



AGES 8+  
WEIGHT LIMIT  
200 Lbs (90 kg)  
SLA.490P

**ZIPLINE KIT WITH SEAT INSTRUCTIONS AND SAFETY RULES READ CAREFULLY!**

**IMPORTANT! FILL IN YOUR DATE OF PURCHASE ON YOUR MAIN CABLE STICKER!**

**ITEMS REQUIRED**

**(NOT INCLUDED):**

- (1) Step Ladder
- (6) 2 In (5 cm) nails
- (1) Roll of duct tape
- (1) Pair of safety glasses
- (2) Adjustable wrenches
- (1) Pair of work gloves
- (1) 100 Ft. (30.5 m) tape measure
- (2) Helpers with brooms

**KIT CONTAINS:**

- (1) Plastic Trolley with sealed ball bearing pulleys. Non-slip hand grips.
- (1) Main Cable length varies with model, 1 /5in (5 mm) galvanized steel cable, with looped eye on one end and clear tree protection tube.
- (3) U-clamps 1/5in(5.2mm) with thread cover caps.
- (1) Seat and Rope Only included with kits with seats. Seat color varies.
- (1) Torque Wrench



**BE SAFE! ALWAYS FOLLOW THESE RULES:**

THIS PRODUCT IS INTENDED FOR USE BY CHILDREN 8+ YEARS

- To be setup and installed only by an Adult
- **WARNING!** Maximum weight 200lbs (90kg). This zipline is designed for children to ride a few feet off ground.
- Wear suitable shoes and close fitting clothing. No jewelry, scarves or other loose clothing.
- Make sure everything is installed correctly. Inspect and test the line before each use
- If worn or damaged parts are found, contact b4Adventure for replacement parts – DO NOT substitute with other ,non-b4Adventureparts or failure resulting in injury may result. To order parts: 1-844-834-4334.
- Remain seated for the entire ride, wait until you have stopped COMPLETELY before letting go of the trolley or dismounting seat. One zipline rider only at a time. Keep people and animals at least 25 ft (7.5 m) away from the zipline course.
- Never use the line when it is wet or if there is rain or lightning in the area.
- Do not place fingers or hair inside of trolley or serious injury may result.
- Do not reach up to grab cable while riding or as a spectator to slow down rider or serious injury may result.

**⚠ WARNING! ADULT STRESS TEST REQUIRED**  
- This product should be tested using 250 lbs (113 kg) at 5 ft. (150 cm) from each end at the start and finish points.

**⚠ WARNING! ADULT SUPERVISION REQUIRED! SERIOUS INJURY OR DEATH MAY RESULT** - Always exercise extreme caution when using the zipline. This product should be unpacked and assembled by an adult, including site and tree selection as well as secure cable attachment

**⚠ WARNING! MAINTENANCE REQUIREMENT** - This product has parts that can wear or loosen during use. Inspect and tighten all hardware. Replace your cable after one year of use.



## 1. CHOOSING THE ZIPLINE COURSE

USE EXTREME CARE WHEN SELECTING YOUR ZIPLINE COURSE!

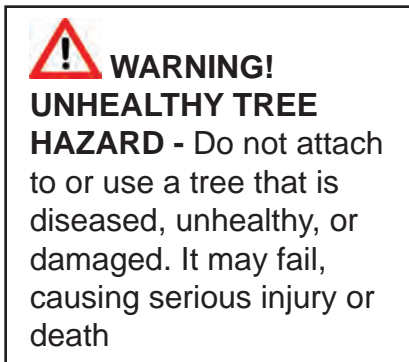
- Select a location where the whole course can be easily supervised
- Attachment trees **MUST** be healthy and at least 38 In. (100 Cm) in circumference or 12 In. (30 Cm) in diameter. Use tape measure to check this.

Note: Measure the trees at least 6 ft. (2 m) from the ground.

- Never attach to a tree showing excessive decay, cracks, exposed roots, disease, excessive lean, damage from weather or poor tree architecture. Select trees in stable, non-saturated soils (not in areas with eroding soils or in a wet area of the yard). Do not select trees in an area that has recently been cleared.
- If you are unsure of your trees' health, contact an arborist and have them assess your trees' health and suitability.

Tip: One good place to start looking for an arborist Visit: <http://www.isa-arbor.com/find-an-arborist/findanarborist.aspx>

- If you are attaching to other types of posts or poles, you must get the option of a qualified engineer as suitability of the "side load" strength is required. **QUESTIONS? Please call us at 1-844-834-4334**
- Make sure you have enough cable to reach and secure to both trees! Your long course cable should be able to touch both trees at the same time and have at least 5 Ft. (1.5 m) of extra cable left over at the Finish Point.
- Course should be free of obstacles, including but not limited to: bushes, other trees, rocks, debris, hard surfaces, or anything that could cause injury.
- Do not set course on a steep hill, as unsafe speeds may result. See SLOPING COURSE ADJUSTMENT section for more info.
- Do not set course over swimming pools, ponds, streams, rivers or any other body of water, as drowning may result.
- Do not set up in public lands, parks, or other areas that may prohibit ziplining
- Make sure there are no branches or other obstacles at the Start or Finish Point that could injure a rider.
- Do not select a course near power/electrical lines. Your course must be at least 100 ft. (30.5 m) away (or 1.5 times the height of your highest tree, whichever is the greater distance) from where any power line would fall.

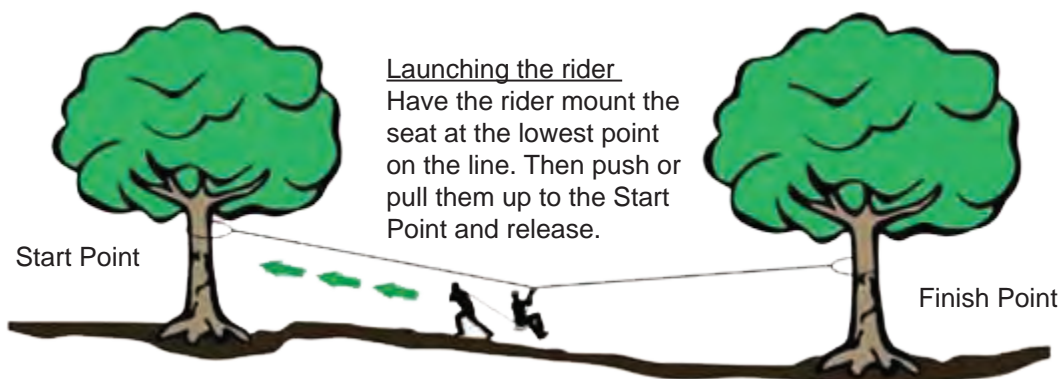




**START POINT LAUNCHING - CAUTION** The best and safest way to launch your riders, is to have them first get on the zipline seat at the **LOWEST** part of your course (where the most dipping/sagging occurs) and then tow them back up to the starting point. This method helps eliminate the need for a platform and ladder where falling accidents are most likely to occur. It is recommended that you place cushioning materials in and around your course - see [www.cpsc.gov/pagefiles/122149/325.pdf](http://www.cpsc.gov/pagefiles/122149/325.pdf)

**IF YOU CHOOSE TO USE A PLATFORM** - Your start point platform must be stable and strong enough to stand on and must be placed on a flat, level surface.

**CAUTION:** If you decide to use a zipline without a rider seat, you increase the chance of a rider losing their grip on the trolley and falling, resulting in possible injury. **USE CAUTION** in the height of your zipline course. Your riders should be as low as possible so that if they do lose their grip, they only fall a few feet to the ground. However, their feet should not drag on the ground as they ride the course.



**TO PROTECT YOUR TREE BARK FROM POSSIBLE DAMAGE-Tree Huggerz SLA.814 are available from b4Adventure (Sold Separately)**



## **2. ZIPLINE COURSE SETUP**

• **ZIPLINE COURSE SETUP GOAL:** The set up goal is to have the rider accelerate at first, then at the last third of the course, start decelerating and finish the course going slightly uphill at the end (due to dipping/sagging of the zipline and rider as they progress down the course. In most cases, the rider will roll to a stop at the end, but will then roll backwards toward the middle.



### **WARNING! SPEED HAZARD - DO NOT SET UP AN UNSAFE ZIPLINE.**

A steep zipline course or one that has too much line tension will create an unsafe, dangerous, high-speed course that could cause serious injury or death. See your zipline instructions for proper setup. It is critical that the rider will already be slowing down before they finish the course. **BE SAFE, NOT FAST!**

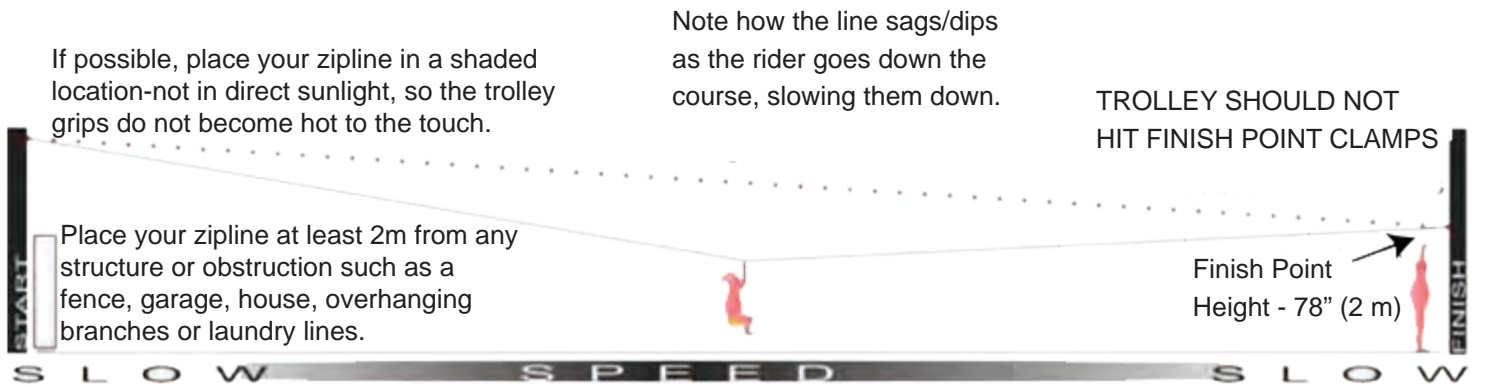


## FLAT OR LEVEL COURSE ATTACHMENT HEIGHT GUIDELINE

**General Set Up:** Start point Height for Course (space between trees)

<b>Course Length:</b>	100 Ft. (30 m)	90 Ft. (27 m)	80 Ft. (24 m)	70 Ft. (21 m)	60 Ft. (18 m)	50 Ft. (15 m)	40 Ft. (12 m)	30 Ft. (9 m)	<b>End Point</b>
<b>Initial setting: (from ground)</b>	132 In. (335 cm)	126 In. (320 cm)	120 In. (305 cm)	114 In. (290 cm)	108 Ft. (274 cm)	102 In. (259 cm)	96 In. (244 cm)	90 In. (229 cm)	<b>78 In. (198 cm)</b>

*\*This table is meant to aid set up, showing minimum heights. Adjustments for rider height and weight as well as terrain variations should be taken into consideration. At no time should the trolley hit the U-clamps at the finish point when testing. If so, lower the start point attachment height and retest.*



**ACCELERATING >>>> PEAK SPEED >>>> START TO SLOW >>>> SLOW TO A STOP <<<< ROLL BACKWARDS**

Do not add additional slope to the cable! It will not improve the ride and may create a danger to the rider.

## SLOPING COURSE ADJUSTMENT ATTACHMENT HEIGHT GUIDELINE

If the course is sloping downhill, you need to measure how much to drop in inches at ground level it is from your Start Point compared to Finish Point and then subtract that from your starting point height. For example: Your course is 80 Ft. (24 m), and you estimate the ground level drop is 24 In. (60 cm), you would need to set your Start Point height at 96 In. (2.5 m) (120 In. less 24 In.) (3 m less 50 cm). See chart for the maximum you can REDUCE your Start Point height. (NEVER HAVE YOUR START POINT LESS THAN 78 IN. (2 m) FROM THE GROUND).



## SLOPING COURSE ATTACHMENT HEIGHT GUIDELINE

**General Set Up:** Start point Height for Course (space between trees)

Course Length:	100 Ft.	90 Ft.	80 Ft.	70 Ft.	60 Ft.	50 Ft.	40 Ft.	30 Ft.	End Point
	(30.5 m)	(27 m)	(24 m)	(21 m)	(18 m)	(15 m)	(12 m)	(9 m)	

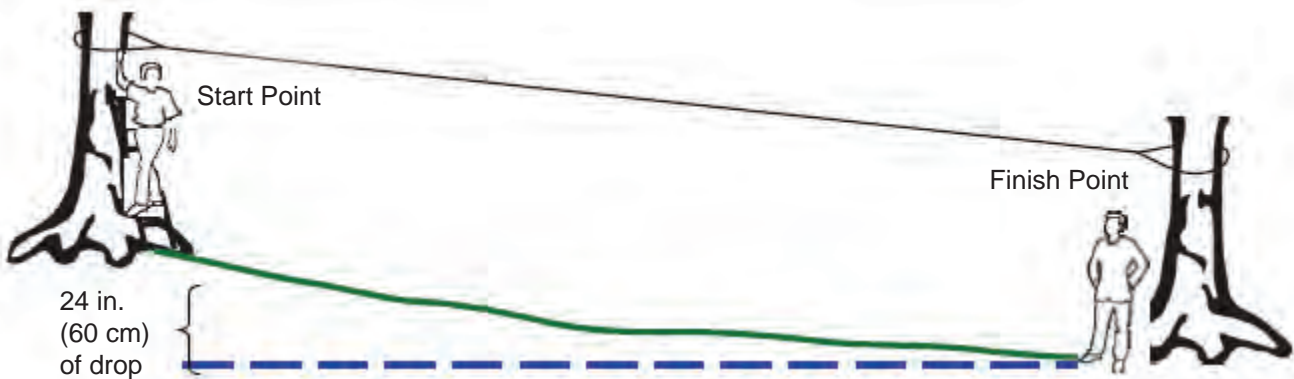
### Initial Set Up

Start Point (In.):	132 In.	126 In.	120 In.	114 In.	108 Ft.	102 In.	96 In.	90 In.	78 In.
	(335 cm)	(320 cm)	(305 cm)	(290 cm)	(274 cm)	(259 cm)	(244 cm)	(229 cm)	(198 cm)

### Maximum Slope

Height Reduction:	54 in.	48 In.	42 In.	36 In.	30 In.	24 In.	18 In.	12 In.
	(137 cm)	(122 cm)	(107 cm)	(91 cm)	(76 cm)	(61 cm)	(46 cm)	(30 cm)

*\*Every course is different, examine the course clearances so the riders feet do not drag near the end of the course*



### 3. ATTACHING YOUR ZIPLINE

The installation should only be performed by an adult and in accordance with these instructions. Your course cable comes with protective tubing for the bark of your tree.

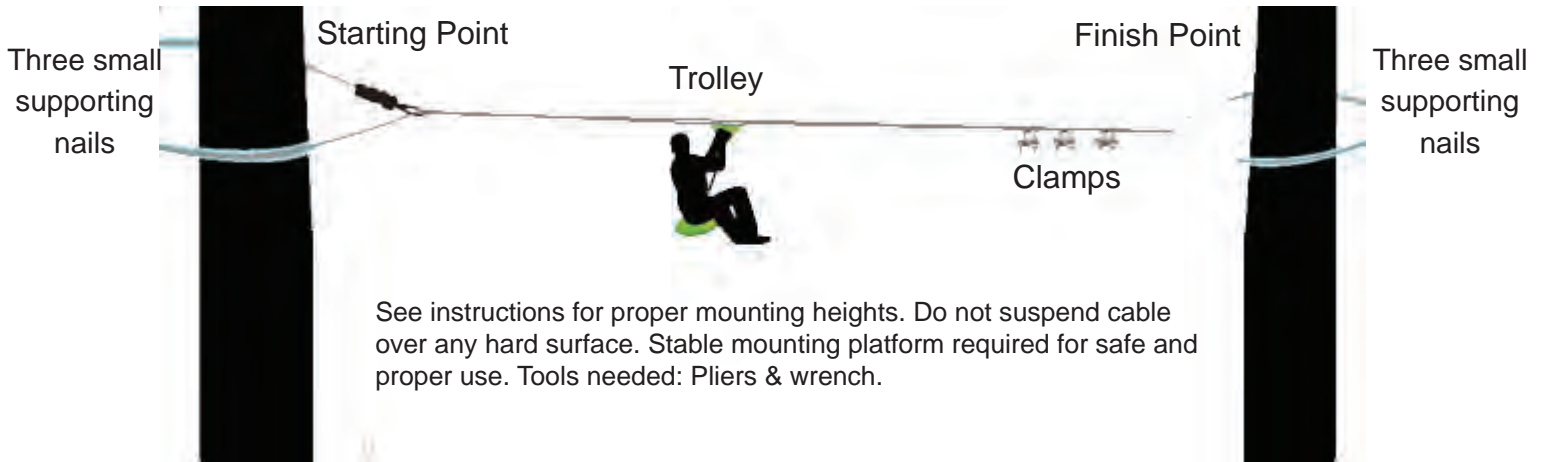
• **STEP 1:** Take the main cable and wrap the looped end around your Start Point tree (Figure 1) and thread the un-looped end and the rest of the cable through the looped eye and set at a height from the guideline on page 3.

• Install Tip Option: Determine your Start Point and Finish Point heights. Use three of the six small nails (spaced 2 In. apart) for each tree to keep the cable from slipping down the tree during installation.

Note: Do not put the nails into or through the cable.

• Thread the cable, using the blunt, un-looped end through the trolley (Figure 2) between the two pulleys and the grip bar. Now wrap the un-looped end around your Finish Point tree at the initial finish point height of 78 in. (2 m) and rest the cable on the three small nails - see tip above.

# slackers ZIPLINE



**STEP 2:** U-Clamp installation - Have your helping friends use their brooms to lift and support the trolley and cable while you perform the installation. This will help you pull out the slack and attach your U-Clamps.

when you wrap your zipline around the Finish Point tree, you want to form a “tear drop” shape wrapped around the tree - see Figure 3 on next page. **DO NOT TIGHTEN UP AGAINST THE TREE!**

- With two helpers supporting the trolley and cable, pull the wrapped cable as tight as you can with your hands. While holding tight with one hand attach the first U-Clamp and tighten slightly - 2 ft. (60 cm) from tree
- Repeat the above until you removed as much slack by hand as possible. Then tighten the first U-Clamp to 30 lbs (40 Nm) of torque, or as snug as you can with hand tools. **DO NOT OVER-TIGHTEN.**
- Tidy up your excess cable by simply coiling it up and securing and covering the coil with duct tape.



## **WARNING! CHOKING HAZARD**

This product contains small parts. Do not allow children under 3 years of age near the parts or assembly area.

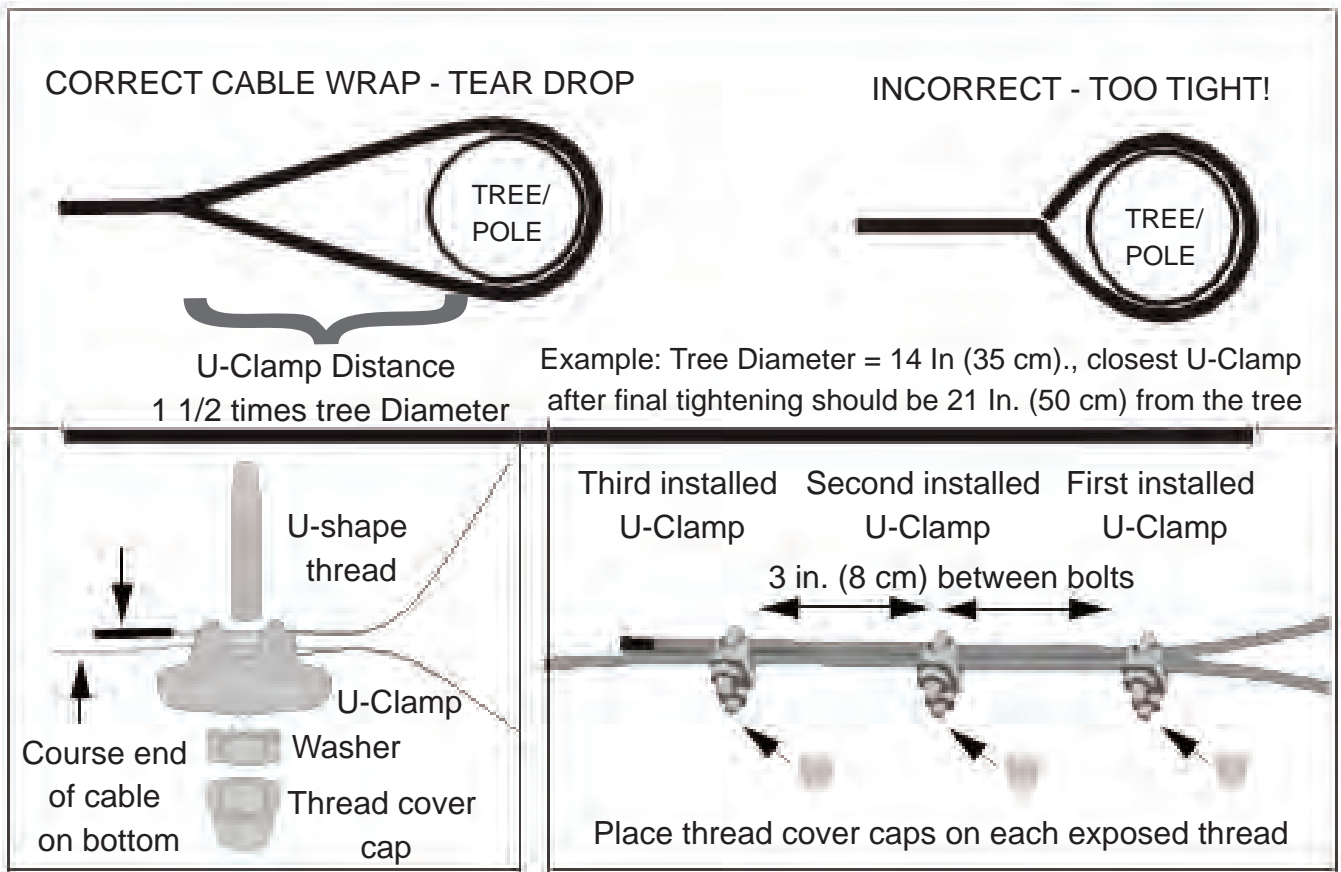


Figure 3

- Use your tightening tool to make sure everything is secure





**5. MANDATORY TESTING**

When your course setup is complete, before rider takes the first ride, you **MUST** perform 2 important tests.

**A - Stress Load Test:**

Test your installation at 5 ft. (1.5 m) from each end of the cable, one of 2 ways


- Suspend 250 lbs (113 kg) from the rope attached to the trolley

OR

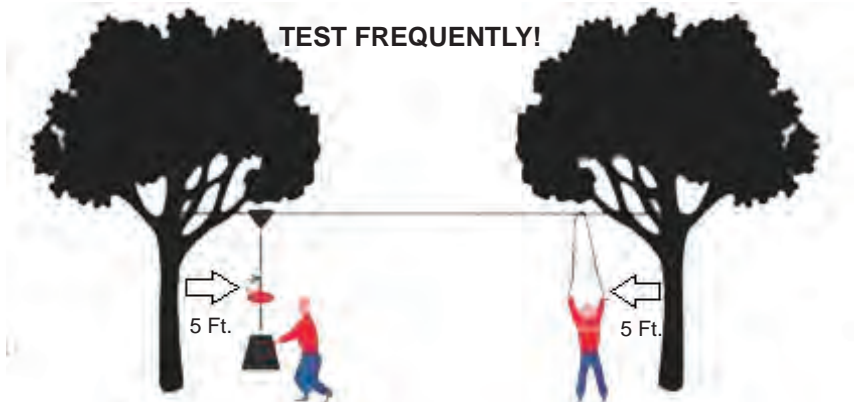
- Throw a rope over the cable and have a 250 lbs (113 kg) person lift their weight off the ground.

Note: Look and listen for any issues. This will ensure that the attachment structure and cabling is stable and secure.

**DO NOT EXCEED 250 lbs (113 kg) FOR THE TEST.**



**WARNING! ADULT STRESS TEST REQUIRED**  
 - This product should be tested using 250 lbs (113 kg) at 5 ft. (150 cm) from each end at the start and finish points.




Test at 5 ft. (1.5 m) from each end by attaching 250 lbs (113 kg) OR hanging with a rope as illustrated

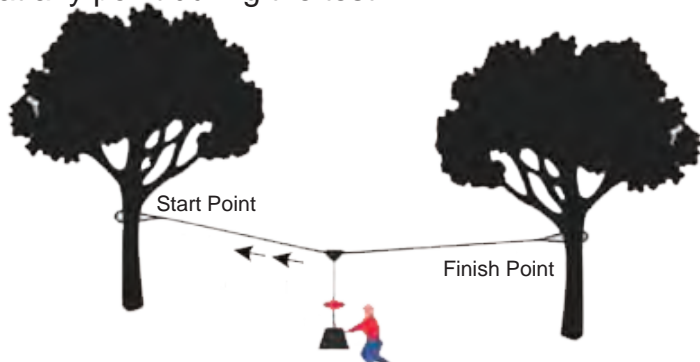
**B - Course Speed Test:**

- The test weight should never hit the finish point U-Clamps!
- With the 250 lbs (113 kg) weight attached to the trolley, launch the trolley down the course. The test weight should slow down past the midpoint as the sag or dip in the cable comes into play. It should continue to slow down and come to a gentle stop just short of the first U-Clamp. If the test weight hits the U-Clamp, adjust the cable tension (loosen the U-Clamp and pull tighter), or if more speed reduction is required, adjust attachment heights: raise Finish Point or lower Start Point. **BE SAFE, NOT FAST!**
- **REPEAT TEST 5 TIMES!** This test helps stretch out the cable.

Note: Weight should not drag on the ground at any point during the test.



**WARNING! ADULT SPEED TEST REQUIRED -**  
 The zipline course speed should be tested using a 250 lbs (113 kg) weight hung from the trolley to check course speed.



Push weight to Start Point and release. Be Careful to stay out of the way





## 6. FINAL TUNING

- After the Course Speed Test, your zipline cable may “stretch” slightly (this is normal) and require some additional tightening by loosening your U-Clamps, pulling the slack out (Remember to have your 2 helpers with brooms lift and support the cable and trolley while you are pulling out the slack) and then re-tightening the U-Clamps
- Check the tightness of all nuts and bolts of all clamps and the trolley.
- Always walk the area and remove any rocks, debris, or other objects that might cause harm to the rider. NEVER assume that the course is clear, check it before each use.
- If you have extra cable at the end of your setup you must either coil up carefully the extra cable and clamp and place a piece of tape on the cut end to prevent possible injury.
- Check the rope knot on the bottom of the seat and make sure the knot will NOT pull through the seat.
- Check the trolley grips and make sure they do not slip or twist.
- ALWAYS MAKE SURE YOUR RIDERS KNOW AND FOLLOW THE RULES AND INSTRUCTIONS!

**IMPORTANT: FILL IN YOUR DATE OF PURCHASE ON YOUR CABLE STICKER!  
REPLACE MAIN CABLE EACH YEAR**

### **WARNING!**

#### **MAINTENANCE REQUIRED -**

This product has parts that can wear or loosen during use. Tighten all hardware and inspect all components for wear. Check grips for loosening. Replace with only b4adventure parts.



### **WARNING! WIRE**

**ROPE/CABLE WEAR -** Wire rope/cable will FAIL if misused, abused, worn-out, or damaged. DO NOT use rope-cable that is damaged or worn out. Replace with only b4adventure parts.

## QUESTIONS OR SET UP ISSUES?

Contact our support team at: [info@B4Adventure.com](mailto:info@B4Adventure.com)

### BACKUP BRAKING SYSTEM

- Your Slackers Zipline may include our Spring brake, If not, you can go online to purchase our SLA.702 Zipline brake kit which is over 5ft of powder coated steel that can be added to your line prior to installation for a safe and easy ending point.

### **WARNING! -**

NEVER use a brake system that stakes into the ground, as it can become a dangerous projectile.





## **8. MANDATORY MAINTENANCE**

- REPLACE YOUR ZIPLINE SLING CABLE AND COURSE CABLE AFTER EVERY 12 MONTHS OF NORMAL USE!
- SAFETY FIRST! CHECK YOUR INSTALLATION BEFORE EACH USE.
- LOOK AT YOUR HARDWARE! REPLACE IF YOU SEE ANY OF THE FOLLOWING CONDITIONS:

### CABLES



#### FRAYED

Cable strands visible & unraveling



#### CRIMPED

Gaps in the strands where the cable was crimped



#### RUST/Discoloration

Cable is rusty, orange, weathered or dull

### GRIPS



#### TROLLEY GRIPS

Check for looseness, peeling, or other deterioration

- **Take down your zipline cable when not in use for long periods of time, this will help prevent rusting of the cable and unsupervised usage.**
- Bring the rope and swing inside when the temperature drops below 32° F (0° C).
- Store your zipline cable, parts and these instructions in the clear bag provided so you will have them handy the next time you set up your zipline course.
- **BEFORE EVERY USE:** check the anchor points, trolley, steel line, ropes, knots, trolley grips, support, and all connections for any looseness, damage, deterioration, excess wear, rope fraying, breaks or sharp edges and replace as necessary.
- **Use only b4Adventure replacement parts.**

### **TWICE A MONTH DURING PLAY SEASON:**

- Rake and check depth of loose fill or protective surfacing materials to prevent compaction and to maintain appropriate depth. Replace as necessary. **See Public Playground Safety Handbook: visit [www.cpsc.gov/pagefiles/122149/325.pdf](http://www.cpsc.gov/pagefiles/122149/325.pdf)**

### **ONCE A MONTH DURING PLAY SEASON:**

- Check all moving parts, including seat, rope, and hardware for wear, rust, or deterioration.
- Lubricate all metallic moving parts.
- Perform the Stress Load and Course Speed Test
- Check the cable connection heights to make sure they have not slipped or changed height.

### **AT THE END OF PLAY SEASON OR WHEN TEMPERATURE DROPS BELOW 32° F (0° C)**

- Take down your entire zipline setup and store indoors.
- Inspect all parts for wear/damage. Replace before next season of use.



Adjust rope so rider's head is below trolley

Figure 1

## **7. RIDER INSTRUCTIONS - REVIEW WITH ALL RIDERS!**

- Only one rider at a time
- Do not move in front of, behind, or in close proximity to a moving rider.
- The best and safest way to launch your riders is to have them first get on the zipline seat (or grip the trolley handle) at the lowest part of your course (where the most dipping/sagging occurs) and then tow them back up to the Start Point and then carefully release them.
- Hold the trolley handles tightly while the zipline is in motion.
- Mounting the seat, simply slide the seat between your legs then grab onto the trolley grips and you are ready for launching!
- Rider must remain seated - no standing, kneeling, or other position.
- Dismounting the seat: wait until you have come to a complete stop. Grab onto the rope in-between the trolley and the seat. While holding onto the rope.
- Adjusting the seat height: Riders head should always be below the trolley. Slide the excess rope through the lower loop of the figure-8 rope adjuster, then pull the slack through on the other side of the upper loop of the adjuster (Figure 1).
- Make certain that the rider's head is well below the trolley by adjusting the rope and seat. Or if your kit has no seat, hold the trolley with arms extended, keeping the head below the trolley (Figure 2).
- Adult supervision required at all times.
- Check the grips to make sure they are tight and not loose.
- Do not let bystanders pull or push riders down the course, as this could cause dangerous speed, resulting in serious injury.
- Riders should have clean, dry hands before gripping the trolley handles.
- Keep pets away from the zipline course at all times
- To avoid spinning on the seat, instruct rider to keep a firm grip on the trolley until they finish riding and are dismounting.
- Instruct children to remove their bike helmet or other sports helmet before using the zipline.
- Owners shall be responsible for maintaining the legibility of warning labels.
- Do not allow children to wear inappropriate items, including, but not limited to: loose fitting clothes, hood and neck drawstrings, scarves, cord-connected items, capes or ponchos. These items can cause strangulation hazard.
- Instruct children not to attach items to the zipline equipment that are not specifically designed for use with the equipment, including, but not limited to: jump ropes, clothes line, pet leashes, cables and chains. These items may cause strangulation hazard.
- Instruct children to dress with well-fitting and full-foot enclosing footwear. Examples of inappropriate footwear are clogs, flip flops, and sandals.

**GO OVER THESE RULES EVERY TIME THE ZIPLINE IS USED.  
BE SAFE, NOT FAST!**



Figure 2



**⚠ IMPORTANT PRODUCT DISCLAIMER AND NOTICE**

Activities involving the installation and use of ziplines are inherently hazardous by their nature. Poor installation, poor sight selection, inadequate rider instruction, poor adult supervision or improper use can cause severe injury or death.

**WARRANTY: 1 year from date of purchase for parts and workmanship. The buyer, installer and user of the zipline MUST:**

- Read, understand and follow the installation instructions and safety rules.
- Ensure proper oversight, supervision and instruction of others on the safe use and operation of the zipline.
- Ensure that all equipment is properly installed, used, inspected and maintained before each use.
- Before each use, check to see that obstructions and hazards are removed from the zipline path and that all non-users are a safe distance from course.
- Avoid taking risks

**The buyer, installer, and user of this product assume all risk and accept all responsibility for any damage or injury, including death, that may arise from the use of the RIPLINE Zipline.**

**BE CAREFUL AND HAVE FUN OUTDOORS!**

**REPLACEMENT CABLE PARTS - TO ORDER**  
**CALL 1-844-834-4334 OR VISIT B4ADVENTURE.COM**  
25% Cable Replacement Discount Code: **b4replacement**

<b>Item Number</b>	<b>Description</b>
SLA.C005.....	5 ft. (1.5 m) Sling Cable
SLA.C010.....	10 ft. (3 m) Sling Cable
SLA.C012.....	12 ft. (3.5 m) Sling Cable
SLA.C065.....	65 ft. (20 m) Course Cable
SLA.C085.....	85 ft. (26 m) Course Cable
SLA.C095.....	95 ft. (29 m) Course Cable

CPSC and ASTM - The components in this product comply with U.S. CPSC and ASTM safety standards for toys ages 8+