**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.

*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. Kit contains:
  - Weaver two-part adhesive for PVC Boats
  - paint brushes
  - MEK solvent
  - mixing cups

**Also Needed (not included):**

- 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 and black TBS. 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. Reseat 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**

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

Select correct pedal, slide it onto bar.
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.

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