

Synergy[™] Casualty Harness

Product code: LSYNCH

EN 1498:2006 Class A & B

Maximum rated load: 150 kg

Read and understand these instructions before use.

These instructions must be kept for the life of the product.

All users should be suitably trained and competent to work at height using this product, or under the direct supervision of such a person.

Lyon Equipment Limited
Unit 3-7 Tebay Business Park, Old Tebay, Penrith, CAI0 3SS, UK
Tel +44(0) IS396 24040, Fax +44(0) I5396 26330
Email info@lyon.co.uk
www.lyon.co.uk

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Fitting

Release the plastic buckle to unfold the harness.

I. With the main ring in front of the casualty pass the casualty harness around the body under the arms.

Clip the karabiner into the main ring.

2. Adjust the chest strap (blue) so that fit is secure.

THE CASUALTY HARNESS MAY NOW BE USED TO SUSPEND THE CASUALTY

- 3. Release one of the leg straps (red) by pulling open the flap. Pass the leg strap under the casualty's leg and clip the karabiner into the main ring.
- 4. Adjust the leg strap so that it provides support.

DO NOT OVERTIGHTEN

Repeat the procedure with the other leg strap.

Buckles may be tightened by pulling on the slack end of the strap and loosened by pulling the tab (black) whilst pulling the strap back through the buckle.

The karabiners are self-locking but care should be taken to verify that the locking mechanism is operating correctly.

ENSURE FIT IS SECURE BUT NOT TOO TIGHT

After use, adjust all straps out to their full extent. Fold up each leg strap (red) under the covering flap, and then secure the flap by tightly closing the Velcro tabs.

Child size adjustment

If required, the chest strap may be shortened to fit children.

To do this, close the buckle (shown opposite) by bringing the two parts together and twisting the small part through the large part.

Ensure buckle is correctly fastened.

Fold the handle and loop of padding flat against the inside of the strop. Fit to the casualty as described above. The leg straps (red) will adjust down to as small a size as required, however, the 'Adult Stop' label on each strap may require feeding through the adjustment buckle.

Use

This product is for rescue purposes only, use for suspending an injured or stranded person in an emergency, within the guidance set out in these instructions. All other uses are forbidden without the written approval of Lyon Equipment Ltd.

The casualty harness has passed EN 1498 with a test mass of 150 kg and therefore may be used for casualties up to this weight. When working with higher loads, care must also be taken to ensure that the other components in the system are within their capacity.

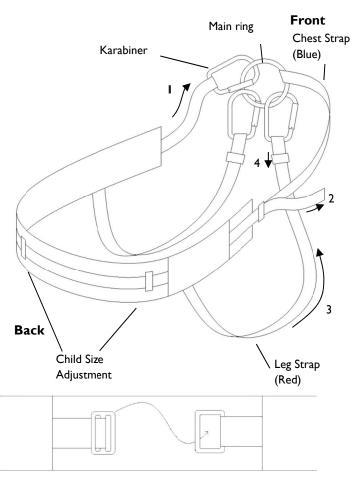
All connections to the suspension system should be made via the main ring, using either a suitable locking connector or by tying in directly.

Rope rescue system anchors must be above the user and of sufficient strength for the anticipated load. Ensure all other components in the system are compatible and of comparable strength.

The time that a casualty is held in the casualty harness is kept as short as possible to minimise risks to respiration and circulation.

If at any stage the casualty shows signs of distress or potential injury from use of this harness cease use immediately and review its suitability and/or fitment.

A rescue plan should be in place to deal with any emergencies which may arise during work.



Child Size Adjustment

Warning

- Before fitting to a casualty ensure this products performance is acceptable for the casualty's injuries and the extraction system intended.
- When fitting the casualty harness consider any medical conditions and take care to ensure the casualty is not further injured by poor fitting, trapping or adjustment of straps.
- Consider suspension intolerance/trauma of the casualty during rescue.
- Do not fit the casualty harness backwards (main ring behind the casualty).
- Do not over tighten the leg straps (this is particularly important when fitting the casualty harness to a casualty in the sitting position). Adjusting the straps as far as the 'Adult Stop' label will be more than sufficient in most cases.
- Do not suspend the casualty harness from the rear handle. The rear handle is to assist with control and positioning of the casualty.
- Tension must be maintained in the suspension system to ensure that the casualty harness is held in place on the casualty.
- This casualty harness is classed as rescue equipment and not PPE. It is only for use as the sole means of suspension in an emergency situation. During training it must be used in conjunction with a PPE harness.

These instructions must be translated into the language of the country in which the item is to be used.

Storage and transport

Store in a dry, ventilated area, away from direct sunlight and other heat sources and chemicals. Avoid storage areas where the product could be damaged by sharp edges etc. Ensure the casualty harness is completely dry before re-packing the leg straps.

Transport the casualty harness in a bag or other suitable container to prevent damage during transit.

All chemical products, corrosive materials and solvents should be regarded as harmful. If the casualty harness comes into contact with any chemicals, remove it from service and contact Lyon Equipment Limited with the precise details of the chemicals concerned to ascertain future safety.

Lifetime

The product 'lifetime' includes everything - from the period of storage to the period of use.

Maximum lifetime of 10 years from date of manufacture

This lifetime depends on the intensity, the frequency of use and the environment where the product is used.

- I. In exceptional circumstances, wear or damage could occur on the first use, which reduces the lifetime of the product to that one single use.
- 2. Certain environmental elements will considerably accelerate wear: salt, sand, snow, ice, moisture, chemicals, etc. (List not exhaustive).

IF IN DOUBT DO NOT HESITATE TO SCRAP THE PRODUCT Cleaning

Wash in clean water, not exceeding 30°C, with pure soap and rinse in clean cold water. Dry naturally away from any heat source. If necessary use a disinfectant which is suitable for Nylon (Polyamide).

Markings

idN Individual serial number will be in the format

YYDDD 12345. The first two digits give the year of manufacture, the next three digits the day of the year from 001 to 365 and the five digits after is the number in the series

Adult Stop Normal limit of adjustment when fitted to an

adult

Read instructions before use.

Inspection

Inspect before and after use. Exposure to extremes of temperature, chemicals and sharp or abrasive surfaces will all have an adverse effect. Check for damage, correct operation and legibility of markings. Remove from service and destroy any product which fails inspection, has arrested a fall or reaches 10 years of age regardless of use.

If you are unsure or require training in the use or inspection of this product contact Lyon Equipment Limited.

Due to the nature of this product it is not possible to make it personal issue

Repairs

Repairs may only be carried out by Lyon Equipment Limited.

Guarantee

In the event of any defect in materials or workmanship please return the product to the dealer, distributor or manufacturer within 3 years of purchase for inspection. We will repair or replace as required. This guarantee does not cover wear and tear or accidental damage.

Inspection Record				
Type: Synergy Casualty Harness	Serial number:	Year of manufacture:	Purchase Date:	Date of first use:
Manufacturer: Lyon Equipment Ltd	Address: Unit 3-7 Tebay Business Park, Old Tebay, Penrith, CAI 0 3SS, UK	Tel: +44(0)15396 24040 Fax: +44(0)15396 26330 www.hybnc.ouk inflo@lyon.co.uk Name and Signature of competent person Next		formation:
Date	Inspection record			Next due date