

Users Manual

For English speaking countries only



Standard Rescue Kit

Thank you for purchasing this **P&P Standard Rescue Kit**. Please take time to familiarize yourself with the correct use and operation. It is imperative that this **P&P Standard Rescue Kit** is only used for its intended purpose and that it is subject to a periodic recorded detailed inspection by a competent person.

To avoid personal injury, prior to using this **P&P Standard Rescue Kit** or training others to use it, **CAREFULLY READ** and understand these instructions. If there is anything you do not understand **DO NOT** use the **P&P Standard Rescue Kit**, contact the supplier or **P&P** for further details.

Certain information in this manual is governed by law and is subject to change without prior notice. Great care has been taken to ensure that the information is correct at the time of publication. However, it is the user's sole responsibility to ensure that they fully comply with all legal requirements. **P&P** will not accept liability for any inaccuracy or incorrectly stated legal requirements.

P&P operate a policy of continual improvement and reserve the right to change specifications without notice. The Manufacturer and / or their recognised agents, directors, employees or insurers will not be held liable for consequential or other damages, losses or expenses in the connection with or by reason of or the inability to use the **P&P Standard Rescue Kit** for any other purpose.

Note; training should only be delivered by a suitably qualified and competent person, i.e. a **P&P** products trainer.

Description

The **P&P Standard Rescue Kit** is a pre-rigged single person rescue kit that is both simple and quick to use. The equipment is used to perform a 'cut and lower off' rescue of a casualty suspended at height, to a point of safety. **The P&P Standard Rescue Kit** can also be used to perform a 'self-rescue' by abseiling to a point of safety.

The **P&P Standard Rescue Kit** comes complete with 11mm low stretch kernmantle rope and an Anthron descender. A **P&P** round sling is used to connect to the scaffold or similar attachment point. At the casualty end of the rope is a Kwiklock karabiner for easy attachment to the casualty's harness attachment (D-ring or loop). The equipment is contained in an easily transported rescue bag complete with rescue shears.

Standard rope length 20 metres

Custom rope lengths are available upon request.

Function

The **P&P Standard Rescue Kit** is used in conjunction with a **P&P** full body harness to EN361 to provide a rescue recovery system.

P&P recommend that users are trained in the proper use and practical/physical limitations of this system. Equipment specifiers / users must ensure this device is used with compatible ropes and connectors. Failure to ensure compatibility may result in an unsafe condition or even connector/link failure.

Warning

All work at height including the use of Personal Protective Equipment (PPE) as a control measure is subject to a suitable and sufficient risk assessment.

Usage

This **Standard Rescue Kit** is for personal use only. Only use EN362 connectors (hooks, karabiners etc.) approved and

recommended by **P&P**. Check the inspection record for this system to ensure that regular inspections have been correctly recorded. It is strongly recommended that the user is given adequate practical training prior to using this system.

DO NOT use the system until you have read and fully understood these instructions.

IF IN DOUBT, CHECK BACK WITH THE SUPPLIER OR P&P.

Diagram 1



Warning

Selection of a suitable anchorage point is critical and must in all cases be above the casualty and capable of taking a peak force of 12kN. This is usually a structural strong point or anchorage to BSEN 795.

Instructions for Use

1. Safely access the casualty, ensuring that the rescuer is attached to the structure at all times with suitable fall protection equipment.
2. Position the rescue bag onto the structure and lift out the rescue unit.
3. Select a suitable anchorage or structural strong point directly above the casualty. **The anchorage must be capable of taking a peak force of 12kN.**
4. Attach the Anthron descender to the anchorage using the **P&P** one metre round sling and Screwgate karabiner ensuring the karabiner gate is closed and screwed up tight.
5. Squeeze the handle on the Anthron descender to allow the rope to be extended to the required length. (Please see note A). Ensure that there is not too much rope paid out to eliminate any possible drop during the cut phase of the rescue.
6. Attach the rescue rope to the casualty's harness attachment point (D-ring or loop), ensuring that the gate on the Kwiklock karabiner is fully closed and secure.
7. Identify the casualty's used fall arrest lanyard (or similar fall protection product).
8. Double check that all connections are secure.
9. Holding the rescue shears in one hand, control the rescue rope by holding the free rope coming from the rescue bag with the other and cut the casualty free from their used fall arrest lanyard (or similar fall protection product), cut away from the rescue rope.
10. The casualty can now be lowered to a point of safety by squeezing the handle on the Anthron descender to allow the rope to pass through the unit. (Please see note A). Always control the rate of descent by feeding the free rope coming from the rescue bag into the Anthron descender with the other hand.
11. Ensure that a uniform rate of descent is maintained and that the casualty descends to a position of safety slowly.

(Note A)

The Anthron descender is a 'Double Braked Unit'. With the handle released the rope will not pass through, to allow the rope to pass the handle must be squeezed by hand to reduce the amount of friction. If the handle is squeezed too much the friction is re-applied and the rope will once again not pass through. Therefore, the rescuer must be in control of his/her actions at all times as the Anthron Descender is a fail-safe "anti-panic" design.

Do Not

- Do not use this system until you have read and fully understood these instructions.
- Do not anchor to a structure that itself can fall i.e. loose or unsecure structure.

- Do not loop the rope over a structure with sharp edges. Ensure edge radius is greater than 5mm.
- Do not allow the rope to become slack – adjust the Anthron descender to immediately take up any rope.

Do

- Do check the Anthron descender for correct operation – before using.
- Do check all connectors are correctly attached and their respective gates properly closed.
- Do check the rope is always kept taut and never allowed to become slack.

It is strongly recommended the user is trained in its proper use and practical/physical limitations.

Modifications and Repairs

No repairs, modifications or alterations are to be carried out on this **P&P Standard Rescue Kit**.

Inspection

Keep these instructions or a copy with the **P&P Standard Rescue Kit** for future reference to assist with inspections and safety checks.

- The equipment is subjected to a thorough visual and tactile inspection after manufacture and before packaging. It is then sealed into the rescue bag.
- Upon delivery to site ensure that the seal is intact. This initial inspection must be recorded.
- **P&P** recommend that at the start of every working day the equipment is checked to ensure that the seal is still intact and that the rescue bag is not damaged or contaminated.
- **P&P** also recommend that a recorded inspection of the seal and integrity of the rescue bag is carried out at least every 6 months (3 monthly in hazardous environments). This recorded inspection should be carried out by a competent person.
- After use the equipment should be removed from service until it has been subjected to a thorough visual and tactile inspection by a competent person. This interim inspection must also be recorded.
- **P&P** can perform this "after use" inspection and replace any worn or damaged parts as required. The kit will then be re-sealed as when new.

Whilst in use particular attention should be paid to the following:

- Metal components – inspect for signs of damage, distortion or corrosion,
 - ensure correct operation and locking of all connectors,
- Rescue rope – inspect for signs of wear or abrasion,
 - ensure that the rope does not run over sharp or abrasive edges or protrusions whilst under tension,
 - inspect for signs of unravelling or extension,
 - check for any reduction in the diameter of the rope

All Personal Fall Protection and Rescue Equipment should be immediately removed from service after being subjected to a shock load, or if there is any doubt about its condition or integrity.

Cleaning Maintenance & Storage

The **P&P Standard Rescue Kit** can be cleaned if required. The following cleaning method must be adhered to.

- Use hand hot water and mild detergent only,
- Use a cloth or sponge to wipe the equipment, do not soak, saturate or over wet the kit,
- Repeat the above with fresh, clean water to rinse,
- Allow to dry naturally before re-packing, do not force dry with direct (e.g. central heating radiator) or indirect (e.g. hot air blower) heat sources,
- After cleaning the equipment should be removed from service until it has been subjected to a thorough visual and tactile inspection by a competent person. This interim inspection must be recorded.

All safety and rescue equipment should be stored and transported in the following way:

- In a cool and dry environment,
- With no direct heat or sunlight,
- Under no strain or pressure,
- Not subjected to undue dust or contaminants,
- Away from harmful chemicals or substances,
- Dry,
- In an appropriate bag, box or cabinet.

Chemical Attack

Avoid contact with any chemical, which might affect the performance of this product, e.g these include all acids and strong caustic substances (vehicle battery acid, bleach etc.)

If subject to chemical attack, you must remove it from service and check with the supplier or **P&P** for advice on the possible consequence of chemical degradation.

Service Life

The **P&P Standard Rescue Kit** has a maximum working life of 10 years from date of first use, provided it is correctly stored and maintained. However, if the system fails any inspection it **MUST** be destroyed. See the Statement of Obsolescence within this manual.

About This Manual

This User Manual is for English speaking countries only. If you require this manual in a different language, please Contact **P&P**. When this item is sold on, this manual must accompany it and be supplied in the language of the destination country.

Product Details

The Product Code, Serial number and Date of Manufacture of the **P&P Standard Rescue Kit** should be entered on the back page of this manual for future reference and inspection purposes.

Warning

This **P&P Standard Rescue Kit** must be used by persons who are medically fit to do so. If you have any medical condition, are recovering from any medical condition or suffer from any physical or mental disability you must seek professional medical advice before using this rescue system.

Statement of Obsolescence

Due to the ingress of dirt and grit, chemical contamination, edge and surface damage, ultraviolet light degradation, and wear and tear, Fall Protection Equipment manufactured from synthetic fibres (webbing and/or rope) is subject to a manufacturer's statement of obsolescence, which is a requirement of BS EN 365:2004 a European Product Standard. Any item of Fall Protection Equipment manufactured by **P&P** with synthetic fibre components (webbing and/or rope) is subject to maximum life span of 10 years from date of manufacture, provided that the item has been correctly stored, maintained and subjected to regular recorded inspections by a trained and competent person. However, if the item fails any inspection, it **MUST** immediately be withdrawn from service and destroyed.

An item of Fall Protection Equipment incorporating synthetic fibre components (webbing and/or rope), manufactured by **P&P** from January 2015, which has been subject to a lifetime recorded inspection plan, may give a maximum life span of 10 years. The lifetime recorded inspection plan must be continuous from date of first use and be undertaken by a competent person appointed by the employer. Competent persons must be trained in the use and inspection of the equipment. The lifetime inspection plan must include as a minimum requirement, a pre use check and 6 monthly recorded inspections. The frequency of inspections should be determined by risk assessment, use and environmental conditions.

Reference should also be made to the British Standard BS 8437:2005 – 'The code of practice selection, use and maintenance of personal fall protection systems and equipment for use in the workplace' - clause 13.2 Lifespan, which states:

'Some equipment is given a life span or obsolescence date by the manufacturer. Equipment that has reached such a limit, which has not already been rejected for other reasons, should be withdrawn from service and not used again, unless or until confirmed by a competent person, in writing, that it is acceptable to do so.'

It should be noted that inspections carried out by a trained and competent person are only visual and tactile observations of the condition of the product; they are not testing the residual strength of the equipment. All synthetic fibres deteriorate slowly with age regardless of use and as a result, **P&P** strongly advises all users of Fall Protection Equipment to follow the manufacturer's statement of obsolescence.

For further advice on this statement, as well as training in the use and inspection of Fall Protection Equipment, please contact **P&P Safety Ltd.**



Designers, Manufacturers and Suppliers of Quality Height Safety & Rescue Equipment, Training & Consultancy

P&P STANDARD RESCUE KIT

PRODUCT NAME:.....

PRODUCT CODE:.....

SERIAL NUMBER:.....

DATE OF MANUFACTURE:.....

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