DATASHEET

RESTRAINT TECHNIQUE/SELF-RECOVERY LANYARD

CODE: RTL / RTL-D / RTLTP

AS 1891.3:2020

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RESTRAINT TECHNIQUE/SELF-RECOVERY LANYARD

PRODUCT FEATURES AND INFORMATION

LATEST INNOVATION IN FALL PREVENTION EQUIPMENT/SYSTEM

Saferight's innovative restraint technique/self-recovery lanyard is an Australian Standard certified fall prevention solution, designed to provide the highest level of safety in the workplace. The device incorporates a built-in shock absorber that reduces the impact of a fall to under 4kN, effectively minimising the potential for serious injury.

In the event of a fall, the lanyard's self-lowering mechanism helps to mitigate the risk of suspension intolerance/trauma, ensuring that the user can be safely lowered to the ground. The system requires ground clearance of 3.4m instead of the usual 6.5 metres with shock absorber packs, which makes the device suitable for a range of applications from single-storeys to tower rescue applications.

This advanced system has been certified to the rigorous AS/NZ 1891.1:2007 and AS 1891.3:2020 standards, as well as the relevant Australian Codes of Practice, ensuring its compliance with the highest standard.

Safe Working Load (Including tools): Should not exceed 120kg

SKU CODE (1) RTL - Single Tail (2) RTL-D - Twin Tail (3) RTLTP - Third Party Recovery

(1) RTL- Single Tail

(2) RTL-D - Twin Tail

(3) RTLTP - Third Party Recovery

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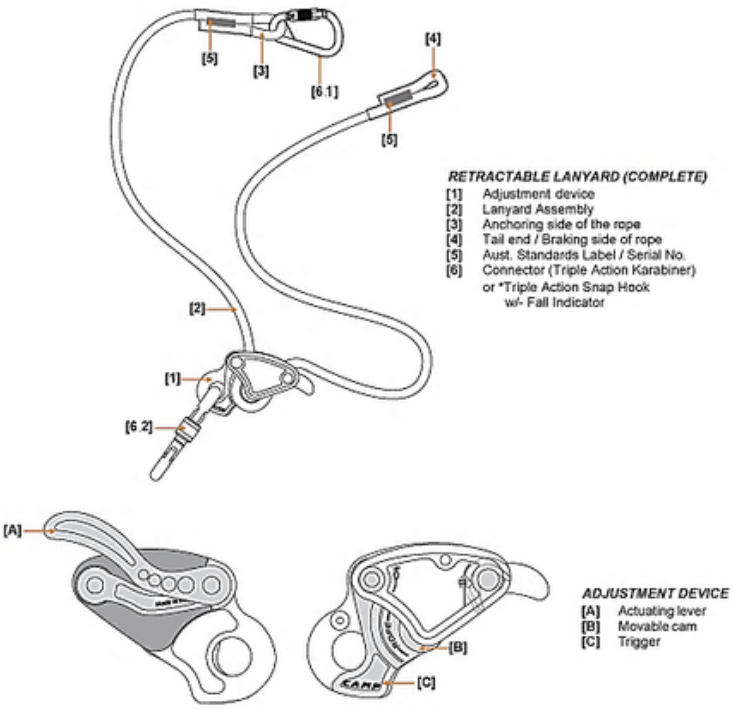
Main Features

- Easy to adjust
- Shock load reduced from 6kn to 4.2kn
- Auto-descent breaking mechanism
- Available in any length (work position to ground)
- Easy and efficient adjustment system
- Much less ground clearance needed



MATERIALS & CONSTRUCTION

- 2 x High Tensile Steel Karabiners
- 50 kN Triple Action
- CAMP SAFETY Druid Auto Braking Descender
- Camp 11mm Iridium Kernmantle Rope

TESTING & QUALITY CONTROL

- Conforms to AS/NZS Standards 1891.1:2007
- Certified to AS Standard 1891.3:2020
- 100% Visual inspection
- Saferight is an ISO 9001 Certified Company

A. ANCHOR POINT

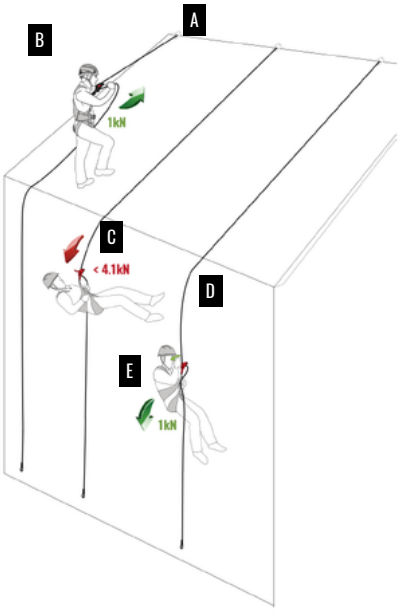
1) Attach front of harness to adjust device
2) Attach anchor side of rope to rated anchor point of (15kN)

B. RESTRAINT TECHNIQUE

Remove any unwanted slack by grasping tail end of rope lanyard assembly and push away from user towards anchor point and rope line.

C. WORK POSITIONING

Adjust lanyard towards edge, grasp Druid adjuster with finger/s on trigger and squeeze trigger to adjust with minimum distance of 600 mm towards the edge.



D. FALL ARREST

Misuse situation (Accidental Fall) - Limited Free Fall w/- 600mm lockout distance

E. SELF-RECOVERY

Engineering out suspension trauma by self-recovery mechanism to lower to the ground in the event of a fall.

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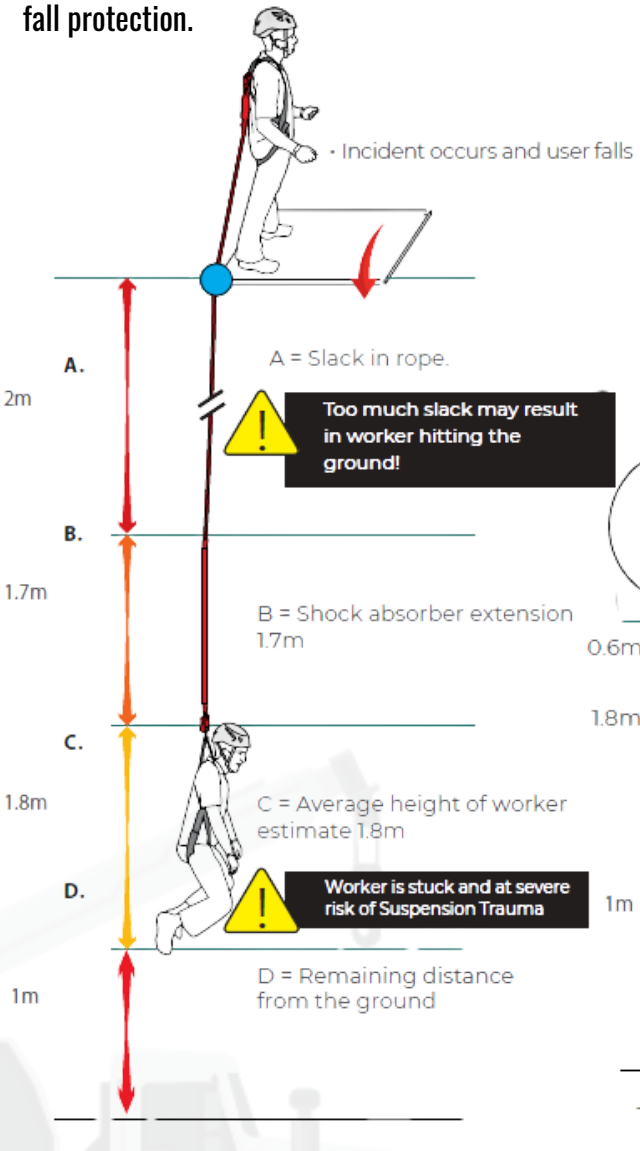
COMPARISON BETWEEN OLD FALL ARREST TECHNOLOGY AND NEW FALL RESTRAINT LANYARD.

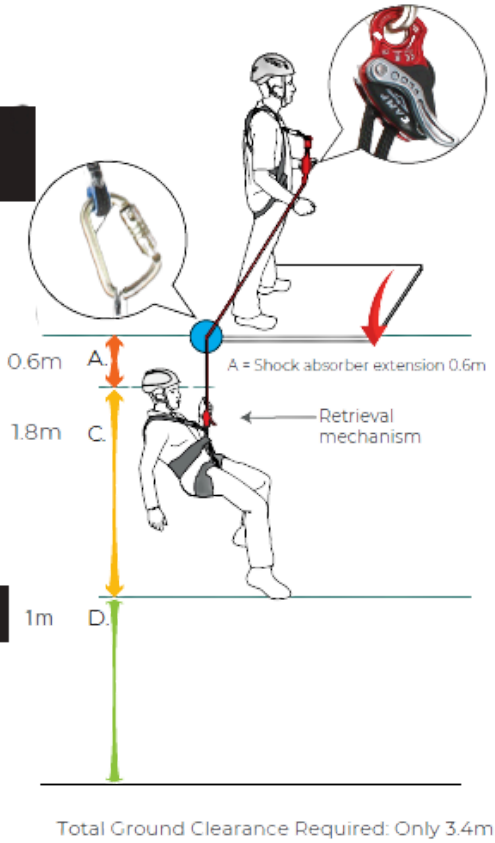
FALL ARREST SYSTEM

This equipment necessitates a ground clearance of 6.5 meters and utilises the conventional method of fall protection.



FALL PREVENTION SYSTEM

Offers a ground clearance requirement of just 3.4m, making it suitable for use in a wide range of applications, from single storey buildings to tower rescue scenarios.



A = The user has better control over slack. Restraint techique lanyard minimises forces (under 4kN) with its built in shock absorber

C = Average height of worker estimate 1.8m

D = Self lowering distance. User experiences no suspension trauma!

RTL-TP variant allows another worker to rescue without risk to any third party personnel