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## 1 Installation Instructions for PakCanoe Spray Cover

The following items are needed to install the Spray Cover:

1. The Spray Cover itself is in two parts. The longest part (about 2/3 the length of the boat is the bow section).
2. 100 ft (30 m) of sturdy nylon or polyester cord.
3. PVC adhesive (glue).
4. Black PVC patches (supplied with the cover).

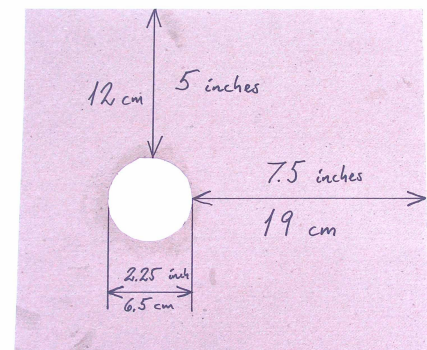
Installation procedure:



1. A cord needs to be installed along each side of the canoe all the way around the hull (see illustration). You need to glue on the black patches, and we recommend that you start at the center on each side of the canoe. The easiest way to find the center is to locate the center of the

logo. **It is easiest to install the patches before you assemble the canoe.**

2. The easiest way to place the patches correctly is to use a template (see illustration on the right). One can easily be made from a piece of cardboard. Line up the top edge of the template along the seam that closes the gunwale channel of the canoe skin. For the first patch, place the template so that the hole is directly below the center of the Pakboats logo. Follow instructions in point 3 and 4.



3. Brush a thin layer of glue onto the fabric exposed by the hole and onto the part of one black patch that will be glued to the canoe side (See illustration on right).



4. Apply the patch as shown on illustration. Note: **The loop in each patch must be horizontal.** Move the template so the top edge lines up with the seam and the side that is 7.5 inches (19 cm) from the hole touches the patch you just installed. Repeat the process with the next patch. Continue until you get to the end of the canoe skin.



Move back to the first patch you installed, flip the template over and start working towards the other end of the canoe.

Repeat the process with the other side of the canoe skin.

5. **To install the cord through the loops in the patches you need to assemble the canoe.** Pull the cord through the loops in all the patches **and through the rings at each end** of the canoe. Tie the ends together with a knot so that the cord is snug, but not very tight.

YOU ARE NOW DONE WITH THE PERMANENT INSTALLATION. THE FOLLOWING DESCRIBES LACING ON THE COVER EACH TIME YOU WANT IT ON THE CANOE.

Note: The canoe is symmetrical. The way you installed your seats determines which end is the bow and which is the stern.

### Lacing Procedure:

#### 1. General comments.

Since you will need to open the center section at times to access gear, it makes sense to lace the bow and stern sections separately. This way, 2/3 of the cover can stay undisturbed and secure while you load and unload gear.

2. To start lacing, place both sections over the canoe and connect the straps that connect them. Tighten the straps. This will hold the cover in position while you do the lacing. Before you start lacing, make sure the stiff supports across the cover in front of each cockpit are pointing up at the center (they will help deflect waves).



3. There are several ways to do the lacing. Our preferred way is illustrated below.



**a.** Attach the cord to the web loop closest to the end of the canoe. Run it down and around the cord you previously installed on the canoe hull, then back up to and through the web loop. Continue horizontally through the next web loop, down and around the cord on the hull, up and through the web loop. Continue like this until you get to the end of the spray cover section. At the end of the section, run the cord around the black patch to help keep the cover section from sliding towards the stern when it is disconnected from the bow section. Make the cord snug, but not very tight. You can make adjustments later.

**b.** Repeat **a.** above on the other side of the canoe. Tighten the cord enough to keep the cover well supported, but not drum tight. Adjust tightness side to side so the cover is centered on the canoe.

**c.** Repeat **a.** and **b.** above at the other end of the canoe, but only to the end of the black gunwale reinforcement.

**d.** Put the two cover sections together with Velcro edges as illustrated in the next two pictures below.



**e.** Lace the center section. Keep in mind that the stern paddler may need to access gear while under way. It should be possible to open the cover between sections by undoing the straps (two on top and two securing the edges to the cord that is attached to the hull), but without undoing any lacing.

When you are done, your canoe should look more or less like this:

