secure the valve dust cap. Check pressure before each use.

6. Inflate the seat(s):

Use the matching nozzle to inflate the seat(s) until desired firmness (recommended 1.5 psi).

7. Attach the seat(s):

Attach the seat(s) to the kayak floor using the two Velcro strips running the length of the kayak. Attach the backrest straps to the side kayak tubes by threading the straps through the buckles. The straps can be tightened or loosened to move the seat backrest to your desired position.

NOTE: For Coaster Single, the paddler should position the seat in a central location. For Coaster Tandem, the 2 seats should evenly split a central location. Store gear and cargo in front of and behind the seat(s).

8. Attach the Fins

Turn the kayak over and attach the 3 fins by sliding them into the fin boxes and inserting the clip to secure. The largest fin goes in the center.

NOTE: Never sit or stand in your kayak on land with the fins attached. Doing so can permanently damage your kayak and is not covered by warranty.

9. Attach the footrest

Choose your desired footrest position. Attach the footrest using Velcro strips that run the length of the kayak.

10. Launch

Take your kayak to the water and launch!

Deflation, Maintenance, and Storage

1. Rinse your kayak with freshwater after each trip to prevent damage from sand, saltwater, and sun exposure. Use of a garden hose and a sponge with mild soap can clean most dirt.

NOTE: Never use solvents, chemicals or other liquids (such as battery acid, oil, and gasoline) to clean the kayak as they can damage the kayak's material and components.

2. Remove the fins by pressing and removing the plastic clip and sliding the fins out of their bases. Store in included kayak backpack.

3. Deflate the kayak floor, side chambers, and seat(s) by unscrewing the valve body (leave the dust cap on).
4. Remove the center floor by undoing the 6 Velcro straps.
5. Drain any water through the drain plug located at the back of the kayak.
6. Let all sections of the kayak, including the seats, air-dry in a shaded location.
7. Once dry, re-attach the kayak floor in the center of the kayak and re-attach all 6 Velcro straps.
8. Once dry, re-attach the seat(s) (deflated and folded) inside the kayak.
9. To fold, start by folding the sides of the kayak towards the center. Starting at the end opposite of the open valves, fold the kayak over in sections.
10. Once compact, place the kayak into its backpack. Be sure to pack the fins, pump, paddle and repair kit as well using the outside pockets and straps.

Storage

Before storing, make sure your kayak is **CLEAN and DRY!** Do not store the kayak while still wet to prevent mildew & mold. Choose a dry, cool, well ventilated place to store the kayak and all accessories. Don't hang the kayak. Don't place any heavy or sharp objects on it.

Your kayak is designed to be a storable, seasonal kayak. If your kayak will not be in use year-round, it is **STRONGLY RECOMMENDED** to deflate the kayak and dry it thoroughly and store it in a protected area for the off-season. This will help extend your kayak and prevent a safety hazard from developing while the kayak is not in use.

Repairs

Checking for Leaks

Retrospec Coaster kayaks feature inflatable chambers with zippers encased in a tough Polyester fabric outer shell for durability. If you suspect an air chamber has been damaged and is leaking, promptly check for punctures. **NOTICE:** Before removing inflatable

chambers to check for punctures, ensure all valves are fully tightened. Sometimes loose valves can leak. Reinflate and check again. To check the inflatable chambers for damage, deflate the kayak and unzip the outer fabric shell.

⚠ WARNING – DO NOT UNZIP THE OUTER FABRIC SHELL WHILE THE KAYAK IS FULLY INFLATED.

1. Remove the suspect inflation chamber(s) and check for obvious holes. If there are no holes visible, there may be a small pinhole(s).
2. To check for pinholes, inflate the chamber, submerge in water and look for air bubbles escaping. Also, you can cover the area in soapy water and look for bubbles made by the escaping air. If using this method, be sure to fully rinse and dry the chamber before repairing.
3. Repair small holes and tears in inflatable bladders with the included repair kit.

Repairing Pinholes

1. After locating the pinhole, mark the location.
2. Deflate the air chamber and thoroughly dry the area (if water or soap is used). Apply 1-2 drops of adhesive. Allow the glue to DRY completely (~4 hours).
3. Do not inflate the kayak for a minimum of 12 hours. Wear protective gloves when using glue (not included).

Repairing Small Punctures and Cuts

1. Wear protective gloves when using glue (not included).
2. Thoroughly clean the area surrounding the leak to remove moisture and dirt.
3. Rub sandpaper around the damaged area to roughen the surface for good adhesion.
4. Use the repair patch that matches the chamber fabric to cover the hole. Trim patch to 1¼" (3cm) beyond damaged area and round off any corners.
5. Lightly coat both the patch and damaged chamber area with adhesive.
6. Leave the glue for approximately 3 minutes until tacky before centering the patch over the damaged area and pressing it firmly into place, smoothing out bubbles or wrinkles. Allow the patch to cure for a minimum of 12 hours before inflating.

⚠ WARNING! Avoid the glue contacting with your skin or eyes, wear gloves, and keep glue away from the reach of children.

Warranty

Retrospec warrants manufacturer defects on all kayaks for up to one year from the date of purchase. We warrant against any manufacturer defect in workmanship and materials during this one-year window. The Warranty is valid only to the original retail consumer purchaser. Determining manufacturer defect is at the sole discretion of Retrospec. We

reserve the right to request images or otherwise for proof of manufacturer defect. This warranty commitment does not cover claim conditions listed below.

Product should be returned to the company from which it was purchased. Enclose a copy of invoice/receipt including date of purchase with your name, address, daytime contact phone number, and email address. Kayaks must be dry and clean before being returned. Dirty, wet kayaks will not be repaired.

This warranty commitment for inflatable kayaks does not cover claim conditions including:

- Damage or defects incurred by impact with any damaging materials or objects including, but not limited to rocks, shoals, docks, other kayaks, boats, etc. are NOT covered by the warranty.
- Damage incurred due to normal wear and tear of the kayak is NOT covered by the warranty.
- Damage or defects incurred by transporting, loading, unloading, dropping, or general mishandling of the kayak is NOT covered by the warranty.
- Damage or defects incurred due to incorrect prolonged storage of kayak, including but not limited to: storing in extreme temperatures over 90°F and/or under 32°F, prolonged exposure to direct sunlight while not in use, or prolonged storage in closed, damp conditions is NOT covered by the warranty.
- Kayaks used in rental, commercial, classes, or otherwise are NOT covered under warranty.
- Damage incurred by improper forcing, shoving, or general improper fin installation are NOT covered by the warranty.

Any modifications made to your inflatable kayak including, but not limited to, the replacement of parts or components with non-original equipment or the addition of aftermarket motors, seats, or otherwise voids the warranty.

This kayak is not designed or intended for commercial use, i.e., rentals, classes.

Contact Us

Need some help with your new gear? Just want to say “hey” and talk to someone on our team? We’re here for that too.

team@retrospec.com

Give us a follow, while you’re at it:

@retrospec

#retrospec

#readytooutdoor