

SpanSet[®]



Gotcha™ Remote Rescue Kit Instructions

Patent pending - Publication No. 2376009

**SpanSet
Certified
Safety**

GOTCHA™ REMOTE RESCUE KIT

Introduction

The idea of the GOTCHA™ is to provide a rescue kit that will enable a rescuer to:

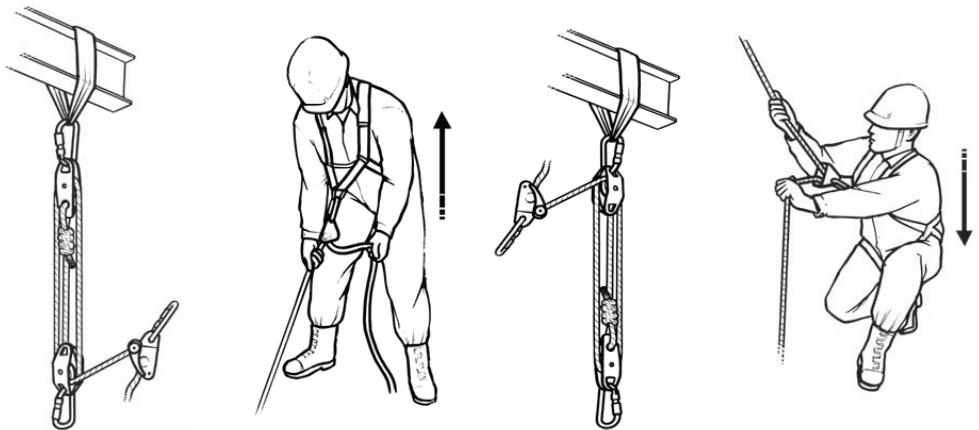
- Attach a casualty who is suspended by a fall arrest lanyard.
- Raise the casualty in order to release their current attachment.
- Raise or lower the casualty to a point of safety.

The above capabilities are all achievable without the need for the rescuer to access the casualty. In order to carry out this the rescuer must be able to access the point at which the casualty anchored their lanyard. The control feature of the rescue kit locks automatically if released.

The GOTCHA™ will be used in two different modes depending upon whether the anchor point is at the rescuers foot level or above (ideally 1.5m above to have any material effect), as this has important effects.

If the anchor is at foot level then the system will not be able to raise the casualty sufficiently to bring them back to their start point. The casualty must be raised in order to release their lanyard then lowered to safety. Also the rescuer is required to use their strength when raising the casualty, so the mechanical advantage is greater (4:1).

If the anchor is 1.5m above foot level, preferably at head height it will be possible to raise the casualty to their start point. For this the rescuer is able to use their weight to assist in the operation and therefore the mechanical advantage is lower (3:1).



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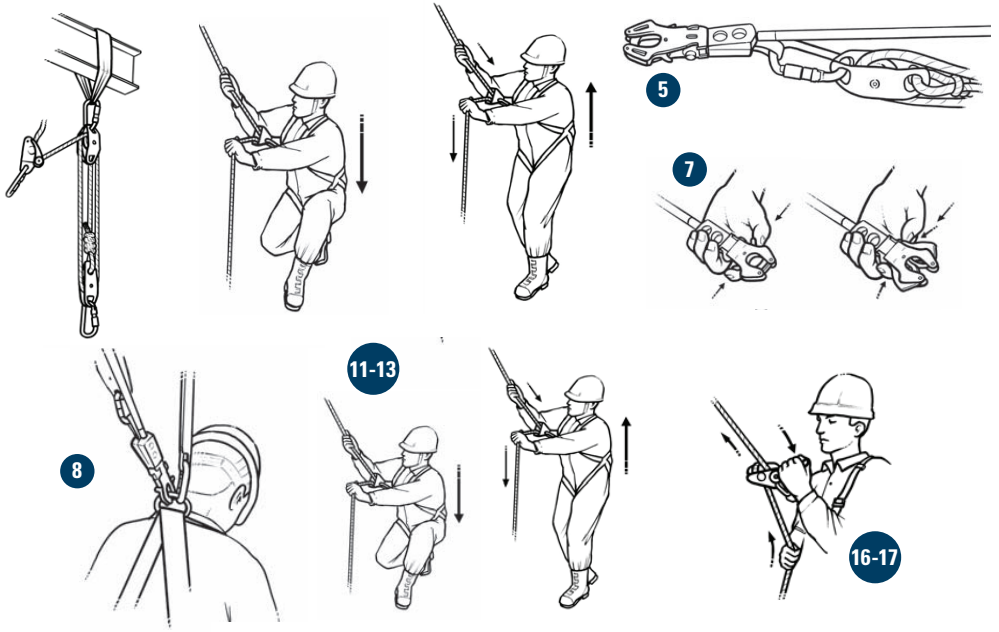
High Anchor Blue Pulley To Anchor Sling

Anchor more than 1.5m above foot level.

1. Access casualty's anchorage point.
2. Attach the anchor sling to a suitable anchor point above the casualty.
3. The rescuers weight is used to assist in the operation. The double pulley is clipped to the anchor sling.
4. Adjust pole to the required length.
5. Attach the red clip to the end of the pole, and clip the single pulley into the webbing.
6. Adjust ropes in-between the pulleys to the same length as the pole.
7. Set the red clip to open.
8. Using the pole, attach the red clip to the casualty's harness attachment.
9. Remove the pole from the red clip.
10. Attach the GRIGRI to the rescuers harness.
11. Pull the slack rope through the GRIGRI to tension the system.
12. The rescuer now sits down, thus raising the casualty.
13. With one hand, the rescuer holds the rope above the GRIGRI, close to the attachment sling. With the other hand they take in the slack rope as they stand up.
14. Once the casualty's weight has been transferred to the GOTCHA™, then their lanyard can be disconnected.
15. The casualty can now be raised to a point of safety, or lowered as follows.
16. To lower the casualty the rescuer must take hold of the rope that exits the GRIGRI, and this is used to control the descent.
17. With the other hand releases the black handle on the GRIGRI until the rope can be fed at a controllable speed. This thus lowers the casualty. (Please see note)

NOTE: In order to carry out a rescue the rescuer requires a harness with a front point of attachment for locating the GRIGRI.

If the anchor point for the GOTCHA™ is such that the casualty must be lowered, then the rope length in the kit must be four times the distance from the anchorage to the point of safety.



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Low Anchor Green Pulley To Anchor Sling

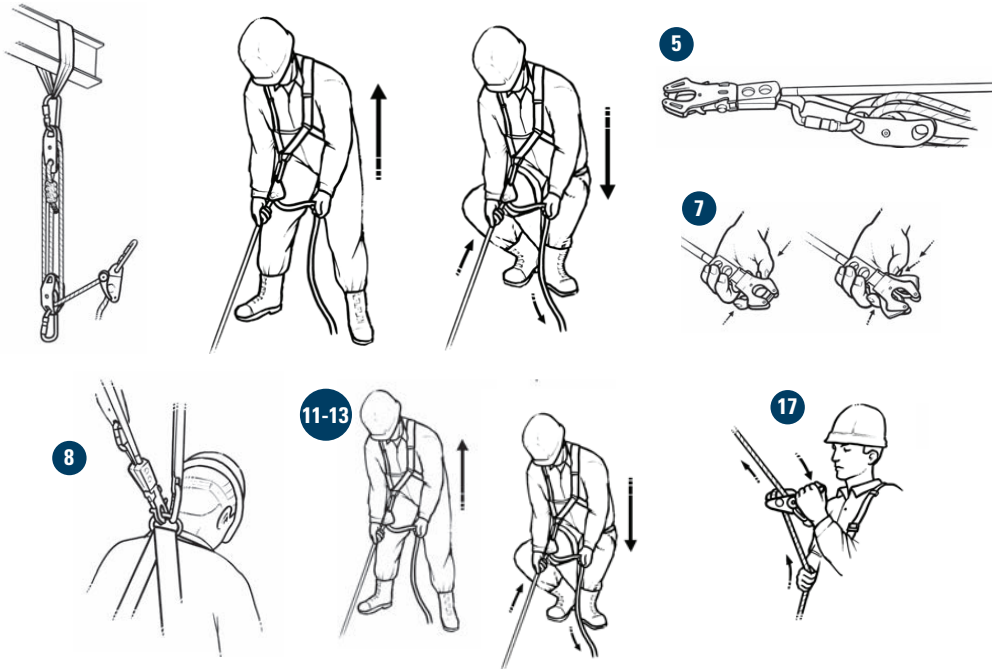
Anchorage at foot level.

1. Access casualty's anchorage point.
2. Attach the anchor sling to a suitable anchor point above the casualty.
3. The rescuer will use their legs to help pull in the rope. The single pulley is clipped to the anchor sling.
4. Adjust pole to the required length.
5. Attach the red clip to the end of the pole, and clip the double pulley into the webbing.
6. Adjust ropes in-between the pulleys to the same length as the pole.
7. Set the red clip to open.
8. Using the pole, attach the red clip to the casualty's harness attachment.
9. Remove the pole from the red clip.
10. Attach the GRIGRI to the rescuers harness.
11. Pull the slack rope through the GRIGRI to tension the system, and squat down.
12. The rescuer now stands up, thus raising the casualty.
13. With one hand, the rescuer holds the rope below the GRIGRI, close to the attachment sling. With the other hand they take in the slack rope as they squat down.
14. Once the casualty's weight has been transferred to the GOTCHA™ then their lanyard can be disconnected.
15. The casualty can now be lowered as follows.

16. To lower the casualty the rescuer must take hold of the rope that exits the GRIGRI, and this is used to control the descent.
17. With the other hand releases the black handle on the GRIGRI until the rope can be fed at a controllable speed. This thus lowers the casualty. (Please see note)

NOTE: In order to carry out a rescue the rescuer requires a harness with a front point of attachment for locating the GRIGRI.

If the anchor point for the GOTCHA™ is such that the casualty must be lowered, then the rope length in the kit must be four times the distance from the anchorage to the point of safety.



GOTCHA™ REMOTE RESCUE KIT

Inspection & Examination

INSPECTION AND EXAMINATION

Keep these instructions, or a copy with the GOTCHA™ to aid future inspection, and examination. The equipment must be given a visual and tactile inspection when delivered to site/ works, and before every use. SpanSet recommends recorded inspection by a competent person every 6 months.

Particular attention should be paid to the following:-

Metal-ware - Inspect for signs of damage/distortion/ corrosion, and correct operation & locking of connectors.

Rope - Examine for any signs of wear / abrasion, including interstrand wear, unravelling, extension and fusion.

* Local abrasion as distinct from general wear and may be caused by the passage of the rope over sharp edges or protrusions while under tension and may cause serious loss of strength. Slight damage to outer fibres and occasional yarn may be considered harmless but serious reduction in diameter of the rope or serious distortion to the sheath pattern should lead to rejection.

All Personal Protective Equipment should be immediately removed from service after being subjected to any shock, or there is any doubt about its condition. (See list above)

The GOTCHA™ may be cleaned if required. The following procedure must be adhered to. Use mild detergent with hand hot water, using a cloth, or sponge to wipe the GOTCHA™ and avoid over wetting. This procedure should then be repeated with clean water to rinse, then allow to dry naturally away from any direct heat source. If you require more information please contact SpanSet

All equipment should be stored and transported in the following manner:

- To prevent contact with sharp objects.
- Away from harmful substances.
- In a cool dry place free from direct sunlight.

GOTCHA™ REMOTE RESCUE KIT

Training & Product Lifespan

SPANSET TRAINING

SpanSet offers training either on site or at our own premises, in all aspects of height safety. Courses are accredited under our registration to ISO 9001, and certificates are issued on successful completion.

Although it is not compulsory, for the safety of all users SpanSet recommends you take advantage of this training service, please contact us for further details.

PRODUCT LIFESPAN

It is mandatory by European Law that all PPE must be supplied with comprehensive User Instructions which detail the lifespan of the product, and the inspection requirements.

The actual frequency of the periodic inspection is the responsibility of the competent person in charge of the maintenance of the product. Aggressive or arduous conditions and constant use will potentially reduce the working life of the product and so a more frequent inspection regime will be required to effectively monitor this.

SpanSet recommend that PPE for Work at Height is thoroughly examined by a competent person:

- Periodically at intervals not exceeding 6 months
- Interim inspections where required

SpanSet recommend that Pre Use inspection is carried out by the user before each and every use. Any concerns about the condition of equipment must result in the item undergoing a thorough interim inspection.

The equipment should only be used if it is found to be in a fit condition.

In addition SpanSet give this product a period of obsolescence of 10 years from date of manufacture, even if never used.

Products should be withdrawn from service if they meet any one of the following criteria:

- 1) Failure of a thorough examination
- 2) Subjected to or Used to arrest a fall
- 3) Manufacturers period of obsolescence (shelf-life) has been reached

Compatibility and use of PPE is the responsibility of the user.

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REMOTE RESCUE KIT

01 Height Safety

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