

FlexBrace Installation

FlexBrace pads must be glued onto the side of the boat. Bars and pedals can be removed for compact folding. Follow instructions step by step. Have all needed items at hand before starting. Two-part glue like our Weaver Glue Kit is recommended.

Caution! Once glued on, FlexBrace, pads can only be removed with great difficulty.

FlexBrace Kit Includes:

- Left and Right side FlexBrace base
- 2 - Aluminum bars 9-7/8" x 3/8" diameter (250mm x 1 cm)
- Left and Right Footrest Pedal

Weaver Glue Kit

- Weaver two-part adhesive for PVC Boats
- paint brushes
- MEK solvent
- mixing cups



Also Needed:

Chemical resistant glove

Masking Tape

Rag for solvent

Fine sandpaper

Tape measure



Placement

FlexBrace can be installed on a variety of inflatable boats. Temporarily tape the bases onto the boat before gluing, once glued on, it can be very difficult and possibly damaging to remove them.



FlexBrace should be installed 18-22" from the front edge of seat base. For Sea Eagle seats, it is the same measurement for DKS inflatable seat but there will be less legroom. This will allow for a wide range of seat and pedal adjustment.

Placement in the boat can be for single or tandem use. Layout FlexBraces in boat with seats. Sit in the seats to confirm lay out.

Obstacles such as valves and handles may be encountered, install pads in best available position.

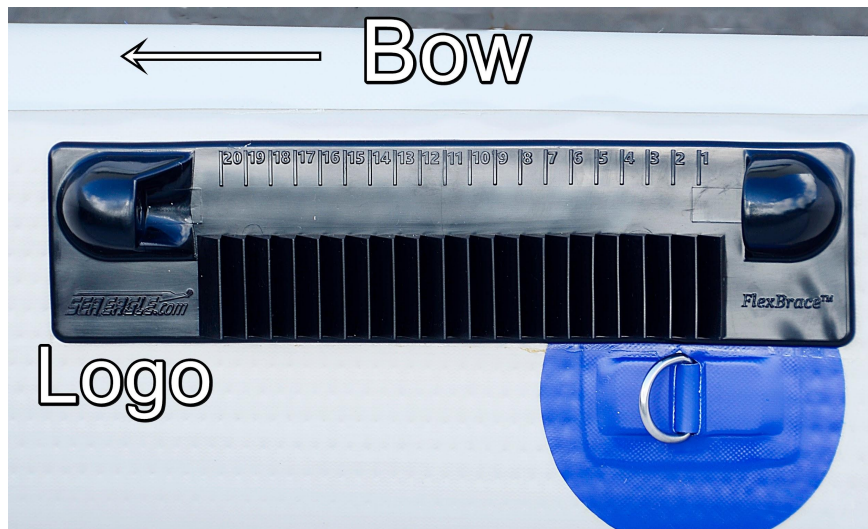
Ideally, FlexBrace should be installed high enough for pedal to meet ball of foot. Lower placement will work if needed to avoid obstacles like valves, handles and D-rings.

First, inflate all chambers.

Right Pad and Left Pad

Look for the Sea Eagle logo. Logo goes towards the front (bow) of the boat.

Right side pad is shown here.



FlexBrace Pad Placement

Shown here is installation on a Sea Eagle 393RL. Place pad so it partially covers the front D-ring pad.

Check that the pad is level. The gap to the boat's top seam should be consistent along pad's length.



Trace pad outline with a pencil. Mask the outline with tape.

Prep for Gluing

Because the back of the pad is shiny, dull surface with fine sandpaper and rub it with solvent on a cloth. Then, rub the masked off area of the boat with solvent.



MEK (methyl ethyl ketone) is the most effective solvent, but not available in all areas. Acetone, toluene or alcohol are alternatives.

Do not use sandpaper on the boat.

Mix Glue

Mix approximately half of the big can and half the vial of additive. Reseal the can for future use.



Follow instructions supplied with the glue for coats and drying time.

Apply glue with paint brush. Peel off masking tape when finished.

Allow Glue to Dry 15 minutes

Glue should be firm to the touch. Check glue by pushing on it with fingernail or tool, if glue can be moved, allow more drying time.

Apply Pad to Boat

Apply pad to the boat, press it against the glued area. Heat pad with a hairdryer 60 seconds on high heat. Press pad tight to boat.

Never use heat gun on boat.



Back Burnish

While still warm, deflate chamber and smooth boat material against back side of FlexBrace pad. This is called back burnishing and will insure good bonding.

Use a backing board if needed.

Allow **24 hours curing time before using** or folding the boat and pad.

Pedal Installation



Select correct pedal, slide it onto bar.

When ready for use, slide aluminum bar into front hole (closest to the Sea Eagle logo) with chamber deflated.





Bend the pad slightly with one hand and push the bar into its hole with the other hand. Inflating the boat will lock the bar in place.

Completed FlexBraces will look like this:



To adjust pedal for comfort and best bracing, raise pedal and slide it along the bar. Note which number the pedal locks at and match it on the other side.

To remove pedals: deflate chamber, bend pad with one hand, pull pedal with the other. Bar will slide out of the hole.

Caution! Do not bend bar when installing it or removing it from the base.





Use clips on reverse side of pedals as keepers for the bars when not in use.

Sea Eagle Boats, Inc.

1-800-748-8066

Office Hours: Monday - Friday 9 am - 5 pm Eastern Time

Email: staff@seaeagle.com