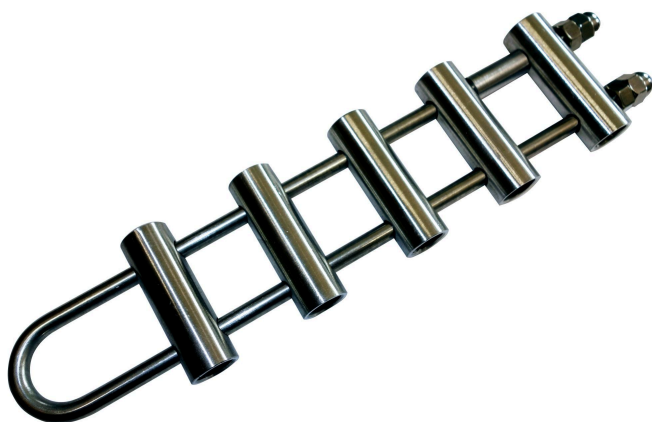




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Abseil Rack Instructions



DESCRIPTION

The Aspiring Abseil Rack is a simple U-frame style rack with five tubular friction bars, designed to minimise weight and maximise durability.

The frame is the minimum length for optimal control on stiff ropes, and is wide enough to accept double 11mm ropes, to allow for double rope abseiling or lowering. The top, third, and fifth bars are fixed to the frame on both sides, while the second and fourth bars are only fixed on one side and can be lifted at

the other side to allow the rope to be threaded. The Aspiring Abseil Rack is entirely made out of stainless steel for maximum durability and corrosion resistance. The rack is strong enough to be used for lowering during rescues and, if necessary, can also be used for belaying.

TRAINING

Activities related to the use of this device are potentially dangerous and it must only be used by trained and experienced persons. Before using the abseil rack, it is essential to: have received adequate training and instruction.

WARNINGS BEFORE USE

Before use, read the instructions carefully and ensure that you fully understand them. Ensure that all equipment is in perfect operating condition, that it is appropriate for the intended use, that all the elements and components are compatible with each other, and comply with the rules, regulations, and directives currently in place. Check that the device is assembled correctly. The abseil rack should be checked before each use and carefully inspected for damage before each trip.

Warning! Do not use a rack for activities that exceed its limitations or for uses that are different to those intended! Each individual is responsible for his/her own choices and actions: anyone who is not capable of assuming this responsibility must not use this device under any circumstances.

Warning! There are many incorrect or erroneous usage procedures and only the procedures indicated as correct are allowed: all other possible usage procedures must be considered forbidden.

Warning! Inspect hardware before each use to ensure that the bars are functioning correctly and close properly. If necessary, lubricate sparingly or replace the defective item.

DEVICE FOR PERSONAL USE

Each abseil rack is to be considered strictly for personal use. If it should be used by a second user, carry out a check of the device before and after usage.

Warning! Never use equipment whose complete history is unknown to you or that does not have the correct documents (instructions for use, any checking forms, etc.).

LIFE SPAN

The maximum lifespan of the abseil rack is theoretically indefinite but it is still advisable to replace it after 10 years of use.

Warning! The lifespan of the device can be limited even to just one use, where it is involved in an exceptional event (hard falls or swinging falls, weighted against an edge and bent, etc.). In case of doubts on the functioning and good conservation state of the device, do not use it and contact the manufacturer.

ELIMINATION

Stop using the device immediately: if the maximum lifespan has been exceeded; if it is obsolete or outclassed due to standards' updates; if the result of the check is not satisfactory; if you are not certain that the device is in a good condition; if it has been exposed to an exceptional event or a hard fall: even if there is no visible defect or degradation, its initial strength and resistance could be seriously diminished.

Warning! Destroy discarded products to avoid any further use.

TAMPERING AND REPAIRS

Any alteration or tampering immediately voids the guarantee, and is forbidden as it can compromise the safety of the equipment itself. Repairs, where feasible, must be carried out exclusively by Aspiring or by staff that has been expressly authorised to do so by the manufacturer.

MAINTENANCE AND CLEANING

Avoid contact with sources of heat, abrasive and sharp objects, corrosive substances or solvents. Wash with clean water and if necessary, add a small amount of neutral soap to remove persistent dirt; use a clean and non-abrasive cloth. If the device is damp or wet, leave them to dry out in the open air away from direct heat sources and away from direct sunlight.

STORAGE AND TRANSPORT

For optimal storage, put the device away completely dry at room temperature in well ventilated areas. Do not expose the device to chemically aggressive substances, persistent dust or dirt or environments with high concentrations of salt. During transport, avoid compressions, exposure to direct sunlight and contact with sharp objects. Do not leave the device in the car or in closed environments that are exposed to the sun.

OPERATION

To thread the rope, hold the rack with the nuts at the top and the opening bars lifting upwards. Form a loop of rope and push it up and over the second bar, and then make another loop over the fourth bar. Ensure that the bars sit back onto the frame properly - they should latch loosely rather than being a snap fit.

The rack is connected to the harness with a locking carabiner. When abseiling, the friction of the rack is adjusted by moving the bars up and down the frame. On very thick or stiff ropes, or for low angle abseils, the lower bars are not used, and the rope passes over only the second bar. This configuration should be used with great caution, as not much friction is available.

If the rope is very thin, greater control can be achieved by passing it right around the rack and looping it over the top bar. Because this pulls the bars closer together, it is very effective for supplying extra friction. With ropes of standard thickness this technique will bring the abseil to a stop.

GUARANTEE

All Aspiring products are guaranteed for the life of the product starting from the purchase date and covers any manufacturing defect or defect in the materials used. The following are excluded from the guarantee: normal wear, inadequate maintenance and storage, incorrect or improper usage, unauthorised tampering or repairs, lack of observance of the instructions for use.

SPECIFICATIONS

Model	Rope Diameter	Material	Length	Width Between Bars	MBS
DAR01	Up to 11mm x 2	Stainless Steel	24cm	23mm	27 kN

REPLACEMENT PARTS

Code	Quantity	Description
DARF1	1	Abseil Rack Frame
DAR12	3	Bar - Fixed
DAR13	2	Bar - Latching
JA008	2	Hex Nut
JA010	2	Acorn (Dome) Nut
DAR11*	-	Spare Bar Kit (Set of Four)

* The spare bar kit includes two fixed and two latching bars. The first fixed bar on the rack receives very little wear and typically does not need to be replaced.

REPLACING BARS

When replacing bars, carefully remove the nuts on the end of the frame. Thread bars onto abseil rack frame, starting with a fixed bar and alternating between latching and fixed. Ensure bars are able to slide without too much friction. Assemble with latching bars opening to the left upwards as the rack faces away from the user. Add both pairs of nuts back to the frame and align them to be parallel. It is important to tighten the hex nuts against the acorn nuts ensuring the acorn nuts do not spin. Tension to 11 Nm (8.25 ft-lbs) using a torque wrench.

Revised 23/04/2025

Version 1.5