

PERIODIC CHECKING OF PERSONAL PROTECTIVE EQUIPMENT FALL ARREST DEVICES COMPARABLE TO SKC

DEVICE IDENTIFICATION SHEET

Trademark		Manufacturer	Aludesign S.p.A. Via Torchio 22, 24034 Cisano B.sco (BG) ITALY
Reference standards	EN 353-1, EN 353-2		

PARTS IDENTIFICATION

PRIMARY ELEMENTS	Body, locking cam, safety lever, connector. Only for mod. SKC EVO: reel, oneway mobile body system, fork for webbing connection.
SECONDARY ELEMENTS	/
REPLACEABLE PARTS	Energy absorber with integrated connector

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 FALL ARRESTER <ul style="list-style-type: none"> BODY - Make sure the body is not bent and that there are no cuts, cracks or sharp edges. Make sure there is no wear, paying particular attention to the areas in contact with the cable. Make sure there is no corrosion or oxidation. LOCKING CAM - Make sure there are no bent parts, cuts or sharp edges. Make sure there are no cuts. Make sure there are no areas of wear, paying particular attention to the areas in contact with the cable. Make sure there is no corrosion or oxidation. SAFETY LEVER - Make sure there are no bent parts, cuts, cracks or wear.

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2.2	<p>CHECKING THE ENERGY ABSORBER (IF PRESENT)</p> <ul style="list-style-type: none"> • WEBBING - Make sure there are no cuts, abrasions, unravellings, wear, corrosion or traces of chemical substances. • STITCHINGS - Make sure there are no cuts, abrasions, pulled or loose threads, wear, corrosion or traces of chemical substances. Make sure there are no tears in the stitching at the start of the energy absorber due to having arrested a fall. • PROTECTION SHEATH - Check that the protection is present and under such condition to allow the inspection of the underlying webbing, verifying the label legibility. <p><u>In case you find any damages, you must proceed with the replacement by means of the proper spare part (energy absorber with integrated connectore, screw and nut).</u></p>
2.3	<p>CHECKING THE CONNECTOR (IF PRESENT)</p> <ul style="list-style-type: none"> • Verify the presence of the EN 362 connector the device comes equipped with, and the presence of the metal cable that connects the connector to SKC device. • Check the condition of the connector by following the relevant <u>inspection procedure</u> and the <u>instructions for use</u>.
3) FUNCTIONAL CHECK	
3.1	<p>CHECKING THE DEVICE'S MOVING PARTS</p> <ul style="list-style-type: none"> • LOCKING CAM - Check the cam can move freely and without sticking. If necessary, clean it with compressed air and lubricate with a silicon-based oil spray, according to the device's instructions for use. Important! <u>If the cam is seized or doesn't move freely, the device will not lock on the cable, risk of death.</u> • SAFETY LEVER - The lever must rotate without sticking. Check the spring is working correctly to automatically return the lever to the locking position. Check the cable doesn't exit from its housing. If necessary lubricate the lever pin. Check the rotation of the built-in small roller. • ONEWAY SYSTEM (only for SKC EVO model) - The Oneway System must rotate without sticking. When the device is turned upside down the ONEWAY system must prevent the opening movement of the cam. • FORK FOR WEBBING CONNECTION (only for SKC EVO model) - The fork must rotate without sticking.
3.2	<p>CHECKING DEVICE MOVES FREELY ON CABLE</p> <p>Attach the device to a suitable-diameter cable fixed an anchor point. Slide the fall arrester along the cable, pulling it by the connector to check that it runs freely both upwards and downwards. This check must be carried out using the Ø 8 mm metal cable recommended in the instructions for use.</p>
3.3	<p>CHECKING LOCKING</p> <p>With the fall arrester attached to the cable from the previous test (if there is no connector, insert a compatible connector into the connector hole) pull the device sharply downwards to make sure it immediately and effectively locks on the cable. Unlocking the device is only possible when you unload it. This check must be carried out using the Ø 8 mm metal cable recommended in the instructions for use.</p>

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PHOTO APPENDIX

FALL ARREST DEVICES COMPARABLE TO SKC



Bended locking cam.



Safety lever that doesn't return autonomously into position.



Deformed body.



Locking cam that doesn't return autonomously into position.



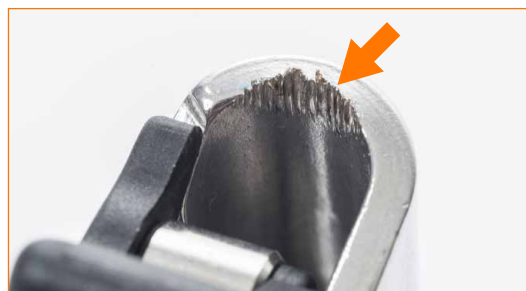
Damaged safety lever.



Welding sign close to the rivet.



Broken connecting cable.



Device that has arrested a fall: edge of the body having incisions caused by the sliding of the cable.

PHOTO APPENDIX

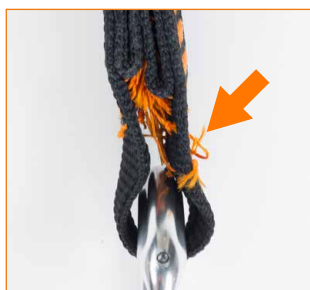
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Device that has arrested a fall: blocking cam having incisions caused by the sliding on the cable.



Device that has arrested a fall: blocking cam having incisions caused by the sliding on the cable.



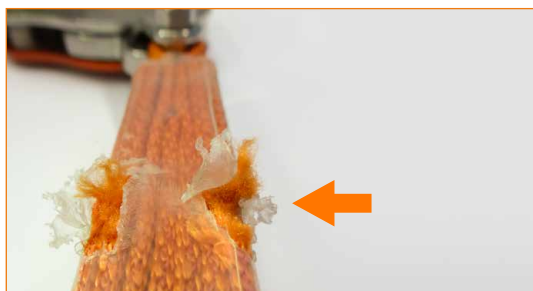
Activated shock absorber: please notice the torn stitching. For a correct control you must check the condition of the webbing and of the stitching below the protection sheath.



Broken safety lever.



Deformed body.



Energy absorber cutted.