

SEA EAGLE.com[®]



Sea Eagle Motormount Boat

Sea Eagle 9 (SE-9)

Instruction & Owner's Manual

For video instructions visit SeaEagle.com/Instructions or scan the QR code below!

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

August 2015



Congratulations on purchasing a Sea Eagle!

With over 45 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 any manufacturing defect that begins the date that your product is delivered. Sea Eagle will refuse delivery on all packages without a valid return authorization number and will not be responsible for the shipping or handling charges. To obtain a return authorization number, please contact Sea Eagle directly unless you purchased from an authorized dealer/reseller in which case you should contact them for more information.

Sea Eagle must inspect equipment in order to determine if there is a defect. In the event that an item must be shipped back to us for inspection, Sea Eagle will only reimburse the standard return shipping charge through FedEx, UPS or the U.S. Post Office at published shipping rates. Retail shipping outlets like The UPS Store will not be reimbursed and you will be responsible for handling and packing charges.

The Sea Eagle warranty does not apply to products that are manufactured by Minn Kota or Torqeedo. These products are covered by their own, respective warranties. Please refer to the manufacturer's warranty of each product for details.

If you received an item damaged, please call the shipping carrier to report damaged merchandise. 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

Always contact your state boating authorities for information on boating registration and regulations. Most states require you to register your boat if you are using 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 9-5 (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 boating safety, visit USCGBoating.org or enroll in one of the excellent water safety courses provided.

It is your responsibility to be aware of and comply with all relevant safety regulations. For all water recreation or sport you should have a reasonable swimming ability. Just as swimmers have a cardinal rule about not swimming alone, it is strongly advised that you should never go boating alone. As a safety reminder, each Sea Eagle hull has a list of suggestions printed on it for you to follow that we call Boating Safety Basics.

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 Sea Eagle unsupervised.
- DO NOT consume alcohol while boating or operating a boat while under the influence of alcohol or drugs.
- DO NOT smoke inside of your Sea Eagle
- DO NOT drag your Sea Eagle over rocks or gravel if it can be avoided.
- DO NOT exceed the certified maximum capacities of this boat under any circumstance.
- DO NOT go boating alone. Always tell someone where you are going to be boating and what time you plan to return.
- 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 designed for leisure/recreation in mind.
- DO NOT sleep inside of your Sea Eagle while on the water.

Safety Equipment

The type of water conditions you are on should determine the type of safety equipment that you should have on board. For all types of boating we strongly recommend that every passenger wear a USCG approved PFD (personal flotation device) like a life vest. In most places this is a requirement by law, but from our point of view it is also an exercise of good judgment to have a PFD for all passengers

Important Safety Items

Drinking Water & Snacks: Bring a good amount of drinking water for all passengers to prevent dehydration, especially on warm and hot days.

First Aid-Kit: Be sure to carry a kit that reflects the possible dangers for the conditions you are in.

Manual Pump/Repair Kit: Although our boats 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 boat. If this is your first repair, you may also want to bring this instruction manual with you.

Sun/Rain Protection: A hat can protect both your face and head from the rain or sun. You may also want to carry sunscreen with you as both the sun and the sun's reflection from the water can do serious damage to your skin. If you are out for prolonged periods of time you may need to reapply sunscreen as needed. It is also a good idea to store extra clothes and layers in a dry bag so that they're not damp in case of an emergency or if weather conditions change at a moments notice.

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 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.

OPERATING YOUR SEA EAGLE

There are a few basic things you should consider before venturing out in your Sea Eagle 9 (SE-9).

CAMPING & FISHING

Often the best fishing spots are the ones that are the most difficult to reach and won't have a ramp or roadway leading down to the water. This makes the SE-9 ideal for both camping and fishing as it's lightweight, making it easy to carry and able to be launched from just about anywhere.

MOTORING

Unlike many boats, the SE-9 works great with small electric and gas motors as there is less drag so it motors smooth across the water. If your SE-9 is equipped with a motor mount, you can use an electric motor (minimum 30" shaft, up to 74 lbs. thrust) or gas motor (15" short shaft, 2HP/35 lbs MAX).

Under no circumstance should you equip the boat with a motor that exceeds any of these capacities.

Not only can this damage your Sea Eagle, it also puts you and others in danger.

Exceeding the boat capacities in any way will void your Sea Eagle Manufacture's Warranty.

Gas Motors: Measured in units of horsepower (HP) gas motors are generally built with power, range and speed in mind. The SE-9 can be equipped with a gas engine up to 2HP, weighing no more than 35 lbs. The shaft length of the motor should be 15" and is generally considered to be a "short shaft".

Electric Motors: Electric motors are measured in units of thrust and are slower and quieter on the water than gas motors, making them ideal for fishing. There is no direct correlation of thrust to horsepower although most consider traditional electric motors to be about a 1HP (which is more of a guess than an approximation).

Electric motors are generally lighter in weight and easier to maintain than gas motors. You can use anything from 30 lbs of thrust to the maximum of 74 lbs. of thrust and the shaft length can be anywhere from 26" to 42". In order to operate an electric motor you will need a 12V deep cycle marine battery, a battery charger and a battery power center to house the battery is recommended as you should never directly connect the motor to the battery.

Minn Kota & WaterSnake products sold by Sea Eagle come with a warranty direct from the manufacture.

All warranty work is handled directly by the respective manufacturer and all sales of these products are final.

It is strongly advised that you read all printed materials provided by the manufacturer.

ROWING

You may be surprised at how easy it is to row your Sea Eagle. When rowing your SE-9, use the inflatable seat in the bow of the boat, this will give you a lower rowing position and the bow of the boat will provide you with back support. Place the oars through the blue carry handles on the sides of the boat which double as oarlocks. Be sure to check over your shoulder frequently to avoid any obstacles or obstructions and be aware of the conditions you are rowing in.

Stay alert to any obstacles and dangers that you might encounter (i.e. buoys, docks, moored boats, motor boats, sail boats, waves, weather, lightning, rain, etc). Give right of way to both motor boats and sailboats. If you are new to rowing, we suggest that you practice rowing near the shore before venturing out further into open waters.





One-Way Air Valve
Locate the five white valves that come in a bag packed with the boat. This bag also contains the Inflation Monitor which will be needed later.



Select the short round adapter which is tethered to the end of the hose. Push the end with the ears into the hose and twist to lock.



Lay out the boat and place the retainer rings over the valve bases. Stretch the rings if they are too tight to fit over the base.



Included with the valves and repair kit is a clear plastic "Inflation Monitor". This 10cm scale is used to determine when the boat has sufficient air. Chambers 1 and 3 have the scale printed on them for comparison with the Inflation Monitor.



Screw the valves into the bases. Be sure to tighten firmly for a good seal. Repeat valve installation for the floor and optional inflatable seats. For floor and seats, adjust the bladder so the valves are centered in their openings.



Floor Drains
Two drains with threaded caps are located under the inflatable floor. They can be used to drain the boat if it becomes filled with rainwater. Tighten them before inflating floor.



Foot Pump
Unclip the pump by pressing the halves together. Connect the hose to the port marked INFLATE.



Air compressors that are designed for other uses like tire inflation (usually around 50 PSI) can easily harm your Sea Eagle which has a much lower working pressure. It's for this reason we recommend only using Sea Eagle electric pumps.

MB-80 Electric Pump (OPTIONAL)

The MB-80 electric pump inflates the SE-9 in a matter of minutes. This electric pump works using the 12V power outlet in your car or with the optional, Minn Kota Power Center accessory.



Assembly

Lay the boat out on a flat area free of hazards. If the package you purchased includes only seats and no motor mount, follow only the steps below that apply.



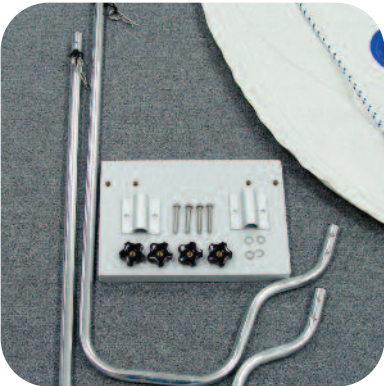
First, check that the pump is switched OFF before inserting the power adapter into your car's power outlet. **_STOP**



If not installed already, insert the inflatable floor with the valve facing up and the edges tucked under the sides.



Directly insert the pump (nozzle) into the valve fill port. Please note the valve adapters and black tube that come with the MB-80 are not necessary for Sea Eagle Boats.



Motor Mount Set (OPTIONAL)

If you have the motor mount set, layout the items as shown here. This set consists of two rods with retainer pins, motor mount block and mounting hardware.

Battery Connector (OPTIONAL)

You can also power your MB-80 using the optional battery connector which will allow you to use the pump while connected directly to a 12V car or marine battery.



Insert the motor mount bar through the grommets on top of the boat and through the grommet on the bottom. Secure the bottom with the buttons. Repeat with the other rod.

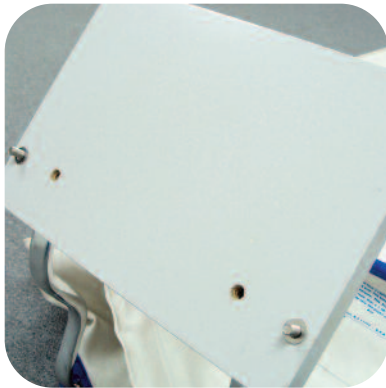
WARNING: Always connect the red clip to the positive pole and the black clip to the negative pole. Cross connecting wires could damage both the pump and boat.



Place the brackets on the rods and adjust them so they are more or less flat to each other. Pro Tip: If you are having difficulty with this step, turn the bracket to one side, slip it on and turn it back.



Insert the pins in both bars in their holes at the end of the bars. Use the cord to attach the pins to the bar for storage.



Attach the wooden motor mount block to the brackets using the hardware provided. Put the bolts through bracket, then through the block, put the washers on the end of the bolt.



Inflate chamber #1. Insert the hose with the adapter into the valve.



Thread the threaded knobs over the washers. Do not tighten the knobs until all the bolts are through the block.



Use the Inflation Monitor to check the inflation progress. When done, the blue Inflation Monitor printed on the boat should match the black scale on the plastic Inflation Monitor.



The heads of the bolts should be aligned in the channel on the bracket. The channel is to keep the head of the bolt from turning.



When done chamber #1 should look like this. This is the backup chamber in the event that the main chamber develops a leak.



Inflate (the small) chamber, chamber #2 until it is firm. Inflate-chamber #3 while monitoring progress with the Inflation Monitor. Inflate the floor until firm like the other chambers.



The oars are conveniently stowed on the sides of the boat in clips.



Inflatable Seats

The inflatable seats are designed for function and comfort. Attach the valves and inflate as described in the steps above.



To row your boat using the AB-254 oar set, use the blue carry handles as oar locks. Although the handle is a snug fit for the shaft of the oar, slide the drip ring on the inside of the boat to act as a stopper to keep the shaft in the oarlock.



Comfort High Seat

Optimized for operating a motor, place the high inflatable seat in the aft position. The D-rings can be used to secure the seat in place. Run a line or strap under the floor and tie off. They can also be used to hang items on.



shown with optional electric trolling motor*



AB-254 Oar Set

Assemble the two halves. The blade has a button which locks into a corresponding hole in the handle.

Your Sea Eagle 9 is now assembled and ready to use. Please feel free to call us at 1-800-748-8066 with any questions you may have and don't forget to check out our instructional video at [SeaEagle.com/Instructions!](http://SeaEagle.com/Instructions)



Motor Support Bench (OPTIONAL)

If you have the optional Motor Support Bench (MSB), install it now. Work it under the bars and attach the hook and loop straps.



Lay the canopy on the back of the boat with the front bar on top.

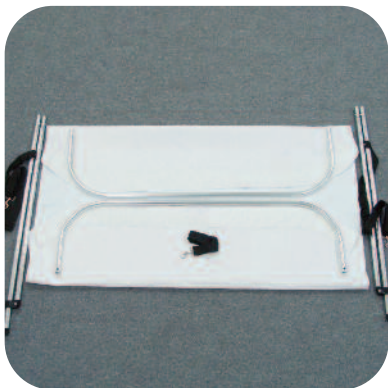


SPW Wooden Bench (OPTIONAL)

Untie the hand line that runs around the boat, carefully pulling it out. Run it through the holes in the seat and back through to the rear of the boat. Once done, re-tie the rope using a simple over-hand knot.



Attach the hardware on the end of the rod. The plate goes inboard. Insert the bolt and washer from inside. Put the brass spacer on the bolt, then rod on the outside, washer and black threaded knob (en down), seat, foot pump and other small items.



Canopy (OPTIONAL)

Lay out the canopy parts on the floor. Arrange the canvas top side up and fold ends back as shown here. Position the curved bars so the locking holes at the ends are up. The sleeve with a window cut-out is the front.



Hook the rear straps to the oar clips. Pull the canopy up by the front strap and clip it to a rope grommet in the bow. Adjust the buckles as needed. Leave the hardware attached to the rod when removing the canopy so it is available for next use.



Push the tube through the front sleeve until it shows in the window. Place the strap loop over the tube and finish inserting the tube. Insert the other tube in its sleeve.



Life Jacket (OPTIONAL)

U.S.C.G approved! Sea Eagle Life Jackets are good looking and durable. Features four closures on adjustable nylon straps for a comfortable, secure fit. Various sizes available. Type III PFD.

Squid Anchor Kit (OPTIONAL)

The Squid Anchor gets its heft from up to 14 lbs. of river sand, rocks or gravel, simply fill it up and go! When you're done, just dump, rinse, stow and go! Weighs under 8oz. when empty. Comes with 25' of rope.



Battery Power Center (OPTIONAL)

Fits battery group sizes 24 and 27. Allows trolling motor and charger leads to be connected without opening the box. Features built-in battery meter, two 12-volt accessory plugs and three manual reset circuit breakers.



EZ Cart S (OPTIONAL)

Simple to use and easy to assemble, the EZ Cart fits under the SE-9 allowing easy transport to you're launching point. Not meant to be used as a trailer or with a vehicle. Packs down for easy transport.



PRO TIP

Never connect the (+) and the (-) terminals of the battery together. Take care that no metal object can fall onto the battery and short the terminals. This would immediately lead to a short and utmost fire danger.



Carry Bag (OPTIONAL)

Great for transporting your Sea Eagle and also for accessories. Made with heavy duty 440 denier nylon fabric. Measures 26"x48". Comes with convenient carry strap and draw-string.



DEFLATION

Deflation is as easy as 3, 2, 1. Deflate in the reverse order chamber 3, then 2, then 1, and finally, the floor! If the order is reversed, air will be trapped in chamber 3, and chamber 1 will then have to be reinflated.



Portable Charger (OPTIONAL)

Protect and preserve your battery life with this portable 10AMP, Minn Kota battery charger. Features fully automatic 3-stage charging. Just 17 lbs. Input: 120V AC Output: DC 12V



After unscrewing the valves, most of the air should be out, squeeze out any trapped air. Make sure you remove any accessories like the motor mount and bench seats. Fold one side of the boat until it overlaps the floor.





Pull the other side over the first until it overlaps the boat as shown.



A) Fold the aft end over approximately a third of the way up the boat.

B) Fold the front of the boat over the last fold.

C) Fold in half.



Aerospace Protectant (OPTIONAL)

Apply to the vinyl every 3-5 weeks. Protectant preserves the vinyl and makes it easier to keep the Sea Eagle clean.



Cleaner & Restorer (OPTIONAL)

3M Marine Cleaner not only clean various stains off of your boat, it also helps restore the fabric to its original condition.

CLEANING & PROTECTING

Water collects under the sides of the floor of the boat. To drain, loosen the drain valves in the stern of the boat and elevate the front so water runs down and collects in the stern. Turn boat over and lift the back so waterspills out. Towel dry the lowest areas.

Dry after each use to avoid mold. **While washing or rinsing: close the valves so that water cannot enter the chambers.** Sea Eagles can be cleaned very effectively with general purpose cleaning products and a scrub brush.

Protection from the Sun and Heat

Avoid leaving it 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 boat to become sticky or cause the glue to fail. 303 Protector & 3M Marine Cleaner combines cleaning and sun protection.

STORAGE

If you plan to leave your Sea Eagle outside, keep it raised off of the ground and covered so it is not exposed to sunlight, rain, leaves, berries, bird droppings, etc. To avoid mold, store your Sea Eagle in a place out of the weather and not in excessive humidity. Sea Eagles left on the water or turned upright will need to be emptied from time to time. Do not attempt to lift a boat full of water.

STORAGE TIPS

- Check for water in the chambers. Water will leak out of open valves when it is rolled up.
- Water left inside can 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.

TROUBLESHOOTING

ATTENTION: If your Sea Eagle is losing 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.

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.

TIGHTEN: Be sure to 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.

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.

SOAP & WATER: Inflate the boat to full pressure. Mix a couple of tablespoons of dishwashing 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.

REPAIRS

Even though our Sea Eagles are very rugged and tough, you may still experience the occasional puncture through use of your boat. 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.

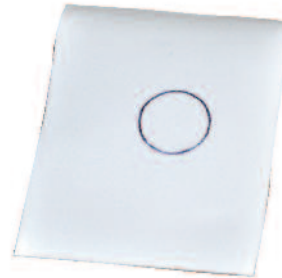
You can also call us directly at **1-800-748-8066 ex. 314** and ask to speak with Technical Support for further assistance or a quote for having your boat mailed to our facilities for our professional repair services.

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

Your Sea Eagle comes standard with a repair kit that includes two 4 in. x 3 in. swatches of material and two tubes of PVC glue.



Pinholes

Trace the outline of the patch material and cut using scissors. Trace the outline around the effected area of the boat and coat the patch and boat with the repair kit glue.



Wait about 5 minutes or until the surface of the glue hazes over then apply the patch. Do not apply wet glue to wet glue. If you have access to electricity, heat the glue with a hair dryer then apply the patch. This method produces the best results.



Mate the patch to the boat and smooth down until the patch adheres. Do not inflate, allow at least 24 hours to cure before inflating.

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.
- 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 at SeaEagle.com/Instructions.

Leaking Floor Drains

If you suspect the floor drain valves are leaking they can be tested by pouring some water in the boat and checking under the boat for water dripping from the valves.

Flush any sand or debris from the threads. Check where the caps screw into the floor that the O-rings are smooth and without dents.

If you see a dent in an O-ring, heat it up with a hair dryer, and the dent will ease out and return to its original shape. This also works if the base is bent or misshapen.