

SEA EAGLE.com[®]



Stealth Stalker

Sea Eagle Stealth Stalker 10
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

March 2015



SEA EAGLE WARRANTY

Congratulations on purchasing a Sea Eagle! With over 40 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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1-800-748-8066
staff@seaeagle.com

OPERATING YOUR SEA EAGLE

Motoring

If your Sea Eagle comes equipped with a motor mount, it can be used with either an electric or gas motor.

Since the boat is light weight, there is less drag so it will motor very well with small outboard motors. The Sea Eagle Stealth Stalker 10 has been rated by the National Marine Manufacturer's Association for a motors maximum capacity for both weight and horsepower. Under no circumstance should you equip the boat with a motor that exceeds these capacities (whether they be for weight or the horsepower or both). Not only can this result in damaging your Sea Eagle, it will also void your Sea Eagle warranty.

Gas motors are measured in units of horsepower and are generally built with power, range and speed in mind. The Stealth Stalker 10 is good for use with a 3HP gas motor with a maximum weight of 45 lbs. For the best performance with a motor, we recommend using a 15" short shaft.

Traditional electric motors are measured in units of thrust and are slower and quieter on the water than gas motors. 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). We recommend using a motor up to a 74 lb. thrust.

Advantages of having an electric motor over a gas include lighter weight and ease of maintenance. 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 itself as you should never directly connect the motor to the battery.

The Torqeedo Travel 1003s electric motor is unlike any other electric motor on the market today. They are powered by a waterproof lithium ion battery (battery charger included), the Travel 1003s delivers the true 3HP performance of a gas motor! Features include on board computer display, GPS and an audible alarm when the battery reaches 30%. Torqeedo electric motors are lighter to transport than gas motors and do not require a heavy 12V battery like a traditional electric motor. You can also power your Torqeedo Travel 1003s using the new Sea Eagle Solar Canopy which is comprised of a PowerFilm Solar Panel.

Minn Kota & Torqeedo products come with a manufacture warranty and are not covered by the Sea Eagle warranty. All warranty work is handled directly by the respective manufacturer and all sales on these products are final. It is strongly advised that you read all printed materials provided.

Rowing

You may be surprised at how easy it is to row your Sea Eagle. You can row facing forward or backwards. Be sure to check over your shoulder frequently to avoid any obstacles or obstructions. Be aware of the conditions of the water 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 sail boats.

If you are new to rowing, we suggest that you practice rowing near the shore before venturing out further onto open waters. Practice makes perfect and ensures that you are comfortable in your boat in almost any weather conditions. Make your strokes as fluid and smooth as possible.

When pulling your oars through the water you should try to keep the blades fully immersed in the water, but as close to the surface as possible. This will give you greater rowing leverage. Even if you are motoring, we recommend that you always have your oars on board in case of an emergency or engine failure.

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. Printed in each Sea Eagle is a list of boater safety suggestions.

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.
- 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 should determine the type of safety equipment that you have on board. For all types of boating we strongly recommend that every passenger wear a USCG approved PFD (personal flotation device). In most places having a PFD for each person 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. Other important items to consider for all types of boating...

Drinking Water & Snacks: Kayaking is a physical activity that can work up both a thirst and a sweat and especially on a hot or warm day it is a good idea to have drinking water readily available to you to prevent dehydration. Bring a good amount of water for all passengers as you want to avoid drinking the water you're kayaking in which may be full of contaminants.

Extra Clothes/Layers: You never know when the weather can change and it's a good idea to come prepared with extra clothing. If you have a dry (waterproof) bag than we recommend storing them inside so they're not damp in case of emergency.

First Aid-Kit: The contents of the kit may vary depending upon your preferences, but make sure to carry a kit that reflects the possible dangers for the conditions you are in.

Foot 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 the foot 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.

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.

Always tell someone where you intend to go boating and when you plan to return. Keep your cellphone in a waterproof container that will float if it falls overboard.

ONE TIME ASSEMBLY

There are some items that require one time assembly. Once installed they may remain in place when the boat is rolled up after use or require partial assembly for use. Not all items described below are included with all boat packages.

Floorboards

Locate the floorboards and aluminum struts



Scotty Rod Holders

Locate the rod holders and the 7/8" caphead bolts (usually located inside of the orange repair kit canister). Remove the mounting base.



Seat Mounts (OPTIONAL)

First attach the seat mounts to the floorboards. Locate the 1 1/2" flathead bolts and T-nuts which are packed with the seat mounts. You will need a #2 (medium) or #3 (large) tip phillips head screwdriver.



Use the bolts to secure the mounting base to the pads glued onto the boat. Orient the base to the arrow points in-board. Do not use bolts longer than the ones provided as they could puncture the boat.



Insert the T-nuts into the mounting holes in the floorboard. This will be the underside of the board.

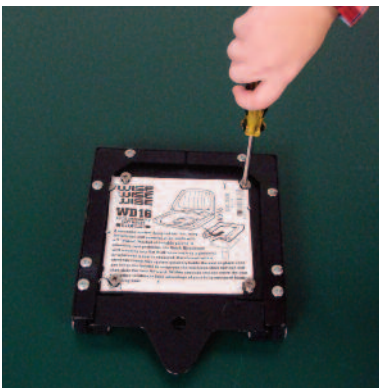


Swivel Seat/Pedestal (OPTIONAL)

Bolt the seat to the pedestal using the 1/2" bolts and wing nuts. The hardware is usually packed with the seat mount.



Place the seat mount over the top of the floorboard holes and screw the flathead bolts into the T-nuts.



Offset the swivel base so you have enough room to insert the screws and thread the nuts. Tighten the nuts securely.

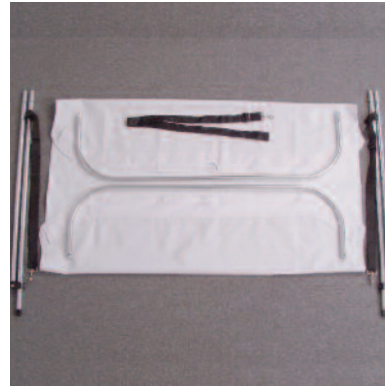


ONE TIME ASSEMBLY (continued)



Deluxe Fishing Seat (OPTIONAL)

The Deluxe Fishing Seat (DFS) has two internal bladders, two valves and two straps.



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.



Tether the valve to the valve base., Stretch the ring over the base. The ring fits in a groove in the base.

TIP: Soak valve caps in warm water to make installing the ring over the base easier.



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.



Pump Nozzle

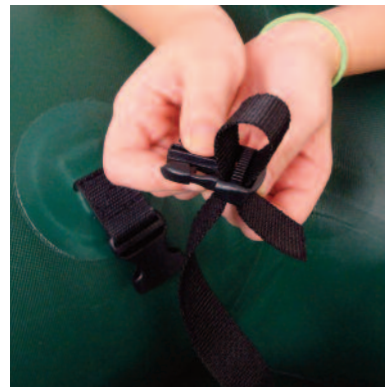
This triple nozzle adapter comes with the foot pump and is needed to inflate the deluxe one-way air valve on the DFS. Insert the ribbed end of the large rounded adapter piece into the hose.



Flip the front bar over and insert the side rods into the curved tube. The short rod goes into the front tube. There are buttons to lock the tubes together.



Unscrew the cap and screw the valve in tight to prevent air from leaking during use. Inflate the seat using the foot pump with the adapter above.



Stow Bag

Remove the male clips from the mounting pads on the boat. Push the end of the strap up through the middle of the male clip and down through the slot in front as shown.

INFLATION VALVES & PUMPS

Recessed Air Valves

Remove the cap and press and turn the valve stem counterclockwise so that the stem is in the UP position. When the stem is in the up position the valve will retain air. Turning the stem clockwise will put the valve in the down position for deflation.



BTP Turbo & BP12 Electric Pumps (OPTIONAL)

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

Foot Pump

Open the foot pump and screw the hose into the OUT port of the pump.



Included are a cluster of seven valve adapters, with raised numbers on each arm of the cluster. The adapter marked number 1 is the only adapter needed for your Sea Eagle.

Recessed Adapter

The recessed valve adapter is located inside of the orange repair kit canister.



Take adapter number 1 from the cluster and firmly push it into the grey tube in the end of the hose. To ensure that the adapter is fully seated on the tube, push it until the end of the tube pushes past the raised ring in the adapter.



After locating the recessed valve adapter, insert the ribbed end into the hose. We recommend having the foot pump with your boat at all times.



Connect the other end of the hose to the red inflation port at the top of the pump, located near the ON and OFF buttons.

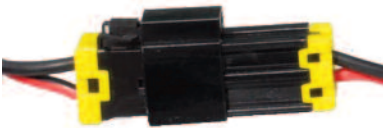
INFLATION VALVES & PUMPS (continued)



Adjust the pressure dial to read 3.2 PSI which is the operating pressure of your Sea Eagle. PSI is marked in red on the dial. Never turn the dial when the device is under pressure as this will immediately cause the instrument to break.



To charge the portable battery, plug it into the charger and then plug the charger into a household electrical outlet. The light on the battery charger will blink red until fully charged. When it is fully charged the light will be a solid green.



Connect the quick connector at the end of the power cord into the quick connector attached to the pump.



Keep the pump in its carry bag to make transportation easier and to protect the pump from sand which could jam it. The carry bag has compartments for the pump, battery hose.



To connect the pump to a 12V battery, use the cord with alligator clips at the end of the extension cord. Connect the red clip to the positive pole and the black clip to the negative pole. **CAUTION:** Cross connecting wires could damage the pump and boat.



Press the ON button to begin inflation. The pump operates in two stages which can be identified by the noise of the turbine at the start, followed by the piston.

The pump automatically stops once the pressure is reached.



If you ordered the portable battery, connect the battery to the quick connector onto the pump.



Air compressors that are designed for other uses like tire inflation (usually around 50 PSI) can easily harm your Sea Eagle which works at a much lower pressure of 3.2 PSI. For this reason we recommend only using Sea Eagle pumps.

ASSEMBLY & INFLATION

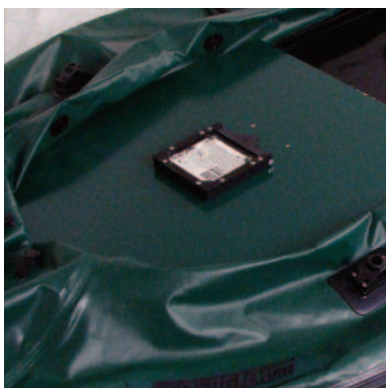


Choose a flat location to roll out the hull and check the area for sharp objects that may damage it. Remove the boat from its bag and roll it out when the area is ready.



Insert the side struts.

If any of the side material is under the floorboards, it must be pulled out. Straddle the boat and hold the board down with one foot while pulling up on the side of the boat.



Floorboards

Push the floorboards into position. The boat may be very stiff when first opened making the floorboards difficult to install. Open the valves to allow some air to move inside. Adding some air to the chambers may help too.



Motor Mount (Optional)

Install the motor mount by inserting the lower pegs into the mounting pads.

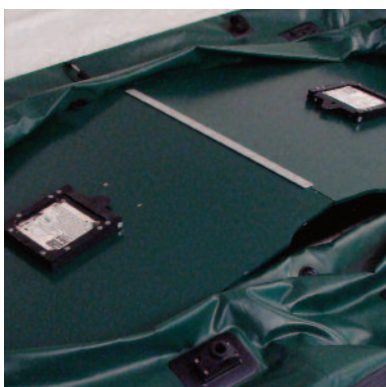


The floorboards should overlap in the middle.

As a precaution, put the valve caps in the valve to prevent them from being accidentally pulled off by the floorboards.



Then work the upper pads into their mounts. You may find it necessary to partially inflate the boat to make installation easier. If so, skip to the next step and come back to the motor mount.



Place the long strut onto the edge of one board. Lift the boards from the middle and insert the edge of the other board into the strut. Press down until fully seated. This step is best done with two people.



Inflation

Close the valves. Twist the valve stem clockwise and allow the stem to pop up. This will close the valve for inflation.

ASSEMBLY & INFLATION (continued)



Insert the valve adapter into the valve and turn it to lock the hose in place. If using the foot pump, inflate each chamber until it is very firm. You cannot over-inflate with the foot pump.



Scotty Rod Holders
Push the rodholder into the mount. The key must be aligned with the groove in the base.



Your STS-10 holds a lot of air. We suggest one of our electric pumps such as the BTP Mano, shown here, to speed the inflation process. While inflating, check that the floorboards are fully seated.



The rodholders can be rotated by lifting slightly, rotating to desired position and pushing down to lock in place.



Swivel Seat (OPTIONAL)
Slide the base of the pedestal into the seat mount until you hear it lock. To remove, lift the tab and slide out.



Stow Bag
Insert the male clip into the female part installed on the boat.



Deluxe Fishing Seat (OPTIONAL)
If you have the inflatable seats, they can be arranged anywhere in the boat.



Oars
Assemble the oars and secure them to the oarlocks. Unscrew the ball from the oar pin and insert the oar through the hole. Replace the ball and loop the shaft into the velcro holder. Your Sea Eagle is ready for launching.

DEFLATION



Remove the valve caps and open the valves. Press as much air out of the chambers as possible. First, fold the boat in thirds. Remove seats, etc.



Fold the boat until it fits roughly within the outline of the bag. The straps will help compress the boat to minimum size.



Run the straps through both loops. Then fold the strap and run it through the top loop. To undo the strap just pull the end. Your boat is now ready for storage.

STORAGE

Although PVC material can become brittle in extremely cold temperatures, you can still safely store your Sea Eagle in them so long as you avoid dropping it and do not subject it to any sudden impacts.

If you're planning to leave your Sea Eagle outside, 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. A boat that is left in water will most likely have to be emptied from time to time. Make sure that your boat is dry before storing it for more than a few days, to remove any excess moisture that could cause unsightly mildew. Choose a cool, dry spot when storing in an enclosed area like basement, closet or garage. Do not store in an attic or metal shed.

TIP: Mouse proof your storage area. Nesting mice can do a lot of damage to your Sea Eagle.

OPTIONAL ACCESSORIES



Canopy (OPTIONAL)

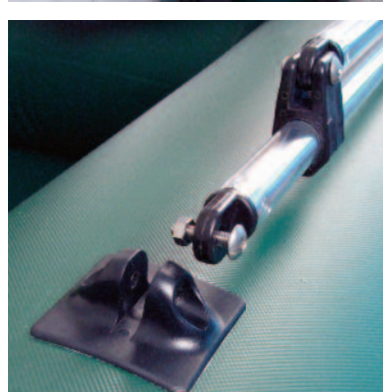
Lay the canopy on the back of the boat with the front bar on top. Hook the rear bar straps to the carry handles.



Attach the poles with the included hardware. A phillips head screwdriver is needed for this step.



Pull the canopy up by the front strap and clip it to D-ring in the bow.



Attach the hardware on the end of the rod when removing the canopy so it is available for next use.

OPTIONAL ACCESSORIES (continued)



Life Jacket (OPTIONAL)

U.S.C.G approved! This type III PFD is great for all boating needs and gives you plenty of arm room in case you feel like rowing. Comes in various sizes with three adjustable buckles and adjustable nylon straps for a tight secure fit.



Torqeedo 1003L (OPTIONAL)

Weighing just 30.8 lbs with a shaft of 29.3", the Torqeedo Travel 1003L delivers the same performance of a 3HP gas motor and develops 4-5 times the power of traditional electric motors.



Minn Kota Motors (OPTIONAL)

Minn Kota Motors are the most reliable electric trolling motors on the market. These motors run off a 12v deep cycle marine battery (which is not included or sold by Sea Eagle).



Portable Charger (OPTIONAL)

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



Battery Power Center (OPTIONAL)

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



TIP: Never cross connect the (+) and the (-) wires of the motor. 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.

TROUBLESHOOTING

If your boat is losing air it doesn't necessarily mean that its leaking. For instance a boat 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 boat will appear softer the next morning. When there has been no variation in temperature and your boat is losing air then it is time to start looking for the leak.

The first thing you should do when looking for a leak is to actually look at the boat. Visually inspect the boat from a few feet away 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.

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 orange repair kit canister.

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.

Other troubleshooting techniques you can try to locate the leak is to dowse the boat with a mix of dishwashing liquid and water. The leak may produce bubbles or make whistling or sputtering noises.

REPAIRS

Although 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 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.



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



Repair Kit

All Sea Eagles come with a repair kit that includes PVC patches and PVC glue. The kits also includes a recessed valve adapter and valve wrench.



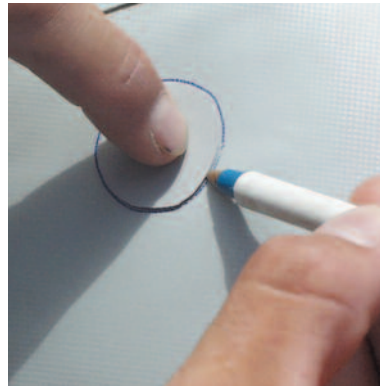
PVC Based Glue

For repairs on our boats you will need to use a PVC based glue. We suggest this 12 oz. can of Vyna Bond if you need more glue than what comes standard in the repair kit.

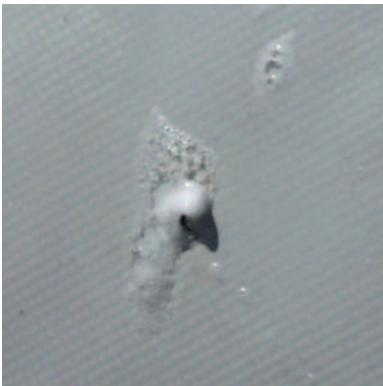


Repair: Patching

Leaks 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 out of warranty.

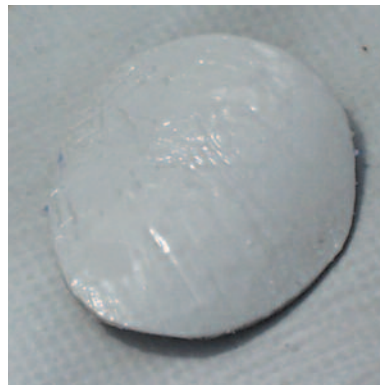


Using a ball point pen, trace the outline of your patch which should be large enough to overlap the damaged area by approximately 1/2". Angle the pen inward a bit so that the ink will be covered by the patch later.

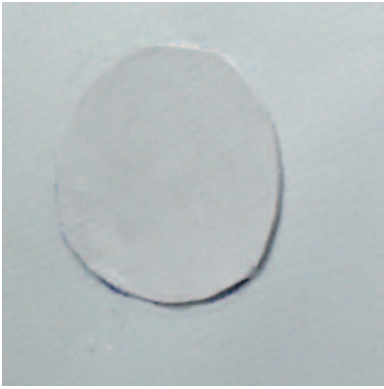


Repair: Pinholes

Deflate your 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 12 hours to dry.



Apply adhesive to the dull side of the patch and around the area to be repaired. Coat the affected area lightly but completely with glue. If you have access to electricity, heat glue applied to the surfaces with a hair dryer.



Place the patch on the damaged area and press down firmly. Let the glue cure for not less than 24 hours. If glue does not hold, heat patch with a hair dryer and press firmly until cool.



A temperature of 160° degrees will activate the adhesive and from there you can press firmly on the patch until cooled. **NEVER use a heat gun on your boat.**