

# WARNINGS

Kiwi Climbers products are meant to be used by qualified arborists during the dismantling of trees. The Spikesender is used to aid ascending by gripping the rope to tend slack generated and can be used to provide a temporary (non life supporting) foot hold. These devices are only to be used by arborists already familiar and experienced with other foot ascenders and climbing stirrups.

## **Kiwi Climbers products are **NOT TO BE USED AS LIFE SUPPORT.****

- Tree climbing professionally or recreationally is very dangerous. There is nothing we can do about that.
- It is the users responsibility to use these devices safely , in a wise prudent manner and to obtain the correct training. These are not a tools for extreme activities.
- Do not use this device unless you are willing to take responsibility for your own life, any device is subject to failure
- You must never use the spurs or spikesender as part of a life support system. They are climbing aids only and are never to be installed above any life supporting system!
- Kiwi Climbers also known as New Zealand Climbers Limited are not responsible for any direct, indirect or accidental consequences or damage resulting from the use of these products.

## **Basic operation:**

The Spikesender when used correctly will aid tree dismantling by tending slack generated in the climbing system and provide a temporary foot hold while the cam is engaging the rope.

The KK CF stirrups will provide temporary foot holds while the gaffs are securely lodged into a secure part of a tree.

## **Rope Selection:**

The Spikesender was designed for 24 strand double braid ropes or kernmantle construction 11 – 12.75 mm in diameter.

## **DANGER:**

- **When using the spikesender to tend slack be sure to leave clearance between the gaffe, your body and other equipment.**
- **Failure to install the rope correctly or maintain the position of the rope between the outer housing and the cam of the spikesender can cause a short fall/slip into your life support system. Your ascending (foot lifting) technique must be adequate - otherwise use a lock button to prevent kick out.**

## **SPECIAL WARNINGS:**

- **Practice using device low and slow before using at heights.**

## Pre climb inspection

Spikesender, Spacer & Gaffs –

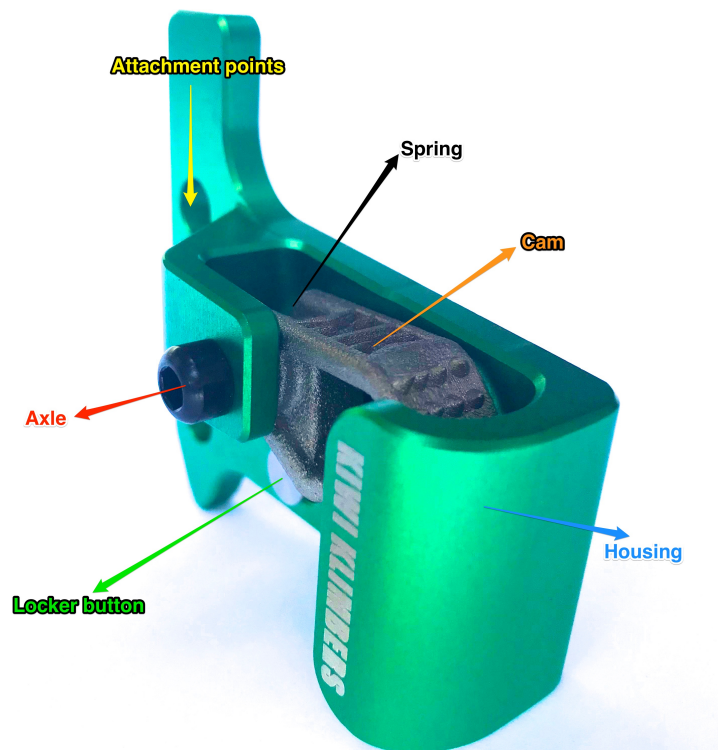
Attachment points: Bolts are tight, spikesender has not shifted, look for fractures.

Spring, Axle & Cam: are operational free from debris

Housing: Is not fractured, different from its original shape or excessively worn.

Gaffs: Have not moved, not fractured / bent, different from original shape or excessively worn.

**If any part doesn't pass a visual and physical inspection discontinue use**



## **Pre climb inspection**

### Climbing Stirrups

**Shin cups:** Have not moved, not fractured / bent, different from original shape or excessively worn.

**Strapping:** Excessive wear, burn or abrasion compromising more than 15% of a single strap. Stitching is intact.

**Nylock nuts and cap screws:** Are not loose, missing or fractured / bent, different from original shape or excessively worn

#### **Stirrups:**

- Have not started to delaminate especially at points marked in by arrows.  
Testing shows typical failure @ 3.6Kn at time of manufacture.
- Check on bottom of stirrup. If layer of double bias is partially missing they no longer carry the original integrity at time of manufacture, they are prone to delamination & failure.



**Bucklings & Rivets:** Have not moved, not fractured / bent, different from original shape or excessively worn.

**M8 Bolts:** Are tight. Have not moved, not fractured / bent, different from original shape or excessively worn.

**If any part doesn't pass a visual and physical inspection discontinue use**

