

SEA EAGLE.com®



Sport Kayaks

SE330 & SE370

Instructions & Owner's Manual

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.

Manufacture's Certifications

Our kayaks comply with *ISO 6185* standard established by the International Organization for Standardization.

NMMA (for USA only) certification means that the kayak, sold in the United States, has been judged by the National Marine Manufacturer's Association to be in compliance with the U.S. Coast Guard Regulations and American Boat and Yacht Council (ABYC) standards and recommended practices.

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.

See complete warranty details at SeaEagle.com/Warranty.

If you receive a damaged item, please call the shipping carrier to report the issue. Do not return damaged merchandise until it has been inspected by the carrier. Sea Eagle will be notified by the carrier when they have completed their inspection and if necessary, Sea Eagle will arrange for the repair or replacement of damaged merchandise.

Decals, Stickers & Registration

Contact your state kayaking authorities for information on kayaking registration and regulations.

Most states require you to register your boat if you are using a motor. (Please note, Sea Eagle Sport Kayaks are **not rated** for use with a motor.)

Upon registration it may be required to provide the Manufacturer's Statement of Origin. Purchases made through an authorized dealer or reseller may require for you to contact them directly in order to obtain this. You may be charged your own state sales tax if you were not charged sales tax at the time of purchase.

Registered boats generally require for the registration number to be applied to the boat. We do not recommend the use of decals or stickers as they tend to crack and peel over time with the repeated inflation and deflation of your Sea Eagle. Instead we suggest applying these numbers to a small piece of hard plastic or marine plywood and hanging it from your boat like a license plate if permitted by your state. Another method is to apply the numbers to the hull using either PVC based paint or permanent marker.

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

In a manual of this type, it is impossible to give adequate space to the topic of water safety. For further information on kayaking safety, visit USCGKayaking.org or enroll in a water safety course by a local provider.

It is your responsibility to be aware of and comply with all relevant safety regulations. For all water recreation or sport, you should have reasonable swimming abilities. It is strongly advised that you should never go kayaking alone.

General Kayaking Safety Tips

- Always wear a USCG approved PFD (life vest) at all times while on the water.
- Be aware of your local kayaking rules and regulations and abide by them accordingly.
- Check inflation levels each time before you go out and inflate your kayak for a full 24 hours before undertaking long trips.
- DO NOT allow children to use your Sea Eagle unsupervised.
- DO NOT consume alcohol while kayaking or operating a kayak while under the influence of alcohol or drugs.
- DO NOT drag your Sea Eagle over rocks or gravel if it can be avoided.
- DO NOT exceed the certified maximum capacities of this kayak under any circumstance.
- DO NOT go kayaking alone.
- DO NOT use compressors, CO₂ or compressed air for inflation, only use Sea Eagle recommended pumps.
- 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 cell phone or other emergency contact device in a waterproof bag.
- Always tell someone of your kayaking plans.

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.

Safety Equipment & Important Safety Items

Water conditions will determine the type of safety equipment needed. At a minimum have a PFD (personal flotation device) and a whistle for each passenger. PFDs are required by law in most places.

Drinking Water & Snacks: Kayaking is a physical activity that can deplete your reserves. Have enough water and snacks for all passengers to prevent dehydration and loss of stamina. 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 likely to encounter. A waterproof container is recommended.

Manual Pump/Repair Kit: Although our kayaks are both 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 kayak. You should be familiar with the repair/patching instructions before setting out on the water. It is a good idea to bring the instruction manual with you.

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.

Whistle: Having a whistle readily available to you in case of emergency is a great way to attract the attention of others if assistance is needed.

Float Plan: Similar to a pilot's Flight Plan, consider having a Float Plan (www.floatplancentral.org). Always tell someone where you are going to be kayaking and what time you plan to return. Keep a cell phone in a waterproof container that will float if it falls in the water.

OPERATING YOUR SEA EAGLE

Lake & Stream Paddling

- Keep drain valve closed tightly and properly to keep water out of the kayak
- Start off slowly
- Hold your paddle out in front of you with your arms as straight as possible
- Keep your eyes up and focused on the horizon
- Build up speed to maintain a true heading

Note: If you dig in too hard at first, the kayak will tend to yaw (move side to side) in the water. When you're paddling with a partner (tandem), try to coordinate your strokes so that you're both paddling in unison.

With practice, you will learn to comfortably paddle straight and reasonably fast.

Ocean & Sea Kayaking

If you are not familiar with the ocean, take appropriate care when kayaking in the ocean or sea.

- Stay within range of an active lifeguard station
- NEVER go into ocean waves that are rougher than you can handle
- DO NOT lose sight of oncoming waves
- DO NOT exhaust yourself

It is always better to end the day early and safe than to push your luck when you're tired.

Whitewater Rapids

Kayaking in whitewater can be a very challenging and rewarding experience. It can also be very dangerous for those who do not respect the power of fast moving water.

- Be certain you are a strong swimmer
- Enroll in a water safety course provided by your local Auxiliary Coast Guard or Power Squadron
- Learn as much about the river as possible before going down it!
- Be prepared to deal with changing conditions or dangers that may arise.
- Keep the drain valve open to allow water to escape.
Wear a helmet and gloves and have rescue ropes.

Note: There are 6 classes of whitewater difficulty ranging from Class I (easy) to Class VI (extremely dangerous). Sea Eagle Sport Kayaks are rated for use in up to Class III (intermediate). Class III rapids should not be attempted by beginners as conditions become dangerous.

A great source of background for the topic of whitewater as well as various paddling techniques is Cecil Kuhne's *Inflatable Kayaking* (ISBN 0-8117-2810-2).

Sailing

Turn your Sea Eagle into a sailing vessel with the Sea Eagle QuikSail (sold separately) that takes less than a minute to set up.

- Kayak sailing enhances your paddling experience and is great for touring.
- Paddle upwind then sail downwind.
- The QuikSail can be used as a hand-held sail with the handles located on each side.
- Adjust the position of the sail with your feet and use your paddle to guide and steer your kayak.

INFLATION & SETUP: Valves & Pumps



Roll out kayak on a hazard free, flat surface. Remove the White Valves from the plastic bag.



The wide ended adapter and screw end adapter work on every valve on the kayak and seats. One or the other can be used.



White Valves

Five valves for the chambers on the kayak and 2 for each seat.



Insert the larger end of the wide adapter or the smaller end of the screw adapter into the hose. Twist to lock in place.

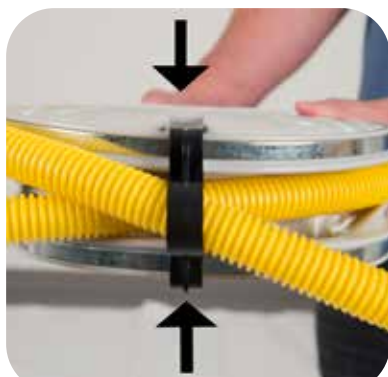


Stretch the retainer ring over the valve base then screw the valve into the base tightly. Unscrew the outer cap to reveal the inflation port.

***Tip:** Stretch the retainer ring with fingers before sliding the bases. If necessary, heat the retainer ring with a hair dryer for 15 seconds to make it more malleable.



Insert the hose into the "INFLATE" port of the foot pump.



Foot Pump

Unravel the hose and press the top & bottom of the pump to release the black clip.



MB-80 Electric Pump (OPTIONAL)

This electric pump works using the 12V power outlet in a car or with the optional Minn Kota Power Center.

INFLATION: Inflation & Set-Up



First, make sure the pump is switched **OFF** before inserting the power adapter into car's power outlet.



Locate the 3 main valves at the stern (back). Labeled in the photo is the floor chamber (#1), and the two side chambers (#2 and 3). Use the plastic inflation monitor to ensure proper inflation.



Insert the air outlet directly into the valve.

Note the valve adapters and black tube that come with the MB-80 are not necessary for Sea Eagle Boats.



Floor Inflation

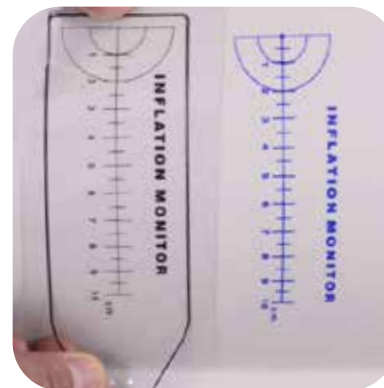
Insert hose with adapter into the floor valve. Pump until resistance is felt and the floor is firm. Inflate the side chambers. Use the plastic inflation monitor to ensure proper inflation. See next page for screw on adapter instructions.



Battery Connector (OPTIONAL)

Powers the MB-80 by connecting it directly to a 12V car or marine battery.

WARNING: When using the battery connector, attach the **red** clip to the **positive** terminal and the **black** clip to the **negative** terminal. Cross connecting wires could damage both the pump and kayak.



Side Inflation

Printed in blue, on the inside of the side chambers is a scale (1-10). Inflate until the black lines of the Inflation Monitor match the blue lines on the kayak.

Note: Check blue repair kit for Inflation Monitor.



Warning:

Air compressors that are designed for other uses, like tire inflation can easily harm inflatables which work at a much lower pressure of 1 PSI. For this reason, we recommend only using Sea Eagle pumps.



The lines may not perfectly match but should be close.



If the Inflation Monitor is lost, a ruler can be used (10cm or 4”).



Seat Placement
If paddling solo, position the seat just aft of the kayak’s mid-point.



If paddling tandem, position the rear seat as far back as possible and the front seat slightly forward of the mid-point.



Spray Skirts can be inflated with just a few pumps from the foot pump. When using the screw on adapter, place adapter over threaded valve and twist to the right to tighten. Twist to the left to remove.



AB30 Kayak Paddle
This four-part paddle comes with right and left blades, two shafts and two drip guards.



Deluxe Inflatable Seats
Attach valves as shown for the kayak. Inflate the seats so that they are comfortably firm. Tighten valves very firmly to avoid deflation.



Insert the shaft piece with the button into the piece with the three holes. Lock the button into the middle hole.



SEC Inflatable Seats
Attach valves as shown for the kayak. Inflate the seats so that they are comfortably firm. Tighten valves very firmly to avoid deflation.



Slide drip guards onto the end of the shafts, nearest the blades. Attach blades to the shafts by pressing the button down and inserting the blade until the button pops up.



The additional holes in the shaft are for “feathering” the blades. Blades can be offset from each other to make paddling into a stiff breeze easier as the blade that is not in the water will be able to slice through the wind with little resistance.



Fold starting from the bow (front). Ensure compact storage by folding tightly from the start. At the end, tuck the bow into the hull and place the skeg protectors over the skegs.



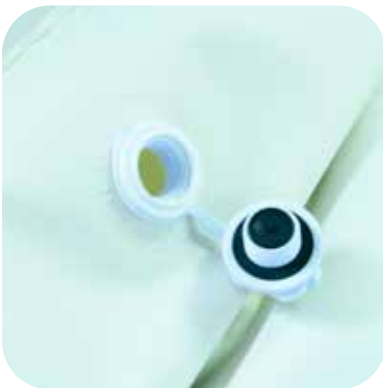
Water Drain

A self-bailing drain at the back of the kayak allows water to escape when left open in rapids or surf. When paddling in calm waters, keep the drain closed.



Once folded, simply slide the kayak into the Carry Bag. Disassemble the paddles deflate & fold seats and slide into the bag with the foot pump and repair kit.

DEFLATION: Deflating, Folding & Storage



Unscrew all of the valves from the bases. Most of the air will immediately release. Excess air will be pushed out as the kayak is folded.



Allow a minute or so for the air to escape. Fold one side chamber over the floor. Fold the other side over the first side.

Storage

PVC can become brittle in cold temperatures, be sure to store in an area where sudden impacts are not possible to avoid damage.

If leaving the Sea Eagle outside during paddling season, be sure to keep it raised up off of the ground. It's also a good idea to keep it covered so that it is not directly exposed to berries, leaves, rain, sunlight and other elements.

Sea Eagles that are left in water will most likely have to be emptied from time to time.

Make sure that the kayak and accessories are dry before storing to remove moisture that could cause mildew.

Choose a cool, dry spot when storing in an enclosed area like basement, closet or garage.

Rodent proof the storage area. Mice can do a lot of damage. Use a container with a tight lid, such as a clean garbage can or large plastic bin if storing outside or in a shed is the only option.

Avoid excessive heat when storing. Do not store kayak in an attic or metal shed.

Troubleshooting: Air Leaks

If your kayak is losing air it doesn't necessarily mean that it has a hole. For instance a kayak that is inflated late in the day with 90° air may cool 20° overnight.

The cooler air will exert less pressure on the hull and the kayak will appear softer the next morning. When there has been no variation in temperature and your kayak is losing air then it is time to start looking for the leak.

Visual Inspection

The first thing you should do when looking for a leak is to actually look at the kayak. Visually inspect the kayak from a few feet away and if necessary, flip it over and closely check the outside. Any large leaks should be clearly visible.

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.

Crossed Threads

Make sure that both the inner valve and the outer cap are firmly screwed together. If threads are crossed on either part, a slow leak could result. A good way to avoid this is to first turn the outer cap back 1/4 turn.



Denting

Check the O-Ring base for dents. Denting can occur when the valve body lies across the O-Ring during storage. Heat the O-Ring with a hairdryer for about a minute or so until the dent eases itself out.



Diaphragm

Check the black diaphragm at the bottom of the inner valve for grains of sand and other debris. Also check the threads on the inner valve, kayak hull and outer cap for any dirt or sand which might break the seal.



Soapy Water Test

Inflate the kayak to full pressure. Mix a couple of tablespoons of dish washing liquid in a bucket of water.

Spread the soapy water on the leaking chamber with a large sponge or hand

towel. The leak may produce bubbles or make whistling or sputtering noises. Often, spray bottles don't work.

Troubleshooting: Bad Tracking

The most common cause of bad tracking is a bent skeg which can cause the kayak to pull to one side. Skegs can bend when the kayak is folded too tightly.



Skeg Straightening

If for any reason the skeg(s) becomes bent, there is an easy solution to straightening it.



Using a hair dryer, warm the skeg until the curve becomes soft & pliable. This should only take about 2-3 minutes on a normal setting. Once the skeg(s) is soft, you can straighten it with your hands.



Patching

Leaks that are larger than a pinhole can be patched. Most patches can be done in a few minutes, but we do offer a repair service for more complex jobs.

Note: A small paint brush (not included) can come in handy for spreading glue.

Repairs

Even though your Sea Eagle is very rugged and tough, you may still experience the occasional puncture. Fortunately most repairs are fairly easy and only take a few minutes.

For an extensive repair please contact us directly for assistance or a quote to have it sent back and repaired at our facility. Repair fees start at \$75.00 and do not include return shipping charges.



Make sure to thoroughly clean the area surrounding the leak of any dirt or grime. After the area is clean and dry circle the area to make locating the leak easier throughout the repair process.



Repair Kit

All Sea Eagles come standard with a repair kit that includes patching material and tubes of PVC glue.



Pinholes

Deflate the kayak and thoroughly clean and dry the area that is to be repaired. For small punctures, less than 1/8", apply a small drop of glue and allow 12 hours to dry.



Using a pencil or ballpoint pen, trace the outline of the patch which should be large enough to overlap the damaged area by approximately 1/2". Angle the pen inward a bit so that the ink will be covered by the patch later.



Apply adhesive to the one side of the patch and around the area to be repaired. Coat the affected area lightly but completely with glue.

Repairs



Place the patch on the damaged area and press down firmly. Let the glue sit for 2-4 minutes until it appears tacky. If glue does not hold, heat patch with a hair dryer for about a minute and re-seat the patch.



Use a hair dryer on the high setting to activate the adhesive and then press firmly on the patch until it cools.

Note: **NEVER** use a hair dryer on an inflated kayak.



DO NOT USE GLUE ON ACCESSORIES

Sport Kayaks are manufactured with a type of (stretchable) PVC material that cannot accommodate the use or application of gluing on D-Rings, Scotty™ Glue On Mounts or other glue on accessories that can cause stress and damage your kayak.

Field Repairs

Sometimes a repair is needed while a boat is in use and tool options are limited.

For a successful repair:

- Follow permanent patching instructions above.
- Work in the shade if possible.
- Dry the surface to be patched as much as possible. The glue will cure even if the surfaces are wet.
- You must wait for the glue to become dry and tacky. **Drying takes approximately 10 minutes.** If the glue can be moved with a fingernail, it is not dry enough.
- Place patch on the boat. Smooth the patch with a fingernail or tool.
- **Wait for glue to cure at least 45 minutes,** longer if possible. Inflate the boat to about $\frac{3}{4}$ pressure and restart your journey.
- Adding a weight can help hold the patch down.
- Check the repair after a full 24 hours at full pressure. If there is any leakage heat the patch with a hairdryer for 15 seconds and smooth it down with a tool like a screwdriver handle or box end wrench, etc.

Accessories (OPTIONAL)



We offer a wide variety of accessories to use with your Sea Eagle Sport Kayak.



Personal Flotation Devices (OPTIONAL)
U.S.C.G. approved. Life jackets, paddling vest, PFD Belts available in various sizes.



QuikSail (OPTIONAL)
Converts any kayak into a sailing vessel. Easily deploys in under one minute, breaks down to just 43" for convenient storage in the bow or stern and sails up to 45 degrees left or right. Comes complete with separate instruction manual.

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3M Marine Cleaner & Restorer (OPTIONAL)
Cleans, shines, conditions and protects vinyl, rubber and plastic surfaces. Deep cleans dirt & grime, enhances appearance. Restores natural sheen. Fresh lemon scent.



EZ Cart Small (OPTIONAL)
Transport your kayak from your car to the water and back with ease. Quickly assembles & disassembles.