

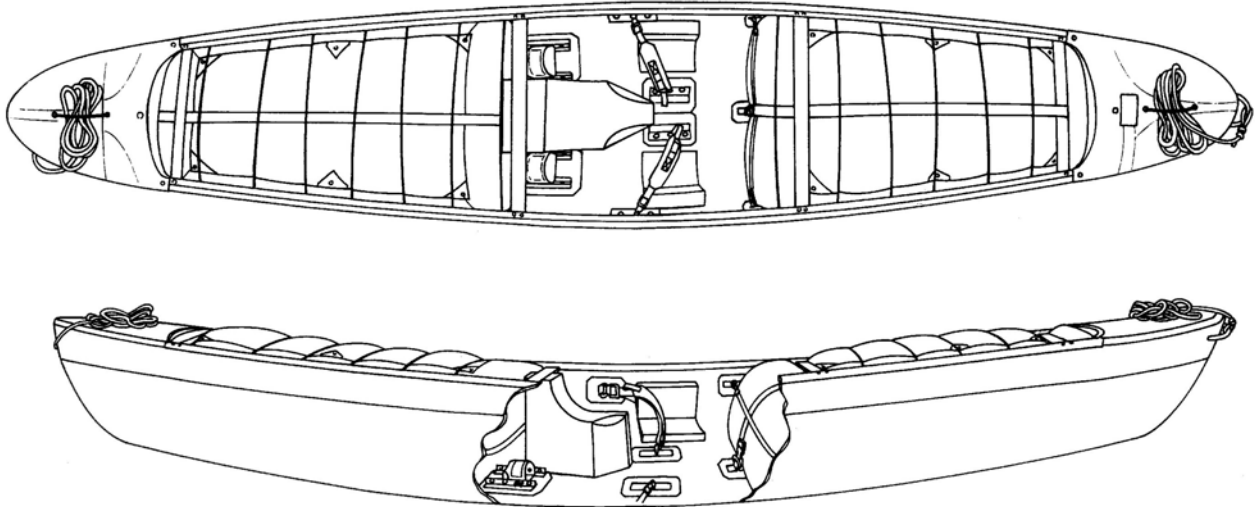
AIR BAG TIE DOWN KIT A & B

SOLO OR TANDEM CANOES

These kits are used to secure flotation bags into your canoe. Both kits contain everything you need to secure two large end bags in a solo boat, or two small bow and stern bags and one large center bag for a tandem boat.

Kit A: Lacing Eyelet hardware is included and is for boats that *do not* have factory installed eyelets.
Kit B: Lacing Eyelets hardware is not included; for boats *with* factory installed eyelets.

Installation is quite simple and should only take you about 30 minutes.



Note: Read over these instructions thoroughly. If you don't feel comfortable with any of the steps please feel free to call us or your nearest dealer.

Contents Kit A For Wood or Vinyl Gunnels

Contents Kit B

(lacing eyelet hardware included) 2 - 1" X 7' Center Straps 2 - Center Strap Anchors (1" d-ring with buckle) 2 - 1" X 3 2" End Straps 8 - End Strap 1" D-ring 28 - Lacing D-rings 28 - Stainless Screws and Washers 50 Ft. of Parachute Cord	Kit B: (lacing eyelet hardware is not included) 2 - 1" X 7' Center Straps 2 - Center Strap Anchors (1" d-ring with buckle) 2 - 1" X 3 2" End Straps 8 - End Strap 1" D-ring 50 Ft. of Parachute Cord
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For Installation You Will Need:

- Pencil or felt marker
- Mineral spirits (Toluene or MEK)
- Vinyl adhesive (Vinyl-Tec 2000 or Vinyl-bond)
- Piece 80 to 100 grit sandpaper (for Kevlar and fiberglass boats)
- Heat gun or hair dryer (optional)
- Drill and 5/64" bit
- Clean-up rag

Instructions

Note: Installation of the air bags should be done in such a way that when the air bags are fully inflated all the lines and straps keeping them in place should be fitting tight against the contours of the bag. This not only keeps them in place but reduces the chance of something snagging on the lines. See the diagram above.

Kit A

1. Determine the location of the air bag you wish to install by placing it into the boat partially inflated. Flatten down the air bag by pushing it level with the gunnels. For center bags put a mark on the gunnel where the air bag begins and ends, for solo and end bags put a mark where the bag ends. Making sure the solo bags are pulled well into the bow and stern to avoid pockets where water can collect. From those marks measure 4 to 5 inches toward the center of the bag. This will be the location of the first Lacing D-ring on the gunnel. See the above diagrams.
2. Remove the air bag and measure the distance between the two marks and determine how many D-rings you need for each side. They should be approximately 4 inches apart. Place a mark at each location. Now place the plastic tab on the Lacing D-ring on the underside of the gunnel and drill a 5/64" pilot hole into the tab and the gunnel, secure them using the screws and washers provided. Repeat using the same layout for the gunnel opposite the one you just finished.
3. To install the Center Strap Anchor, measure 2 inches toward the center of the bag from where the bag ends do the same for the other end if it is a center bag.
4. To install the D-rings for the End Straps, measure approximately 8 inches down from the underside of the gunnel. Again making sure they are placed about 2 inches in from the end of the bag. (See diagram)

Gluing down the D-rings and anchors.

This should be done in a well ventilated area.

Vinyl and ABS:

Clean both surfaces with Toluene or Methyl-ethyl-ketone.

Apply glue to both surfaces. Let dry for 15+ minutes.

Using a hair dryer or heat gun, slowly heat surfaces to reactivate glue. Join together, working from center outward to avoid trapping air bubbles. Bond is immediate. Let dry 6 to 8 hours.

Without hair dryer or heat gun, apply a thin 2 coat to both surfaces. Join together. Let dry 6 to 8 hours.

Fiberglass and Kevlar:

Roughen boat surface well with 80 grit sandpaper. Clean both surfaces with Toluene or Methyl-ethyl-ketone. Apply glue to both surfaces. Let dry 15+ minutes. Apply another coat to both surfaces. Press together working air bubbles out. Let dry 8 to 10 hours.

Caution

This product has been designed to enhance your paddling experience, but remember that, as with any other piece of equipment used in a water environment, it has its limitations, restrictions and potential dangers. It has been designed for use in water conditions that require experience and skill. We strongly urge against using this product if you do not possess the skills necessary to recognize the dangers of such conditions. Upon purchasing North Water equipment the purchaser/user assumes all risks of injury or damage to himself, herself, or others as well as loss or damage to any property. In purchasing/using these products (s)he agrees to hold harmless North Water Holdings Ltd., their officers, employees, agents, and representatives from any liability for injury or damage of any kind that may be suffered by the purchaser or others through the use of these products whether caused through negligence or otherwise.