

# SEA EAGLE<sup>®</sup>.com



## FastTrack™ 385ft & 465ft Kayaks with V-Bottom

Instruction & Owner's Manual  
For video instructions visit [SeaEagle.com/Instructions](https://SeaEagle.com/Instructions)

**Sea Eagle Boats Inc.**  
19 N. Columbia Street, Suite 1  
Port Jefferson, NY 11777  
1-800-748-8066

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## Congratulations on purchasing a Sea Eagle!

With over 50 years of experience in designing, selling and using these quality inflatables, we're confident that you are going to love your Sea Eagle and we're ready to proudly stand behind them.

### Sea Eagle Warranty

All Sea Eagle products come standard with a 3 year warranty against manufacturing defects. The warranty begins the date that your product is delivered and is transferable.

**Warranty does not cover damage from use, neglect, or abuse such as but not limited to abrasions, punctures and tears.**

See complete warranty details at [SeaEagle.com/Warranty](http://SeaEagle.com/Warranty).

### Registration Decals & Numbers

Most states do not require a registration of kayaks without motors to be registered, so check local requirements. The FastTrack can take skeg mounted electric motor such as the Bixpy motor. In that case, you may be required to register the kayak. Kayak and motor, including trolling motors, to be registered with the Department of Motor Vehicles or at an other office like Oregon's State Marine Board for example.

For most states, a Manufacturer's statement of Origin (MSO) and Bill of Sale (BOS) are needed for registration. The MSO is printed on blue safety paper with original signature. We typically place these documents in a protective pocket adhered to the outside of the boat box. Check the outside boat box for these documents before discarding the boxes. We are required to collect sales tax for most places we ship to in the United States and some countries. If we did not collect tax, it may be due when you register the boat.

Some boat specifications may be needed for registration, these can be found on the MSO and on page 4 of this document.

For Sea Eagle owners who purchased their boat from one of our dealers or affiliates, a copy of the Bill of Sale cannot be provided by Sea Eagle, it must be obtained from the dealer or affiliate, but Sea Eagle can supply a replacement MSO.

Boat registration stickers and numbers must be affixed to the boat in most jurisdictions. Registration stickers and vinyl numbers will not adhere well to an inflatable boat. Stretching from inflation and deflation causes vinyl numbers to peel off and the registration sticker to break up. We recommend gluing a plate for the sticker to the boat, using stencils and paint or a marker for the numbers, or purchasing a boat number plate online. Search the web for boat number registration plates for inflatable boats.

### NICB

The hull identification number (HIN) for each boat Sea Eagle sold or shipped from our headquarters is registered quarterly with National Insurance Crime Bureau (NICB). If stolen, authorities can search the national data base to see if anyone has registered the boat or it can be blocked from registration.

### Contact Us

Unlike many other companies today we pride ourselves on answering the phone and helping you with any concerns, questions or special ordering needs that you may have! Feel free to give us a call at **1-800-748-8066** and we will be happy to talk with you! Our business hours are Monday to Friday from 9AM to 5PM, EST.

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# SAFETY

## Get Ready For Boating

It is not possible to fully cover boating and boating safety in this owner's manual. We recommend boating safety education through reading, videos, and mentorship from experienced boaters. Boating is challenging and inherently dangerous. Follow safe practices, be fit enough to meet the challenges of boating, and prepared for any weather conditions that may occur. Build experience, start with small, easy trips.

## Operator Responsibilities

The information in the owner's manual is supplied with the understanding that the boat will be operated using good seamanship with attention to safe loading, safe operating conditions, and safe operation. The manner in which the boat is loaded and operated is the responsibility of the operator.

**Intended Use:** The FastTrack is intended for near shore recreational use. The FastTrack is not self bailing, and should not be used in whitewater or in the surf.

## Boating Safety Course

In the United States, the Coast Guard is the authority on boating operation and safety. Many state and international requirements go beyond Coast Guard requirements including boating safety course and certification requirements. Call or visit local jurisdiction web sites for more information. Some states are requiring certification courses for operators of motorized boats.

## Local Knowledge

Some agencies including parks and environmental protection departments may have special requirements. Be aware of dam release schedule, dangerous river hydraulic, tide flow issues, and similar.

Boating is challenging and inherently dangerous. Follow safe boating practices, be physically fit enough to meet the challenges, prepare for any weather conditions that might be anticipated, and follow the Sea Eagle Boating Safety Basics.

Each Sea Eagle has a safety summary we call Boating Safety Basics printed on it. Please follow these suggestions and use good boating safety practices. In addition to the basics, we suggest you have a reasonable swimming ability and know that it is safer to go boating with a buddy. If you go alone, tell someone your float plan as described below. When possible, plan your trip so you go upwind on the way out and downwind on the way back.

## Boating Safety Tips

- Always wear a USCG approved PFD (life vest) at all times while on the water.
- Be aware of your local boating rules and regulations and abide by them accordingly.
- Check inflation levels each time before you go out and inflate your boat for a full 24 hours before undertaking long trips.
- DO NOT allow children to use your Sea Eagle unsupervised.
- DO NOT consume alcohol while boating or operating a boat while under the influence of alcohol or drugs.
- DO NOT exceed the certified maximum capacities of this boat under any circumstance.
- DO NOT go paddling alone.
- DO NOT use compressors for tires or construction tools. Use only pumps designed for use with inflatable boats and SUPs
- DO NOT use your Sea Eagle Boat as a personal flotation device as they are not rated for that use.
- DO NOT sleep inside of your Sea Eagle while on the water.
- Bring a fully charged cell phone or other emergency contact device in a waterproof bag.
- Always tell someone of your boating plans.

## Safety Equipment & Important Safety Items

**Life Jacket or Personal Flotation Device (PFD):** Life Jacket or PFD of correct size range is required for each passenger. Choose a PFD that is comfortable for you and wear it at all times. Stay hydrated, and take steps to cool off and avoid heat stroke, such as wade or swim in the water. Statistics show that most drowning victims are relatively inexperienced boaters not wearing PFDs.

**Whistle:** Every boat or boat under 16' long must have a whistle or horn. Being heard by a passing boat can save your life, a whistle for each life jacket (PFD) is recommended.

**Drinking Water & Snacks:** Paddle boating is a physical activity that can deplete your reserves. Have enough water and snacks to prevent dehydration and loss of stamina. Bring enough water for all passengers. Know the warning signs of dehydration and heat sickness such as dizziness and shaking.

**Extra Clothes/Layers:** Avoid deadly hypothermia. Water conducts heat faster than air, so go prepared with weather proof clothing especially if the water is cold. Use a "dry bag" to store extra clothing inside so they're not damp when needed. Wear a wetsuit or drysuit when warranted.

**First Aid-Kit:** Contents of the kit may vary depending on your preferences but be sure to include items that match the hazards you are

# SAFETY

likely to encounter. A waterproof container is recommended.

**Manual Pump/Repair Kit:** Although our boats are durable and rugged, it may be possible that you need to make a repair while on the water in which case you'll need the repair kit and a manual pump to re-inflate the boat. See the Troubleshooting Section at the back of this manual for repair instructions.

**Sun/Rain Protection:** A hat can protect both your face and head from the rain or sun. Sunscreen will help prevent serious damage to your skin from the sun and the sun's reflection from the water. Reapply sunscreen as needed.

**Float Plan & Phone:** Similar to a pilot's Flight Plan, consider having a Float Plan ([www.floatplancentral.org](http://www.floatplancentral.org)). Always tell someone where you are going to be boating and what time you plan to return. Keep a cell phone in a waterproof container that will float if it falls in the water, on a lanyard, in a life jacket pocket, or other secure location.

**Right of Way:** Stay out of boat channels whenever possible. Be prepared to yield right of way to larger boats especially if the oncoming boat has structures such as cabins or open hatches that limit visibility of the water ahead.

# CONSTRUCTION

The side chambers of the 385ft and 465ft FastTrack kayaks are constructed of reinforced 1000 denier, PVC coated fabric. Denier refers to the weight of the reinforced fabric. The air chamber material is 0.90 mils thick. The V-profile floor panel is constructed of reinforced drop-stitch PVC. Seams are glued or a combination of welded with glued ends. Seam configuration is "quadruple overlap" which is butt jointed with seam tape inside and out. The recessed air valves are Halkey-Roberts type.

## Valve Bulges and Cut Threads

There is a bulge or "blister" opposite the valve in drop-stitch air chambers. There are cut threads between the sides and floor chambers. These normal features are part of the manufacturing process for valve installation and chamber connection.

## Creases

There may be creases in the material from packing the boats and accessories at the factory. They may appear to be white and show threads, but in most cases do not affect the integrity of the material and they will ease out over time and become unnoticeable.

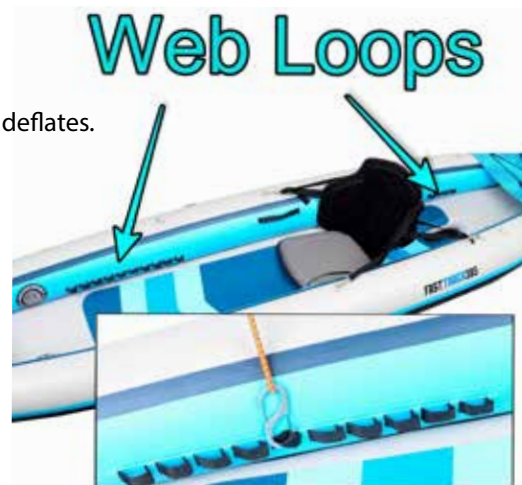
## Ratings, Dimensions, Capacity and Material:

	385ft	465ft
Occupants:	3 Persons	3 Persons
Total Weight Capacity	635 lbs.	800 lbs.
Number of Chambers	3	3
Length	12' 6"	15' 3"
Width	3' 0"	3' 0"
Boat Weight	32 lbs. (Assembled 38 lbs.)	39 lbs. (Assembled 45 lbs.)
Material	PVC	PVC


The FastTrack can be outfitted with an electric motor that mounts to the skeg base or an electric trolling motor with the optional Sea Eagle Kayak Motor Mount for Fast Tracks and Explorers.


## Features

- Chambers: Three chambers that will keep the kayak's shape even if one chamber deflates.
- Side Carry Handles: Enables the kayak to be carried by one person.
- Carry handles at the ends allow for two person portage.
- Floor Drains: Two drains in the floor for draining accumulated water. Drains should be closed while the boat is on the water.
- Removable Skeg: Skeg is needed for good tracking. Remove for compact folding.
- Skeg Base Insert: Helps prevent the base from warping when the boat is folded.
- Web Hold Down Loop Daisy Chain: Web loops near the bow and in front of the rear spray skirt allow gear and seats to be strapped in and for securing a strap footrest.
- Elastic Cord: Secure gear on the spray skirts. Cord is adjustable with included jam cleat.



# CONSTRUCTION

 **WARNING:** Solvents used in materials contained in this product such as methyl ethyl ketone, toluene and acetone are known to cause disease in humans. Off gassing of solvents is most concentrated when the product is new. Open packaging in well ventilated area and avoid transportation in enclosed vehicle with occupants when new.

 **WARNING:** This product can expose you to chemicals including DEHP [Di(2-ethylhexyl)phthalate)], which is known to the state of California to cause Cancer, Birth Defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Compliance

Sea Eagle boats comply with ABYC Standards, US Coast Guard standards for recreational boats and labeling for compliance with California proposition 65.

## OPERATING YOUR SEA EAGLE

**PADDLING:** For the most effective paddling, sit up straight and hold the paddle out in front of you with hands out wide enough that the forearms are perpendicular to the shaft (like a push-up position). Most of the power should come from your torso.

Your arms contribute, but too much reliance on your arms will cause you to tire quickly. For good balance, especially in heavy seas, keep your head up and eyes focused on the horizon.

Start paddling gently and smoothly. As the kayak picks up speed it will maintain a truer heading. If you dig in hard at first you will create more yaw. Course corrections can be made by easing up or bearing down on one side or the other.

Gentle turns can be made by sweeping water behind the boat. Sharp turns can be made by using the paddle as a brake on one side. Braking will allow you to maneuver sharp bends in a stream, for example, but kills forward speed.

**BALANCE:** The FastTrack is a V-shaped boat which is more stable than a flat bottomed inflatable kayak. Take a minute while close to shore to find your balance in the kayak. Hold the paddle out in front of you for balance and keep your eyes on the horizon. Feel the balance of the boat as you begin to gently paddle. If the boat begins to roll back and forth, move your eyes to the horizon while holding the paddle out in front you. This can take practice, and is especially difficult in the heat of the moment. Looking down and side to side will increase the rolling action. Make sure all the items you bring like bags, coolers, water bottles are secured so they won't float away. To avoid capsizing, paddle directly into oncoming boat wake.

**YAW:** Yaw is the side to side motion produced by paddling which causes the boat to zig-zag. To minimize yaw, install the skeg into its base on the bottom of the boat.

### Unassisted Reboarding

If you capsize, stay calm and get a hand on the boat. Place paddle in the boat. Pull boat so that you are on one of the sides. Reach into the boat and grab center carry handle. Lie with your belly laying in the water and legs out straight from the boat. With a big scissor kick, pull your belly up and onto the floor. Turn over and swing legs in.


### Invasive Species Control:


If the boat is to be used in multiple waterways, drain the boat, clean boat and trailer, rinse, and dry between uses. Boat is resistant to steam and cleaning chemicals. Boat can be rinsed with hot water or disinfectant. Bleach diluted in water is effective, but corrosive to metal and can discolor seats and other fabrics. Quaternary ammonium products "quat" are considered to be effective (Clean Quick, Lysol No Rinse Sanitizer).


For detailed information on preventing the spread of invasive plants and animals and specific local requirement, contact the local fish and wildlife authority or visit their website.


# OPERATING YOUR SEA EAGLE


## Avoid Damage

 **CAUTION:** Avoid damaging the boat. Do not drag a Sea Eagle boat over abrasive surfaces such as parking lots and concrete boat ramps. Do not scuff a folded boat on an abrasive surface, protruding folds or creases can be damaged. Carry or wheel your Sea Eagle from your vehicle to the setup point, and then into the water when assembled.

 **CAUTION:** Cart, dolly or trailer wheels rubbing on an inflatable boat can do a lot of damage, be sure boat is clear of wheels.

 **CAUTION:** When using a ratchet strap to secure an inflatable, use a protective pad between the boat and ratchet mechanism to prevent a puncture. Repair kit patch material is ideal for this purpose.


 **CAUTION:** Avoid puncturing boat with screws or other hardware. Follow instructions when screwing hardware into Scotty glue-on pads. Resulting damage is difficult to repair and not covered under manufacturer's warranty.

 **CAUTION:** Do not scuff a folded boat on an abrasive surface, protruding folds or creases can be damaged. Carry or wheel your Sea Eagle from your vehicle to the setup point, and then into the water when assembled.



## Electric Air Pumps

Inflate boat using electric pumps, like Sea Eagle's Mega or Handy pumps, which are intended for use with inflatable boats and SUPs that are constructed of reinforced PVC. Pump should have automatic shut off. The hose must accommodate a "recessed" or Halkey-Roberts-type valve adapter. Typically these adapters are hook-in style, and have a choice of flexible gaskets to prevent air from leaking between the valve and adapter. Bravo pumps require a black or red gasket. Most other manufacturer's adapters come with a choice of milky white gaskets, the thinnest work best with Sea Eagle valves.


 **DANGER:** Chamber failure with explosive force may result if air compressors designed for construction, tire inflation or work shop tool use is used to inflate an inflatable watercraft. Serious bodily injury could result. Only use air pumps designed for inflatable boats and SUPs.



## Working Pressure

In this instruction manual, we use the term "working pressure" to describe inflation pressure in pounds per square inch (PSI). By this we mean, the air pressure needed to make a boat rigid enough for use. The side chambers of the Fast Tracks are marked with an inflation pressure of 3.2 psi. The working pressure is between 3.0 and 3.5 psi, and they can take much more pressure than that. The floor chamber is drop-stitch material with a maximum pressure of 10 psi. The recommended working pressure is 5 to 8 psi.

When using the manual pump, the air pressure can be difficult to read, but the boat structure will keep its shape if underinflated.

 **CAUTION:** Inflating the boat manually is physically demanding. Pace yourself. If you feel uncomfortable, stop and rest, do not proceed if you are having a health issue.



**Remove Valve Cap**

FastTrack has three “recessed” valves; one in each side chamber, one in the floor chamber.

Twist the cap counterclockwise and pull the cap out of the valve body to reveal the valve stem.



**Using Recessed Valve**

Press the stem button down and turn it ¼ turn in either direction so it pops UP when released. When the stem is up, the valve is closed for inflation and will hold air.

To let air escape for deflation, press button and turn stem ¼ turn and release it. It should stay in the downward position.



Some hand pumps have a lever to switch between single and double action mode. The Bravo 4 automatically bypasses double action mode when inflating beyond 6 PSI (Pounds per Square Inch).



**Reading the Gauge**

The inner (red) ring of numbers is in PSI, the outer ring is in Bars (metric). Each red line is one PSI. The photo shows a pressure reading of approximately 3.5 psi. Ten psi is one red line past the red 9.



**Double Action Hand Pump**

Hand pump inflates on up and down strokes when in the double action mode. In single action mode the handle comes up easily. The down stroke is assisted by body weight.

**Note:** If your pump is different than this one, check the instructions page of our website for instructions, or call us for help.

**Tip:** Always have the manual pump available, even if you primarily use an electric pump.



The correct adapter for recessed valves is pre-installed in the hose it is the hook-in style with a red gasket around it. The grooved side of the gasket should face outward.



**Attach Gauge and Hose**

Twist the pressure gauge into the INFLATION side of the T-handle. The word “INFLATION” is in raised letters on the top of the handle. Twist the hose into the gauge to lock it in place.

FastTrack Kayaks | **ASSEMBLY & INFLATION**



Locate an area large enough to unfold the FastTrack avoiding hazards that could damage the kayak or injure you.

**⚠ Caution:** Do not drag or scuff folded kayak on abrasive surface such as asphalt or cement. Damage including holes could be made into the folded fabric.



**Skeg-Insert**

Flip the aft end of boat over to reveal the skag base. Remove skag insert from the skag base. Stow the skag-insert in the seatback pocket or other safe storage space. Skag-insert helps keep the base from warping when the boat is folded.



Slide skag into the base. Skag must go in far enough for locking clip slot to line up with skag clip hole in skag.



**Skeg Clip**

Push skag clip into skag until it clicks into place. If skag will not slide into base, do not force it. Refer to troubleshooting section. Do not use skag in whitewater.



**Inflation**

The chambers can be inflated in any order. Inflate the sides to a working pressure of 3.0 - 3.5 psi. Inflate the floor to 5.0 - 8 psi. The floor can be inflated to up to 10 psi.



Replace caps.



**Tall Back Seat (TBS)**

The seats can be placed for single, tandem or three person paddling. Place seats in the desired positions and clip the straps to the D-rings or web loops.



There are two straps on each side of the seat. The strap that is sewn highest on the seatback goes forward to a D-ring or web loop.



In the rear most seat position, seat clip can be hooked to the web loop on the spray skirt as shown in the photo.



**TIP:** When getting in the kayak, place your weight on the seat pad and try not to knock back the upright backrest pad. Arch your lower back forward and avoid leaning high on the back of the seat. You will feel the seat support your lumbar region.

### Seating Configuration

385ft



465ft



#### Cargo Hold-Down Elastic Cord with Cleat

The cargo hold-down elastic straps at the front and back of the kayak are adjustable.



To adjust, pull on the free end until cord comes out of jamb cleat. Adjust length and pull the cord down into the locked position.



#### Web Loops For Cargo Hold Down

Multiple web loops for attaching seats, footrest and cargo straps are provided on the side chambers.

A strap with buckle, rope or elastic cord will be needed to secure cargo.

Keep heavier gear low in the boat, and keep all gear as low as possible to minimize wind resistance and to avoid making the boat top heavy.



**Kayak Paddle**

The asymmetrical spoon blade design of this kayak paddle will allow for a smooth entry and an even pull, maximizing the power of each stroke. It also requires less gripping force.



The AB40 paddle, top, includes a right blade, a left blade, 2 drip guards and 2 shaft pieces.



The AB50 Pro Carbon Paddle, bottom, includes 2 drip guards and a right and left blades & shafts.



Assembly for both paddles is similar. The 4-part AB40 is shown.

Begin by connecting the two halves of the shaft together by inserting the push pin on the end of one shaft into the end of the other shaft that has the *three feathering holes*.



Drip Guard

Next, slide the drip guard up the shaft to about an inch above the button hole. Insert the blade into the shaft and adjust until the button locks the blade in place. Repeat for the other side.

For some paddles, the blade fits in one end of the shaft only. If the hole in the shaft does not engage the blade button (the blade doesn't fit), remove it and insert the other blade.



**TIP:** One shaft section has holes for feathering. By feathering the paddle, the blades are offset from each other so that when one blade is in the water, the other is at an angle to slice through the wind with little resistance.



**Water Drains**

Two floor drains are located under the rear seating position. Unscrew drain caps when draining is needed. Drains are designed to empty accumulated water from kayak. Water filled kayak can be too heavy to lift when excess water accumulates after a rain storm or from other causes. Open to drain the boat when rinsing and washing it. Drains should not be open while on the water.



When draining water, the caps may block the water-flow. If needed, remove caps from their retainer ring. Reattach to the rings after draining or put caps in seatback pocket for safekeeping.

Water can also be drained from the boat by turning the boat over and lifting up the ends one at a time to allow water to run out.



Remove seat and skeg. Drain any accumulated water. Unfold the boat bag and place it under the front of the boat as shown below. Slide the Skeg Insert into the skeg base. Secure it with the clip.

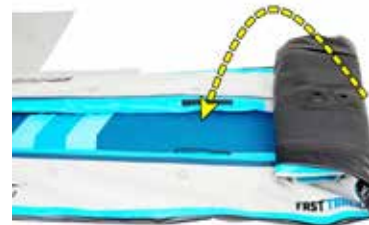


Make a crease in the center of the fold you just made and fold the tip back.



To deflate, push down on the valve stem and quarter turn it to the right or left. The stem will stay in the down position, allowing the air to escape.

**Warning:** Air escapes with force, do not place face directly over valve.



Continue folding the boat toward the bow. Stop folding towards the bow when the bag flap is reached.



Place bag so that the end of the boat aligns with the edge of the bag as shown.



Fold the bow end cap rearward. Then make a crease in the spray skirt and fold the bow toward the valves.



Begin folding at the back end (stern) of the boat. Make a crease at the skeg base and fold toward the bow (front) of the boat.



Finish by folding the back section onto the bow section.

## FastTrack Kayaks | DEFLATION



Center the boat on the bag. Bring side flaps on top of folded boat. Secure straps by running the strap through both rings, then run the strap over the first ring and through the second ring. Pull it tight. Repeat for the other straps. Folded dimensions are approximately 36x16x11" when folded in this way. Weight is 34lbs in the bag.



### Approximate Folded Dimensions

FastTrack 385ft:  
36" x 16" x 11"  
FastTrack 465ft:  
36" x 20" x 12"  
when folded in this way.

## FastTrack Kayaks | CLEANING & PROTECTING

Dry after each use to avoid mold. **While washing or rinsing: close the valve and twist the cap on so water cannot not enter the chamber.** Sea Eagles can be cleaned very effectively with general purpose cleaning products and a scrub brush. Towel dry.

### Protection from the Sun and Heat

Avoid leaving the boat in direct sunlight when ashore. Temperatures on a beach, dock, davit, etc. can get very high, which could affect the vinyl or glue. Excessive exposure to sun and heat can cause your Sea Eagle to become sticky or cause the glue to fail.

Treat the boat with a UV protectant such as 303 Aerospace Protectant. Generally, protectants are a thin film of oil, which will help keep your Sea Eagle clean. Avoid applying protectant on the EVA pad or places where foot traction is needed. Treated boat will repel sand, water scum and tar stains.

## FastTrack Kayaks | STORAGE

If you're planning to leave your Sea Eagle outside, keep it raised off the ground and covered so it is not exposed to sunlight, rain, leaves, berries, bird droppings, etc.

**Storage Tips:** "The best way to store a Sea Eagle is folded up in it's bag". - Cecil Hoge, Jr., Sea Eagle President

- Check for water in the chambers. Water will leak out of open valves when it is rolled up.
- Water left inside can leak out and cause a lot of mold. Dry thoroughly to prevent mold.
- Rodent-proof the storage area. Mice, squirrels and other small rodents can do a lot of damage.
- Avoid excess heat. Do not store in direct sunlight, in an attic or a metal shed.
- In temperatures below freezing, do not drop, strike or unroll until it is brought to room temperature.
- It can be stored inflated. If hung, support it along its length.
- After storage, inspect for loose items, damage and leaks.

## FastTrack Kayaks | TROUBLE SHOOTING

### Skeg Base

If the skeg base is bent from storage or use, heat it up with a hair dryer and bend it back into shape. It will hold it's shape after it cools. If not folded properly, the base can get warped in storage. Never hammer the skeg into a warped base as it will break the base



### Troubleshoot Valve Adapter

Adapter will not turn in valve opening. Remove red gasket and twist it tightly to stretch it. Once broken in, adapter will turn easily.



Reinstall gasket, groove must be facing outward. Press adapter into valve opening with force and turn it to the right.

If valve opens and air rushes out when removing adapter, pull on hose then twist adapter to left.



**Tighten Valve**  
Insert valve tool into valve opening. The valve has a base inside. Tightening is best done when boat is inflated which keeps base from spinning. If chamber will not hold air, stand with feet on either side of valve to hold base.



Press on center of valve tool with free hand to keep from breaking the teeth off the tool. If loosening a very tight valve, an extension tube might be needed.

If your Sea Eagle has lost pressure, it does not necessarily mean it is leaking. If it is inflated during the heat of the day and the temperature drops during the night it will be softer in the morning. If launching in very cold water, the air inside may contract and cause a loss of pressure. Add more air to restore to full pressure. If temperature is not a factor and your boat is losing air pressure, it's time to look for a leak.

**Step #1. LOOK**

Visually inspect the boat close up and if necessary, flip it over and closely check the outside. Any large leaks when your boat loses a considerable amount of air should be clearly visible.

**Step #2. LISTEN**

If you have a rough idea of where your leak is but can't see it, you may want to try listening for it as you may be able to hear the air escaping and pinpoint the leak.

**Step #3. TIGHTEN**

Check the tightness of the one-way recessed valves as well and if necessary, tighten them with the valve wrench included in the repair kit canister.

**Step #4. SOAPY WATER TEST**

You'll need a bucket and liquid dish washing soap. Fill the bucket with clear water, and add a good squirt of soap (couple of tablespoons) to the water. Inflate the leaking chamber to full pressure. Spread lots of soapy water on the leaking chamber with a hand towel or large sponge. Don't assume the leak is coming from the valve or seams. The leak may produce bubbles, make hissing or sputtering noises, or spray water. Spray bottles are not effective at locating many leaks.



FastTrack Kayaks | REPAIRS

Even though Sea Eagles are very rugged and tough, you may still experience the occasional puncture. Fortunately most repairs are fairly easy and only take a few minutes. For extensive repairs, please contact us directly to provide you with further assistance. The best way to do this is to e-mail us a digital photo of the area in question along with your hull identification number to [staff@seaeagle.com](mailto:staff@seaeagle.com).

You can also call us directly at **1-800-748-8066 ex. 314** and ask to speak with Technical Support for further assistance or a quote for having your boat mailed to our facilities for our professional repair services.

Sea Eagle repair fees start at \$75.00 and does not include return shipping charges. Please note that Sea Eagle does not service any other brand other than our own. All items sent to our repair facilities must have prior authorization in the form of a Return Authorization Number.



**Repair Kit**

All Sea Eagles come standard with a repair kit which includes PVC patches and PVC glue. Repair kits also include a valve tool.



**PVC Based Glue**

To patch your Sea Eagle, use an adhesive for PVC boats. Plumber's cement, epoxy, Flex Seal, waterproofing sprays and Gorilla Glue do not work.



Trace the outline of a penny on the patch material and on the boat. If a larger patch is needed, use a larger item as a template.



**Pinholes**

Deflate the boat and thoroughly clean and dry the area that is to be repaired. For small punctures leaks like fish spine punctures, apply a small drop of glue and leave overnight to cure.

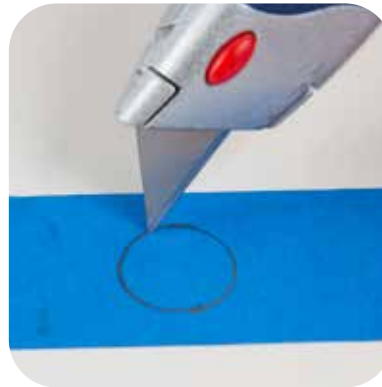
Airstop 8880 (not sold by Sea Eagle) is a very good glue for pinhole leaks.



Cut patch along the outline with scissors.



For immediate use allow 30 minutes to dry and then inflate the compartment only 3/4 full and if necessary make a more permanent repair later.



Pro Tip: Trace the outline of the penny on masking tape and cut with a utility knife. Apply tape to the boat instead of tracing on the boat.



**Patching**

The most common repairs are a puncture or small cut. A penny size patch is sufficient for repairs of this type.



Apply glue to the patch and boat. Allow to dry 15 minutes. Glue must be dry to the touch. If glue layer is thin, apply second coat, allow to dry 15 minutes.



Apply patch to the boat. Smooth with finger or a smoothing tool such as a spoon, handle of a utility knife, or screwdriver. For best results, heat patch with a hair dryer 10-20 seconds and smooth with tool.

### Patching Tips:

- The chamber must be deflated or the air will force a path through the glue.
- Keep the patch size to a minimum, the bigger the patch, the harder it is to seal. The most common repair failures occur because the patch is too big.
- For repairs larger than a puncture, overlap the damage area by about ½" on each side.
- Do not apply the patch while the glue is wet.
- Covering a leaking patch with another patch rarely fixes the problem. To remove a patch, heat it with a hair dryer and peel it off.
- For field repairs, allow at least an hour to cure. Other repairs, allow to cure overnight.
- Patches can be removed by heating with a hairdryer.
- **Never** use a heat gun on your boat.
- Clamps and weights are not needed.

For a demonstration of good patching technique, please view the **How to Repair** video on the instruction page of our web site. There is a link at the bottom of every page at SeaEagle.com or type "instructions" into the search box.



**Bixpy®K-1 Motor (OPTIONAL)**

Add some zoom to your paddle! 33 lb. thrust electric motor attaches to skeg base. Includes motor, lithium-ion battery, wristband remote control, magnetic kill switch, and wall charger.



**Personal Flotation Devices (OPTIONAL)**

U.S.C.G. approved. Life jackets available in various sizes.



**Footrest (OPTIONAL)**

Foam footrest is secured with a strap to the web loops which allows for a lot of variation in placement.



**Sea Eagle Mega Pump**

Sea Eagle Mega Pump with internal battery is recommended. Use hook-in style adapter with thinnest gasket. Hold power button until display lights up. Set pressure to not more than psi. Press power button to start. Pump turns off automatically.



**EZ Cart Small (OPTIONAL)**

Transport your kayak from your car to the water and back with ease. Quickly assembles & disassembles.



**303 Protectant (OPTIONAL)**

Extends the life of your Sea Eagle. Simply spray on every 30-45 days to improve resistance to UV, chemical & other types of harmful exposure.

**Contact Us**

Unlike many other companies today we pride ourselves on answering the phone and helping you with any concerns, questions or special ordering needs that you may have!

Feel free to give us a call at **1-800-748-8066** and we will be happy to talk with you! Our business hours are Monday to Friday from 9AM to 5PM, EST.