

# SEA EAGLE<sup>®</sup>.com



## RIB11

Instruction & Owner's Manual

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

**September 2018**

## Congratulations on purchasing a Sea Eagle!

With 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.

***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).

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

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. ***\*The Sea Eagle RIB11 is rated for use with up to a 20 hp 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 boating safety, visit [USCGBoating.org](http://USCGBoating.org) or enroll in a water safety course given by a local provider.

As a safety reminder, 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.

## 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 drag your Sea Eagle over pavement 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.
- DO NOT use compressors, CO<sub>2</sub> 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 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

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:** 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 likely to encounter. A waterproof container is recommended.

**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. 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](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.

**Leash:** Use of a leash is recommended for stand up paddling. It is not recommended to use a leash with an electric motor. For use of the boat with an electric motor, it is best to allow the boat to move away to avoid a propeller strike and retrieve it later.

# SAFETY

Boating is challenging and inherently dangerous. Follow safe boating practices. Be physically fit enough to meet the challenges, prepared for any weather conditions that might be anticipated, and follow the safety basics. Protect all personal items in a waterproof bag. Secure all accessories to the boat.

## Motor Safety and Reboarding

Spinning propellers and carbon monoxide produced by gas engines can cause serious injury or death.

- Do not approach a running motor from the water.
- If you or your passenger falls overboard, **do not attempt to reboard in the motor mount area.**
- Turn engine off at a safe distance when approaching a swimmer in the water.
- Install propeller guard on gas motors

If the motor is equipped with an engine safety cutoff (kill) switch, the driver must attach the cable to themselves, either around the thigh or wrist, or to clothing (preferably a life jacket). In addition:

- Test regularly to ensure that the engine stops when the kill cord is pulled from the switch.
- Make sure that the kill cord is in good condition.
- Always attach the kill cord securely to the driver, ideally before the engine is started, but certainly before the boat is put in gear.
- Stop the engine before transferring the kill cord to another driver.
- Wireless kill switches are available and each passenger can wear one.

## Safety Training

Completion of an approved boating safety course is recommended for all operators of powered boats, and is required for junior operators in many jurisdictions.

## Motor Selection

The RIB11 can accommodate a variety of motors from trolling motors up to 20 hp gas motors. With small gas engines (2 - 4 hp), the RIB11 will travel at 3 to 5 miles per hour and will not plane under most conditions. Equipped with a 9.9 hp motor RIB11 can reach a planing speed with two adults and one child. Larger motors will make planing easier, but speed will vary with passenger size, gear weight, distribution of the load and sea conditions.

Under some motoring conditions, ventilation may be experienced. For example, for some boat/motor combinations, on a hard turn the propeller may pull air down from the surface. When this happens, the propeller may spin freely causing the motor to lose its pushing power against the water. A ventilation plate extender or outboard motor hydrofoil may be needed.

### RIB Inflation Pressure:

Maximum inflation pressure for the RIB11 is 3.2 psi (pounds per square inch) or in metric measurement 225 mb (millibars). We recommend inflating the chambers to this maximum pressure.



*Danger:* Over pressurization could lead to catastrophic failure and sudden release of compressed air. Serious injury to persons nearby could result. Maximum recommended pressure is 3.2 psi. **DO NOT** use air compressors that are designed for other uses such as tire inflation, they can easily over-inflate & cause harm to you and your Sea Eagle.

As air is compressed it heats up and expands. Warm air occupies more volume than cool air. If the water is cold, warm air in the boat will shrink and some rigidity will be lost. Allow a few minutes for the boat to cool off in the water, and if needed, top it off with enough pump strokes to bring it back up to pressure. The boat could also appear to lose pressure overnight if the nighttime temperature drops significantly below the daytime temperature.

Air pressure within the boat may increase on a very hot day. It is best to keep the boat in the water to dissipate heat, but the boat should be able to accept the additional pressure without failure. Refer to the care section of this manual for protection and storage information.



*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.

# OPERATING YOUR SEA EAGLE

## BEFORE & DURING USE

Avoid damage. Do not drag your Sea Eagle over abrasive surfaces like asphalt parking lots, gravel or concrete boat ramps. Carry or wheel your Sea Eagle from the car rack to the setup point, and then to the water when assembled.

Rocks and sticks usually will not damage a Sea Eagle but be alert for partially hidden or submerged hazards like metal signs, shopping carts and other debris especially during periods of low water. Be careful of docks and pilings which may have exposed nails, screws or marine life such as barnacles or oysters.

**Fish Spines:** Many species of fish have sharp spines than can cause small punctures in the RIB11. Do not allow fighting fish to bump the boat. Use a net to pull fish out of water when possible.

**Drain Holes:** The RIB11 has a 1" drain hole (bung) for draining water from the cockpit. The plug is lever action. While ashore, the plug can be removed to drain accumulated rainwater. While under power, the plug can be removed to drain accumulated water. Insert the plug before powering down to prevent backflow into the boat. The hull also has a condensation drain for draining water from between the inner and outer fiberglass double hull construction.

**Invasive Species:** Invasive species consideration: If the boat is to be used in multiple waterways, fully drain the boat, rinse and dry to prevent the spread of invasive species. Put a small amount of sanitizer in condensation drain if hull leaks water. Boat is resistant to bleach and steam. Check local fish and wildlife authorities for more information on how to prevent the spread of invasive species.

## Capacity Ratings and Dimensions:

**Persons:** 4 Persons or 750 lbs.

**Total Weight Capacity:** 1320 lbs. of people, motor & gear

**Maximum Engine Rating:** 20 HP, Short Shaft Recommended


**Chambers:** 3

**Length:** 11'

**Boat Weight:** 136 lbs

**Width:** 5'5"

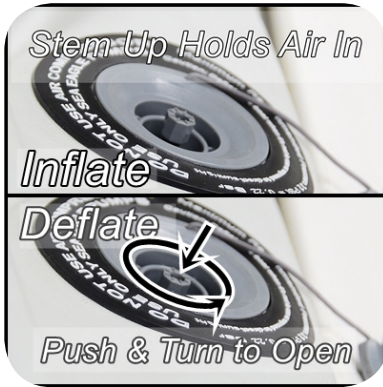


 **WARNING:** This product can expose you to chemicals including DEHP (Di(2-ethylhexyl) phthalate, which is known to the state of California to cause Cancer, Birth Defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)





**Using the Recessed Valves:**  
Remove the cap to access the valve stem.



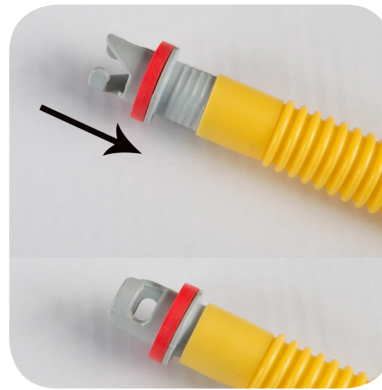
Press and turn the stem counterclockwise so it can pop UP. When the stem is up, the valve is closed and will hold air.  
To let air escape for deflation, press and turn the stem clockwise until locked open.



**Using the A41 Large Bellows Foot Pump:**  
Open the pump by pushing down and releasing the black clip.



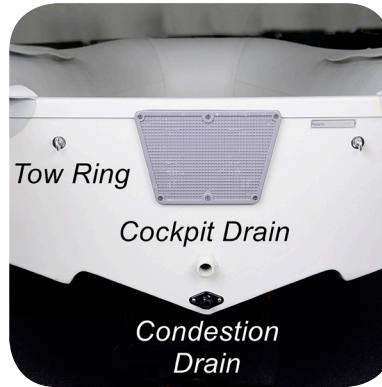
Screw the hose onto the OUT port.



Insert the ribbed end of the Recessed Valve Adapter to the other end of the hose.

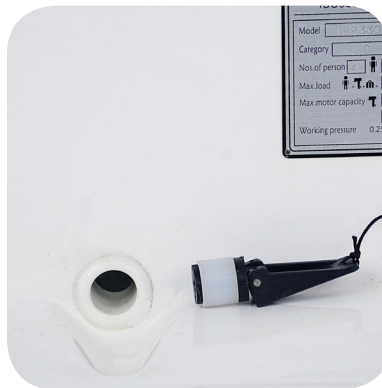
Adapter should be fully seated.

## RIB11 | FEATURES



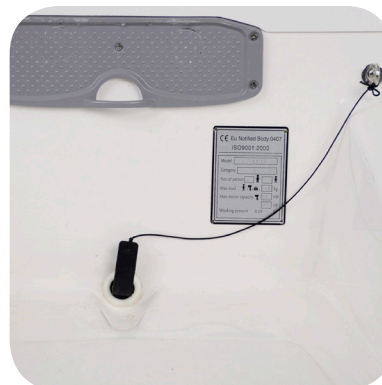
### Transom Features

Transom has a cockpit drain, condensation drain, motor mount plate and two tow rings for an inflatable or a kneeboard.



### Cockpit Drain

Cockpit drain plug is removed by flipping lever down and pulling straight out.



Reinsert plug. Pull lever up, which expands plug and secures it in place.



**Condensation Drain**  
Condensation drain is for discharging water that accumulates between the layers of the double hull transom. There should be very little water unless the outer or inner hull have a leak.



**Bow (Front)**  
At the bow is a carry handle, mooring ring and two tow rings. RIB11 can be towed behind another vessel using tow rings as connection points. A towing harness or bridle will be needed. Adjust tow line so boat rides facing wake wave.

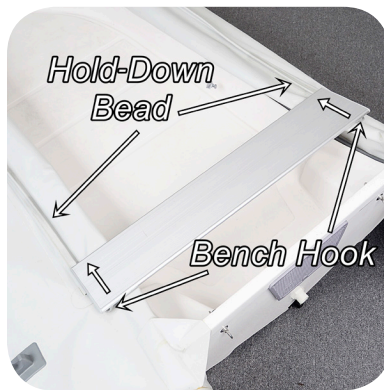


**Lift Rings**  
RIB11 has one bow and two transom mounted interior lift rings. Boat should be empty of cargo, gear and water before lifting. Remove motor weighing over 35 lbs prior to lifting by the rings.

*Bow Lift Ring*



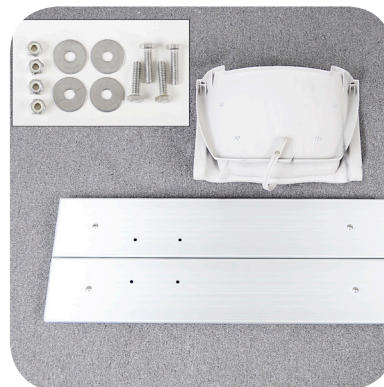
Locate an area large enough to safely assemble & inflate the RIB11. Check that the area is free of hazards that could injure you or damage the boat.



Before inflating, bench(es) must be installed on hold-down beads. Slide hooks located on bottom side of bench onto bead one side at a time. Slide bench forward so that bench will be a little forward of motor tiller twist grip.



**Swivel Seat Kit (optional)**  
Tools needed: two wrenches (7/16"), or one wrench and nut driver. Wrenches can be adjustable.



Swivel seat kit contains a locking swivel seat, double aluminum bench and hardware. Hardware: 4 - 1" hex head screws, 4 nylon locking nuts and 4 flat washers





Offset swivel base plates so bolts can be inserted through the slots in base. To unlock, pull lever forward. Release lever to re-engage lock.



Check that cap does not fall between inflatable chamber and fiberglass hull before pumping air into the chamber.



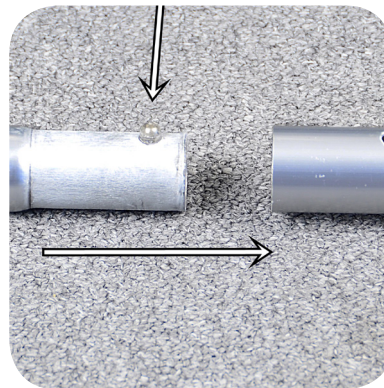
Run bolts through swivel slot and through aluminum bench. Place washer on bolt, then thread nut. Before tightening, install all screws. Tighten with the tools.



**WARNING:** Air compressors that are designed for other uses like tire inflation (usually over 30 psi) can easily over-inflate and cause harm to your Sea Eagle that uses a much lower pressure. For this reason, we recommend using only Sea Eagle manual or electric pumps.



Slide assembled kit onto seat hold-down beads.



Slide the oar sections together. Lock shaft into blade by engaging spring button into hole in blade section.



Pump each chamber until no more air can be forced in. Inflatable should be very tight.



Unscrew ball nut from oarlock pin. Slide pin into hole in oar sleeve and reinstall the nut. Push oar shaft into retaining clip.

Fully assembled and ready to go.

Deluxe



Swivel Seat



Honda Motor



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

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

## RIB11 | CLEANING & PROTECTING

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

**Fiberglass:** Clean and wax fiberglass surfaces to keep looking shiny and new. Many types of cleaners are available. Do not wax non-skid deck surface. Bottom of fiberglass hull can be painted with bottom paint. Inflatable portion can be coated with inflatable antifouling paint.

### 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.

## RIB11 | 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.

- 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 or strike until the boat is brought to room temperature.
- It can be stored inflated. If hung, support by lifting rings.
- After storage, inspect for loose items, damage and leaks.

## RIB11 | TROUBLE SHOOTING

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.



## RIB11 | 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).

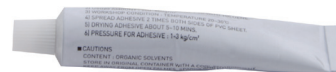
You can also call us directly at **1-800-748-8066 ex. 314** and ask to speak with Technical Support for further assistance or a quote for having your boat mailed to our facilities for our professional repair services.

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 wrench.



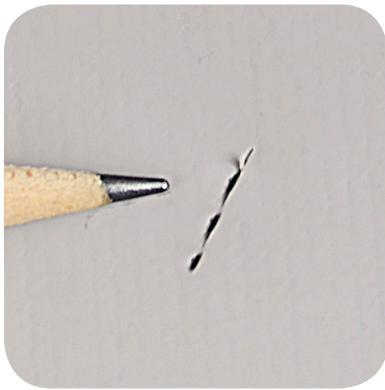
### PVC Based Glue

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



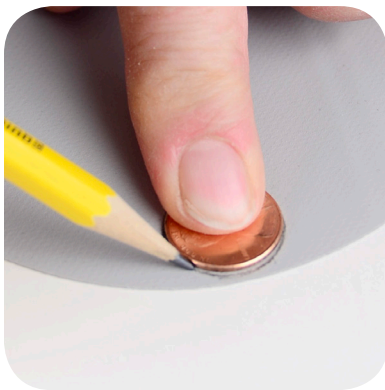
### Pinholes

Deflate the boat 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 24 hours to cure.



**Patching**

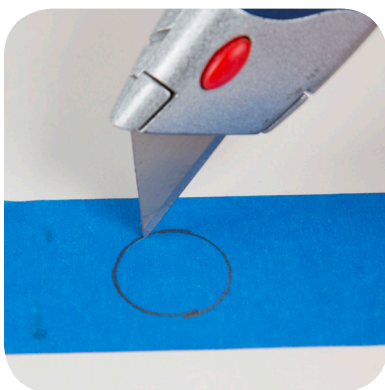
The most common repairs are a puncture or small cut. A penny size patch is sufficient for repairs of this type.



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.



Cut patch along the outline with scissors.



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.



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 1/2" 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.



Sea Eagle offers a large array of accessories for your RIB11.



**Personal Flotation Devices (OPTIONAL)**

U.S.C.G. approved. Life jackets, paddling vest, PFD Belts available in various sizes.



**Life Jacket Whistle (OPTIONAL)**

Bright orange whistle can clip onto your life jacket or used with the included lanyard to hang around your neck or wrist. Whistle has no parts or balls that can jam or corrode.



**See-me Safety Light (OPTIONAL)**

Coast Guard approved LED personal safety light emits a 360° light visible up to 3.4 miles. It also attaches to a PFD!



**BTP Turbo Electric Pump (OPTIONAL)**

These electric pumps come with a nylon shoulder carry bag, 12V DC power cord, hose and adapters.



**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.

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