



FALCON ZIPLINE KIT INSTRUCTIONS

Thank you for your purchase of the Slackers™ Zipline! This product was engineered to provide safe fun for all ages. For best and safe results, please read instructions carefully when installing and using your Slackers™ Zipline. Read and obey all rules. We are sure this product will provide you with years of fun and enjoyment.

Kit Contains:

- 1) (1) One person Steel Trolley with sealed ball bearing pulleys providing smooth operation, fitted with grips that offer a non-slip, notched finish, providing exceptional grip and handling.
- 2) (1) 40 foot, 3/16" steel cable, w/looped eye on one end (ride distance may vary)
- 3) (3) 3/16" U clamps
- 4) (1) Instruction book
- 5) (1) Seat and Rope with adjuster



CHOKING AND STRANGULATION HAZARD not for children under 3 years old

Tools Required: adjustable wrench and hand pliers (not included), and some helpers with brooms and a ladder.

Warranty: 1 year for parts and workmanship

WARNING:
CHOKING HAZARD—
Small parts. Not for children under 3 years.

BE SAFE! - ALWAYS FOLLOW THESE RULES

- To be setup and installed by an **Adult**.
- **Adult** supervision is required at all times.
- Not recommended for children under 7 years of age
- Maximum weight 250 lbs
- Wear suitable shoes (like running shoes with laces tied).
- Make sure everything is installed correctly and check for wear before using.
- If worn or damaged parts are found, contact Brand 44 for replacement parts – DO NOT substitute with other, non-Brand 44 parts or failure resulting in serious injury may result.
- Wait until you have stopped COMPLETELY before letting go of the trolley.
- One rider only at a time. Wear close fitting clothing, NO scarves or other loose clothing
- Keep people at least 25 ft. away from the zipline course when in use. AVOID COLLISIONS.
- Never use the line when it is wet or if there is rain or lightning in the area.

WARNING:
STRANGULATION HAZARD:
A helmet should NOT be used while ziplining. There is a risk of hanging if the child or rider gets trapped with helmet. A helmet should not be needed if you are following the set up instructions.

WARNING:
ADULT ASSEMBLY REQUIRED—
Care should be taken when unpackaging and assembling this product.



CHOOSING THE ZIPLINE COURSE

Choose a clear runway for the zipline ride with a sturdy anchor point (a healthy tree 36" circumference or 12" diameter, is recommended. Attachment to other objects should not be attempted without the opinion of a qualified engineer as suitability for 'side load' strength is required.

Caution: We recommend a grass course underneath that is clear of ALL obstacles: bushes, rocks, or anything else that could cause injury. If the grass course becomes hard-packed over time, move the course to a softer location. A fall onto any hard surface can result in a serious injury to the equipment user (See attached CONSUMER INFORMATION SHEET FOR PLAYGROUND SURFACING MATERIALS).

CABLE ATTACHMENT HEIGHT GUIDELINE

Attachment height is from the ground up: SEE TABLE BELOW*.

Rider's Height	Attachment height for ride start for 40 ft. course without seat	Attachment height for ride finish without seat	Attachment height for ride start for 40 ft. course with seat	Attachment height for ride finish with seat
48 Inches	102 inches	82 inches	86 inches	66 inches
54 Inches	108 inches	88 inches	90 inches	70 inches
60 Inches	114 inches	94 inches	99 inches	79 inches
66 Inches	120 inches	100 inches	104 inches	84 inches
72 Inches	126 inches	106 inches	102 Inches	82 inches

*The above height listings are suggested starting points. Due to line tension and/or tree-post flexing, you may have to raise your starting height.

X.3 CONSUMER INFORMATION SHEET FOR PLAYGROUND SURFACING MATERIALS

X3.1 The U.S. Consumer Product Safety Commission (CPSC) estimates that about 100,000 playground equipment related injuries resulting from falls to the ground surface are treated annually in U.S. hospital emergency rooms. Injuries involving this hazard pattern ten to be among the most serious of all playground injuries, and have the potential to be fatal, particularly when the injury is to the head. The surface under and around playground equipment can be a major factor in determining the injury-causing potential of a fall. It is self-evident that a fall onto a shock absorbing surface is less likely to cause a serious injury than a fall onto a hard surface. Playground equipment should never be placed on hard surfaces such as concrete or asphalt and while grass may appear to be acceptable it may quickly turn to hard packed earth in areas of high traffic. Shredded bark mulch, wood chips, fine sand or fine gravel are considered to be acceptable shock absorbing surfaces when installed and maintained at a sufficient depth under and around playground equipment.

X3.2 Table X3.1 lists the maximum height from which a child would not be expected to sustain a life-threatening head injury in a fall onto four different loose-fill surfacing

TABLE X3.1 Fall Height In Feet From Which a Life Threatening Injury Would Not Be Expected

Type of Material	6 in deep	9 in deep	12 in. deep
Double Shredded Bark Mulch	6'	10'	11'
Wood Chips	6'	7'	12'
Fine Sand	5'	6'	9'
Fine Gravel	6'	7'	10'

materials if they are installed and maintained at depths of 6,9 and 12 inches. However, it should be recognized that all injuries due to falls cannot be prevented no matter what surfacing material is used.

X3.3 It is recommended that a shock absorbing material should extend to a minimum of 6 Feet in all directions from the perimeter of stationary equipment such as climbers and slides. However, because children may deliberately jump from a moving swing, the shock absorbing material should extend in the front and rear of a swing a minimum distance of 2 times the height of the pivot point measured from a point directly beneath the pivot on the supporting structure.

X3.4 This information is intended to assist in comparing the relative shock-absorbing properties of various materials. No particular material is recommended over another. However, each material is only effective when properly maintained. Materials should be checked periodically and replenished to maintain correct depth as determined necessary for your equipment. The choice of a material depends on the type and height of the playground equipment, the availability of the material in your area and its cost.

¹¹This information has been extracted from the CPSC publications "Playground Surfacing – Technical Information Guide" and "Handbook for Public Playground Safety." Copies of these reports can be obtained by sending a postcard to the Office of Public Affairs, U.S. Consumer Product Safety Commission, Washington, D.C., 20207 or call the toll-free hotline: 1-800-638-2772

Installation

Step 1: Take the main cable and wrap the loop end around the tree (Figure 2) and thread the unlooped end and the rest of the cable through the loop and tighten as the starting point at a height from the Guideline on page 2. (Figure 2).

Step 2: Then thread the cable, using the un-looped end, through the trolley (Figure 5), between the two pulleys and the handlebar.

START POINT

FINISH POINT

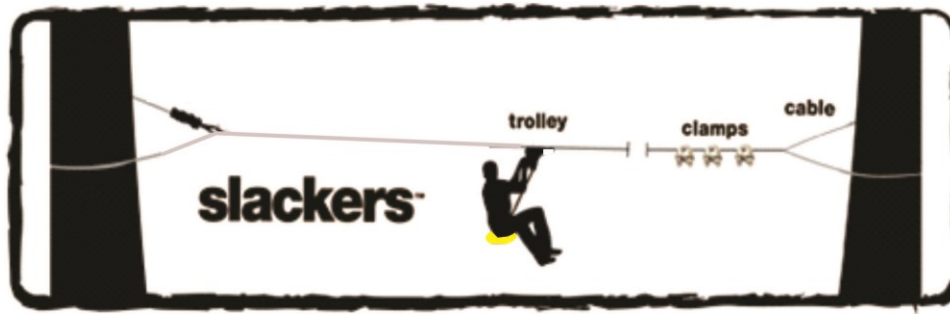


Figure 1

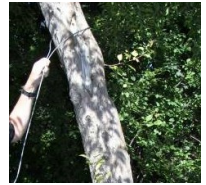


Figure 2



Figure 3



Figure 4

Step 3: Wrap the un-looped end around the end point tree at a height from the Guideline on page 2. Pull the line as tight as possible and secure with the three u-clamps spaced a few inches apart, just tight enough to get it off the ground (figure 4).

Step 4: With your helpers using brooms or poles at points along the cable pushing the cable up and taking the weight off of the cable, pull all of the slack out of the cable that you can. Then while holding the cable tight, tighten all three clamps.

Note: After the first rider has used the zipline, re-torque the clamps as a precaution against loosening.

Step 5: Launching Platform (figure 5)- Must be stable and not prone to rocking and should be tall enough to allow your shortest riders to easily reach the trolley.

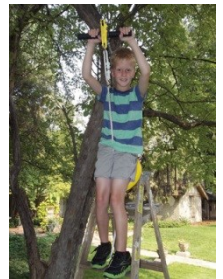


Figure 5

Regarding Falcon Series Seated Zipline models

Mounting the Falcon Series Seated Zipline

Step 1: While standing on launching platform, slide the seat between your legs.

Step 2: Grab onto the trolley and launch!

Dismounting the Falcon Series Seated Zipline

Step 1: Grab onto the rope in between the trolley and the seat.

Step 2: While holding onto the rope, dismount carefully (figure 6)



Figure 6

Adjusting the Seat Height

Step 1: Slide excess rope through the lower loop of the adjuster S-bracket (Figure 7).

Step 2: Pull the slack through on the other side of the upper loop of the adjuster.

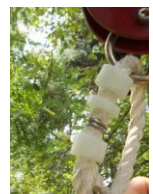


Figure 7

Remember: To ensure comfort and safety, the rider's arms should bend to roughly 90 degrees.

Warning: It is very important that the rider holds onto seat rope tightly while dismounting. Failure to do so may result in injury from the seat swinging upwards.



Final Tune-up

Test before using. Start by first measuring the distance from the ground to the hand trolley with the trolley at the mid-point in the line. Then hang approx. 200 LBS from the trolley and then re-measure the distance from the ground to the trolley. The distance should be approx. 4 inches **closer** to the ground. Review Step 4 above to adjust tension. Failure to do this can result in injury.

- ✓ Check the tightness of all nuts and bolts of all clamps and the trolley. Make sure cable does not slip.
- ✓ Cover exposed wire end (by the clamps) with electrical or duct tape to prevent injury.
- ✓ With the weight attached, launch the trolley. It should slow down due to sag in the line about $\frac{2}{3}$ rd the way to the end of the cable. Adjust the tension or heights to prevent the test weight from hitting the clamps.
- ✓ Always walk the area and remove any debris or objects that might harm the riders.



Figure 10

SAFETY FIRST! CHECK YOUR INSTALLATION OFTEN. Enjoy the zipline, and have a great adventure!

Product Disclaimer & Notice

The use of ziplines is inherently hazardous. The installation should only be performed by an **Adult** and in accordance with these instructions. Following the listed items below may help the user avoid unnecessary harm. **Adult** supervision is required at all times. The instruction manual and any other information shall not be considered adequate instruction for the installation and use of this product. Be Careful and Have Safe Fun Outdoors!

1. Always take the time to instruct the user on the safe use and operation of your zipline.
2. 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.
3. The owner, installer and user of this equipment assume all risk of injury and even death that may result from this product.
4. As with all small parts, there is a potential risk of choking hazard. Please keep all parts away from small children.
5. Fully disassemble and dispose of all playground equipment in a manner that will prevent any hazards.

Maintenance

1. Each season, prior to use and at least twice a month during periods of use, apply a Teflon based lubricant.
2. Bring the Falcon Series Kit trolley, rope and swing inside whenever the temperature drops below 32 degrees Fahrenheit.
3. Before EVERY use, check the trolley, steel line, rope, knots, support and all connections for any hint of deterioration, excess wear, rope fraying, breaks or sharp edges and replace as necessary. Check Start and Finish anchor points for signs of wear or weakness.
4. When followed correctly these instructions will provide for long lasting and safe use of your Slackers Zipline.

Falcon Series Seat

(insert)

Caution

ADULT installation and supervision and all of the following precautions are required for the use of Falcon Series Seat Kit.

The Falcon Series Seat is designed to enhance rider enjoyment, but the children who use it must be fully instructed by an **adult** on the proper use of this feature and remain under adult supervision at all times. This seat was created to be used as a recreational device and has been fully tested

Be sure to inform ALL users:

1. To avoid moving in front of, behind or in close proximity to a moving swing user.
2. Use the Falcon Series Set only once it has been installed and inspected by an adult.
3. To use the zipline only when supervised by an **adult**.
4. Dismount the seat only once it has fully stopped.
5. To hold the trolley handles tightly while the Zipline is in motion.
6. Not to mount the seat or the Zipline if the user weighs over 250 pounds.
7. To avoid wearing loose fitting clothing or any clothing that is potentially dangerous. Always wear appropriate shoes
8. To use the Falcon Series Seat in the manner in which it was intended.
9. To avoid twisting the seat rope at all times.
10. To never use the Zipline kit while it is wet.
11. To refrain from swinging the seat when it is not mounted.