

RP280 Rope Wrench

General

ISC equipment and components for prevention of falls from height meet or exceed recognised European, American or other International standards. A multi-language user instruction manual should accompany this product. It is the users responsibility to read and understand these instructions before use.

WARNING - Activities involving the use of this equipment are inherently dangerous – this equipment should only be used by a competent person or a person specifically trained in its use who is under the direct supervision of a competent person.

Responsibility

It is the user's responsibility to ensure understanding of the correct safe use of this equipment, to use it only for the purposes for which it is designed, and to practise all proper safety procedures. It is mandatory that a Risk Assessment be carried out prior to any use and a rescue plan be in place for any work at height. Do not exceed loads either specified by the manufacturer or loads derived from the specified MBS using a recognised factor of safety. Do not under any circumstances modify the product as alterations may render it ineffective.

Compatibility

Always ensure that all components within a safety system are compatible and allow the system to function safely. This product is designed to be used with an effective climbing hitch. For use with mechanical friction devices, please consult the manufacturers user manual for that device.

Use Inspection

Immediately before, during and after use make visual inspections of the product to ensure that it is in a serviceable condition and is operating correctly.

Use Requirements

It is recommended that the viability of any installation should be verified by a suitably qualified person.

Extreme care should be taken when using this product near harmful chemicals, moving machinery, electrical hazards and near sharp edges and abrasive surfaces. Wet and icy conditions may cause the rope to become slippery. Users MUST be knowledgeable in the use of SRT anchoring systems to use this product.

Figure 1 – Installation

1a -Installation on rope

Remove the slic pin.

Put the device so that the rope sits between the side plates, against the wheel.

Replace the slic pin.

WARNING – this device relies on being installed in the correct orientation. **DO NOT INSTALL DEVICE UPSIDE DOWN (see fig 3c).**

Figure 2 – Operational check

Before each use, to verify the correct installation on the rope, a test must be carried out. Move the device up and down the rope. It must slide smoothly and easily. Ensure the hitch grabs.

2a—Neutral: ready for ascent.

When the Rope Wrench is in neutral gear, it can travel freely up and down the rope. In this position the climber must depend on their hitch cord for life support.

WARNING – The Rope Wrench cannot be relied upon to automatically engage and provide assistance to your hitch.

2b—Engaged: ready for descent.

When the Rope Wrench is engaged, it is safe to descend on your hitch. Before descending the Rope Wrench can be manually adjusted to engage.

Bad Practice—Fig 3

3a— Do not tie a hitch that is loose and does not engage every time.

3b— Make sure the tether does not become entangled with the Rope Wrench and interfere with the proper function of the hitch.

3c—Do not install the Rope Wrench upside down.

3d— Ensure the tether is attached to the system.

Figure 4—Best Practice

A well tied and set friction hitch must be secured to the climber below the Rope Wrench. This hitch must be tied so it engages every time.

Removal

The removal of the device is the reverse of installation.

Tether

For further details of compatible tethers, please either contact your local retailer or the system designer Singing Tree directly:

Singing Tree Rope Tools LLC.,
33 East Parkhurst, Detroit,
Michigan 48203
www.ropewrench.com
info@ropewrench.com

Product Inspection & Maintenance

In addition to the visual inspections (see Inspection) a thorough examination should be carried out by a competent person in line with applicable legislation and the intensity and environment of use. ISC recommends a thorough examination at least every six months. The product should be immediately withdrawn from use and not used again until confirmed in writing by a competent person that it is safe to do so, should any doubt arise about its condition for safe use or, if it has been used to arrest a fall. Extreme temperatures and the effects of chemicals, rust, cuts and abrasions could affect the performance of the equipment. Defective equipment shall be put beyond use to ensure it is not used as safety equipment.

Modifications, repair

There are no serviceable parts on the Rope Wrench device except for the tether. If you attach or replace the tether, it is your responsibility to ensure that the nut is tight before using the device.

Cleaning

The product must be cleaned regularly (or after every use in a marine environment) with a mild detergent. Afterwards the product should be rinsed in clean water and allowed to dry naturally. Alternatively an air gun can be used to clear debris from device. Moving parts may be oiled regularly with a light oil such as 3-in-1. A small drop may be applied as required. Remove all excess oil from the device, with a soft rag/cloth, before use .

Storage & Transportation

The product should be stored in a clean, dry environment away from exposure to UV, corrosive or chemical substances or extreme heat sources. Care should be taken to protect the product against damage during transportation.

Manufacturers' responsibility

The manufacturer or distributor will not be held responsible for any eventual damages, injuries or death resulting from an improper use of this equipment. If there is any doubt about the compatibility of the products you have chosen please consult the manufacturer