



13 foot rope	Anchor	Tie Down Cleat	Rivets	Pad Eye
30 foot rope				Jam Cleat
			Pulley	Washer

Kit Contents:

Quantity	Description	Part Number
2	Pad Eye	1315.0430
2	Star Rivet	1315.1567
6	611 Rivet	1315.1564
6	Backup Washer	1315.1568
1	Jam cleat	1315.0353
1	3 1/2" Tie Down Cleat	1315.0351
1	Anchor	1332.2709
1	Pulley	1315.3610
1	13' Rope	1315.0455
1	30' Rope	1315.0455

Tools Required:

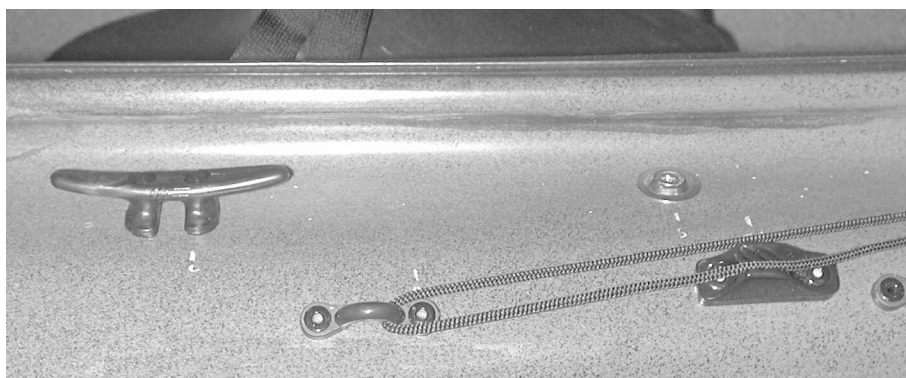
Drill	Rivet gun	Measuring tape
Scissors	3/16-inch drill bit	Masking tape

Step 1. Prepare work area

- Gather tools and place kayak in a well-lighted area. **Read completely through directions before drilling holes.** It is a good idea to temporarily tape the cleats and pad eyes in place, then try out the locations by sitting in the kayak on the ground with the paddle to make certain they do not interfere with paddling.
- Organize kit contents. **It is important to separate the two types of rivets. The two star rivets have the tiny lengthwise windows.**

Step 2. Stern Pad eye

- On top of kayak, measure 1" from stern tip and drill first hole with 3/16-inch bit. Use pad eye and rivet as a template to mark the second hole.
- Place pad eye over holes and place star rivets (with the tiny lengthwise windows) into holes.
- Pop rivets with rivet gun.



Step 3. Midship pad eye

- The second pad eye will be placed near the cockpit on the outer edge of the kayak, leaving enough room for the tie down cleat to be located so that it is easily reached. See photo above.

- Drill hole with 3/16-inch bit and the same method as above, using the pad eye and rivet as a template.
- Place the two rivets through the pad eye and holes, and place washers, one at a time, on rivets inside boat. Pop rivets in place using the rivet gun.

Step 4. Jam cleat

- **The jam cleat must be directly in line from rear pad eye to front pad eye.** You can use one of the pieces of rope, temporarily tied between the two pad eyes, to mark the location. See the photo above.
- The ridges in the inside of the cleat form an arrow. The cleat should be oriented so that arrow points to the stern, and the wide end is forward.
- Drill holes, place rivets through holes in cleat and hull, place washers onto rivets inside the hull, and pop rivets.

Step 5. Tie down cleat

- Locate the tie down cleat where it is close at hand and easily reached from the cockpit. It will be positioned about 1 ½" forward of pad eye.
- Drill holes, place rivets and washers, and pop rivets.

Step 6. Rigging the pulley line

- To assemble the pulley line, feed the 13-foot long rope through both pad eyes so the ends are facing outboard.
- Place the two rope ends parallel with about eight inches of overlap.
- Tie a barrel knot with one of the ends around the other, about 8 inches from the end.
- Slide the pulley onto the free end, and pull out slack so that the line is taught.
- Tie another barrel knot with the free end, trapping the pulley in between the knots and between the parallel lines.
- Make sure the tension is tight between pad eyes. Work excess line through the knot, if needed. Cut off excess, and melt ends to prevent fraying.



Step 7. Rigging the anchor

- Tie 30-foot line onto anchor ring with a barrel knot. Pull tight.
- Thread the other end through the pulley, tie a stopper knot, (large enough to keep the line from pulling completely through the pulley if dropped) and make fast on tie down cleat.