

INSTALLATION TIPS

FOR THE MAMMOTH DELUXE

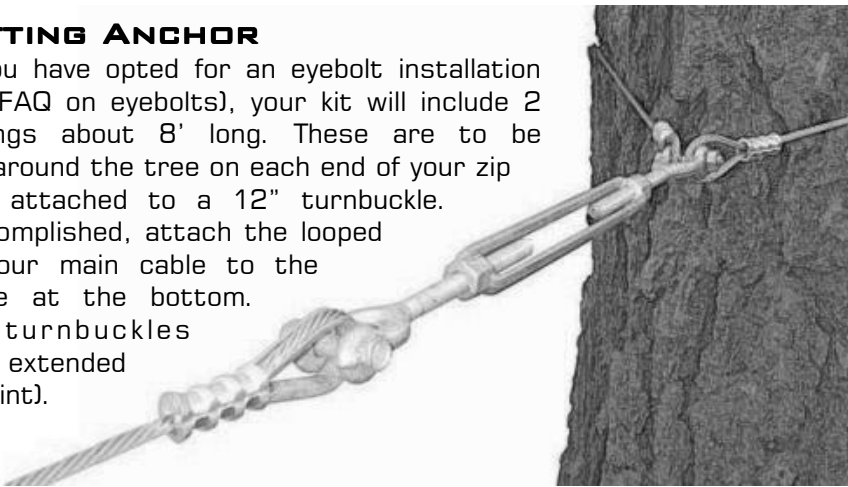
Installing a zip line tends to be more art than science, but we've put together a few tips to help get you started. We'll go over the basic mechanics of your Mammoth Deluxe zip line, and share some techniques for creating a safe, but equally thrilling ride.

THE BASICS

A zip line, simply put, is a pulley that runs across a horizontal cable. When installing a zip line of any kind, you have 3 main safety concerns— you don't want the zip line to break, you don't want to be a tree pastry at the end... and you don't want to fall off! Your Mammoth Zip Line is designed to tackle all three issues while retaining a pretty serious thrill factor. Here's how it works...

1. SETTING ANCHOR

Unless you have opted for an eyebolt installation (see our FAQ on eyebolts), your kit will include 2 cable slings about 8' long. These are to be wrapped around the tree on each end of your zip line, and attached to a 12" turnbuckle. Once accomplished, attach the looped end of your main cable to the turnbuckle at the bottom. (Both turnbuckles should be extended at this point).

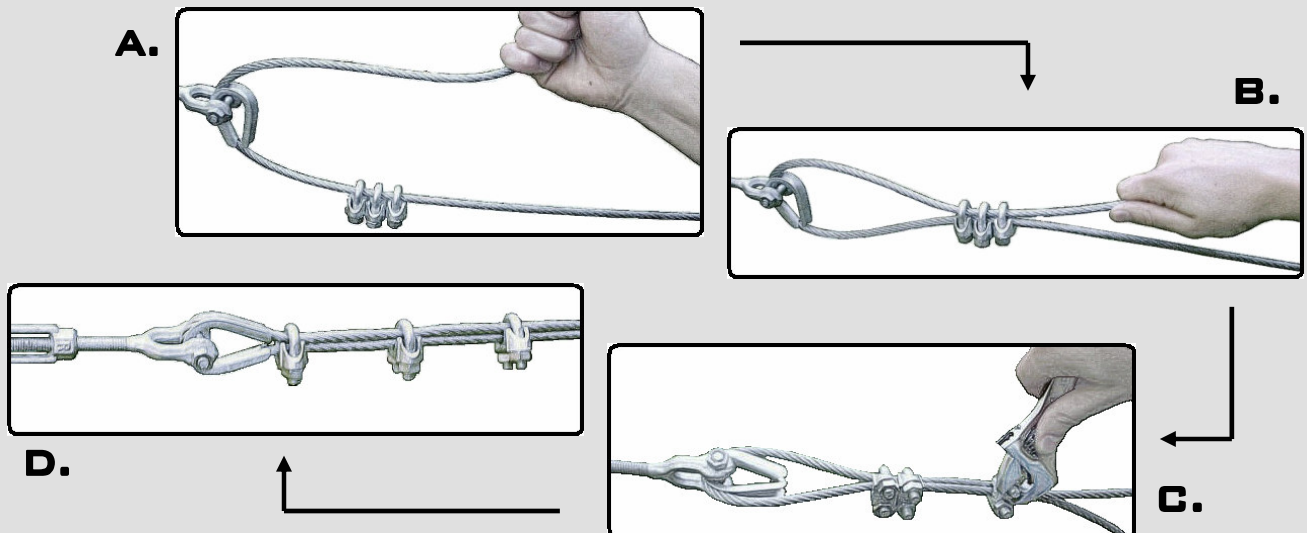


Depending on the type of tree you're anchoring to, you may need something to protect the cambium layer. You can try putting washer tubing around the cable, putting slats of woods around the backside— anything that keeps the cable from cutting into the bark over time will do.

TRY THIS OUT

2. CABLE INSTALLATION

Unwind your cable, bringing the cut end to the sling/turnbuckle assembly at the top of your zip line. Using a thimble and three cable clamps, fix the cable as shown.

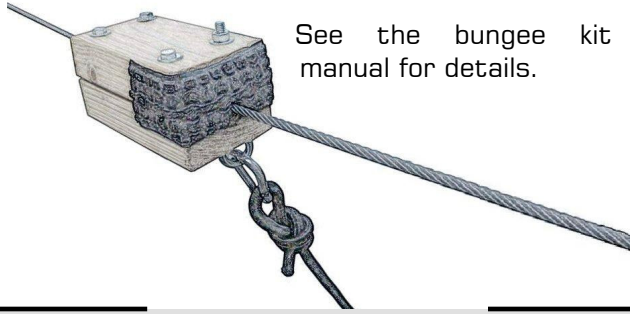


Note- In step **B**, the cable may be pulled around the thimble and through the clamps to bring the zip line to desired tension. Use the turnbuckles for further tightening or adjustment. Be sure to tighten the clamps with the u-bolt on the dead (not weight-bearing) end of the cable in step **C**.

Continued...

3. BUNGEE STOP

Once your cable is anchored and ready for riding, you will need to assemble the bungee stop—your fool-proof braking system.



See the bungee kit manual for details.

4. RIDING EQUIPMENT

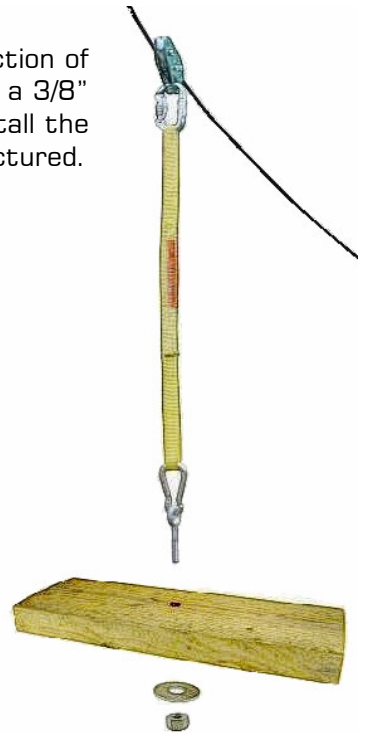
For the seat, you will need a section of 2x6 lumber about 18" long. Drill a 3/8" hole through the center and install the eyebolt (tightly). Assemble as pictured.

TROLLEY RETURN

The seat may be unclipped and taken back after each ride.

-OR TRY THIS!

A return line can be attached to the carabiner for pulling the seat back up. This line can also be used to create a swinging twister ride! Holding the line, simply pull the rider back and forth, up and down, or in sweeping circles underneath the cable! Just watch out for trees, yard obstacles... and long lines of children.



5. FINAL TUNE-UP

Before putting your zip line into action, you will need to do a weight test and then...

-check/retighten all cable clamps, bungee block bolts, and turnbuckles.

-make sure your bungee stop is sufficiently anchored to bring riders to a stop **before** reaching the end. Really.

-check for/prevent cable slippage on your anchors.

-clear the runway of obstacles, like branches and boulders and forts and bike ramps and go-carts and wood swords and stuff.

6. LET'S ROLLLL!!

It's pretty simple here on out. Sit on seat. Zip down zip line. Whoop like Tarzan to enhance thrill factor and make your neighbors jealous. Stop with bungee stop. Then do it again. And again and again. Whoohooooo.....



MAMMOTH ZIP LINES

FREQUENTLY ASKED QUESTIONS:

Q: How much should my zip line drop from end to end to get the right speed?

A: We usually shoot for an end-to-end drop that is about 5% of our running distance, and adjust from there. Your zip line speed actually has a lot more to do with cable tension than your drop from end to end, so don't worry too much about getting the perfect slope. The adjustable tension and fool-proof stopping system gives you a lot of freedom with the slope.

Q: I purchased eyebolts instead of the cable slings. How are these installed?

A: An eyebolt passes completely through the tree and has a large washer and nut fixed on the back end. The turnbuckle attaches directly to the eye.

Q: Is my zip line weather resistant?

A: Every Mammoth Zip Line is designed to withstand the elements, but there are ways to keep your zip line running for years to come. When not in use, remove all the riding hardware (trolley, carabiner, seat, etc.) and store in a dry location. The bungee cord may also be unclipped from its anchor and block to be stored away. If you really want it to last, the entire zip line can be taken down during periods of bad weather or nonuse. Simply loosen the turnbuckles until you have enough slack to pull one of the pins and drop the whole thing down. Note—do **not** remove eyebolts when storing away; this can allow pests and fungi to enter and damage your tree.

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