

IMPORTANT: Please read and understand the following information before use. Please keep safe for future reference

This product must only be used by suitably trained personnel who are competent in its safe use. Recommended for personal issue.

The RGR1 must only be used for its intended purpose, which is to provide as a personnel anchor point suspended over a man hole or ground opening. Suspension is from either of the 2 suspended eye bolts, or the pulley system used in conjunction with a retractable type fall arrester (RTFA), and/or winch which is mounted to the side leg. **Do not use for any other purpose.** It is strongly recommended that a secondary or back up system be attached using the eyebolts on the tripod head.

User Instructions

Before every use, the user must be suitably trained and qualified to carry out a pre-use check to ensure the Tripod is free from defects, and is in a safe condition for use. The pre-use check **MUST** include the checking of all components to ensure there are no loose or damaged parts.

Firstly, establish the intended location for assembly, then carefully remove the tripod from its packaging. It is recommended to assemble the tripod with 2 people. The tripod legs are released from the head casting by individually pulling the legs downwards, and by hand carefully guiding them outwards. Do not allow the legs to swing out unaided, as this could cause serious damage to the head. **Before use, ensure the legs are locked in the outermost position, the tripod is stable, level and locked and the footing is solid under each leg.** (see labels on tripod).

It is most likely that the legs will require adjustment in order to give safe clearance over the opening. Ensure the legs are well clear of the opening by at least 300mm and onto a secure surface. Adjust each leg in turn and in stages as necessary, and avoid applying any leverage force on the head.

Both the lower and middle leg parts have 11 adjustment holes at 80mm intervals. To ensure maximum stability, never adjust by moving only the centre or inner section to its extreme. Adjust both leg parts so that the locking pins fit through both legs. If a leg is ever dismantled from the tripod, ensure when it is replaced, that the triangular side of the foot always faces inwards. Always ensure the locking pins are securely fastened, and do not remove the pins by holding the wire. Pull out by holding the ring (Fig. 1).

Position tripod over the opening, so that the winch/RTFA cable is suspended in the centre. If the RTFA and/or winch require assembly onto the tripod, perform this in a safe area beforehand as follows.

How to fit the RTFA.

(also applies to the fitting of the RTFA with winching rescue handle, e.g. RGA4).

1. Unscrew the U bolts and attach the clamp to the outer side of the centre leg section only. The correct leg is in line with the pulley wheels. For extra security, push the clamp level with the base of the top leg. Ensure that the holes in the clamp are uppermost (Fig 2).
2. Place the bracket and RTFA over the bottom clamp pin and insert the pin fully through the top holes (Fig. 3 and 3a).
3. Slide out the two top pins from the tripod head. Extract cable from RTFA and loop cable over the two pulleys. Replace pins (Fig 4).

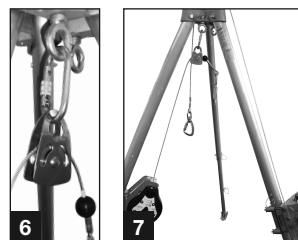
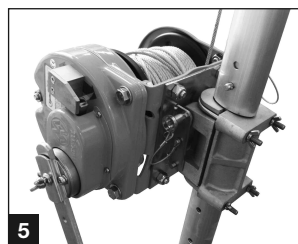
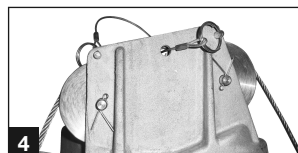
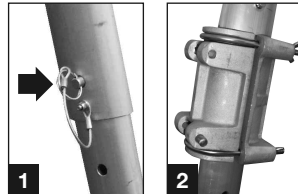
How to fit the Winch.

(when used over pulley wheels)

1. The winch bracket is different, however the fitting of the winch is the same as the RTFA (Fig 5).

How to fit the RTFA, when using in conjunction with a winch.

1. Attach the clamp to the inner side of either of the other two legs in the same method as above. Attach a EN362 connector to one of the eyebolts. Thread the RTFA cable through the split pulley and attach to the connector (Fig 6). Order connector and pulley separately.
2. Ensure the cables of the winch and RTFA do not interfere with each other (Fig 7).



7. Ensure that a full body fall arrest/rescue harness to be used with the tripod is suitably CE approved (e.g. EN361/EN1497) and the connectors are compatible with the harness attachment points. Be aware of any possible dangers, which may arise through use of combinations of items of equipment, in which the safe function of any one item is affected by or interferes with the safe function of another.
8. When using for the first time, ensure that the first part of the product record card is completed and the date of first use is recorded. Users are warned that certain medical conditions such as heart disease, high blood pressure, vertigo, epilepsy, drug or alcohol dependence, could affect the safety of the user in normal and emergency use.
9. **Never attempt to modify, repair or service this product without our written consent. Never attempt to open the tripod except for adjustment of the legs.**
10. It is essential to ensure the product is removed from service immediately if the equipment shows excessive wear or damage to any part, or has been involved in a fall. If in doubt, do not use and seek expert advice. The equipment must then only be used if confirmed in writing by a competent person that it is safe to do so.
11. Never expose the equipment to extremes of temperature outside the range of -25°C to +50°C. Avoid electrical contact and strong chemicals, which may damage the components. If using offshore try to limit the level of exposure to a minimum. If in doubt seek advice.

EXPLANATION OF PRODUCT MARKING

RidgeGear	Manufacturer (or customer) or contact details
RGR xx	Product code
Pictogram symbol	Warning to read the user instructions
Serial No.	Unique traceability number
Date of first use	Date first put into service
Date of last service	Date last service was carried out
Safe working load	Maximum SWL
EN795 : xxxx	EN standard and year
CE 0086	Article 11b approving body
User pictograms	Additional user instructions

MATERIALS

Either carbon steel or aluminium alloy.

STORAGE, TRANSPORTATION & CLEANING

1. Ensure that when the Tripod is not in use or during transportation, it is securely and suitably stored in a clean, dry area and away from direct source of heat or sunlight, or any potentially sharp or abrasive objects such as knives or tools. Wash off and wipe any build-up of dirt and grit particularly any moving parts.

PERIODIC EXAMINATIONS AND SERVICE

1. Before every use, the user shall inspect the equipment following the inspection guidelines below. The safety of the user depends upon the continued efficiency and durability of the equipment, therefore an additional thorough periodic inspection is required by an independent competent person familiar with inspecting this type of equipment. The frequency of independent examination and inspection must take into account legislation, equipment type, frequency of use and environmental conditions (particularly if used offshore). It is recommended that a competent person carries out a full inspection at least every six months, and records of such inspection are retained.
2. There is no lifespan obsolescence, as worn components are replaced as necessary during service.

INSPECTION

Legs and feet - check for damage and ensure all moving components still function correctly. Ensure all leg pins are present. If necessary re-adjust the leg sections to check the adjustment.

Head section - check carefully for damage including hairline cracks or distortion which can often be caused by misuse or if the tripod has been dropped. Ensure the eyebolts are still intact and fully secured to the underside, and the pulleys spin freely. Ensure pins are present.

Attachment RTFA/winch - as applicable check that these are fully secured and all fixings are locked in place.

Product marking - check that the product markings including the serial number are legible. Ensure the date of the last service is shown and has not expired.

Must be serviced/thoroughly inspected at least annually by RidgeGear or RidgeGear approved service agents, or more frequently dependent upon environmental conditions and frequency of use. Never attempt to tamper with or service the product by any other means.

Reject the Tripod immediately if any of the above defects are found or if in any doubt. Clearly identify as DO NOT USE.

REPAIR

1. This tripod must not be modified or repaired unless advised by us in writing. Only competent persons authorised by us may carry out any repairs. If in doubt contact RidgeGear for further advice.

RECORDS

1. When using for the first time, ensure that the first part of the product record card is completed and the date of first use is recorded.
2. Ensure that the product is inspected at regular intervals dependent upon frequency of use. Details of all inspections must be recorded in the spaces provided on the record card.
3. It is essential for the safety of the user that if the product is resold outside the original Country of destination that 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.

LIFESPAN

(See periodic examinations and service). Avoiding abrasion, contamination and correct storage will ensure optimum service life.

NOTIFIED BODY

1. Article 10 of PPE Directive. Satra Technology Centre, Telford Way, Kettering, NN16 8SD. ID number 0321.
2. Article 10 of PPE Directive. National Engineering Laboratory, East Kilbride G75 0QU. ID number 0320.
3. Article 11b of PPE Directive. British Standards Institution, 389 Chiswick High Road, London W4 4AL. ID number 0086.

GENERAL GUIDE

1. Before use, a detailed risk assessment must be carried out by the employer, to establish that this is the correct product suitable for the type of work to be carried out in the event of a fall, taking into account anchor points, potential fall distance (including pendulum), obstructions, rescue system, etc. Ensure before use there is a suitable rescue plan, enabling the retrieval of the user to a place of safety in the event of a fall.
2. Before use, ensure that the tripod is stable and all parts are securely fastened.
3. Never work alone and maintain constant contact with a colleague at ground level.
4. If the winch is being used to lower or raise the user, NEVER allow the cable to become slack as this can seriously injure the user in the event of a fall.
5. Ensure that the user cannot be subjected to a force of >6kN in the unlikely event of a fall.
6. Never use the rescue device of a RTFA to raise or lower a user. The rescue device must only be used in a rescue situation.