



06 ROPE RUNNER

Manufactured in the USA by: CMI
Distributed by: Arbession





Warning

Misuse of this device can result in death or serious injury.

Only trained work-at-height professionals should use this equipment.

Important Safety Information





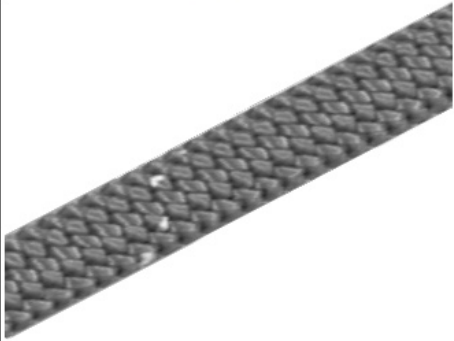
This user guide contains important safety warnings and instructions for using the Rope Runner. Be sure to pay attention to the **X**, **skull and crossbones**, and **downward arrow** symbols, as these indicate dangerous practices that could result in serious injury or death.



Proper use will be indicated by a check mark.

User Guide: Introduction

The Singing Tree Rope Runner is a versatile friction control device meticulously engineered for rope technicians who frequently ascend and descend a single, fixed line. This innovative tool facilitates smooth and efficient movement along the rope, eliminating the need for cumbersome equipment changes during transitions between ascent and descent. Furthermore, the Rope Runner enhances safety by allowing the user to precisely control their descent speed through the management of friction on the climbing line.

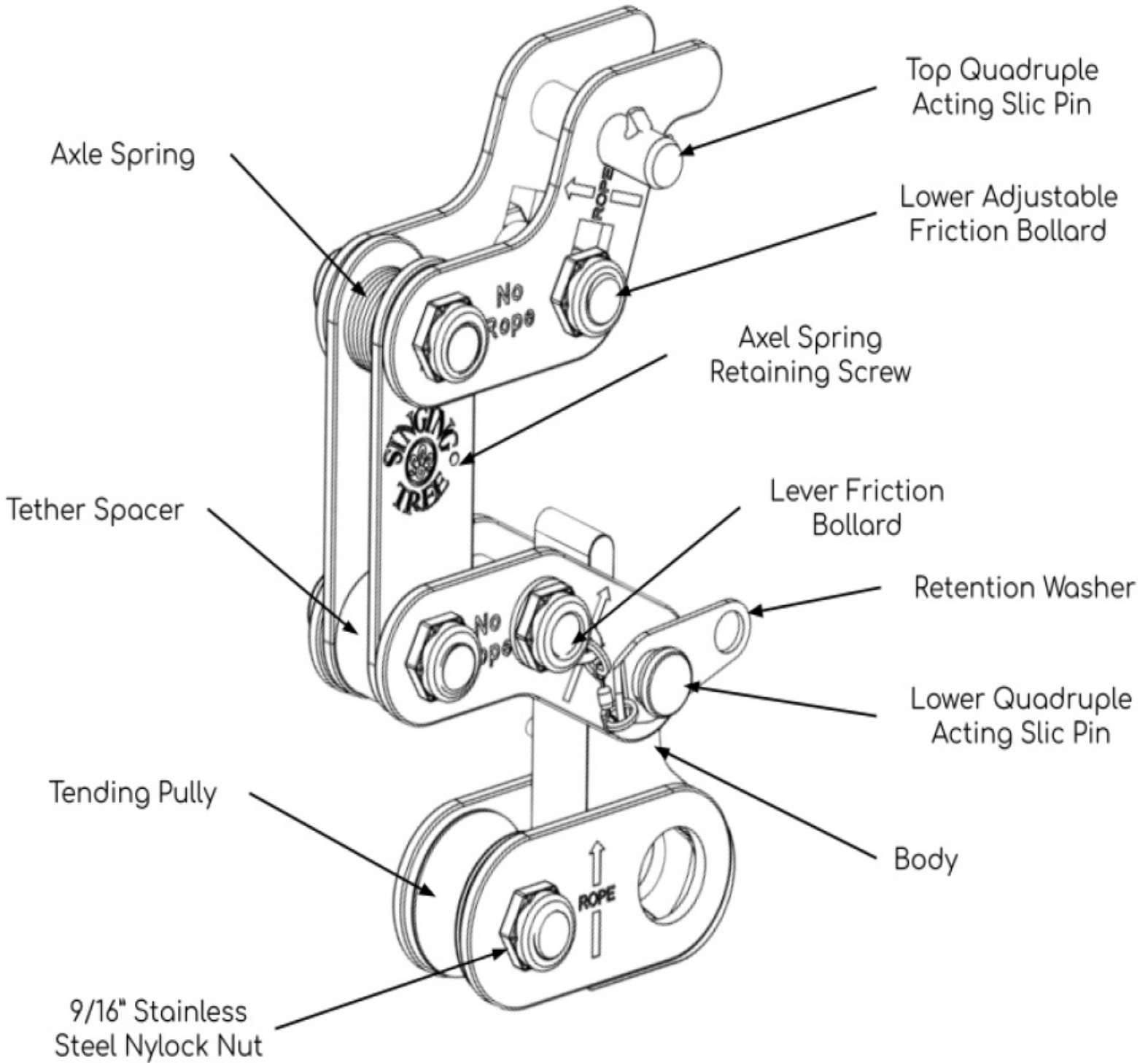
Specifications	
	Approximate Break Strength: 22.7 kN / 5000 lbs end to end
	Weight: 246 g / 8.67 oz
	Material: 7075 Aluminum, Stainless Steel
	Maximum Rope Tolerance: 11-13 mm Diameter, meeting EN 1891 or NFPA 1983

Disclaimer:	The Rope Runner is a tool designed solely for professional use. Users must have undergone proper training and be well-versed in safe climbing practices. It is imperative to practice extensively with the Rope Runner in a controlled environment—such as a setting secured with a top-rope safety system—before using it in any scenario where there is a risk of injury or death. Utilize the ' <i>low and slow</i> ' method.
Acknowledgment of Risk:	Climbing and all activities that involve working at height are inherently dangerous and carry risks that cannot be completely eliminated through equipment or training. It is crucial to understand that accidents can still occur, even with proper precautions.
Mandatory Reading:	Before using the Rope Runner, it is mandatory to read all of these instructions thoroughly and carefully. Familiarize yourself with the device's operation, safety features, and potential hazards.

<u>The Rope Runner is NOT:</u>
<ul style="list-style-type: none"> ● For use by novices in SRS techniques ● An SRS training device ● To be used for extreme activities, speeds, and/or in extreme conditions ● For use by anyone not willing to take full responsibility for their own life ● To be used by people over 125 kg (275 lbs) or for multi-person loads ● A fall arrest device

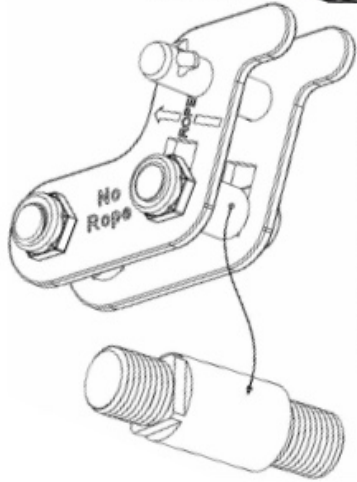
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Nomenclature of Parts



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Components of the Rope Runner

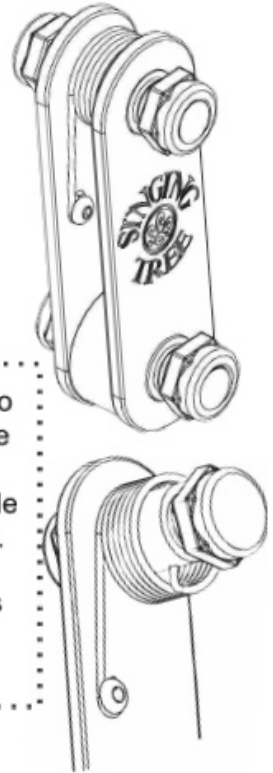


The Bird Assembly: The Rope Runner uses the Axle Spring to create friction against the rope. It won't work if the Bird Assembly isn't engaged. The "beak" of the Bird lets the user control their descent.

The Lower Friction Bollard's position affects descent and should rarely be adjusted. The bollard typically functions best fully open for ropes over 11mm. Test at low heights to fine-tune its position.

The Tether Assembly: This assembly connects the Bird Assembly to the Lever Assembly. It must move freely and should not impede the movement of either the Bird or Lever Assemblies. The Tether Assembly also includes a retaining screw that helps engage the Axle Spring. The Axle Spring is critical for the Rope Runner's operation.

CAUTION: Inspect the Axle Spring regularly. If the Axle Spring or its Retaining Screw is damaged, immediately stop using the Rope Runner.



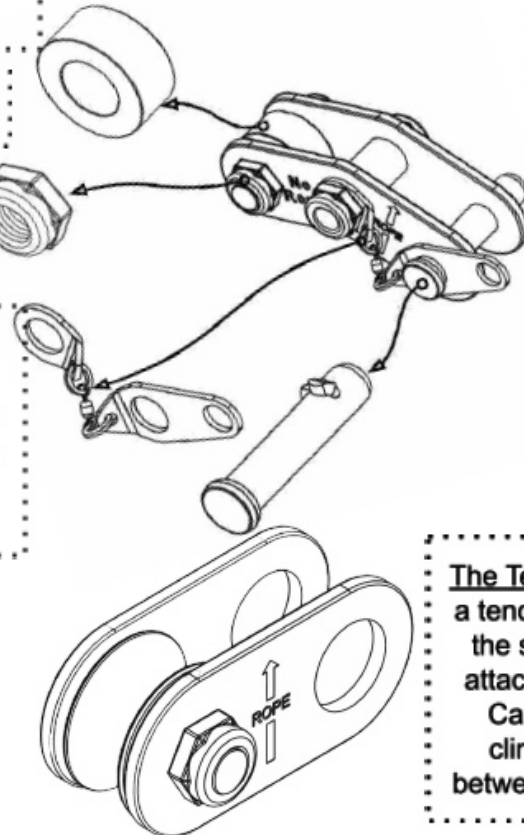
The Lever Assembly: When the Bird engages the rope due to the Axle Spring's torque, it pulls up the Lever Assembly, compressing the rope between the Lever Friction Bollard and the spine of the Body.

Tether Spacer

9/16" Stainless Steel Nylock Nut

Retaining Washers: These washers secure the Slic Pins to the Rope Runner and can attach a chest harness to the lower Slic Pin. They cannot support more than 3 kg (6.5 lbs).


The Body: is the main part of the device. It connects all the other parts and creates friction and heat when the rope is compressed against it during use.



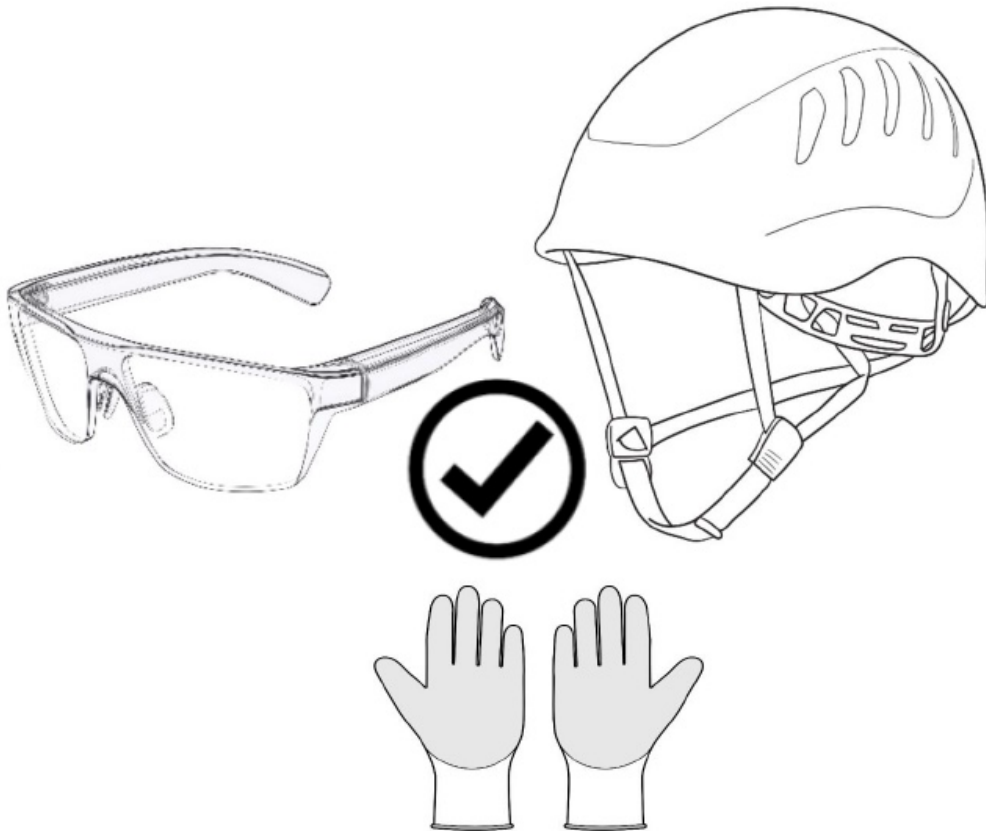
The Tender Assembly: This small pulley acts as a tending pulley, compressing the rope against the spine of the Body to provide friction. It is attached to the Rope Runner using the same Carabiner that connects the device to the climber. The diagonal slot in the Body fits between the two holes in the Tender Assembly.

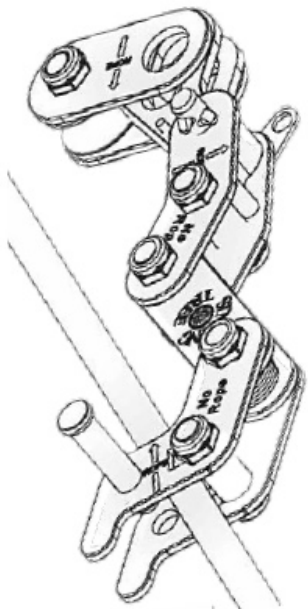
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Installing on a Fixed Line

	WARNING: Installation Orientation
	Do not install the Rope Runner upside down or incorrectly. Incorrect installation can lead to serious injury or death. Always use proper personal protective equipment (PPE) when climbing, including a helmet and eye protection. Additional equipment may be required when operating machinery like a chainsaw.

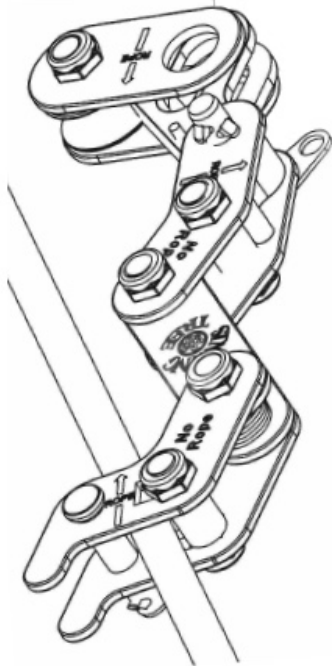
PPE SAFETY CHECK



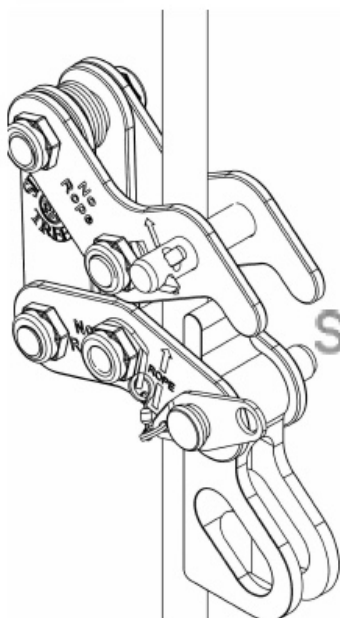
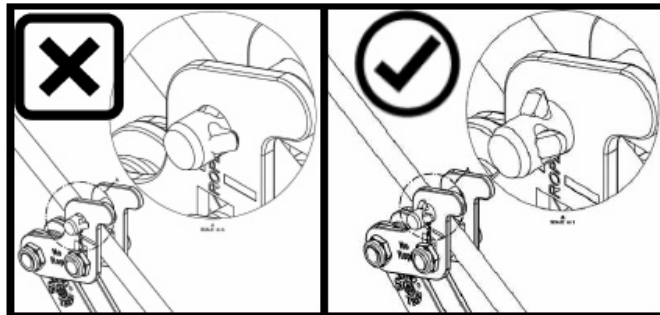


Step 1: The Quadruple Acting Slic Pin of the Bird Assembly should be at the top of the Rope Runner. At this stage, the Tether Assembly will be above the Slic Pin due to the spring's action. Disengage the top Quadruple Acting Slic Pin, leaving only one lock secured inside the Bird's side cheeks. It is not necessary and not recommended to completely remove the pin, as it could be dropped and lost. With the pin partially locked, the rope may fit tightly, but ropes up to 13mm will work.

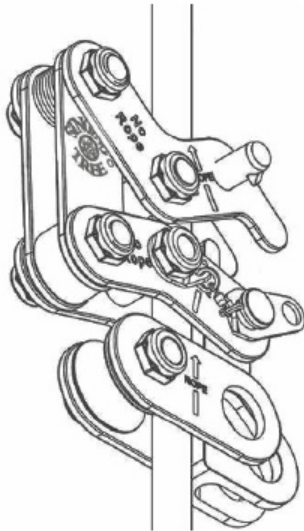
Step 2: Lock the Quadruple Acting Slic Pin after the rope is positioned between it and the Lower Friction Bollard of the Bird. Ensure both locks on the pin are fully engaged.



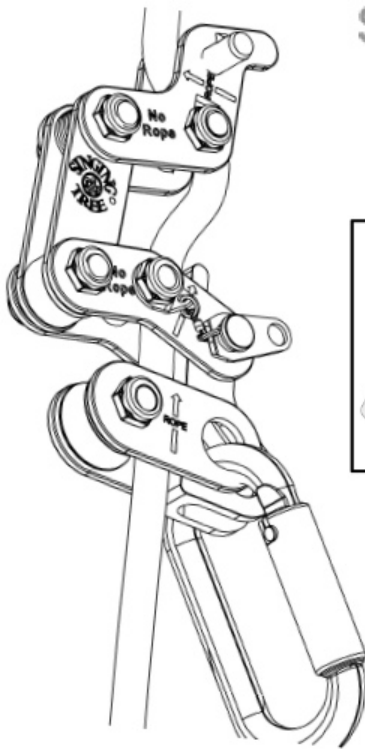
	<p>WARNING: Secure Slic Pin</p>
	<p>The Quadruple Acting Slic Pin relies on a small spring to secure it. Before use, ensure the pin is fully inserted, constrained, and not obstructed by rope fibers, and that the metal tabs click outward. Make sure both tabs are engaged. Failure to do so could cause the Rope Runner to detach from the climbing rope, rendering it useless and potentially causing serious injury or death.</p>




Step 3: Secure the rope between the Friction Bollard of the Lever Assembly and the Body using the other Quadruple Acting Slic Pin. Ensure both locks on this pin are also fully engaged.

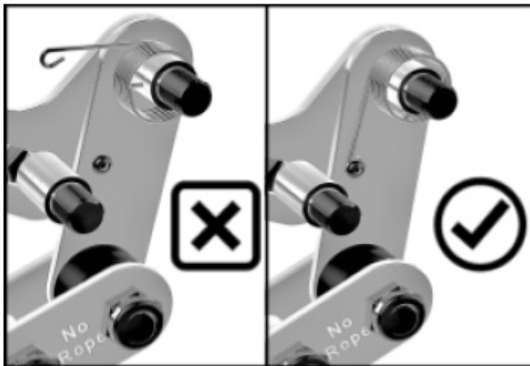


Step 4: Position the Tending Pulley Assembly onto the rope, ensuring the rope sits between the Body's spine and the pulley's sheave. **Incorrect assembly could result in serious injury, death, and rope damage.**



Step 5: Use a triple action locking oval carabiner to connect the tending pulley and body's slotted hole. Ensure the carabiner captures both sides of the tending pulley assembly and body.

	WARNING
	<p>Use only an aluminum oval-shaped carabiners with the Rope Runner. Using other shapes (D, Pear, etc.) could cause serious injury or death and may damage the Rope Runner.</p>



WARNING: Rope Runner Spring
<ul style="list-style-type: none"> • Regularly check the spring connecting the bird and tether assemblies on the rear axle. If it's damaged, stop using the Rope Runner immediately, as it won't engage automatically. • Always keep the spring free of dirt, sap, grit, ice, or other potentially hazardous materials that could disable it. • Attempting to climb with a malfunctioning spring could result in serious injury or death.

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Ascending with a Rope Runner



- The Rope Runner must be tended at all times during ascent. Keep it free from loose clothing, straps, carabiners, plant material, or any obstructions.



WARNING: Keep Free From Tangles

Avoid anything that could catch onto or become entangled in the Bird or the Quadruple Acting Slic Pin of the Bird at all costs. Anything sliding down the line or hooked onto the Bird can drag the Rope Runner and the climber down.

- A chest strap, neck tether or lanyard over the shoulder can be attached to the bridge connection or the Retaining Washers connected to the Lower Slic Pin to advance the Rope Runner. Avoid using large carabiners, snaps, or hooks; a micro S snap is recommended.

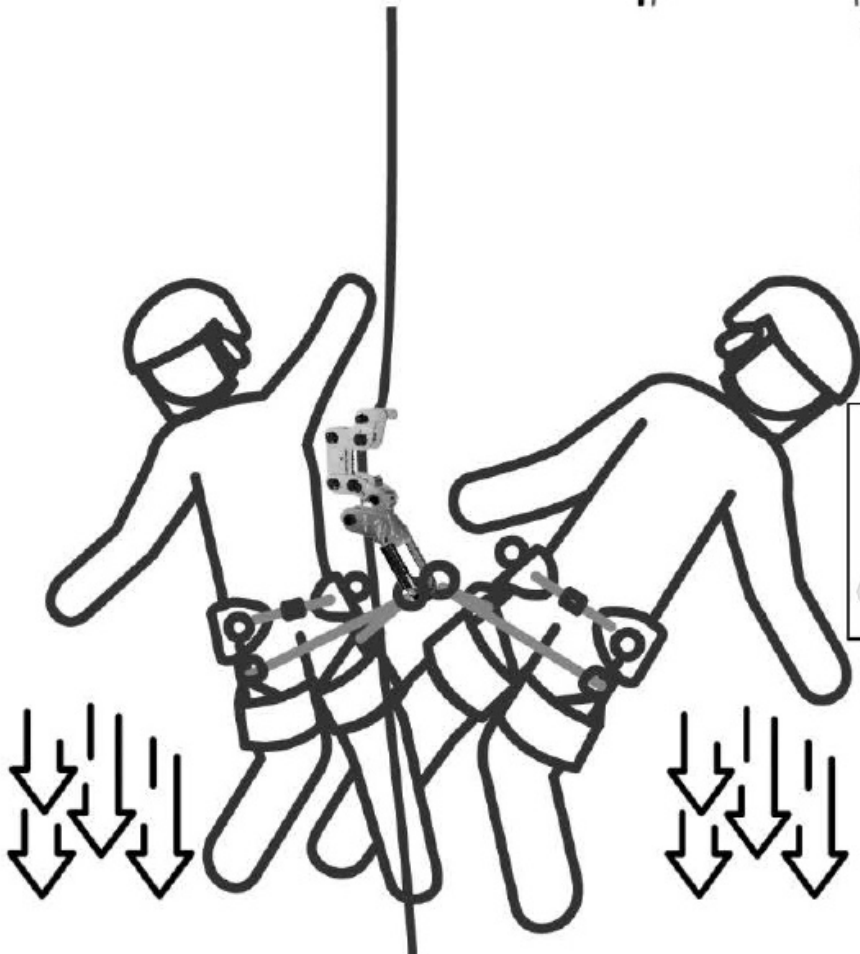
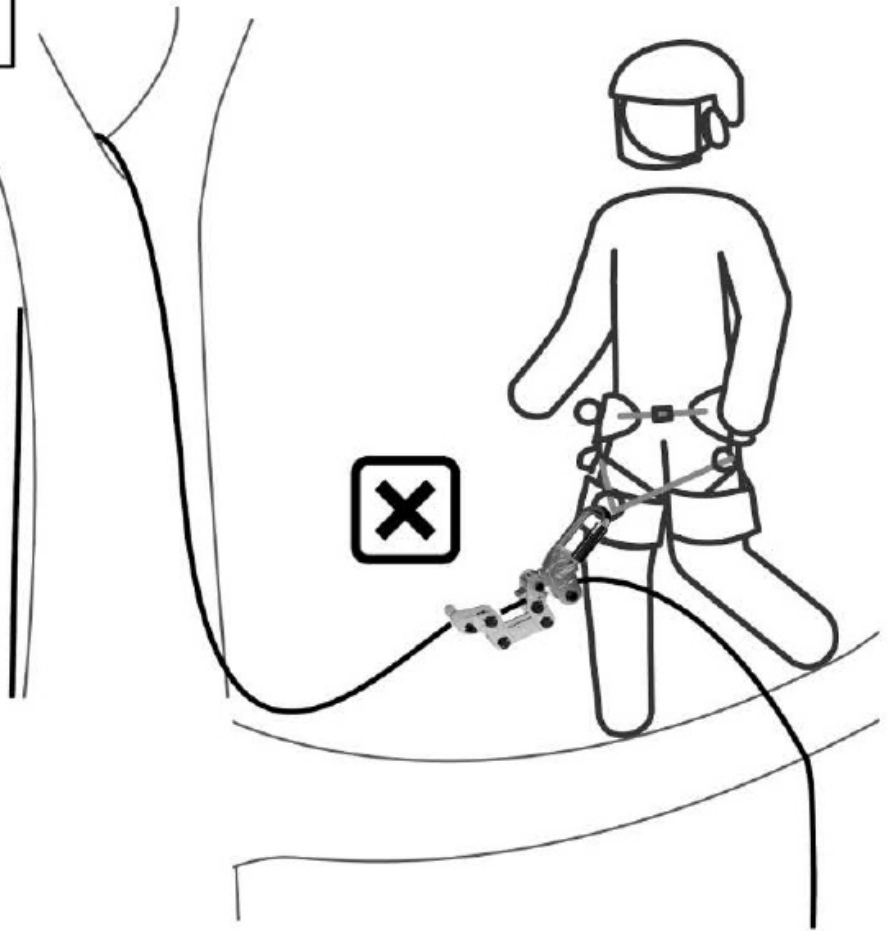
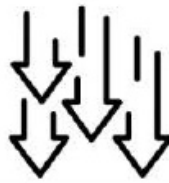


WARNING

The Rope Runner is for work positioning only and should not be used with ascenders above it due to the risk of uncontrolled descent and serious injury or death. Ascenders used below the Rope Runner are permitted.

WARNING

Do not allow the Rope Runner to drop below the knees or allow excessive slack to build up in the system. This increases the risk of falls and entanglement, which could lead to serious injury or death.

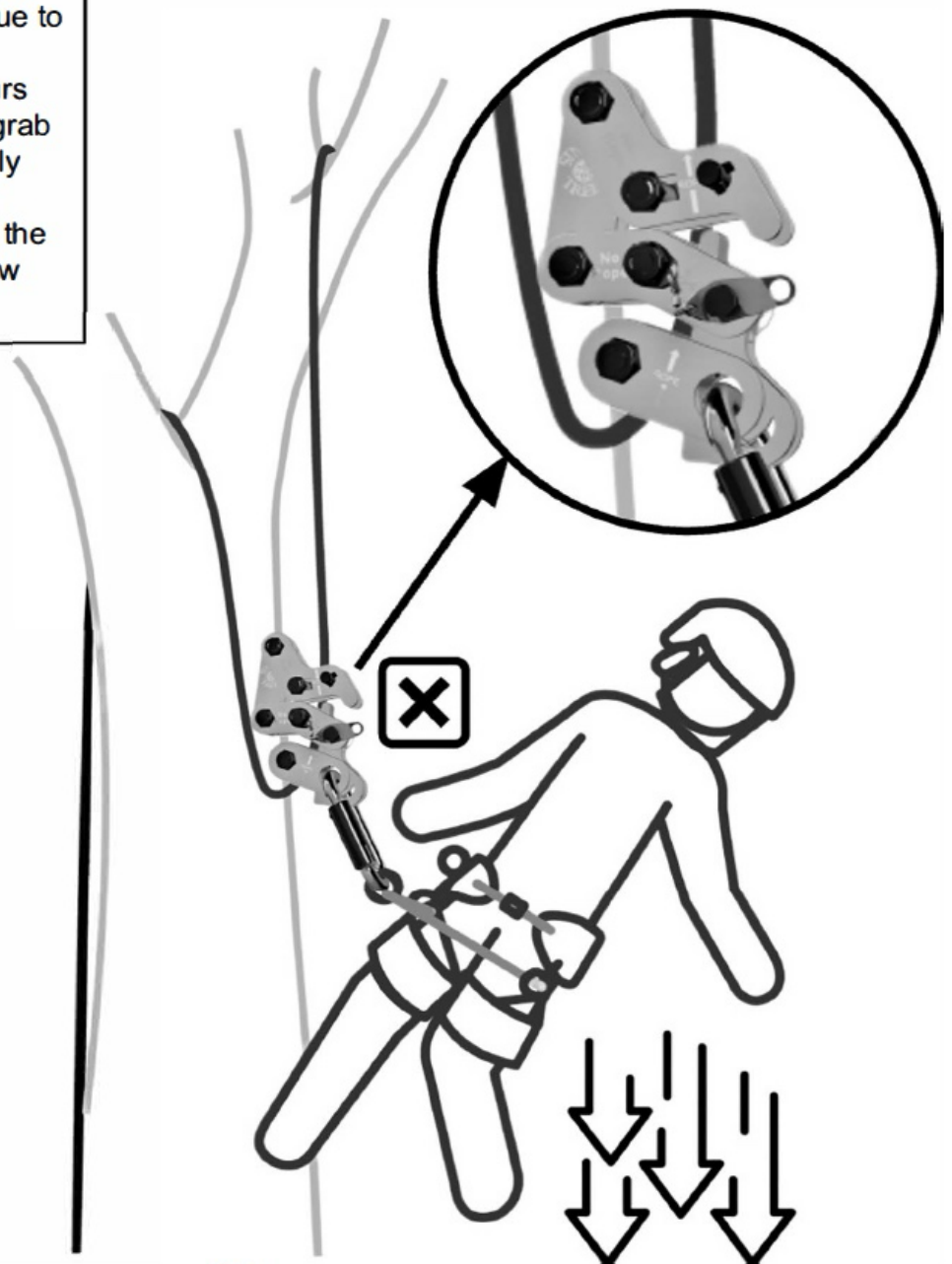


WARNING: One Climber Only

Do not use the Rope Runner for more than one climber or for climbers over 125 kg (275 lbs). Do not let the Rope Runner get out of the climber's reach.

WARNING: Redirected Tail

- When traversing through the tree or if a redirect is used with the tail be sure there is an adequate amount of slack below the rope runner.
- Do not use the redirected tail of the rope to control your position or descent. Holding the redirected tail can cause the device to collapse, leading to unexpected descent when loading the system. (Additionally, the tail will move through your hands faster due to mechanical advantage.)
- If uncontrolled descent occurs let go of the redirected tail, grab the rope runner and manually engage the rope runner by pushing up on the "beak" of the Bird Assembly to stop or slow down.



5.

Descending with a Rope Runner

- When the Rope Runner is fully engaged, it contacts the rope at several points:


The rope is forced into an S curve by the Bird, between the Slic Pin and Lower Friction Bollard.

The rope is firmly compressed between the Lever and the spine of the Body.

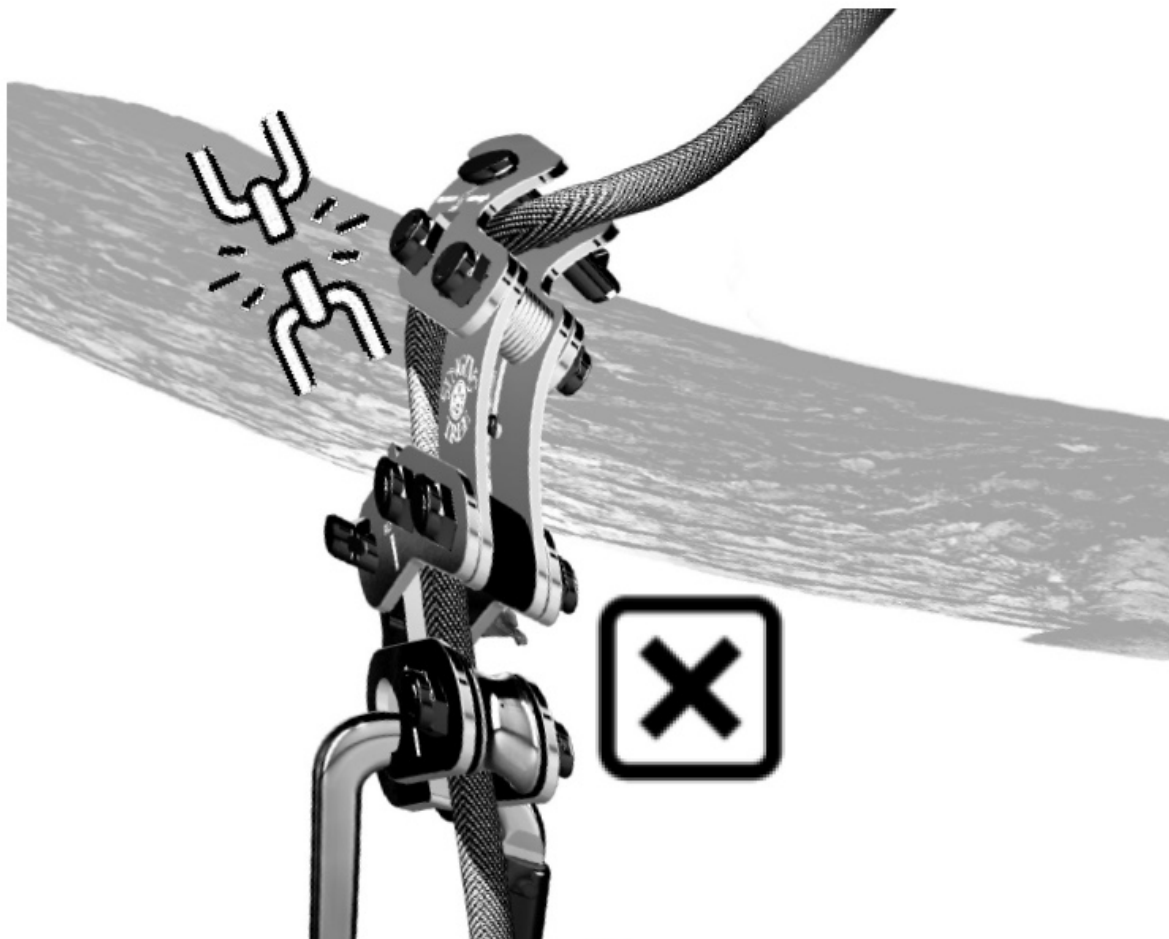
The sheave of the Tending Pulley Assembly compresses the rope against the spine of the Body.



- To descend, slowly push down on the Bird's beak. Release pressure to stop. If creeping or uncontrolled descent occurs, push up on the beak to slow or stop.
- The Rope Runner is compatible with arborist-grade climbing lines with a diameter of 11-13 mm, meeting EN 1891 or NFPA 1983 standards.
- Before using the Rope Runner at height, practice in a safe environment to become familiar with its proper operation and to recognize factors that could lead to creep or uncontrolled descent.

	WARNING
	<p>This device has no panic feature! In the event of a rapid descent, slow down by letting go of the device so it can engage and push up on the "beak" of the Bird Assembly to slow down and stop.</p>

- **Do not** bend the Rope Runner. Be cautious around limbs, corners, or anything that could subject the Rope Runner to shock or side loading.



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Inspection and Additional Information

The quality and condition of your equipment are crucial for your safety. Singing Tree recommends a detailed inspection of the Rope Runner at least once every 12 months.

Before Each Use:

- Check for any wear, dents, cracks, bends, or damage on the device.
- Ensure all nuts are secure.
- Check the spring action locking mechanisms of both Quadruple Action Slic Pins.
- Check the spring action of the Axle Spring.
- Check the Axle Spring Retaining Screw.
- Check both Friction Bollards.
- Check the Tending Pulley.

During Each Use:

Continuously monitor the condition of the Rope Runner and all connections in the system.

Wear and Replacement Parts:

Normal use of the Rope Runner will cause friction, leading to wear. Dirty and gritty ropes can accelerate this wear. Replacement parts are available through authorized Singing Tree retailers. Do not use aftermarket parts from any other source.

- Body Wear:
 - The spine of the Body may develop a groove over extended use. If the grooving is excessive or shows signs of cracks, bends, or sharp edges, replace the Body immediately. Use only replacement Bodies from authorized Singing Tree retailers.

- Side Plate Wear:
 - Side plates on the Rope Runner and its components should not wear under normal use. Wear is likely due to misuse and can cause serious injury or death. Replace side plates only with authorized Singing Tree parts.

- Bollard Wear:
 - If any grooving is present on the Friction Bollards, replace them immediately. Use only replacement parts from authorized Singing Tree retailers.

- 9/16" Stainless Steel Nylock Nuts:
 - These are locking nuts. If any of these nuts are removed for any reason, such as part replacement, they must be replaced with a new 9/16" Stainless Steel Nylock Nut. After installation and removal, their locking power is reduced, and reuse could lead to serious injury or death. Use only 9/16" Stainless Steel Nylock Locking Nuts from authorized Singing Tree retailers.

Retire The Rope Runner If:


- It has experienced a major fall or load
- It fails an inspection
- You have any doubt about its reliability or condition
- You do not know its complete usage history

Markings:


- Ensure your Rope Runner is an official Singing Tree product by looking for the "Singing Tree" and "Rope Runner" markings on the device.


Additional Information:

- Always have a rescue plan in place for any difficulties encountered while climbing.
- Climbers must be physically and medically fit for climbing.
- When using multiple pieces of equipment with the Rope Runner, a failure in one piece can compromise the safety of others.
- When using multiple pieces of equipment, the instructions and warnings for each piece must be followed.
- These instructions cannot cover every possible climbing system using the Rope Runner. It is the user's responsibility to choose the appropriate climbing system for the situation and to understand all aspects of that system. Ultimately, the climber is responsible for the safety of the climbing system and themselves.

	WARNING
	<ul style="list-style-type: none">• The Rope Runner is for expert use only. It is the user's responsibility to climb safely and have proper instruction.• Users must practice extensively in a no-risk situation before using the Rope Runner in any situation where injury may occur.• Be aware that any at-height activity involves inherent dangers that no tool or instruction can completely negate.• Installing the device upside down or incorrectly can lead to serious injury or death.• READ ALL INSTRUCTIONS COMPLETELY AND CAREFULLY BEFORE USE.

Important Considerations for Safe Climbing:

	WARNING: Use Appropriate Length of Rope
	Always leave enough rope for the climber to reach the ground. Use a stopper knot to prevent the Rope Runner from sliding off the rope.

	WARNING
	Failure to properly anchor any rope climbing system will lead to free fall, resulting in serious injuries or death.

NOTE:
Reading these instructions alone does not qualify you to climb using a Rope Runner. There are many ways to misuse this device and numerous dangers in climbing, and it is impossible to list them all. If you are not willing and able to assume complete responsibility for your safety, do not use this device.

Manufacturer Information

The Singing Tree OG Rope Runner

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