PERIODIC CHECKING OF PERSONAL PROTECTIVE EQUIPMENT

ROLLNLOCK

DEVICE IDENTIFICATION SHEET			
Trademark	CT	Manufacturer	Aludesign S.p.A. Via Torchio 22, 24034 Cisano B.sco (BG) ITALY
Reference standards	EN 567, EN 12278		

PARTS IDENTIFICATION	
PRIMARY ELEMENTS	Moving and fixed side plates, sheave position lever, locking cam and other metallic parts.
SECONDARY ELEMENTS	/
REPLACEABLE PARTS	/

Fill-out this inspection sheet following the inspection procedure, photographs and instructions supplied by the manufacturer, which you can download from www.climbingtechnology.com. **Attention!** The examiner's verdict on the severity of the anomaly must be based on objective criteria and the specific training received. The producer accepts no responsibility deriving from inexact information recorded by the user or servicer.

DEVICE PERIODIC CHECK SHEET	
1) HISTORY AND GENERAL CHECK	
1.1	Check the existence and the readability of the marking details, in particular the CE symbol and the applicable EN norm/standard.
1.2	Check that device has not exceeded the storage and/or in-use lifetime, as stated in the specific instructions for use.
1.3	Check that the device is intact and no parts are missing (check against a new product).
1.4	Check that the device has not been modified outside the factory or serviced in a non-approved centre (check against a new product).
1.5	Check that the device has not experienced an exceptional event (e.g. fall from height, violent blow, etc.). Even in the absence of visible defects or deterioration, the original strength could be seriously reduced.
2) VISUAL CHECK	
2.1	CHECKING THE DEVICE • SIDE - Make sure there are no cuts, cracks or sharp edges. Make sure there is no wear, paying most attention to where the rope can rub. Make sure there is no corrosion or oxidation. • LOCKING CAM AND OTHER METALLIC PARTS - Make sure there are no deformations, cracks or sharp edges. Make sure there are no incisions deeper than1 mm. Make sure that areas of wear are no deeper than 1 mm, paying particular attention to where the rope or connectors are in contact with the device (e.g. locking cam).

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3) FUNCTIONAL CHECK	
3.1	CHECKING MOVING PARTS • MOVEMENT OF THE MOVING SIDE PLATE - Check that the side plate can rotate completely without sticking. Check that the side plate returns without sticking and correctly fits over the bushing. If necessary lubricate moving parts with a silicon-based oil spray, according to the device's instructions for use. • LOCKING CAM - Check the cam can move freely and without sticking when the sheave position lever is in the unlocked position. Try releasing it slowly to avoid any spring effect. If necessary lubricate moving parts with a silicon-based oil spray, according to the device's instructions for use. • SHEAVE POSITION LEVER - Check the lever moves without sticking. In the locking (ascender/hauling) position, the cam should not move. If necessary, clean it with compressed air and lubricate moving parts with a silicon-based oil spray, according to the device's instructions for use. • ROTATION OF PULLEY - Configure the device as a simple pulley as indicated in the instructions and check the pulley rotates without sticking. If necessary, clean it with compressed air and lubricate moving parts with a silicon-based oil spray, according to the device's instructions for use. • BUSHING - Make sure the side plate bushing is not loose.
3.2	CHECK IN LOCKING MODE Attach a suitable-diameter rope to an anchor point. Attach the device to the rope in locking (ascender/hauling) mode as described in the instructions for use. Insert a connector into the connector hole. Pull the device up the rope making sure that the device moves freely up the rope. Verify the holding power of the locking function by loading the clamp with the weight of the body, using a webbing previously inserted in the connector. Unlocking the device is only possible when you unload it.

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PHOTO APPENDIX
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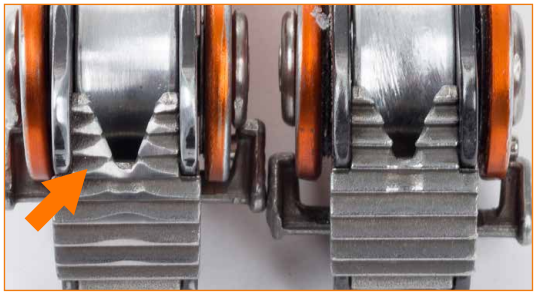
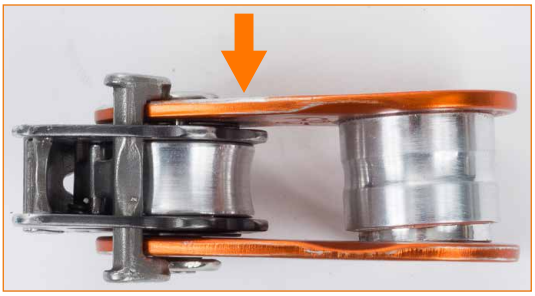
Sheave position pin.very worn (left). See difference compared to new pin (right).

Sheave position lever does not automatically return to position (right): you see the difference compared to a device with the lever correctly functioning (left).

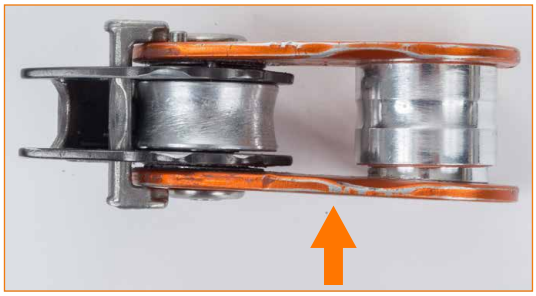
Locking cam with worn teeth: the damaged parts are evident (lighter-coloured and smooth).



Locking cam with worn teeth (left): see difference compared to new device (right).



Fixed side plate bent so that it can no longer be attached properly to the moving side plate (perhaps the device has been used without the moving side plate correctly connected).



Moving side plate does not return by itself to aligned position and doesn't snap over bushing.

Locking cam which doesn't automatically return to position. 🔧 Clean with compressed air, wash with soap and water and lubricate with silicon-based oil spray. If the problem is not completely resolved, scrap the device.

Pulley with scoring/wear on metallic surface.