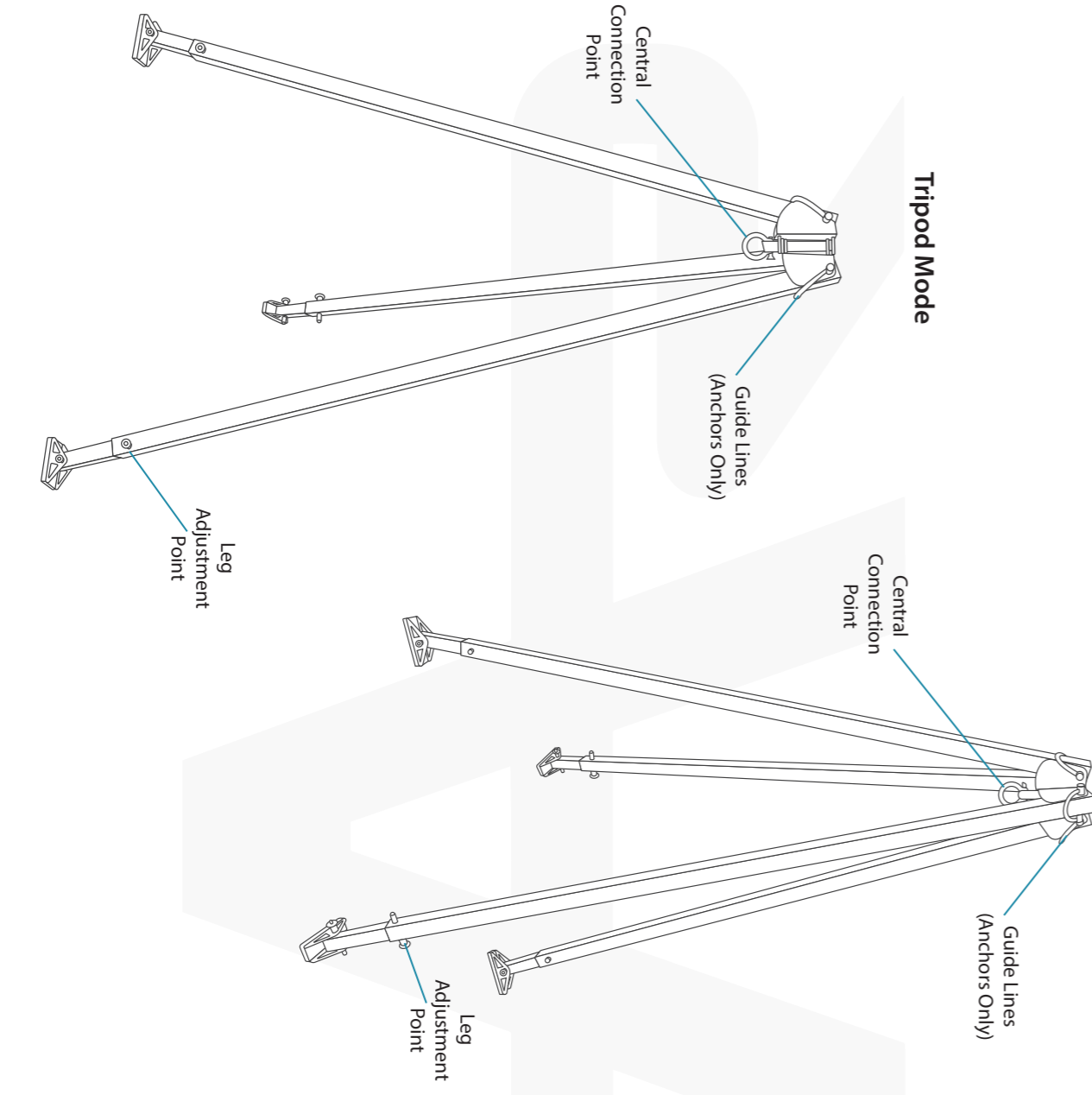
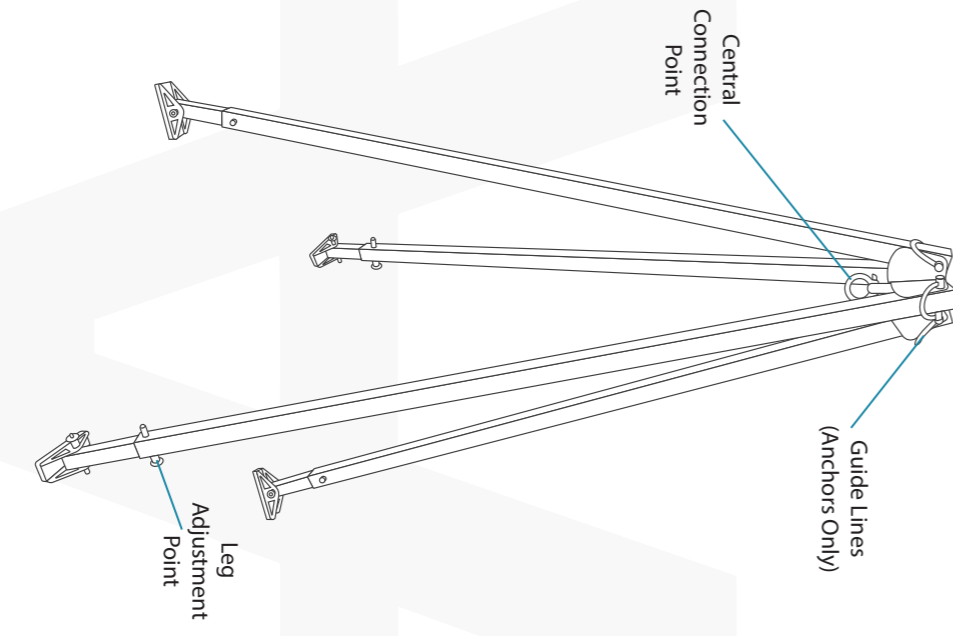


Beam Mode



Tripod Mode



Quadpod Mode

Product Record

This documentation should be issued with and kept for each item or system. Please see the product label for the details required below. Consult this guide for advice on inspection, maintenance, lifespan, etc.

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

Inspection & Maintenance Record

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

Declaration Of Conformity

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



Certificate Of Conformity

We certify that the Multipod conforms to EN795:2012 Type B, CEN/TS 16415:2013 Type B Other components used with this product must conform to the relevant EN standards.

Signature:..... For SAR Products Ltd



Specialist Access & Rescue Products Ltd.

User Guide:
Multipod



Conforms to:
EN795:2012 Type B & CEN/TS 16415:2013 Type B

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The SAR Multipod conforms to:

CE0598 & UKCA0120, EN795:2012 Type B for a one person load centre eye in Quadpod mode Tripod mode and Beam mode.
 CEN/TS 16415:2013 Type B for a 3 person load centre eye in Quadpod mode, Tripod mode and Beam mode.

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.

When the Multipod is used above a one person load then this is not classed as PPE and therefore does not fall under the PPE Regulation 2016/425.

Design

The Multipod was designed specifically for technical rescue and access. It is far more adaptable than any other product on the market. It enables the user to access many areas other devices cannot. We strongly advise the user to be trained in its many uses and learn about its physical strengths and weaknesses.

Use

The Multipod has been designed as a removable elevated anchor point as shown in the positions below. The positions and the working load limits must be followed at all times to be compliant to the standards list above. The Multipod should be assembled by a competent person.

The Multipod should only be used for personal fall protection equipment and not for lifting equipment.

When the Multipod is used as part of a fall arrest system then the user must use a device that will limit the impact force to 6kN.

Weights must be taken into consideration or calculated before the Multipod is used.

During normal operating conditions and under the guidelines set out in this user guide, there will be no deflection or deformation.

Consideration to the surface the Multipod will be used on must be taken into account, for example: Can the ground take the loading that will be applied and is the ground uneven? The feet must be as close as possible on the ground, failure to check may result in dramatically lower working load limits.

The Multipod can also be used in many other positions which are described further on. The Multipod can be used as an anchor in the following recommended modes conforming to the standards above:

1. Quadpod mode standard pyramid, Short front legs, long back legs, short back legs, long front legs as in diagrams A, B & C.
2. Tripod mode, Short front legs, long back leg, short back leg, long front legs as in diagrams D, E & F.
3. Beam mode, Short front legs, long back legs, short back legs, long front legs as in diagrams G, H & I.

Working load limits of the Multipod

The working load limit refers to the total load limit the Multipod can be used with in diagrams A, B, C, D, E, F, G, H & I.

The working load limit for a static load used with the Multipod is 300Kg. Where dynamic loads are to be used, please refer to the standard and the part of the Multipod that has been tested for these loads.

1. CE0598 & UKCA0120, EN795:2012 Type B for a one person (100Kg) load centre eye and Beam only.
2. CEN/TS 16415:2013 Type B for a 3 person (300Kg) load centre eye and Beam only.

Breaking load limits

For a single person load EN797:2012 the minimum breaking strength is 15kN. The centre eye meets these requirements when used in the positions in diagrams A, B, C, D, E, F, G, H & I.

For a 3 person load CEN/TS 16415/2013 the minimum breaking strength is 15kN.

Inspection and Maintenance

- Before and after every use.
- Check all the locking nuts are secure.
- All retaining pins are in place.
- Ensure the eye bolt at the head of the Multipod is free of dirt and free in movement.
- Check the rubber feet are free from defects.

After use wipe down any excess moisture and coat pins and bolts in light machine oil wiping away any excess oil.

Maintenance and inspections should only be carried out by a competent person at least every 6 months.

Warning

Always remain within the foot print of the Multipod when set up as a removable anchor point and always remain below the anchor point, this will minimise a pendulum fall onto the anchor point which could potentially make the Multipod unstable.

The Multipod adjustable webbing leg straps must be used at all times.

Diagram A

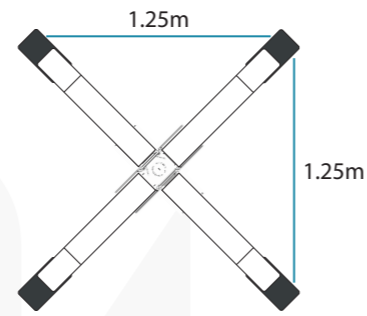


Diagram B

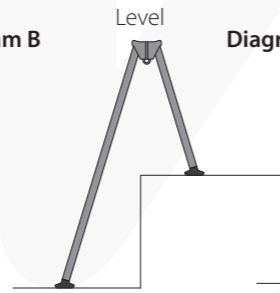


Diagram C

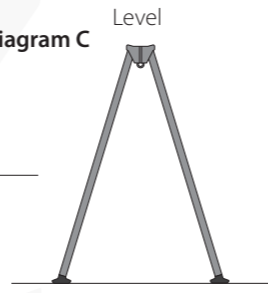


Diagram D

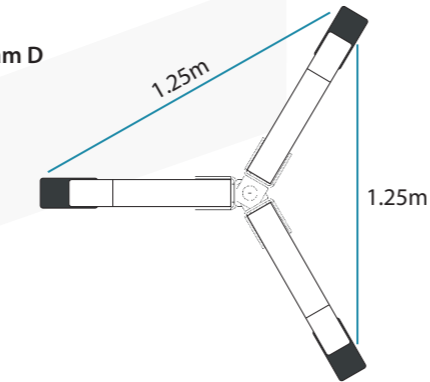


Diagram E

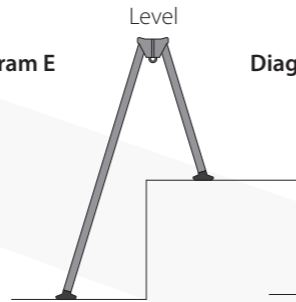


Diagram F

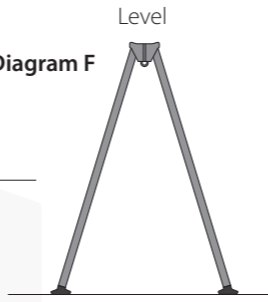


Diagram G

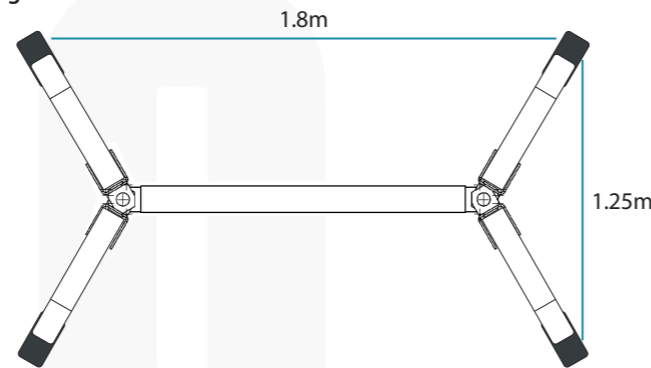


Diagram H

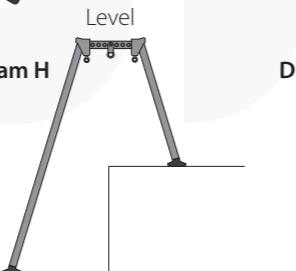
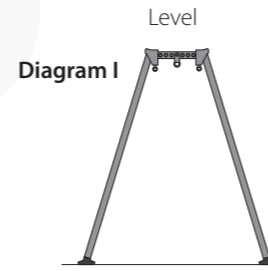


Diagram I



Assembling the Multipod.

The Multipod must be assembled in a safe area before use. It is the responsibility of the user to ensure their own safety when doing so.

Setting up the Multipod

1. Set the Multipod up as required in the relevant mode, please see diagram 1 for Quadpod mode, diagram 2 for Tripod mode and diagram 3 for Beam mode.
2. Adjust the legs to the correct height and width and lock the legs into position using the pins. Ensure as to not catch the fingers when doing so.
3. Connect the Multipod adjuster buckles between the legs, These need to be clipped into the small feet at the bottom of the legs and must be used at all times.
4. Pull the strap through buckle as in figure 1.
5. Press inner buckle clamp to release in figure 2.

Fig 1

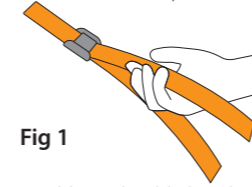
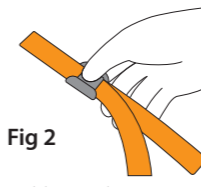


Fig 2



6. Excess webbing should be pulled in the elastic webbing tidy.
7. When using the Multipod in Quadpod, Tripod and Beam mode always use the centre eye bolts and removable Beam bolts.

Diagram 1

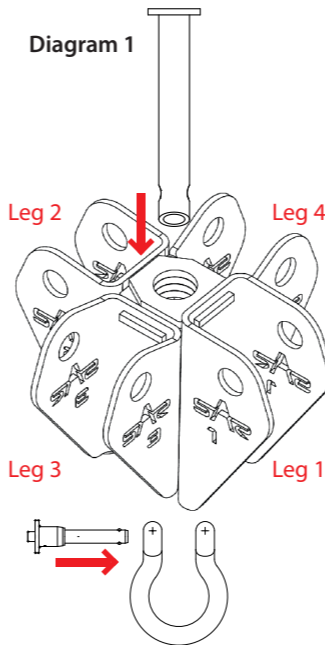


Diagram 2

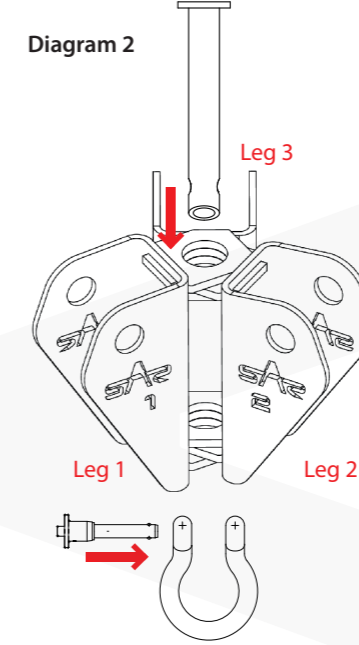


Diagram 3

Inspection of metal parts

Check welds and metal parts for cracks, distortion, corrosion, wear by abrasion, burrs, worn or loose rivets, bolts or screws, discolouration caused by extreme heat (greater than 100° C) seizure of moving parts, broken or missing components. Check that all holes that take the locking pins and eye bolts are not deformed and that they slot into the holes without force. Check that there is not excessive play in any of the holes.

Immediately withdraw from service any items showing defects or that it has arrested a fall and the product should not be used again until confirmed in writing by a competent person that it is acceptable to do so. The user's life depends on it. All repair work should be carried out by the manufacturer or with their authorisation. No alterations/modifications to the equipment must be made without the authorisation of the manufacturer.

Inspection of pins

Check that the release button is not broken and moves freely and that the locking balls move in and out when the button is pressed and released. Check that the pin is not bent and slots into the hole in the leg without force and that the pin will not pull out of the leg when the button on the pin is not pressed. Any pin that is faulty the leg must be taken out of service immediately. An example of a correct pin is shown to the right.

Specifications

- Materials & Coatings:
- Legs: Aluminium powder coated.
 - Head: Stainless steel.
 - Bolts & Pins: Stainless steel.
 - Straps: Polyester webbing.

Weight

- Quadpod mode only: 15.1kg
- Tri pod mode only: 11.45kg
- Beam mode with 2 carriers: 17.55kg
- Beam mode with 1 carrier: 17.3kg
- Leg Securing Straps: 1Kg
- Storage Bag: 1.35Kg

Meanings of Markings

- The name, trademark or any other means of identification provided by the manufacturer or supplier.
- The batch or serial number
- The year of manufacture
- UKCA &/or CE mark with approved &/or notified body number
- The British &/ or EN standard(s) to which the item conforms
- Product description and/or reference
- Evaluation of capacity in Kg

Notified body

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

Approved Body UKCA

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

The multipod in Quadpod, Tripod and Beam mode can be used in other positions as shown below.

The positions show below do not fall under the test requirements of the above standards and careful consideration and calculations of loads must be taken into account by the users before carrying out any tasks.

1. Offset pyramid
2. Half pyramid
3. Overhanging

All above settings 1, 2, & 3 do not fall under the test requirements for EN795 and CEN/TS 16415. Option 2 & 3 positions must be anchored to the anchor u bolts at the top of each leg and the anchors strong enough to conform to the standard 15kN.

1. The offset pyramid is best for tensioned cable lines using the central connecting eye for your pulley. The reason for this is the force down should be central to the multipod when you dissect the angle. Another pulley can be fitted under the cable pulley or pulleys for the hauling.
2. When using the half pyramid or overhang setting for cliff or edge rescue, you should use the central connecting point. The angle of the load needs to be central and within the foot print of the Mutipod and there should be no need to fasten down to secure the legs.

In these positions you MUST use a back securing rope from a firm anchor to the top back outer anchor u bolts prior to load being put onto the system. When using a guide rope all connectors must conform to EN362. A guide rope should only be connected to the anchor u bolts at the top of each leg and no other part of the Multipod.

SAR Products do recommend training on using the Multipod.

Further instructions for rescue use positions can be found in the add on user guide.

