



# KODAMA

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## RIGGING KIT 4 INSTRUCTIONS

### Wood Beam Installation

This rigging kit is intended for wooden structural beams or other type of flat sided wooden anchors. It is not recommended for attaching to metal structural elements. (Alternatively, structural beams are sometimes wrapped with a sling. Refer to *Rigging Kit 2 - Single Tree* for a typical beam wrap installation).

#### Site Measurements Needed:

- **Size of structural beam.** If unsure, consult with a contractor or engineer to ensure beam strength for the additional load of the zome. The hanging bracket requires a minimum of 3.5 inches wide and 7 inches deep (tall). **Note:** This does not infer that a 4x8 inch beam is necessarily adequate - it depends on the existing beam loading and span. If unsure, consult with a contractor.
- **Height of the beam** off the ground, at the hanging point.

#### Kit includes:

- **Beam Bracket with (6) SDS screws**
- **Polyester Rope with Thimbled Eyes**  
(order length = branch height - 7 feet for the Large Lounger or - 6 feet for the Small Lounger, extra length is good)
- **(2) Quick Link**
- *Optional:* Swivel and extra quick link

#### You will/may need:

- Extension ladder
- 4- or 6-foot step ladder
- Impact driver with 3/8-inch socket bit **OR** Drill and 1/8-inch drill bit and ratchet with 3/8-inch socket
- Measuring tape
- Tape (electrical, masking, painters, duct - anything really)

#### Caution:

- Rigging is dangerous
- Improperly hanging a zome is dangerous
- If unsure, consult with an arborist



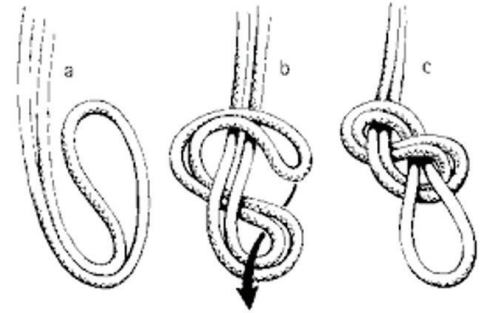


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### Assembly Instructions:

1. Align the bottom of the bracket plate with the bottom of the beam. Secure with the (6) SDS screws.
2. Using the quick link, connect the thimble-knot end of the rope to bracket, let the rope hang.
3. For the free-hanging end of the rope, measure 72 to 74 inches from the ground for the Large Lounger (62 to 64 inches for the Small Lounger) and place the middle of the extra thimble at this point - mark this point using a piece of tape. This is the center point of the "bight" in the figure-eight knot (see illustration).
4. There should be at least 20 to 30 inches of free rope below the bight. If not, you need longer rope.
5. Tie the figure-eight on a bight knot with the thimble being the center of bight.
6. Inspect the knot carefully to make sure it is tied correctly. Pull tight.
7. The bottom thimble should be approximately 82 to 84 inches off the ground for the Large Lounger (72 to 74 inches for the Small Lounger). The rope will stretch a bit, so a little higher is OK. Adjust and re-tie the knot as needed.
8. Attach the quick link to the bottom thimble.
9. You are ready to hang your zome!



*Optional:* If you are using a swivel, the taped thimble "bight" should be at 82 inches for the Large Lounger (72 inches for the Small Lounger), resulting in a finished thimble knot at about 90 inches off the ground (80 inches for the Small Lounger). Attach a quick link, the swivel, then the second quick link. The bottom quick link should be about 82 to 84 inches off the ground (72 to 74 inches for the Small Lounger).

If you have any questions or encounter any problems with installation, please give us a call or send us an email. We are here to help!

The KODAMA Team



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