

An innovative multifunctional descender developed to meet the demands of the most technical rope access and rescue specialists. The internal mechanism combines with robust hot-forged construction and advanced ergonomics for exceptional control even with heavy loads (up to 250 kg for two person scenarios).

In addition to its primary function as a descender, the Giant is also certified for use as a fall arrest device (i.e. during rope transfers), as an ascender with smooth upward glide, and as a belay device for climbing, making it the most widely certified rope tool of its kind.

The actuating lever features an anti-panic system that locks the rope and arrests the descent in case of excessive pressure on the lever by the user as well as an extra lock off position so the worker does not have to tie off the device.

An external button can be used to hold the cam open allowing the rope to slide easily in situations with limited or no load.

The device can be opened to insert or remove the rope without removing the carabiner (this helps prevent the possibility of dropping the device). The large attachment hole allows for the insertion of a second carabiner making the two plates unopenable.

The logical circular rope path along with clear internal and external markings makes installation of the rope simple and intuitive.

Standards:

- EN 12841 as a rope access device for semi-static ropes ranging from 10 to 11.5 mm:
- Type C: descender of the working line for loads up to 250 kg (from 11 to 11.5 mm) or 210 kg (from 10 to 10.9 mm);
- Type B: ascender of the working line for loads up to 250 kg (from 11 to 11.5 mm) or 210 kg (from 10 to 10.9 mm);
- Type A: fall arrester for the safety line for loads up to 120 kg.
- EN 341/2A as a rescue and evacuation descender for 10.5 mm semi-static rope (Iridium 10.5 mm) for loads up to 200 kg.
- ANSI/ASSE Z359.4 as a rescue and evacuation descender for 11 mm semi-static rope (Iridium 11 mm).
- EN 15151-1 for climbing structures using mountaineering techniques with dynamic ropes ranging from 9.9 to 11 mm.

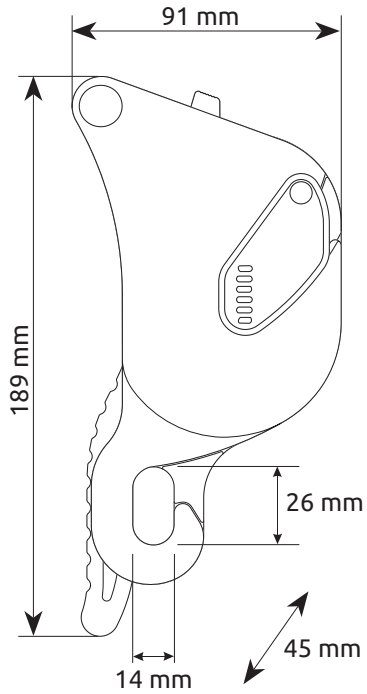


GIANT BLACK
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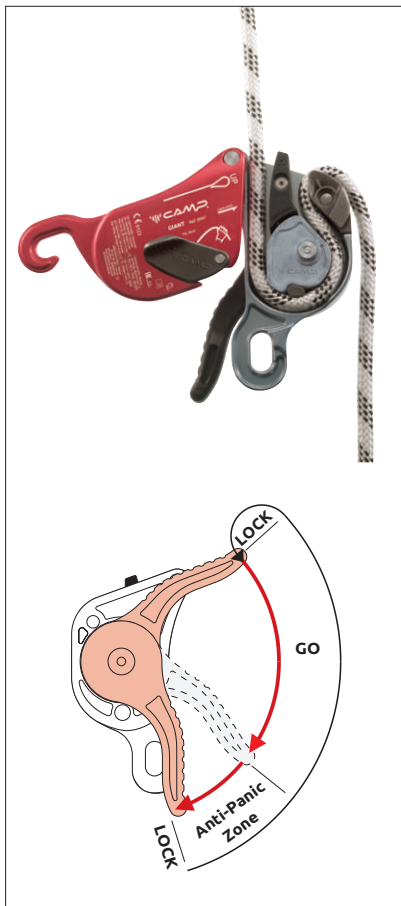
DESCENDER
ASCENDER
FALL ARRESTER
BELAY DEVICE
RESCUE USE

Art.	Product name	Weight		Breaking load	Rope diameter		CE		STANDARD	Rescue use	ANSI	EAC
		g	oz		Min - mm	Max - mm	EN 12841/A-B-C	EN 15151-1				
0997	GIANT	540	11.5	20	9.9	11.5	•	•	•	Max 250 kg	•	•
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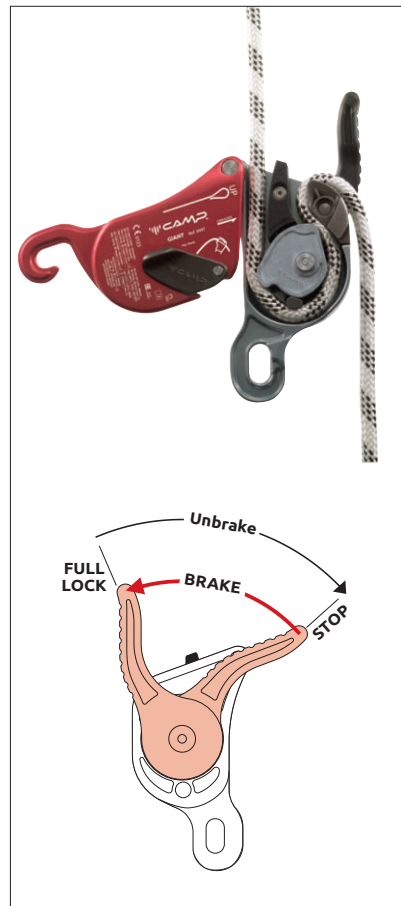
INSTALLATION



DESCENT



FULL LOCK



- 1 Front flange. Made by hot forged aluminium alloy. Markings makes installation of the rope simple and intuitive.
- 2 Rear Plate. Made by hot forged aluminium alloy. Anodized. Stronger than normal blanked and bent flanges.
- 3 Attachment hole. The device can be opened to insert or remove the rope without removing the carabiner (this helps prevent the possibility of dropping the device). The large attachment hole allows for the insertion of a second carabiner making the two plates unopenable. It is possible to use the attachment hole for parking a cow's tail.
- 4 The actuating lever features an anti-panic system that locks the rope and arrests the descent in case of excessive pressure on the lever by the user as well as an extra lock off position so the worker does not have to tie off the device.
- 5 An external button can be used to hold the cam open allowing the rope to slide easily in situations with limited or no load.
- 6 Fixed cam: precision cast stainless steel for high strength and resistance to wear-and-tear. Also serves as a rope guide when lowering to limit contact between the rope and the aluminum side walls.
- 7 Safety lever: precision cast stainless steel. Easy to use for opening the device and inserting the rope.
- 8 Mobile cam made of precision cast stainless steel.
- 9 The patented internal mechanism combines with robust hot-forged construction and advanced ergonomics for exceptional control even with heavy loads (up to 250 kg for two person scenarios).
- 10 The logical circular rope path along with clear internal and external markings makes installation of the rope simple and intuitive.
- 11 CE Marking.
- 12 Batch and serial number.



Rope compatibility

EN 12841C Descender

- = EN 1891 Type A
10 ≤ Ø < 11 mm, max 210 kg
11 ≤ Ø ≤ 11.5 mm, max 250 kg

EN 12841B Ascender

- = EN 1891 Type A
10 ≤ Ø < 11 mm, max 210 kg
11 ≤ Ø ≤ 11.5 mm, max 250 kg

EN 12841A Fall arrester

- = EN 1891 Type A
10 ≤ Ø ≤ 11.5 mm, max 120 kg

EN 341/2A Rescue and evacuation device

- = EN 1891 Type A
C.A.M.P. Iridium 10.5 mm ref.2810A, 40-200 kg, max 200 m

EN 15151-1 Belay device

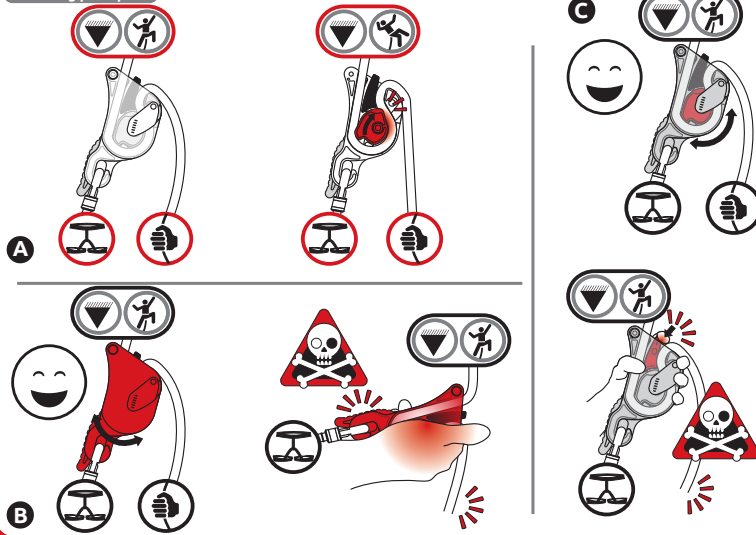
- = EN 892 Single
9.9 ≤ Ø ≤ 11 mm

ANSI-ASSE Z359.4 Rescue and evacuation descent device

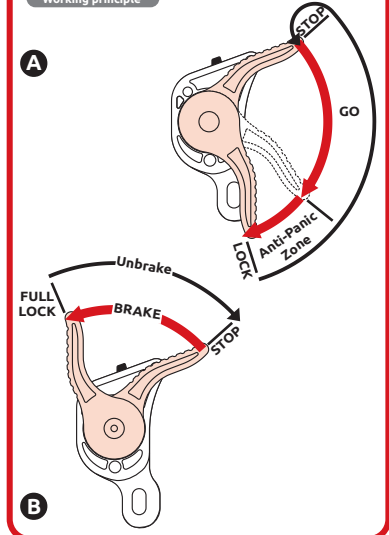
- = EN 1891 Type A
C.A.M.P. Iridium 11 mm ref.2811A, 60-141 kg, max 200 m



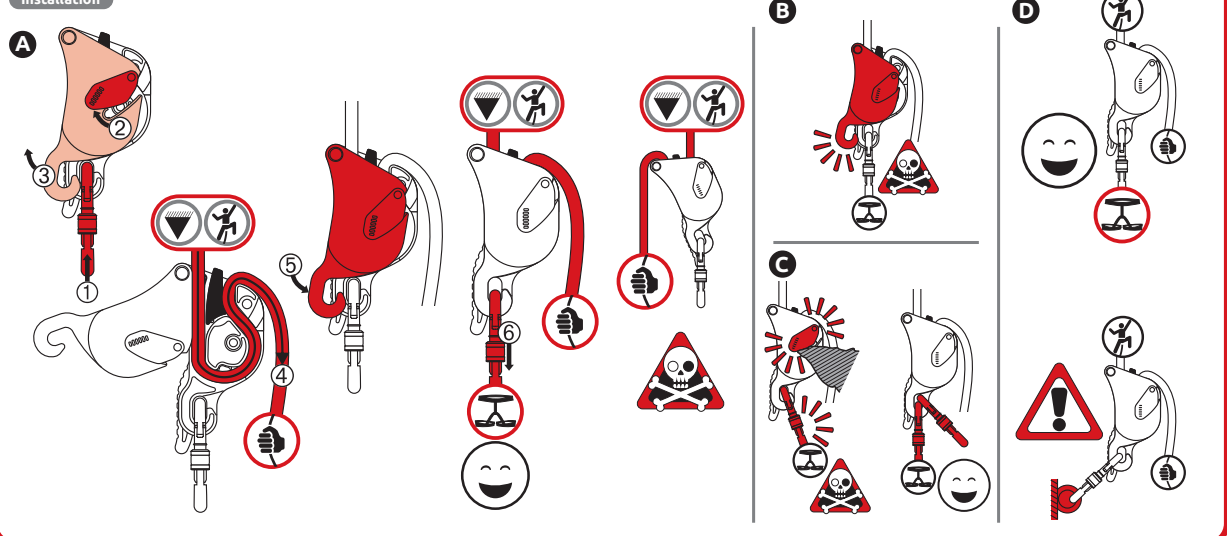
Working principle



Working principle



Installation



Function test

EN 12841C Descending

A

EN 12841C

- = EN 1891 Type A 10 ≤ Ø < 11 mm 210 kg MAX
- = EN 1891 Type A 11 ≤ Ø ≤ 11.5 mm 250 kg MAX

B

C

Horizontal movement

EN 12841B Ascending

EN 12841B

- = EN 1891 Type A 10 ≤ Ø < 11 mm 210 kg MAX
- = EN 1891 Type A 11 ≤ Ø ≤ 11.5 mm 250 kg MAX

EN 12841A Fall arrester

EN 12841A

- = EN 1891 Type A 10 ≤ Ø ≤ 11.5 mm 120 kg MAX

Rescue and evacuation descent

A

EN 341/2A

- = EN 1891 Type A C.A.M.P. Iridium 10.5 mm 40-200 kg 200 m MAX
- = EN 1891 Type A C.A.M.P. Iridium 11 mm 60-141 kg 200 m MAX

ANSI/ASSE Z359.4

B

EN 341/2A

- = EN 1891 Type A C.A.M.P. Iridium 10.5 mm 40-200 kg 200 m MAX

C

D

EN 341 / EN 12841C use with heavy loads (>140 kg): braking carabiner

A

200/210/250 kg
MAX

B

200/210/250 kg
MAX

EN 341/2A
200 kg MAX

→ 11

EN 12841C
210/250 kg MAX

→ 7

EXPERT USERS ONLY

EN 15151-1 Climbing belay

EN 15151-1

• EN 892 Single
9.9 ≤ Ø ≤ 11 mm
100 kg MAX

EN 15151-1 Giving slack

EN 15151-1 Giving slack quickly

EN 15151-1 Taking up slack

EN 15151-1 Arresting a fall

EN 15151-1 Lowering

A

B

C