

Important:

Please read and understand these instructions before use. This product should only be used by trained & competent operatives, or under the supervision of such a person.

Use

The SAR Rocker is a multi-use rope access and technical rope rescue back-up device. Examples of its potential uses are:

- Back-up device in a twin line rope access type system
- Fall arrester on a vertical flexible line
- Rope adjustment in a work restraint system
- Rope grab in a hauling or tensioning system

It is the user's responsibility to ensure that any items of PPE or other equipment used with the Rocker are compatible and do not interfere with the safe function of any other component. Any item of equipment used must comply to the relevant standard(s).

Note:

The information in this guide meets the requirements of the EU PPE Regulation 2016/425 . It is not comprehensive and cannot be substituted for the correct training, which can be provided if required. If in any doubt, contact SAR Products using the supplied information.

Safety

The safety provided by the Rocker is dependant on the scenario, the anchors used and the skill of the user. The strength and suitability will be reduced through factors such as, but not limited to, age, wear & tear, abrasion, cuts, high impact loads, tight/sharp edges, knots, some chemicals (e.g. strong alkalis), UV exposure, environment (damp or icy conditions), failure to store & maintain as recommended, etc.

The Rocker will perform differently when used outside of normal climatic conditions. The user should keep any fall factor and lanyard length to a minimum at all times.

An appropriate connection method must always be used between the harness and the anchor or system. The user must consult the instructions for any other components used in a fall protection or fall arrest system and must pay attention to information including fall clearance distances, etc.

When used under the EN358:2018 Standard, this device must not be used for fall arrest, however, it is specifically designed for fall arrest under the EN12841:2006 and EN353-2:2002 Standards.

Fall clearance distance = 2x length of lanyard (FF2) + height of operative + slip (max 0.75m) + rope elongation + safety factor (1.0m)

A rescue plan should always be in place prior to any work at height.

Do not alter or repair the product in any way.

Any component subjected to a dynamic loading should be examined and discarded if there is any sign of defect, or any doubts about its safety.

Lifespan

The lifespan of any product will be affected by the conditions in which it is used and stored/ maintained. This product is manufactured using high grade aluminium alloy & stainless steel components. Textile components should be retired no later than 10 years after the Date of Manufacture. Metal components will have an indefinite lifespan, depending on use.

The working life will be reduced through general wear and tear, abrasion, cuts, damage to component parts, inappropriate ancillary equipment, high impact load, prolonged exposure to UV light including sunlight, elevated temperature (50° C max), exposure to some chemicals or failure to store and maintain as recommended. This list is not exhaustive.

Maintenance

Always keep the product clean and dry. Any excess moisture should be removed with a clean cloth and then allowed to dry naturally in a warm room away from direct heat. Metal parts may be lubricated with a dry PTFE lubricant or WD40 type spray. Care must be taken not to contaminate any surface that relies on friction to operate, or comes into contact with textiles or rope. Excess lubricant should be wiped off to avoid attracting dirt.

Anchorage

Anchor points should always be assessed for strength and suitability for the task (EN795, minimum 12kN). Sharp edges, abrasive or high temperature surfaces should be avoided or protected against. Anchor points, wherever possible, should be above the user.

Cleaning

Rinse in clean cold water. If still soiled, wash in clean warm water (max. 40°C) with pure soap or a mild detergent (within pH range of 5.5 to 8.5). A machine wash may be used, but care must be taken to protect against mechanical damage, for example by placing the item in a bag prior to washing. Rinse thoroughly in clean cold water.

Chemicals

Avoid contact with any chemicals which could affect the performance of the product. If contact occurs, or is suspected, then remove the product from service immediately. If used in a marine environment, thoroughly rinse in clean cold water and dry after each use.

Storage

After cleaning, store unpacked in a cool, dry, dark place away from excessive heat sources or other possible causes of damage. Do not store wet. Transport in a suitable protective bag.

If a long shelf life is required it is advisable to store in a moisture proof package.

Inspection

Before each use, conduct a visual inspection and function test to ensure the product is in serviceable condition and operates correctly. A periodic examination should be carried out at by a competent person at least every 12 months. These inspections should be recorded, paying particular attention to areas of potentially high wear such as attachment points, textiles, cams, bearings, etc. In the UK, the frequency of periodic inspection should be at least every 6 months; it is the user's responsibility to ensure they comply with the guidance for inspection in their own country or region.

Textiles: Check for cuts, tears & abrasions, damage due to deterioration, contact with heat, alkalis or other corrosives, label legibility.

Stitching: Check for broken, cut, loose or worn threads.

Metals: Check for cracks, distortion, corrosion, wear by abrasion, burrs, worn or loose rivets or screws, discolouration caused by extreme heat (greater than 100° C) broken springs, seizure of moving parts, broken or missing components, marking legibility.

Immediately withdraw from service any items showing defects. Any repairs must be carried out by the manufacturer or their authorised agent.

Warning

Work at Height and Rescue are hazardous activities. It is the user's responsibility to ensure understanding of the correct and safe use of this equipment, to use it only for the purposes for which it is designed and to practise all proper safety procedures.

The time that a casualty is suspended should be kept to a minimum. Attention should be paid to the dangers suspension trauma.

The user shall ensure that the safe function of this product is not impaired by, and does not impair, the safe function of another component or system. Rope diameter, construction, age, wetness, slipperiness, tension, etc will affect how the device performs. In a safe place, users should familiarise themselves with the function and performance before each use. The effects of ice, dirt, snow, oil, etc on the rope must also be considered.

Strengths quoted are when the product is tested new and are in accordance with the manufacturer's test methods to the appropriate standard. Any weights and measurements are within the standard's specified tolerances.

When the anchor line becomes loaded by the full weight of the user this becomes the working line and a safety line should be used in addition for the optimum safety of the user. Overloading or dynamic loading may damage the anchor line.

Markings

Each individual component is marked, where applicable, with:

- The name, trademark or any other means of identification provided by the manufacturer or supplier.
- The batch or serial number
- The date of manufacture (DoM)
- Product description and/or reference
- The British &/ or EN standard(s) to which the item conforms
- Min/ Max rope diameter (commercially stated rope diameters have a tolerance up to ± 0,2 mm)
- Load rating
- UKCA &/or CE mark & notified body number

Rocker serial number: the first two digits are the year, the next six digits are the batch, and the last four are the individual serial number.

It is essential for the safety of the user that if the product is re-sold outside the original country of destination the reseller shall provide instructions for use, for maintenance, for periodic examination and for repair in the language of the country in which the product is to be used.

Nothing in this document affects the consumer's statutory rights.

Inspection & Maintenance Record

Date & Time	Type of Inspection & Comments	Name & Signature of Inspector	Next Inspection due

User Guide Rocker



UK
CA
0120
CE0598



Specialist Access & Rescue
Products Ltd.

User Guide Rocker



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CA
0120
CE0598



Specialist Access & Rescue
Products Ltd.

Instructions for use - Installing on the rope:

- Use a locking karabiner to connect the Rocker to the attachment point. This may be the sternal attachment of the user's harness, or an anchor. **Fig 1**
- Swivel open the front plate whilst keeping the rear plate connected to the karabiner. **Fig 2**

- Insert the rope between the 2 cams, ensuring that the pictogram of the person is pointing upwards, or towards the load. **Fig 3**

- Swivel the front plate closed and connect both holes with the karabiner. Check the karabiner is locked. **Fig 4**

- Carry out a function test by sliding the Rocker up the rope, and then checking it locks onto the rope in the opposite direction. **Fig 5**

- The Rocker can be parked in position by activating the thumb catch. This is operated by simply pushing the catch downwards, and can be deactivated by pushing the catch back into place. **Fig 6**

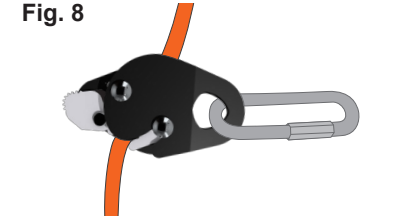
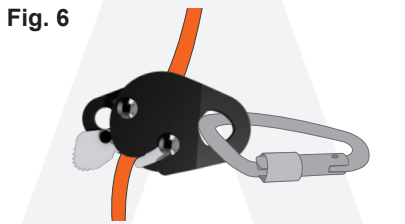
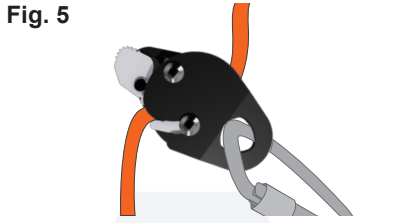
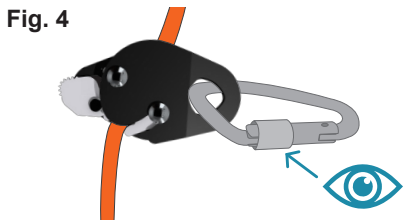
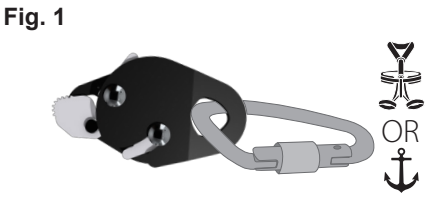
- Although the tests for these EN Standards are carried out using a one metre lanyard, SAR strongly recommends that the Rocker is connected directly to the user's harness, or that the lanyard is as short as possible. The maximum recommended lanyard length is 20cm plus standard sized connectors. The SAR Rocker Sling Assembly is designed for use with the Rocker. The Rocker must remain in reach of the user **Fig 7**

EN12841:2006-A Rope access systems. Rope adjustment devices.
 For use with 10.5mm to 11mm diameter EN1891 Type A rope. Max user weight 150kg (including tools, equipment, etc). *See additional note for rescue*

Back-up device:

- Must be connected to the sternal attachment point on the user's harness. (EN361)
- Should be kept over the user's arm wherever possible.
- Should be kept as high on the rope as possible during use.
- If the Rocker becomes locked onto the rope during use, the device can be released by activating the parking brake and placing a karabiner through the hole it covered (release hole). Check the descender or other main device is locked off & safe, and then pull downwards on the karabiner in the release hole.

*NOTE for use in rescue:
 When tested in a fall factor 2 with a 200kg test mass and a 30cm sling plus standard sized connectors (47cm total), the SAR Rocker passed the test requirements. The maximum impact force was recorded as: 4.9kN on 10.5mm rope with a slip distance of 1.75m; and 4.1kN on 11mm rope with a slip distance of 1.6m. This was well within the specified maximum of 6kN and 2m slip. Therefore the lanyard, when the user weight (including tools, equipment, casualty, etc) exceeds 150kg, must not exceed 47cm in length including connectors. **Fig 8**



EN353-2:2002 Guided type fall arresters including a flexible anchor line.
 For use with SAR supplied 10.5mm and 11mm diameter EN1891 Type A rope. Max user weight 150kg (including tools, equipment, etc).

Fall arrester on a flexible line:

- Must only be used with the rope it has been tested with. ie SAR 10.5mm & 11mm low stretch EN1891-A.
- Must be connected to the sternal attachment point on the user's harness. (compliant to EN361)
- Should be kept over the user's arm wherever possible.
- Should be kept as high on the rope as possible during use.

The lanyard must not exceed 47cm in length including connectors.
 Where the complete system is supplied, the components of the system must not be substituted.

EN358:2018 Belts and lanyards for work positioning and restraint. Adjustable lanyards.
 For use ONLY with SAR Rocker Lanyard 10.5mm and 11mm. Max user weight 150kg.

Work positioning or restraint:

- Must be used with a belt or harness conforming to EN358 or EN813 or EN361.
- An 7mm oval Maillon, locked to the correct torque setting, must remain in place for use in this category, preventing the rope from being removed without tools. **Fig 8**

- Can be used in single mode, with the rope connector to an anchor, and the device connector to an appropriate attachment point. **Fig 9**
- Can be used in double mode as a pole strop, with connectors clipped to 2 side 'D's on the waist belt, or both connectors clipped to a ventral attachment point. **Fig 10**
- Care must be taken when adjusting the length in double mode when the device weighted. The lanyard should be kept taut wherever possible.

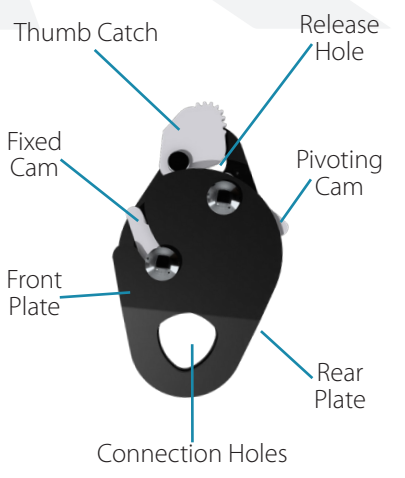
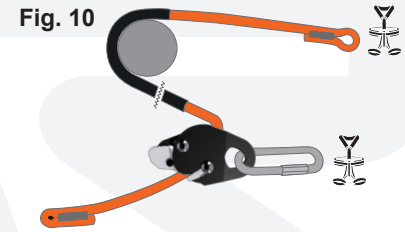
Specifications
 When tested with SAR 11mm Low Stretch rope (16 plait kernmantle), the average static load before slippage was 4.2kN.

Tested with: Teufelberger 10.5 Patron Rope & SAR 11mm Low Stretch Rope

Weight of Rocker: 169g

Approved Body UKCA
 SGS United Kingdom Limited
 Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN
 Approved Body No: 0120

Notified Body
 SGS FIMKO OY, Takomotie 8, FI-00380 Helsinki, Finland. Notified Body No: 0598



User's Name:
Date of Manufacture:
Date of Purchase:
Date First Used:
Product Serial No.:

Certificate Of Conformity

We certify that the SAR Rocker conforms to the requirements set out in EN12841:2006-A, EN353-2:2002 and, EN358:2018

Signature: 
 For SAR Products Ltd.

Declaration Of Conformity

The EU/UK Declaration of Conformity is available by scanning the QR code or visiting: www.sar-products.com/eu-doc/



Sarena House, Vulcan Street, Oldham, OL1 4LQ United Kingdom

T: +44 (0)161 621 0309
 E: sales@sar-products.com
 W: sar-products.com