

## EU Declaration of Conformity No. SAR/H002



Specialist Access & Rescue  
Products Ltd.

This declaration of conformity is issued by Specialist Access & Rescue Products Ltd.  
Of Sarena House, Vulcan Street, Oldham, OL1 4LQ

We hereby declare that:

Equipment: Raptor Full Body Harnesses  
Models: Raptor Full Body Harness Range

is in conformity with PPE EU Regulations 2016/425, as well as the applicable requirements of  
the following standards (where applicable)

### Ref No.

EN361:2002  
EN358:1999  
EN813:2008

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

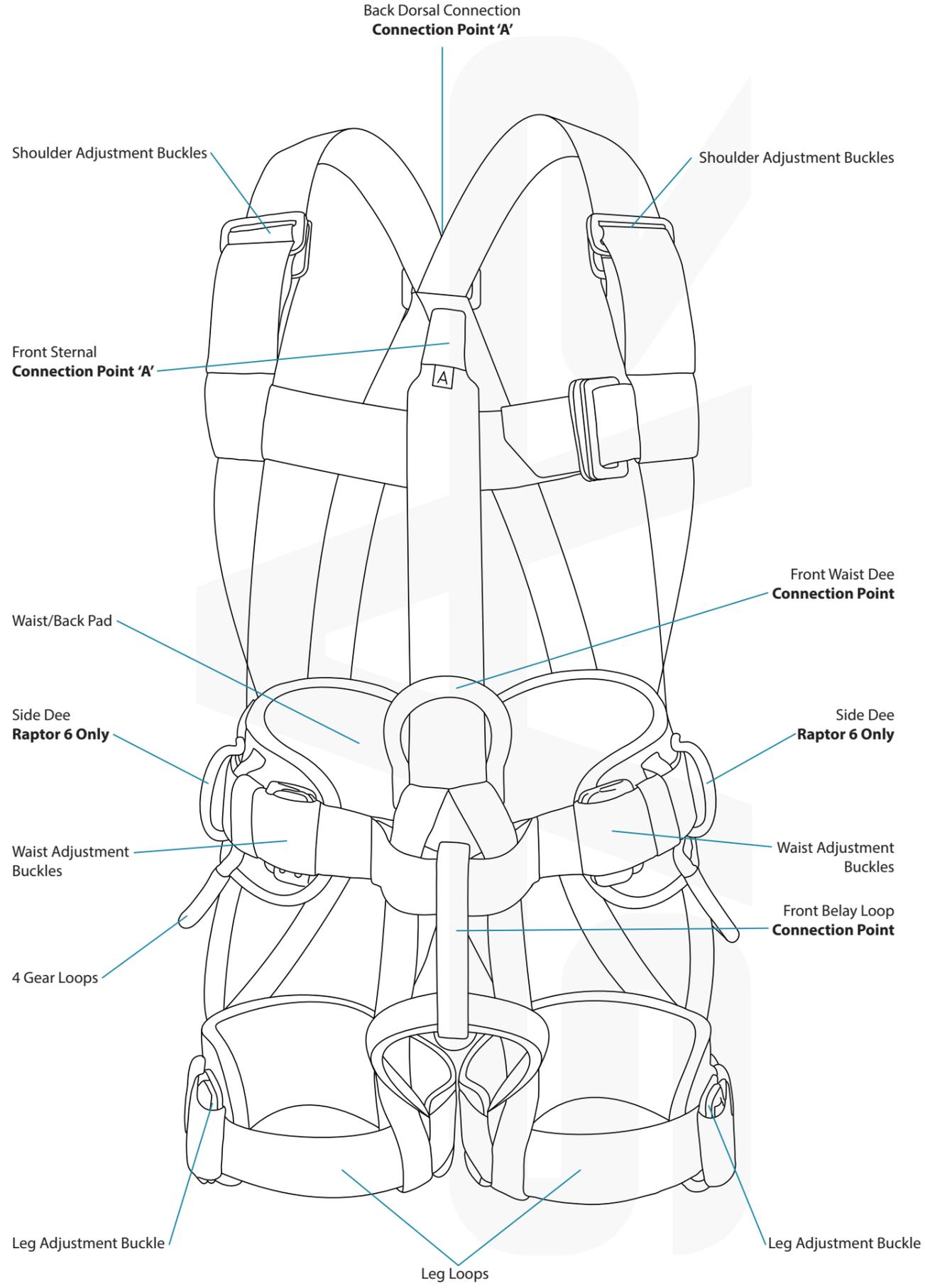
Performed the EU type examination and issued the module B EU type examination certificate(s):

GB19/964200  
GB19/964201

The PPE is subject to the conformity assessment procedure. Conformity to type based on quality  
assurance of the production process module D. Under the surveillance of the above Notified Body.

Signed by:

Name: Lee Allport  
Position: Operations Director  
Done At: SAR Products - Sarena House, Vulcan Street, Oldham, OL1 4LQ  
On: 15/10/19



**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.

User's Name:		Date Of Purchase:	Product Serial No.:	
Date Of Manufacture:				
Date First Used:				
Inspection Record				
Date	Reason for entry: Periodic examination or repair	Name of Inspector	Next date of Inspection	

**Declaration Of Conformity**

The EU Declaration of conformity is available by scanning the QR code or visiting - [www.sar-products.com/eu-doc/](http://www.sar-products.com/eu-doc/)



**Certificate Of Conformity**

We certify that the Raptor Full Body Harness conforms to EN361:2002, EN358:1999 & EN813:2008.

Other components used with this product must conform to the relevant EN standards.

Signature:..... For SAR Products Ltd

Specialist Access & Rescue Products Ltd.  
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**User Guide:**

Raptor Full Body Harness



**Conforms to:**

EN358:1999, EN361:2002 & EN813:2008

Raptor Model:

Serial No.:

**CE0598**

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# Raptor Full Body Harnesses

Conform to EN361:2002, EN813:2008 & EN358:1999.

Important: Please read, study and understand these instructions before use. The materials used in this product are high spec polyesters

## Use

This harness has been designed for your protection and therefore is personal protective equipment (PPE). It is a full body harness for industrial climbing and rescue (in normal climatic conditions). It is suitable for many other applications, but please check with the manufacturer first. Use only as instructed and with compatible items of equipment. These should conform to the relevant European standards or those your country follows. Check that the safe function of any one component within a system will not interfere with the safe function of another. Twists in the webbing and buckles fastened incorrectly can cause problems, weakness, serious injury or death. Neatness is strength. Users should be trained, competent or under the supervision of such a person. A rescue plan should be in place before carrying out any activity.

Note: The information in this guide is in conformity with PPE EU Regulations 2016/42. It is not comprehensive and cannot be substituted for the correct training, which can be provided if required. If in any doubt please don't hesitate to contact us.

## Safety

The safety provided by this harness depends on its strength and skill of the user. The strength will be reduced through age, wear and tear, abrasion, cuts, high impact loads, tight/sharp edges, knots, some chemicals (e.g. alkalis, etc.), UV or failure to store and maintain as recommended. This list is not exhaustive. SAR harnesses have a higher strength rating than that required for a normal sports climbing harness, this will help against the above. However, there are exceptions, these include chemical attacks, very high temperatures and incorrect use. Do not alter the product in any way. Any harness subjected to a minor fall should be examined and discarded if there is any sign of defect or any doubts about its safety. Before the first use, the user should carry out a comfort and adjustability test in a safe place. This is to ensure that the harness is the correct size, has sufficient adjustment and is of an acceptable comfort level for the intended use. Please note that the waist connection points are not for fall arrest purposes.

## Lifespan

This is difficult to estimate, but we advise as follows:

Do not use more than ten years after the date of manufacture. Assuming you use it as designed and have the correct storage, the working life can vary between a single use in extreme circumstances (e.g. highly chemical environment, serious fall) to the maximum, depending on how the product is used. The working life will be reduced through age, 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 (e.g. alkalis, etc.) or failure to store and maintain as recommended. This list is not exhaustive.

## 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. If a long shelf life is required it is advisable to store in a moisture proof package (e.g. polythene bag).

## 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.

## Warning

Climbing is hazardous. It is the user's or instructors responsibility to ensure understanding of the correct and safe use of this equipment. Use it only for the purposes for which it is designed and to practise all proper safety procedures.

## 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). You can use a washing machine, but first place the product in a suitable bag to protect against mechanical damage. Rinse properly 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 discard the product immediately. If used in a marine environment thoroughly rinse in clean cold water and dry after each use.

## Inspection

Before each use visually inspect to ensure the product is in a serviceable condition and operates correctly. An examination should be carried out at least every 6 months by a competent person.

These inspections should be recorded, paying particular attention to areas of potentially high wear such as attachment points, buckles, connectors and sewn joints.

Inspect as follows:

**Textiles:** Check for cuts, tears, and abrasions. Damage due to deterioration, contact with heat, alkalis or other corrosives.

**Sewing:** Check for broken, cut 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, frays or cuts, seizure of moving parts, broken or missing components.

Immediately withdraw from service any items showing defects. The user's life depends on it. All repair work should be carried out by the manufacturer or with their authorisation.

## Anchorage

Anchor points should always be strong enough to hold the user particularly in the event of a fall. They should be at least 15kN. A webbing lanyard or rope should be effectively sleeved to protect against damage if structural members with sharp edges cannot be avoided as anchorage points.

ANCHOR POINTS, WHEREVER POSSIBLE, SHOULD BE ABOVE THE USER TO LIMIT ANY FALL TO LESS THAN THE LENGTH OF THE SAFETY LINE OR LANYARD.

Distance of a possible fall should be considered so as to keep clear of contact with ground or other objects below the work place. Check all user manuals of ancillary equipment.

## 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
- CE: EC logo followed by the number of the notified body
- EN: European standard attributed to this PPE
- Product description and/or reference
- Evaluation of capacity in Kg

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

## Notified body

SGS FIMKO OY, Takomotie 8, FI-00380 Helsinki, Finland.

Notified Body No: 0598

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

## Note

The dorsal & sternum dee's each show a letter A designating EN361:2002 for Fall arrest. The side dee's are for work positioning only, EN358:1999. The front waist connections are for work positioning and used singularly EN813:2008.

## Important

On any harness there is a possibility of suspension trauma, if the user is in a state of immobility due to unconsciousness or injury. The front waist & front sternal connections on this harness will put the user in a sit position when unconscious and will help to reduce suspension trauma. The back dorsal on this and any other harness will increase the possibility of suspension trauma and should only be used for restraint. Warning: Inert suspension in a harness can result in serious injury or death.

## Specifications:

- 2 Side fold back Alloy Dee's (Raptor 6 models only)
- Fully adjustable Waist and Legs
- Well-established, easy interlocking buckling system
- Laminated, high quality, sandwiched closed cell foam padding
- Shaped waist and leg pads for extra comfort
- High quality polyester webbing
- Reinforced, catch free gear loops
- Standard Waist Size: 74cm to 114cm
- Standard Leg/Thigh Size: 42cm to 70cm
- Weight Approx. raptor 4 - 1.5Kg
- Weight Approx Raptor 6 - 1.75Kg

## Wrap Around Fitting Instructions

Note: the following instructions are to fit the harness as it was designed so that chemicals or mud etc. would not soil it from your footwear.

1. Open the harness out as shown and check there are no twists and it is following the lines of its design. Fig 1.

2. Fit harness onto shoulders and let it fall into position down your back. Fig 2.

3. Bend forward and pull ORANGE chest loop up through your legs. Fig 3.

4. Thread chest strap through loop in front strap set just below orange A connection point, position small clip buckle strap around back section of front strap, fasten clip buckle and fasten chest buckle and lock. Figs 4, 5, & 5A,5B,5C.

5. Fit waist buckle as shown in Figs 6, A,B,C,D or E,F,G. centralising position of belt to your body and adjusting to fit comfortable on waist. Fig 7.

6. Fit each leg firmly around upper thigh and lock. Fig. 8. & Figs. A,B,C,D or E,F,G.

7. Once the harness is fitted check all is correct and there are no twists, all buckles are locked correct and secured back through elastic ties, the waist belt and waist pad are central and adjust shoulder straps to fit comfortable but not slack. Fig 9.

8. To help with adjusting shoulder straps. Adjust back straps through the waist pad. This is held in position with Velcro pads Fig 10.

## Important

On any harness there is a possibility of suspension trauma, if the user is in a state of immobility due to consciousness or injury. The front waist connection on this harness will put the user in a sit position when conscious and the front Sternal whilst unconscious and will help to reduce this state. The back dorsal on this and any other harness will increase the possibility of suspension trauma and should only be used for fall arrest.

Fig 1



Fig 2



Fig 3



Fig 4



Fig 5



Fig 5A



Fig 5B



Fig 5C



Fig 6



Fig 7

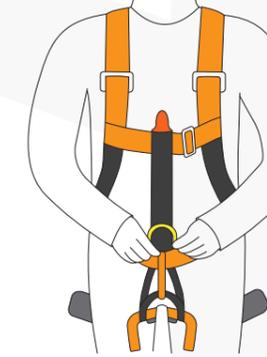


Fig 8

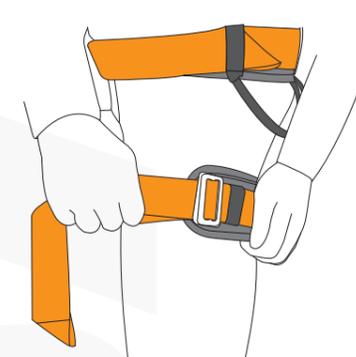


Fig 9



Fig 10



Fig A

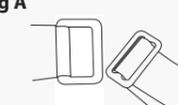


Fig E



Fig B



Fig F



Fig C



Fig G

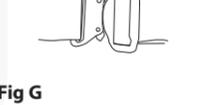


Fig D

