



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 size 11" (3.36m) x 8" (2.44m) with sealed ball bearing pulleys maximize strength while providing smooth operation, fitted with grips that offer a non-slip, notched finish, providing exceptional grip a handling.
- 2) (1) 40/65/85 foot (12.2/19.82/25.91m), 3/16" (.48cm) (steel cable, w/loop eye on one end.
- 3) (1) 5 foot (1.53m), 3/16" (.48cm) steel cable w/looped eye on each end (NightRider, Eagle and Hawk)
- 4) (1) Turnbuckle 6" (15.24cm) Steel w/locking hardware (NightRider, Eagle and Hawk)
- 5) (3) 3/16" (.48cm) U clamps.
- 6) (1) Instruction book.
- 7) (1) Seat and Rope: (Only included in kits with seats)



### **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.*  
*Warranty: 1 year for parts and workmanship*

**⚠ WARNING:**  
**Choking Hazard-**  
Small parts. Not for children under 3

### **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 8 years of age
- Maximum weight 250 lbs (114kg).
- Wear suitable shoes.
- 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 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 (7.62 m). away from the zipline course when in use.
- 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 AND TESTING REQUIRED-**  
This product should be unpacked, assembled and tested by an adult before using. This includes appropriate site selection, secure attachment of cable, proper slope and tension and testing with 200 lbs (75kg) of weight to insure a safe ride and safe stop.

**CPSC & ASTM-**  
Complies with U.S.CPSC & ASTM  
Safety Standards for toys 8 and over.



## CHOOSING THE ZIP LINE COURSE

Choose a clear runway for the zip line ride with a sturdy anchor point (a healthy tree 36" (91.44cm) circumference or 12" (30.48cm) 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

### X.3 CONSUMER INFORMATION SHEET FOR PLAYGROUND SURFACING MATERIALS<sup>11</sup>

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 tend 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

<sup>11</sup>This 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

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

Type of Material(in deep)	6"(15.3cm)	9"(22.9cm)	12"(30.5cm)
Double Shredded Bark Mulch	6'(1.83m)	10'(3.05m)	11'(3.35m)
Wood Chips	6'(1.83m)	7'(2.13m)	12'(3.66m)
Fine Sand	5'(1.52m)	6'(1.83m)	9'(2.74m)
Fine Gravel	6'(1.83m)	7'(2.13m)	10'(3.05m)

materials if they are installed and maintained at depths of 6, 9 and 12 inches(15.3, 22.9 and 30.5 cm) 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 (1.83m) 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.

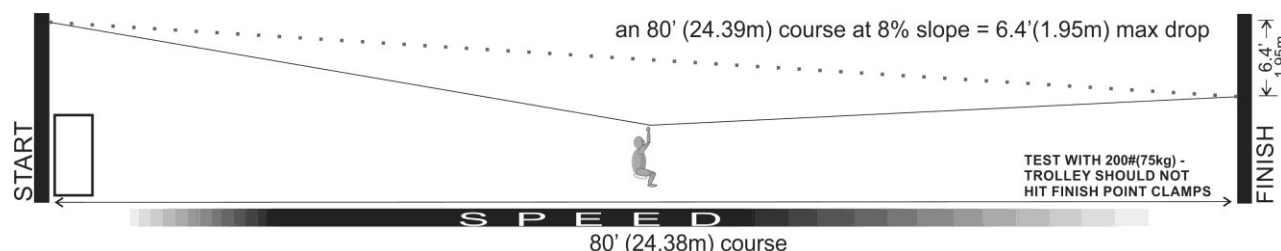
X3.4 This information is intended to assist in comparing the relative shock-absorbing properties of various materials. No particular material is recommended over another. However, each material is only effective when properly maintained. Materials should be checked periodically and replenished to maintain 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.

## CABLE ATTACHMENT HEIGHT GUIDELINE

Attachment height is from the ground up and assumes a level course.

Rider's Height	Attachment height for ride start for 90 ft. (27.44m) kit 80 ft course (24.39m)	Attachment height for ride start for 70 ft. (21.34m) kit 60 ft course (18.29m)	Attachment height for ride start for 40 ft. (12.2m) kit 35 ft course (10.69m)	Attachment height for ride finish
60 Inches (152.4cm)	172 Inches max (436.88cm)	152 Inches max (386.1cm)	129 Inches max (327.7cm)	95 Inches (241.3cm)

*The table is meant to aid in 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 Finish Point clamps when testing. If so lower the Start Point attachment height.*



**Extreme Backyard Adventures**

www.slackersline.com

## Installation

**Step 1:** On the **NightRider, Hawk and Eagle**, the shorter 'sling' cable is used to wrap around the tree (Figure 2) that will be used as the starting point at a height from the Guideline on page 2. After fully extending the turnbuckle, attach it to the two loops on the ends of the sling cable and tighten the bolt and nut. (Figure 3). On the **Falcon**, insert the unfinished cable through the loop and proceed to Step 3.

**Step 2: NightRider, Hawk and Eagle:** Take the loop end of the long cable and attach it to the other end of the turnbuckle and tighten the nut and bolt (Figure 4).

START POINT

FINISH POINT

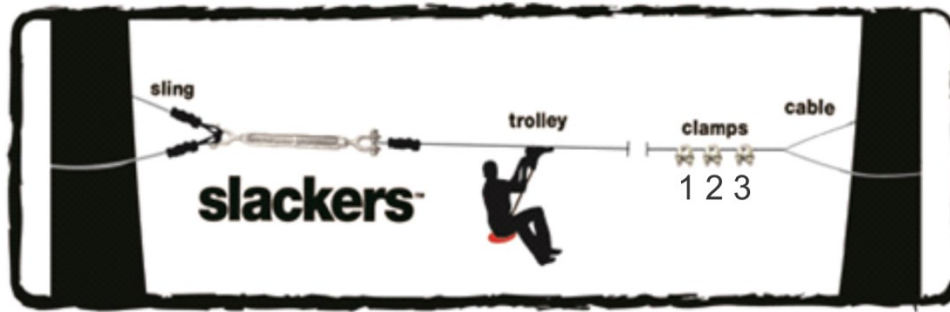


Figure 1 for NightRider, Hawk and Eagle only

**Step 3:** Thread the cable, using the un-looped end, through the trolley (Figure 5), between the two pulleys and the handlebar. Make sure the elongated end of the trolley frame is pointing toward the starting point. Unwind the long cable along your zipline path removing any twists. 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 (1) of the three u-clamps as far from the finish point as your cable allows. 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 by loosening and tightening the u-clamp as you pull out the slack. Add another u-clamp (3) between your first clamp and the finish point and slide it toward the finish point (tree) like a tightening a necktie. Tighten it! Add the last u-clamp (2) about 3-6 inches (7.62-15.3cm) from (3), tighten it, then loosen the first u-clamp (1) and slide it toward (2), so that they are all 3-6 inches (7.62-15.3cm) apart. (see figure 6)

**Step 4: NightRider, Hawk and Eagle:** Tune the zip line by tightening the turnbuckle, which will tighten up the line. (See figure 1 above) The **Falcon** should be tightened by hand and secured using the 3 u-clamps.

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

**Step 5:** Launching Platform (figure 7)- Must be stable and not prone to rocking. It should be tall enough to allow your shortest riders to easily reach the trolley.

## Regarding Night Rider, Eagle and Falcon Series Seated Zipline models

### Mounting the Seat

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

**Step 2:** Grab onto the trolley and launch!

### Dismounting the Seat

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

**Step 2:** While holding onto the rope, dismount (figure 8)

### Adjusting the Seat Height (Rider's head should be below the trolley)

**Step 1:** Slide excess rope through the lower loop of the figure 8 rope adjuster (Figure 9).

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

Adjust rope so rider's head is below trolley

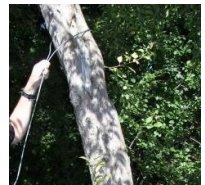


Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Figure 8

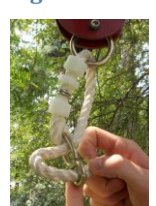


Figure 9

**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 (75kg) from the trolley and then re-measure the distance from the ground to the trolley. The distance should be approx. 24-36 inches (60-90 cm) **closer** to the ground depending on cable length. If adjustment is necessary follow the procedures in Step 4. Failure to do this can result in injury.

- ✓ Check the tightness of all nuts and bolts of all clamps, the turnbuckle and the trolley. Make sure cable does not slip.
- ✓ Secure and 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 2/3<sup>rd</sup> the way to the end of the cable. Adjust the tension or heights to prevent the rider 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. Bring the NightRider, Eagle and Falcon Series rope and swing inside whenever the temperature drops below 32 degrees Fahrenheit (0 degrees Celsius).
2. 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.
3. When followed correctly these instructions will provide for long lasting and safe use of your Slackers Zipline.

## Seat Versions

(insert)

### **Caution**

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

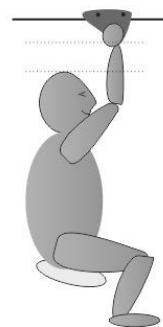
The Eagle and Falcon Series Seat is designed to enhance rider enjoyment, but the children who use it must be fully instructed by an adult on the proper use of this feature and remain under adult supervision at all times.

### **CAUTION: MAKE CERTAIN THAT THE ROPE LENGTH IS ADJUSTED SO THE RIDER'S HEAD IS BELOW THE TROLLEY**

**Be sure to inform ALL users:**

1. To avoid moving in front, behind or in close proximity to a moving swing user.
2. Use the Eagle and Falcon Series Seat only once it has been installed and inspected by an adult.
3. To use the seat 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, and wear appropriate fitting shoes, or any clothing that is potentially dangerous.
8. To use the Eagle and 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.

Adjust rope so rider's head is below trolley



**CPSC & ASTM-**  
Complies with U.S.CPSC & ASTM  
Safety Standards for toys 8 and over.