



KODAMA

COMFORT IN MOTION

RIGGING KIT 3 INSTRUCTIONS

Two Trees & Two Cables

This rigging kit is intended for installations between two suitable trees, where the zome will be either centered or offset between the trees, and the tree attachment points are at roughly the same height.

Site Measurements Needed:

- Height of Tree #1 at sling attachment point (optimally 18 to 22 feet).
- Height of Tree #2 at sling attachment point (optimally 18 to 22 feet).
- Diameter (or circumference) of Tree Trunk #1 at sling attachment point.
- Diameter (or circumference) of Tree Trunk #2 at sling attachment point.
- Distance between trees at sling attachment points (optimally 20 to 30 feet).
- If site conditions require that the zome be off-centered, or the tree sling locations are at different tree heights (by more than 3 feet), the cable lengths will be different to accommodate.

For these rigging scenarios, gather as much info as you can, and let us help finish with the final dimensions and best selections for your component sizes. Pictures are great too – if you can snap a few photos, it helps us to help you.

Kit includes:

- **(2) Polyester Tree Slings**
(order length to fit your branch or beam)
- **(3) Shackles**
- **(2) Wire Ropes**
- **Polyester Rope with Thimbled Eyes**
- **Quick Link**
- *Optional:* Swivel and extra quick link



You will/may need:

- Extension ladder
- 4- or 6-foot step ladder
- Tree pruning saw
- Measuring tape
- Pliers
- Tape (electrical, masking, painters, duct – anything really)
- Pull rope (like the yellow layout lines used for foundation staking)

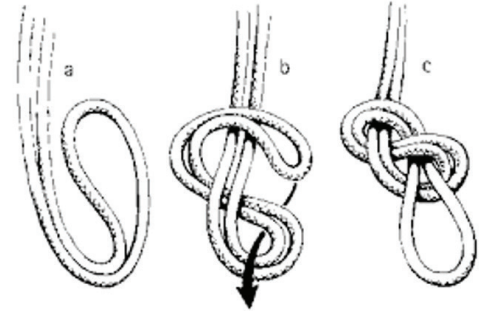


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Caution:

- Rigging is dangerous
- Improperly hanging a zome is dangerous
- Practice good safety on ladders and in trees
- Ensure selected tree is structurally sound. Anchoring point must be able to carry 1200lbs for the Large Lounger (1000lbs for the Small Lounger). If unsure, consult with an arborist.



Assembly Instructions:

1. Prune any dead or dangerous branches and clean up ground around hanging area.
2. Refer to your specific rigging design to determine which sling and wire rope goes to which tree.
3. Wrap the first tree sling around the tree and insert one end through the other in a loose choker.
4. Use the shackle to connect first wire rope to the tree sling, let the wire rope hang.
5. Wrap the second tree sling around the tree and insert one end through the other in a loose choker.
6. Two options, depending on what is easiest.
 - a. *Option 1:* You can connect the second wire rope to the second tree sling, then bring the (2) wire ropes together in the middle (as shown in the video). Though this usually requires a really tall step ladder between the trees and can be difficult for the taller installs.
 - b. *Option 2:* Using the Union Shackle, connect the (2) wire ropes and the (1) thimble eye of the rope together on the ground. Tie the pull rope to the free end of wire rope #2 (the only free end). Carry this pull rope with you as you climb the ladder to the second tree sling. When up there and stable, pull the rope and the free end of the wire rope to the tree sling, and connect with the final shackle. **Caution:** there will be a bit of force pulling on the wire rope, so use the pull rope to help. **Trick:** Run the pull rope through the eye of the sling where the shackle will go, and advance the pull rope through the sling eye. This way, you can use the sling to take the force of the wire rope, and still have your hands free to secure the shackle.
7. Now you will the Polyester Rope hanging free from the wire rope union. 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 above).
8. There should be at least 20 to 30 inches of free rope below the bight. If not, you need longer rope.
9. Tie the figure-eight on a bight knot with the thimble being the center of bight.
10. Inspect the knot carefully to make sure it is tied correctly. Pull tight.



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11. 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.
12. Attach the quick link to the bottom thimble.
13. 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). Attach the quick link to the bottom thimble.

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

