



RIP.904/905

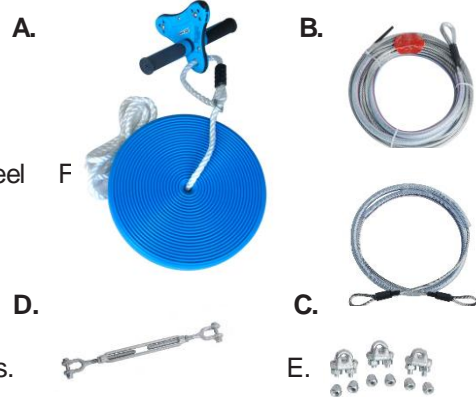
ZIPLINE KIT WITH SEAT INSTRUCTIONS AND SAFETY RULES READ CAREFULLY!

Thank you for your purchase of the RIPLINE™ ZIPLINE! This product was engineered to provide safe fun for ages 8 to 14 years when the instructions and rules are followed. For best and safe results please read and follow all instructions carefully when installing and riding your RIPLINE™ ZIPLINE. Obey all safety rules at all times.

IMPORTANT: FILL IN YOUR DATE OF PURCHASE ON YOUR MAINCABLE STICKER!

KIT CONTAINS:

- A. (1) Trolley with sealed ball bearing pulleys. Non-slip hand grips.
- B. (1) Main Cable length varies with model, 3/16in (.48cm) galvanized steel cable, with looped eye on one end.
- C. (1) Sling Cable 5ft. (1.53m), 3/16in (.48cm) steel cable w/looped eye.
- D. (1) Turnbuckle 6in (15.24cm) Steel w/ 2 eye bolts & nuts.
- E. (3) U-clamps 3/16in(.48cm) with thread cover caps.
- F. (1) Seat and Rope Only included with kits with seats. Seat color varies.



(1) Instructions

Items Required (Not Included):

- | | |
|----------------------------|----------------------------|
| 1) Step ladder | 6) (2) Adjustable wrenches |
| 2) (6) 2 inch nails | 7) Pair of work gloves |
| 3) Ducttape | 8) 100 ft. Tape measure |
| 4) (2) Helpers with brooms | 9) Torque Wrench |
| 5) Pair of safety glasses | |

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

1. BE SAFE! ALWAYS FOLLOW THESE RULES

THIS PRODUCT IS INTENDED FOR USE BY CHILDREN 8-14 YEARS OLD

- To be setup and installed only by an Adult.
- Adult supervision is required at all times.
- Maximum weight 150lbs (68kg). 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-b4Adventure parts 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 25ft (7.62 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.
- For outdoor use ONLY!

⚠ WARNING: UN-HEALTHY TREE HAZARD - Do not attach or use a tree that is diseased, damaged, or not healthy and stable. Improper tree selection may cause product failure and serious injury or even death.

⚠ WARNING: ADULT STRESS TEST REQUIRED - This product should be tested using 250 LBS (113 kg) at 5 feet (152 cm) from each end at the Start and Finish Points.

⚠ 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.



b4 Adventure 4040 Holly Street Unit 10 • Denver Colorado 80216 • 1-844-834-4334
QUESTIONS? info@RIP-LINE.com • www.RIP-LINE.com/help-center/ 303-339-0482 - DC:061316



www.b4adventure.com

2. CHOOSING THE ZIP LINE 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 be at least 38 inches (97cm) in circumference or 12" (31cm) in diameter. Use tape measure to check this.
Note: Measure the trees at least 6 feet up from ground level.
- Never attach to a tree showing excessive decay, cracks, exposed roots diseases, 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 been recently cleared.
- If you are unsure of your tree's health, contact an arborist and have them assess your tree's health and suitability.

38 inches
circumference
or more



WARNING: UN-HEALTHY TREE HAZARD - Do not attach or use a tree that is diseased, damaged, or not healthy and stable. Improper tree selection may cause product failure and serious injury or even death.

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

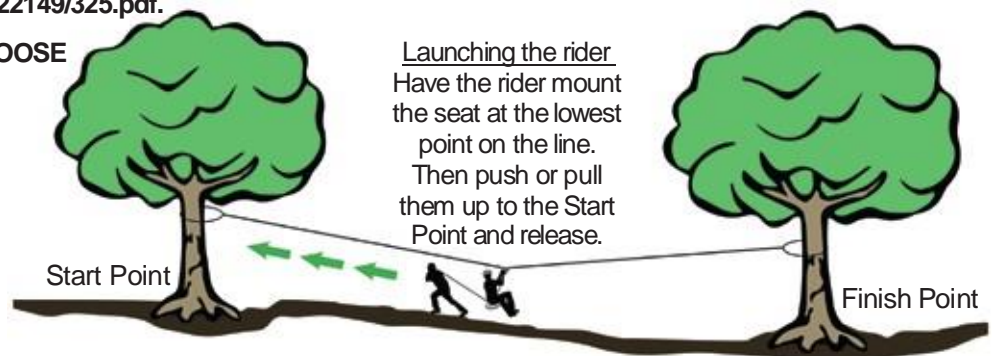
- If you are attaching to other types of posts or poles, you must get the opinion of a qualified engineer, as suitability of the 'side load' strength is required. **QUESTIONS? Please call us at 1-844-834-4334.**
- Make sure you have enough cable to reach and secure to, both trees! Your long, course cable should be able to touch both trees at the same time, and have at least 5 feet of extra cable left over at the Finish Point.
- Course should be free of obstacles: bushes, other trees, rocks, debris, hard surfaces or anything that could cause injury.
- Do not setup course on a steep hill as unsafe speeds may result. See Sloping Course Adjustment Section.
- The longest zipline kits we sell are for 100' maximum courses length. b4Adventure does not sell longer kits as the starting height is too high for rider's starting height.
- Do not setup course over swimming pools, ponds, streams, rivers or any other bodies of water as drowning may result.
- Do not setup in public lands, parks or other areas that may prohibit ziplining.
- Make sure there are not branches or other obstacles at the either the Start or Finish Point that could injure a rider.
- Do not select a course near power/electric lines. Your course must be at least 100 feet away (or 1 1/2 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 Public Playground Safety Handbook: Visit www.cpsc.gov/PageFiles/122149/325.pdf.**

IF YOU ARE STILL GOING TO CHOOSE TO USE A PLATFORM:

Your start point platform must be stable and strong enough to stand on and on level flat 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. Their feet should not drag on the ground as they ride down the course.

PROTECTING YOUR SETUP TREES:

If you would like even greater protection, the Tree Huggerz kit (SLA.481) is also available from b4Adventure (sold separately).



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3. ZIPLINE COURSE SETUP

ZIPLINE COURSE SETUP GOAL - The setup goal is to have the rider accelerate at first, then at the last third of the course start decelerating and finish the course actually going slightly uphill at the end, due to "dipping" or "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 towards the middle.

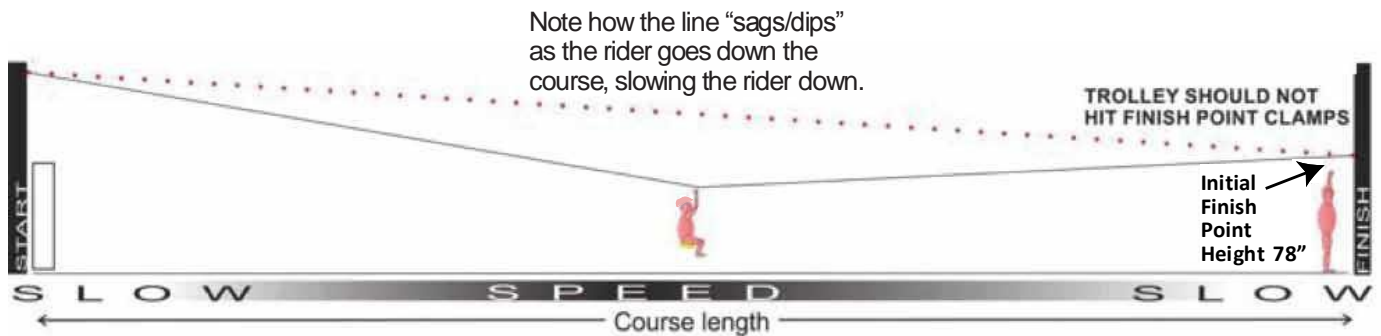
⚠ WARNING: SPEED HAZARD - DO NOT SET UP AN UNSAFE ZIPLINE.

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!**

FLATOR LEVEL COURSE ATTACHMENT HEIGHT GUIDELINE

General Set up:	Start Point Height for Course (space between trees)								Height to set
Course length ->	100 ft.*	90 ft.	80 ft.	70 ft.	60 ft.	50 ft.	40 ft.	30 ft.	End Point
Initial Setting -> (from ground)	132 in.	126 in.	120 in.	114 in.	108 in.	102 in.	96 in.	90 in.	78 in.

**This table is meant to aid setup 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.*



As the rider goes down the course:

Accelerating>>>>**Peak Speed**>>>>**Starting to Slow**>>>>**Slowing more**>>>>**Slow to a STOP Roll backwards slightly**

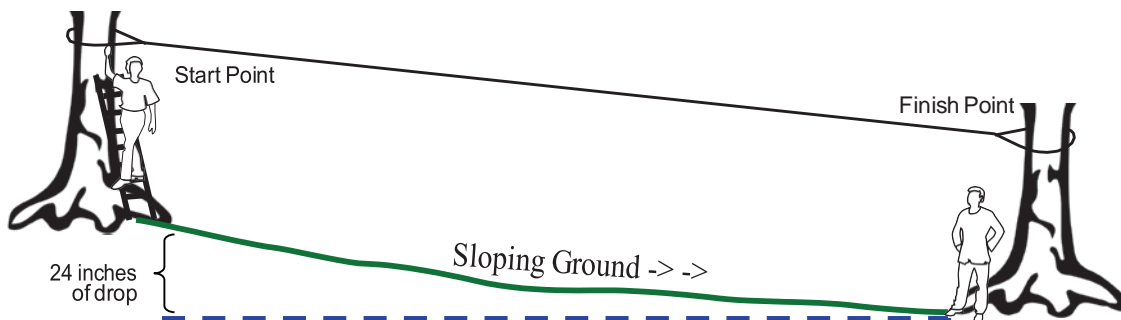
Do not add additional slope to the cable! It will not improve the ride and may create a danger to the rider.

SLOPING COURSE ADJUSTMENT ATTACHMENT HEIGHT GUIDELINE

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

Course length (Feet):	100 ft.	90 ft.	80 ft.	70 ft.	60 ft.	50 ft.	40 ft.	30 ft.
Initial Setup Start Point Height (Inches):	132 in.	126 in.	120 in.	114 in.	108 in.	102 in.	96 in.	90 in.
Maximum Slope Height Reduction Allowed (Inches):	54 in.	48 in.	42 in.	36 in.	30 in.	24 in.	18 in.	12 in.

Every course is different, examine the course clearances so the rider's feet do not drag near the end of the course.



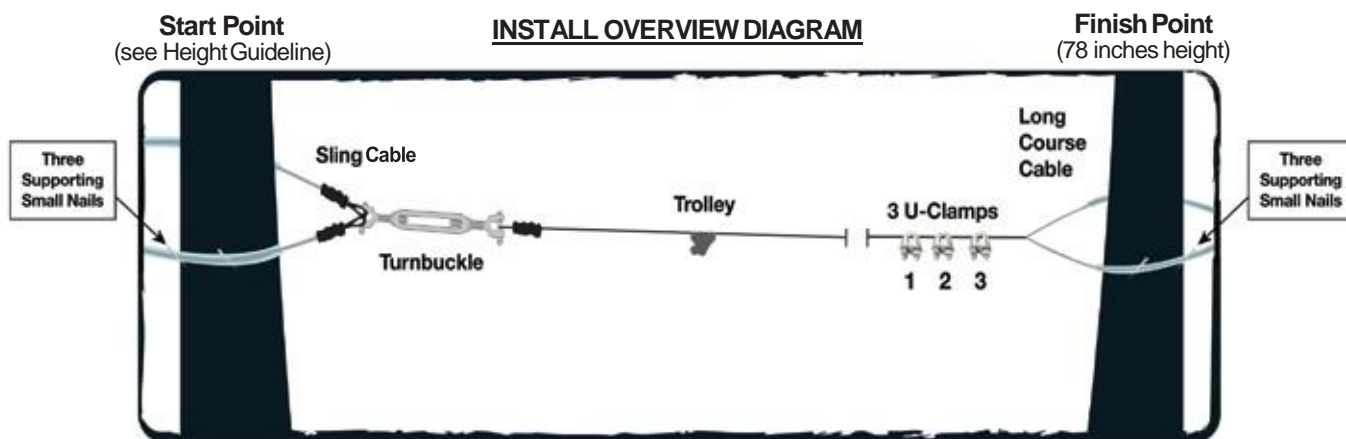
4. ATTACHING YOUR ZIPLINE

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

Step A: Loop Sling cable around the Start Point Tree.

Note: If Start Point tree's diameter is too big, you can reverse the setup so the sling cable is at the finish point. For a longer sling cable, contact b4 Adventure at 1-844-834-4334 or visit www.slackersline.com/accessories.

- Install Tip Option: Determine your Start Point and Finish Point heights, use three of the six small nails (spaced 2 inches 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.
 - Fully extend the turnbuckle and attach one turnbuckle end to the sling cable ends with the nut and bolt-See Install Overview Diagram.
- Take the looped eye end of the main cable and attach it to the other end of the turnbuckle (with the nut and bolt).

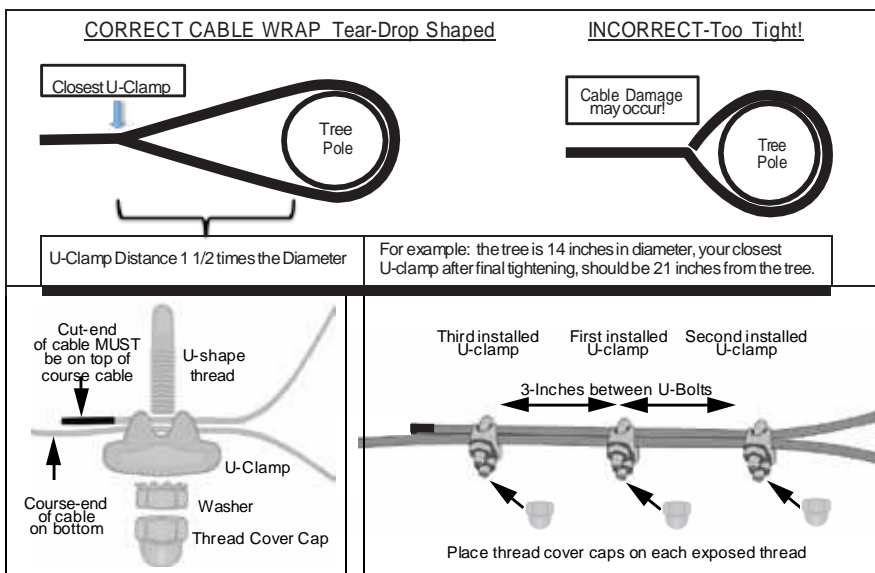


- Unwind the course cable along the zipline course removing any twists.
- Thread the cable through the trolley, below the two trolley bearings and above the grips shaft.
- Wrap the un-looped end around your Finish Point tree (letting the cable rest on the three small nails).

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

Step B: 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 finishing point tree, you want to form a "tear drop" shaped wrap around the tree-See illustration below. Do not tighten up tight against the tree!

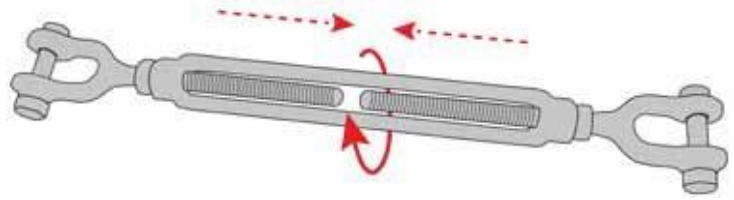
- With two helpers supporting the trolley and cable, pull the wrapped cable as tight as you can with your hands. While holding tight with one hand attach the first u-clamp and tighten slightly, 2' from tree
- Repeat the above until you removed as much slack by hand as possible. Then tighten first U-clamp to 30 foot pounds of torque, or as snugly as you can with hand tools. Do not overtighten!
- Tidy up your excess cable by simply coiling it up and securing and covering the coil with duct tape.



5. TIGHTENING YOUR ZIPLINE

Using the turnbuckle to tighten - Inspect your initial installation work carefully and thoroughly. The zipline cable can hold weight many times that of most riders. The loops, u-clamps and attachment trees are the most likely to fail, if not assembled correctly, and therefore should be inspected extra carefully and often.

- Tune the zipline by tightening turnbuckle, by twisting the center section of it.
- Tighten the line until it "appears" to be nearly level or straight. **DO NOT OVERTIGHTEN.**
- You can now remove your six small nails used to hold the cables in position during installation.



6. MANDATORY TESTING YOUR ZIPLINE INSTALLTION

When your course setup is complete and before a rider takes the first ride you must perform two important tests.

- A - Load Stress test
- B - Course speed test

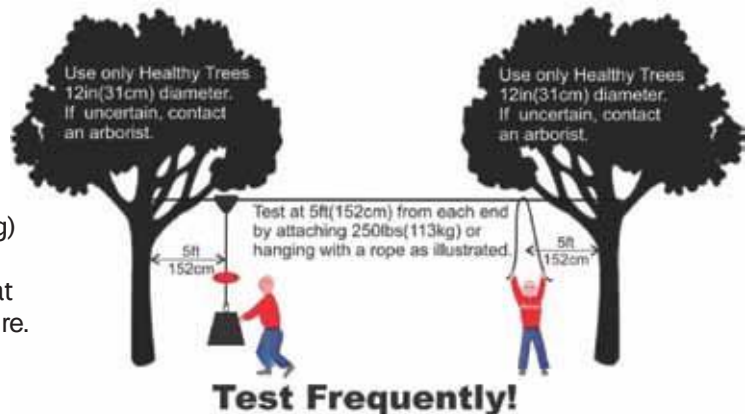
⚠ WARNING: ADULT STRESS TEST REQUIRED -
This product should be tested using 250lbs (113kg) at 5 feet (152cm) from each end of the cable at the Start and Finish Points.

⚠ 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.

A - Load Stress Test

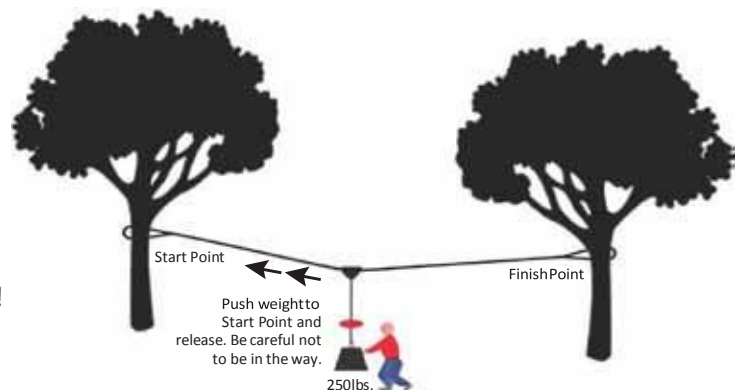
Test your installation at 5ft (152cm) from each end of the cable, one of two ways.

- Either suspend 250lbs (113kg) from the rope attached to the trolley OR
- Throw a rope over the cable and have a 250LBS(113kg) 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.**



B-Course Speed Test

The test weight should never hit the Finish Point U-clamps! With the 250 lbs (113kg) weight attached to the trolley, launch the trolley down the course. The test weight should slow down past the midpoint as the sag or dipping 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, simply adjust the cable tension (loosen the turnbuckle) 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 cable. Note: Weight should not drag on the ground during the test.



7. FINAL TUNING

- After the Course Speed Test, your zipline cable may “stretch” a little (which is normal) and require some additional tightening by using your turnbuckle.
- Check the tightness of all nuts and bolts of all clamps, the turnbuckle and the trolley.
- Always walk the area and remove any rocks, debris or objects that might harm the riders. 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 tape or cover it so no rider can become entangled in it, OR cut off the extra cable just after the last U-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 ALL INSTRUCTIONS.

BACKUP BRAKING SYSTEM Bungee Brake Kit (SLA.483)

is available as a separate item. If you set up your zipline properly, this kit is not required, but is intended as a course safety backup. DO NOT use a ground stake to secure a bungee brake system as it can become a projectile and cause serious injury or death to riders or bystanders. Follow the instructions included with the system.



**WE ARE HERE TO HELP YOU!
IF YOU HAVE ANY QUESTIONS ABOUT YOUR ZIPLINE
PLEASE FEEL FREE TO CONTACT US:
1-844-834-4334 OR EMAIL US AT info@b4Adventure.com**



8. RIDER INSTRUCTIONS-REVIEW WITH ALL RIDERS!

(for ziplines with and without seats)

1. Only one rider at a time.
2. Do not move in front of, behind or in close proximity to a moving rider.
3. 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 starting point and then carefully release them.
4. Hold the trolley handles tightly while the zipline is in motion.
5. Mounting the seat, simply slide the seat between your legs then grab onto the trolley grips and you are ready for launching!
6. Rider must remain seated – no standing, kneeling or other positions.
7. 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, dismount.
8. Adjusting the seat height – Rider's head should always be below the trolley. Slide the excess rope through the lower loop of the figure-8 rope adjuster (Figure 1), then pull the slack through on the other side of the upper loop of the adjuster.
9. Make certain that the rider's head is well below the trolley by adjusting the rope and seat (Figure 2). Or if your kit has no seat, hold the trolley with arms extended, keeping the head below the trolley.
10. Adult supervision required at all times.
11. Check the grips to make sure they are tight and not loose.
12. Do not let bystanders pull or push riders down the course as this could create dangerous speed resulting in serious injury. Riders should have clean, dry hands before gripping the trolley handles.
13. Keep pets away from the zipline course at all times.
14. To avoid spinning on the seat, instruct rider to keep a firm grip on the trolley, until they finish riding and are dismounting.
15. Warning: Instruct children to remove their bike or other sports helmet before using the zipline.
16. Owners shall be responsible for maintaining the legibility of the warning labels.
17. Do not allow children to wear inappropriate items, such as, but not limited to, loose fitting clothing, hood and neck drawstrings, scarves, cord-connected items, capes and ponchos. These items can cause death by strangulation.
18. Instruct children not to attach items to the zipline equipment that are not specifically designed for use with the equipment, such as, but not limited to, jump ropes, clothesline, pet leashes, cables and chain as they may cause a strangulation hazard.
19. Instruct children to dress with wellfitting and full foot enclosing footwear. Examples of inappropriate footwear are clogs, flip flops, and sandals.



Figure 1

Adjust rope so rider's head is below trolley



Figure 2

QUESTIONS OR SETUP ISSUES?

Get answers 24/7 at: www.RIP-LINE.com/help-center/

Watch helpful videos at:

<http://RIP-LINE.com/videos/> then select Slackers Zipline Setup

STILL NEED MORE HELP?

Contact our support team at: info@RIP-LINE.com



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9. MANDATORY MAINTENANCE

REPLACE YOUR ZIPLINE SLING CABLE AND COURSE CABLE AFTER EVERY 12 MONTHS OF NORMAL USE! CONTACT b4Adventure to order: 1-844-834-4334 SAFETY FIRST!

CHECK YOUR INSTALLATION BEFORE EACH USE.

LOOK AT YOUR HARDWARE! REPLACE IF YOU SEE ANY OF THE FOLLOWING CONDITIONS:

⚠ 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. Be safe and REPLACE IT.

CABLES



FRAYED

Cable strands visible & unraveling.



CRIMPED

Gaps in the strands where the cable was crimped.



RUSTY/DISCOLORED

Cable is rusty, orange weathered or dull.

GRIPS



TROLLEY GRIPS

Check for looseness, peeling or other deterioration

At the beginning of each play season:

- Tighten all hardware.
- Lubricate all metallic moving parts (bearings) with a light coating of lithium grease.
- Check all protective coverings: Trolley frame, grips and seat. Replace if they are loose, damaged, cracked or missing. Use ONLY genuine b4Adventure parts!
- Check all moving parts including zipline swing seat, ropes, cables, and hardware for wear, rust, or other deterioration. Replace as needed.
- Check metal parts for rust. If found, sand and repaint using a no lead-based paint meeting the requirements of 16 CFR 1303.
- X.3.1.1 Loose-Fill Materials:
 - X.3.1.1.1 Maintain a minimum depth of 9 inches of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet high; and 9-inches of sand or pea gravel for equipment up to 5 feet high. NOTE: An initial fill level of 12 inches will compress to about a 9-inch depth of surfacing over time. The surfacing will also compact, displace, and settle, and should be periodically refilled to maintain a least a 9-inch depth.

Twice a month during play season:

- Tighten all hardware.
- Check all protective coverings: Trolley frame, grips and seat. Replace if they are loose, damaged, cracked or missing. Use ONLY genuine b4Adventure parts!
- X.3.1.1 Loose-Fill Materials:
 - X.3.1.1.1 Maintain a minimum depth of 9 inches of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet high; and 9-inches of sand or pea gravel for equipment up to 5 feet high. NOTE: An initial fill level of 12 inches will compress to about a 9-inch depth of surfacing over time. The surfacing will also compact, displace, and settle, and should be periodically refilled to maintain a least a 9-inch depth.



Once a month during play season:

- Lubricate all metallic moving parts (bearings) with a light coating of lithium grease.
- Check all moving parts including zipline swing seat, ropes, cables, and hardware for wear, rust, or other deterioration. Replace as needed.
- Perform the Stress and Course Speed Testing frequently
- If you are using a Start Point Structure inspect it every month for looseness, stability and wear.
- Check the cable connection heights to make sure they have not slipped or changed height.

At the end of each play season or when the temperature drops below 32F (0C):

- Take down your entire zipline (including plastic swing seat) and store indoors, in a cool, dry location.
- X.3.1.1 Loose-Fill Materials:

X.3.1.1 Maintain a minimum depth of 9 inches of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet high; and 9-inches of sand or pea gravel for equipment up to 5 feet high. NOTE: An initial fill level of 12 inches will compress to about a 9- inch depth of surfacing over time. The surfacing will also compact, displace, and settle, and should be periodically refilled to maintain a least a 9- inch depth.

PLEASE KEEP THE ASSEMBLY AND INSTALLATION INSTRUCTIONS FOR FURTHER REFERENCE

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Important Product Disclaimer and Notice

Activities involving the installation and use of ziplines are inherently hazardous by their nature. Poor installation, poor site 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 RIPLINE™ ZIPLINE must:

1. Read, understand and follow the installation instructions and Safety Rules.
2. Ensure proper oversight, supervision and instruction of others on the safe use and operation of the zipline.
3. Ensure that all equipment is properly installed, used, inspected and maintained before each use.
4. Before each use, check to see that obstructions and hazards are removed from the zipline path and that all non-users are at a safe distance from that path.
5. 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 Safe Fun Outdoors!

REPLACEMENT CABLE PARTS –TO ORDER CALL 1-844-834-4334

or go to ZIP-LINE.com/accessories.

25% Cable Replacement Discount Code: **b4replacement**

Item Number	Description
SLA.C005	5 Foot Sling Cable
SLA.C010	10 Foot Sling Cable
SLA.C012	2 Foot Sling Cable
SLA.C065	65 Foot Course Main Cable
SLA.C085	85 Foot Course Main Cable
SLA.C095	95 Foot Course Main Cable

CPSC and ASTM - The components in this product comply with U.S. CPSC and ASTM safety Standards for toys ages 6 and over.

