



# USER INSTRUCTIONS

## Retractable Fall Arrester

PC. 915303



This equipment is intended for use by people who have received proper training and are competent.



AS 1891.3:2020 Amd 1:2021 (BMP No. 739186)

The Retractable Fall Arrester is classed as Personal Protective Equipment(PPE) by the European PPE Directive 89/686/EEC and has been shown to comply with this Directive through the Harmonised European Standard EN 360:2002. Also complies with AS 1891.3:2020 Amd 1:2021.

## CAREFULLY READ THESE INSTRUCTIONS BEFORE USING THIS RETRACTABLE FALL ARRESTER

This Retractable Fall Arrester is designed to minimise the risk of/provide protection against the danger of falling from heights. However, always remember that no item of PPE can provide full protection and care must always be taken while carrying out the risk relation activity.

### SPECIFICATIONS

- Maximum length : 3.5M
- Rated Load: 140kg
- Minimum Breaking Strength > 12kN.
- Weight : 1.97kg.
- The steel triple-action locking swivel hook: 21mm gate opening, MBS: 23kN
- The steel triple-action locking karabiner: 22mm gate opening, MBS: 25kN

### INSTRUCTIONS FOR USAGE

This Retractable Fall Arrester can be used as a part of a fall arrest system or as a part of a restraint system. If using as a part of fall arrest system, a suitable anchor point (above the user's head, at least 15kN) shall be used. Attachments to the anchor points and other equipment shall be made using oval Karabiners to EN 362 or ANSI with a 6kN gate minimum. The equipment is to be used specifically in vertical condition & not to be used for horizontal usage. Material of the Webbing Lanyard is Polyester of width 25mm.

### HOW TO USE

Follow Step 1 to Step 2 to use this equipment.

**STEP 1:** Connect the eye at the top of the Retractable Fall Arrester to a suitable anchorage point situated above the user's head using Karabiners as per EN 362 or ANSI with a 6kN gate minimum and ensure the Karabiner is locked.

**STEP 2:** Now connect the swivel hook of the equipment to the attachment element of your full body harness and ensure that it is locked. You are now safe to move up & down in normal speed. In the event of a fall, the Retractable Fall Arrester locks & also minimises the impact forces on the body of user.

# INSTRUCTIONS FOR MAINTENANCE

Follow the maintenance instructions procedure laid out below:

In case of minor soiling, wipe the equipment with cotton cloth or soft brush. Do not use any abrasive material. For intensive cleaning wash with water at a temperature between 25°C to 50°C using a neutral detergent. It should be allowed to dry by itself and be kept away from open fire or any other source of heat. Avoid direct sunlight. Store in a cool dry place, preferably away from moisture, extra acidic or basic conditions and sharp edges.

## WARNING

1. Ensure the medical condition of the user does not affect his safety in normal and emergency use.
2. The Retractable Fall Arrester shall only be used by a person trained and competent in its safe use.
3. A rescue plan shall be in place to deal with any emergencies that could arise during the work.
4. Do not make any alterations or additions to the Retractable Fall Arrester without the manufacturer's prior written consent.
5. The Retractable Fall Arrester shall not be used outside its limitation, or for any purpose other than that for which it is intended.

## ADVICE & INFORMATION

1. The Retractable Fall Arrester should be seen as the personal property of the user.
2. Ensure that the Retractable Fall Arrester is compatible with other items when assembled into a system.
3. Usage with other incompatible items may be dangerous & hazardous as the safe function of one item may be affected or interfere with the safe function of another.
4. The user should carry out a pre-use check of the Retractable Fall Arrester, to ensure that it is in a serviceable condition and operates correctly before it is used.
5. The pre-use check shall involve checking for any wear or abrasion on wire ropes/webbing and sign of corrosion on metal parts or any breakage of the plastic/aluminium casing.
6. Withdraw from use immediately if there is any doubt about its safe condition or if it has already arrested a fall, the equipment shall not be used again.
7. Ensure that the strength of the anchor device is greater than or equal to 15kN.
8. Use karabiner conforming to EN 362 or ANSI with a 6kN gate minimum for connecting to the anchor points.
9. It is advisable to use the dorsal attachment D-Ring of the harness for connection to the Retractable Fall Arrester. However if it is not possible for any reason, the chest attachment element may also be used.
10. It is essential to verify that a minimum height of 3m of free space is available between the Retractable Fall Arrester & the ground.
11. Following conditions may be hazardous & may affect the performance of the Retractable Fall Arrester:

- (a) Extreme temperatures
  - (b) Trailing or looping of Lanyards over sharp edges.
  - (c) Extreme acidic or basic environments.
  - (d) Abrasive or sharp edge structures which can damage the equipment.
  - (e) Pendulum falls.
12. Ensure that manufacturer's packing is used during transportation to prevent damage. In case original packing is not available, use polybag which is sealed to prevent moisture.
  13. If used properly, the Retractable Fall Arrester has a life span of 10 years from the date of manufacture unless subjected to severe abrasions or extreme temperatures/climatic conditions. The retractable unit must be inspected every 6 months by a competent height safety inspector and the records kept on file.
  14. It is essential for the safety of the user that if the product is resold outside the original country of destination, the reseller shall provide instruction for use, for maintenance and for periodic examination in the language of the country in which the product is to be used.

## SERVICE INTERVALS

- **Visual / Function Inspection** - Every year by a competent person (Annually)(Does not need to be opened unless issue is found).
- **Open Unit Inspection** - Every two years to be serviced by authorised service agent and the break pad / Shim to be replaced.
- **Note:**
  - Inspection frequency's should be increased if the unit is used in a dirty, corrosive or hazardous environment.
  - If any issues are found in the inspection by a competent person, the unit must be sent to an authorised service agent for repairs with Austlift parts.



## MARKING

The Retractable Fall Arrester is marked with :

- (i) Identification of the manufacturer
- (ii) Standards that the product complies with
- (iii) BMP certification number
- (iv) Type or product code
- (v) Wire Rope/Webbing Length
- (vi) Batch Number
- (vii) Serial Number
- (viii) Month/Year of Manufacture

1. Keep away from sunlight or heavy rains.
2. Ensure that the anchorage point has strength of min 15kN.
3. Ensure that the maximum angle between the vertical & the lanyard is 40°.
4. Ensure that wire rope/webbing has no cuts or abrasion marks before use.
5. Once the wire rope/webbing has been reeled out, do not release it suddenly to retract inside on its own, let it go inside gradually by guiding it slowly inside.
6. Connect the lanyard to the dorsal attachment element of your harness.
7. To be used by person not weighing more that 140kg.
8. Ensure that whenever the webbing is pulled/reeled out, it should be vertically pulled and not at an angle to the vertical.
9. Use between temperature range of -30°C to +50°C.







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