



Bol 2013





Introduction

Problematic :

- Many incidents non resolved by rope maneuvers with “releasable systems”,
- The risk to link the helicopter to the cliff during the drop off is not addressed.

Examples.



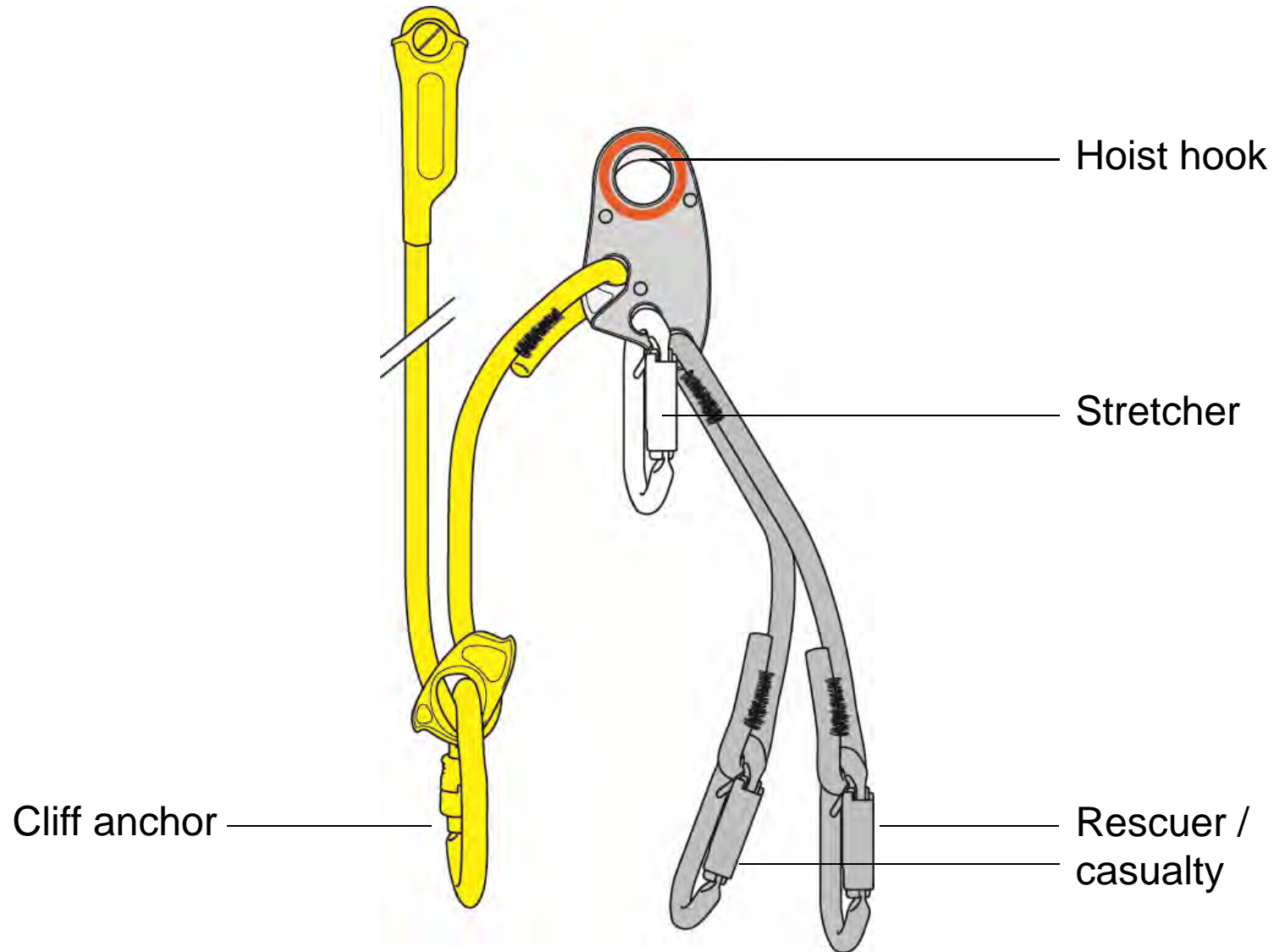
LEZARD prototype

LEZARD (FR) = Lizard (EN)





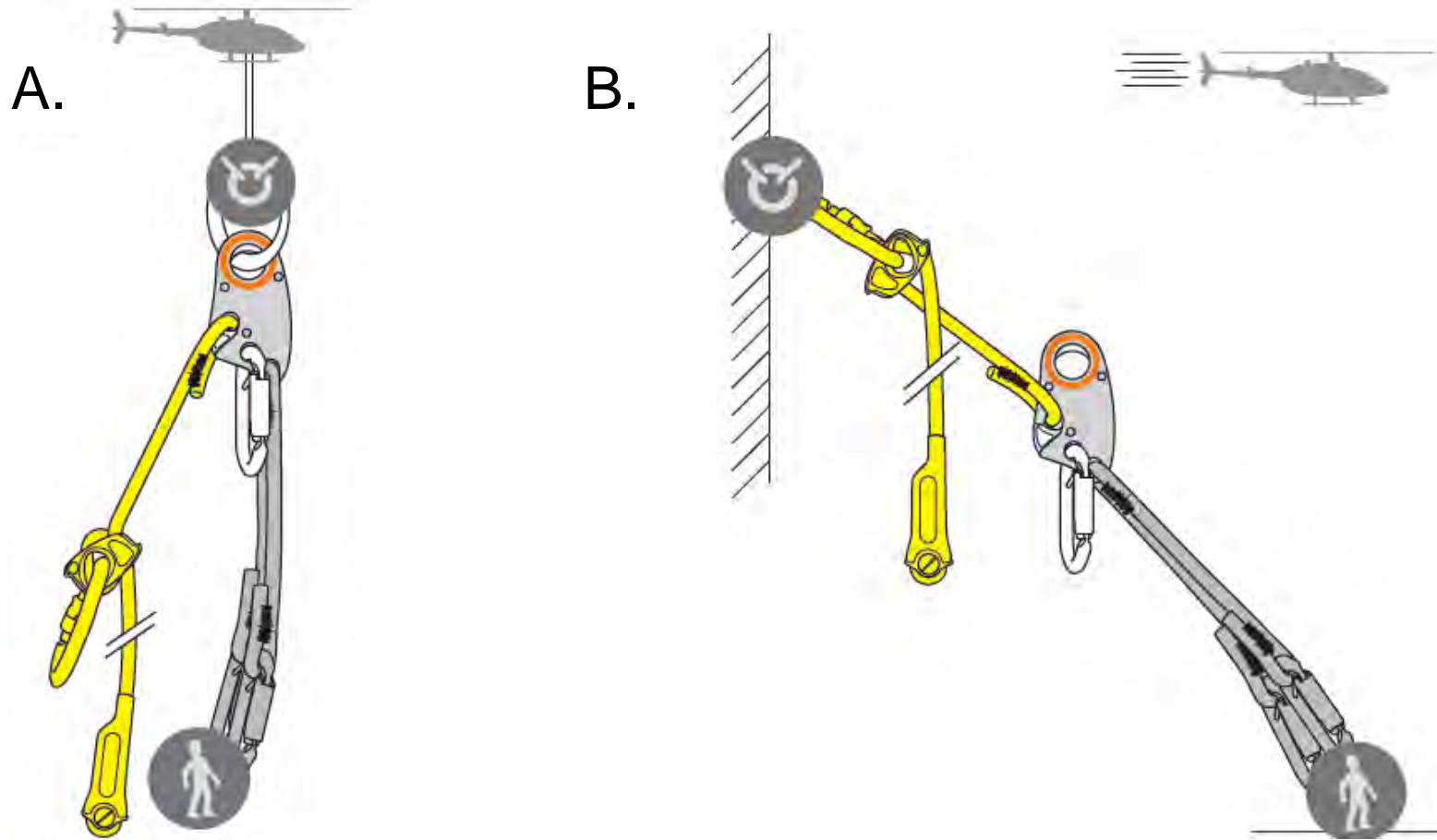
LEZARD prototype





LEZARD prototype

1. Drop off the rescuer

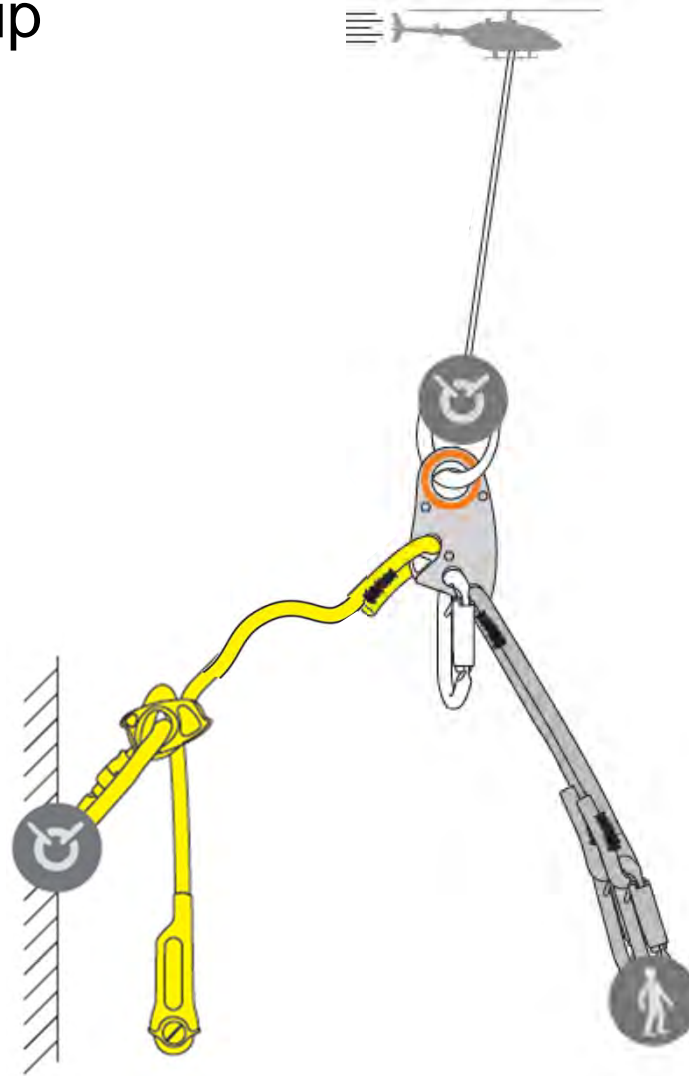




LEZARD prototype

2. Pick up

A.

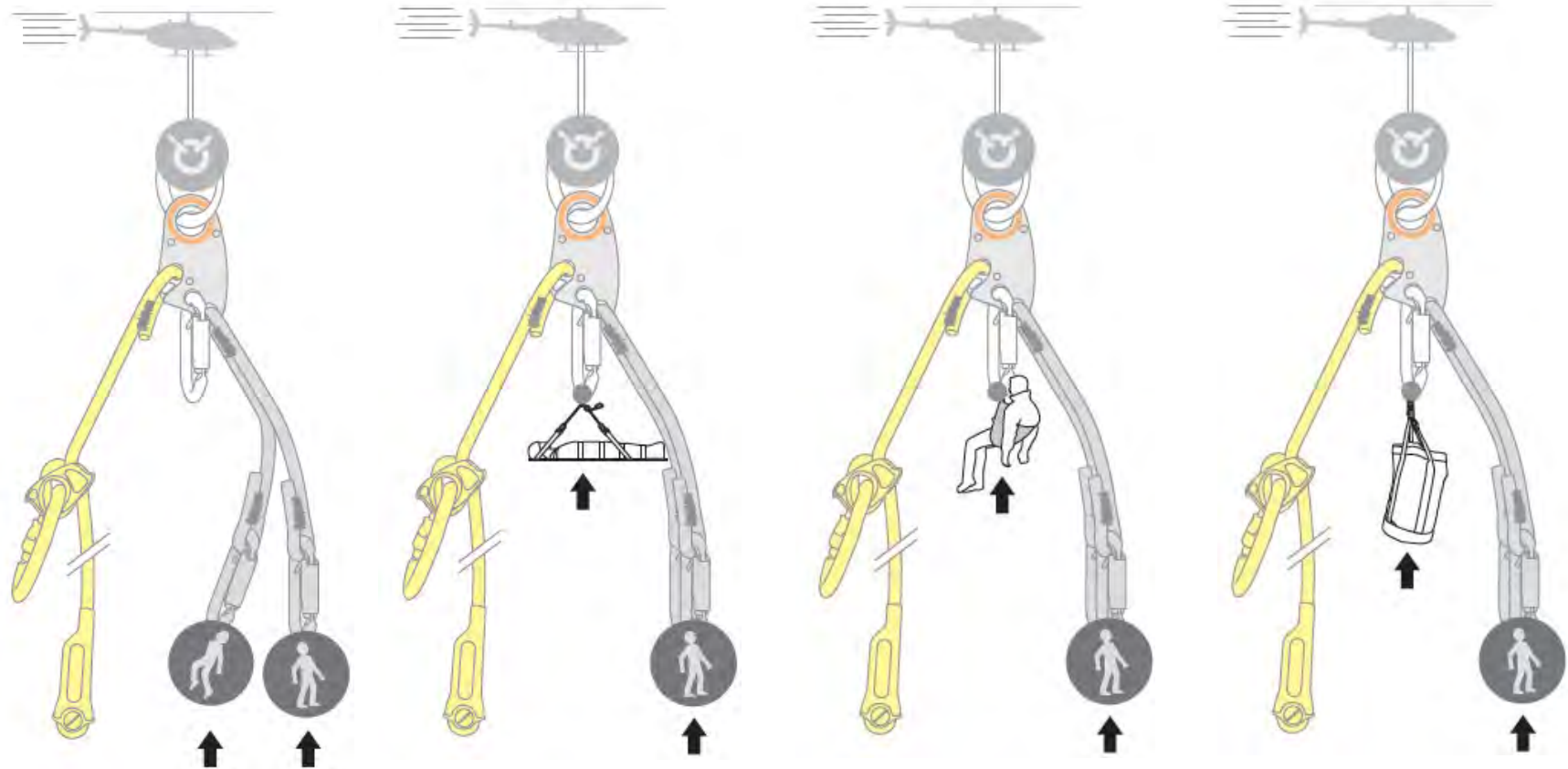




LEZARD prototype

2. Pick up

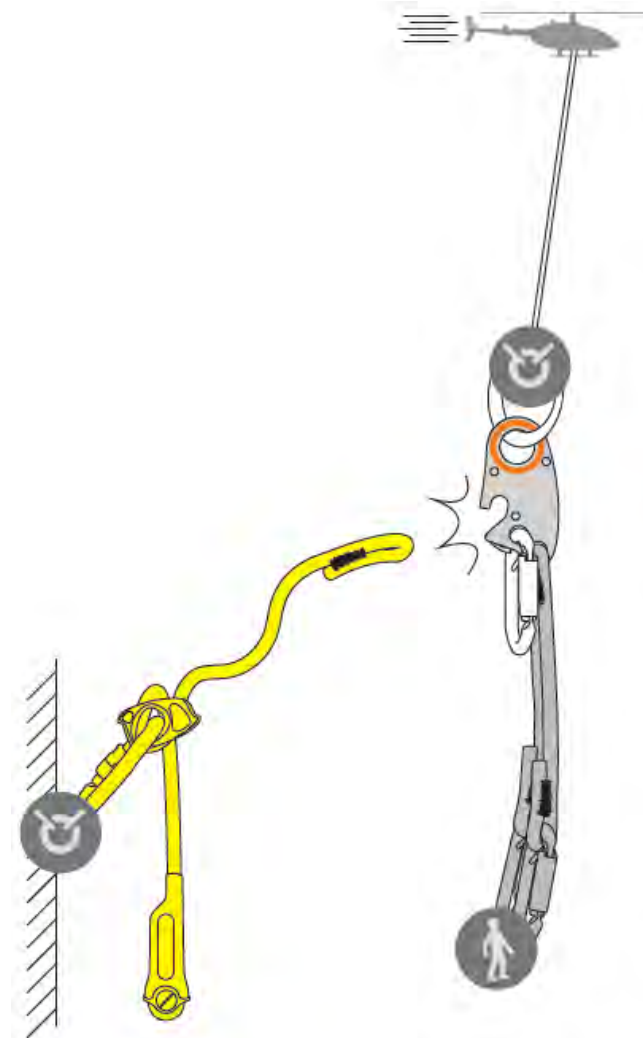
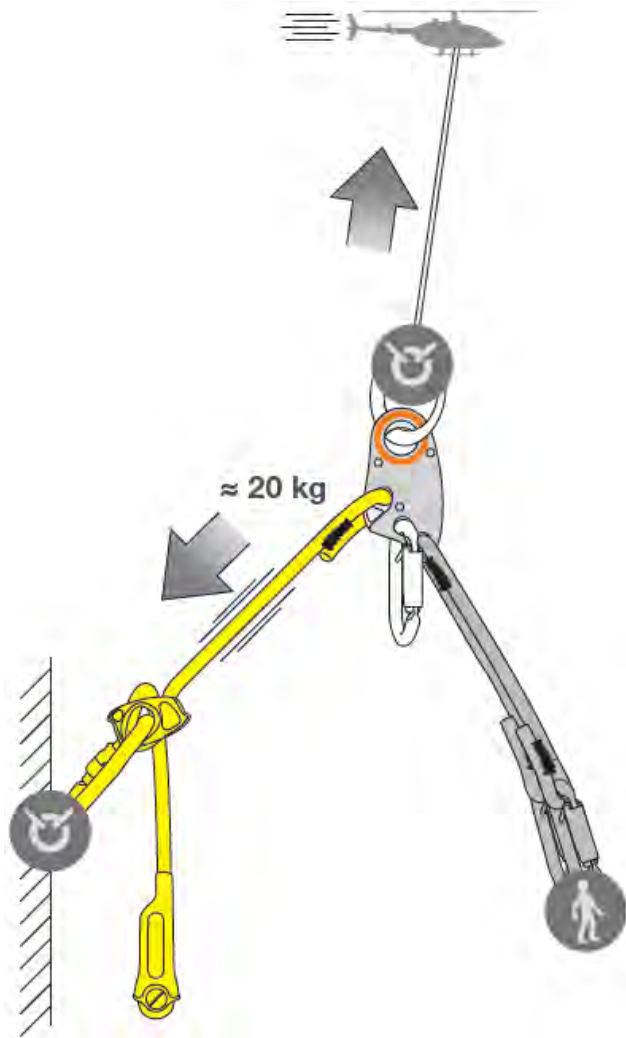
B.





LEZARD prototype

Drop off and pick up - Emergency situation





LEZARD using process

3 main rules :

- Only use the LEZARD when necessary,
- Only helicopter linked to the hoist hook,
- Nothing human on the LEZARD's tail.



LEZARD using process

Use the LEZARD only for drop off and pick off.

Drop off process.

Pick up process.



LEZARD using process

A new tool which requires good training :

- The « human factor » decreases, but still remains,
- The LEZARD will change habits. We will have to adapt ourselves to this new safety device.

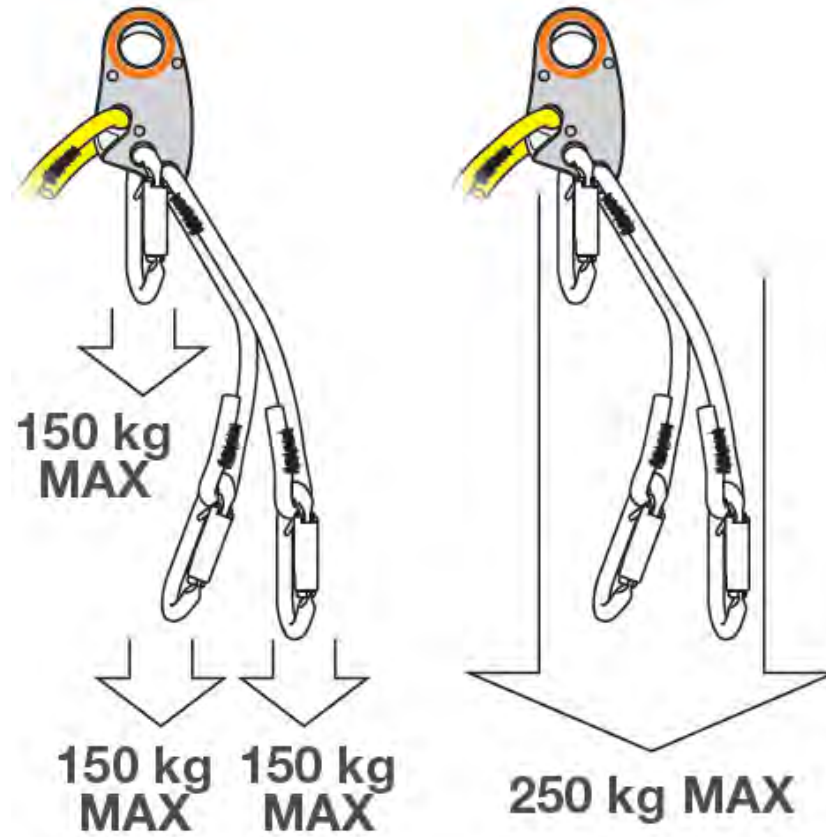
We are now improving the study of use cases; tests with the helicopter will come soon.



Thank you for your attention



LEZARD prototype





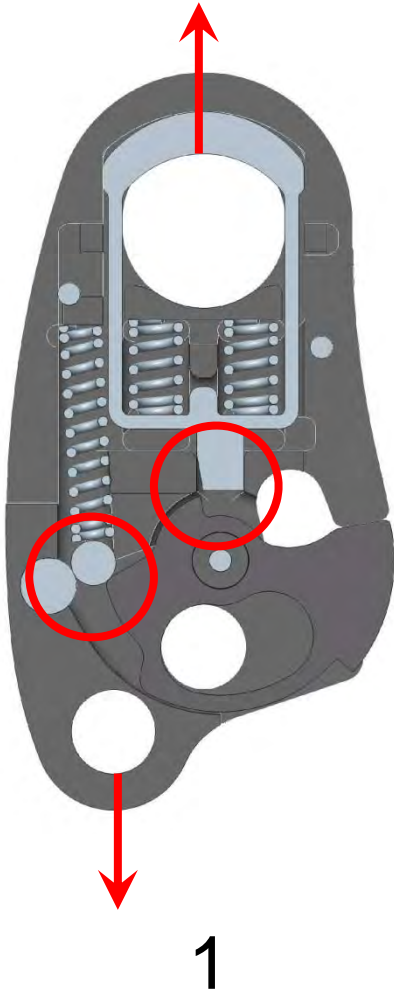
LEZARD prototype



How does it work?

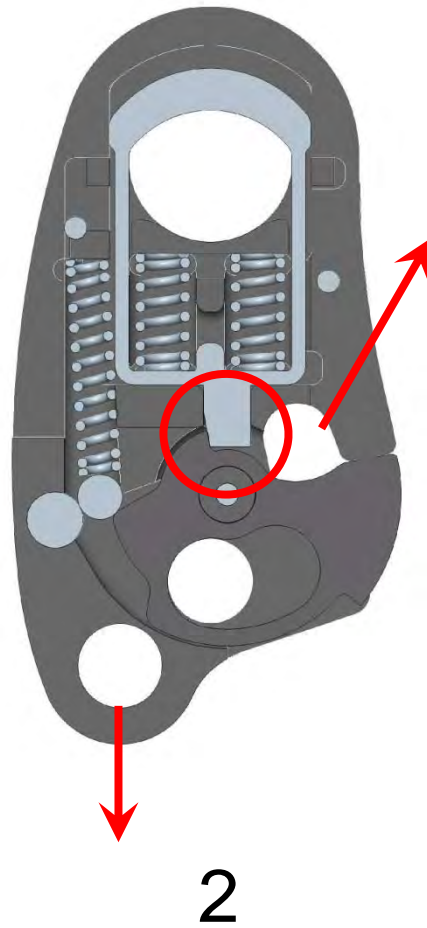
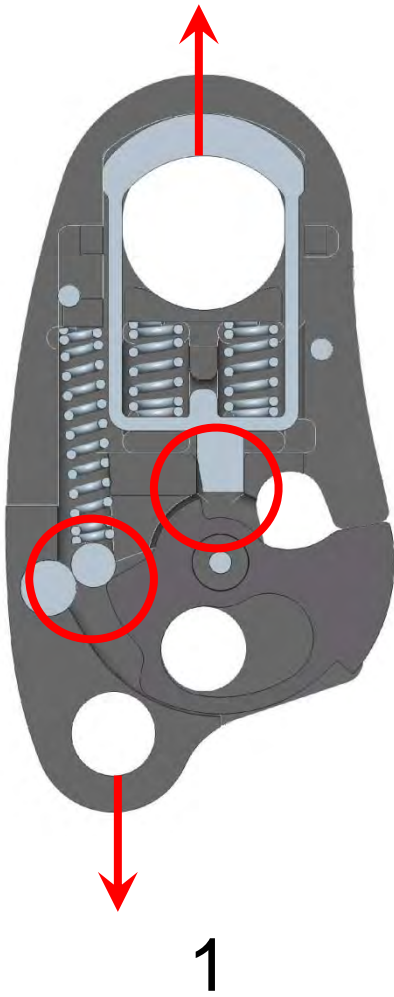


LEZARD prototype



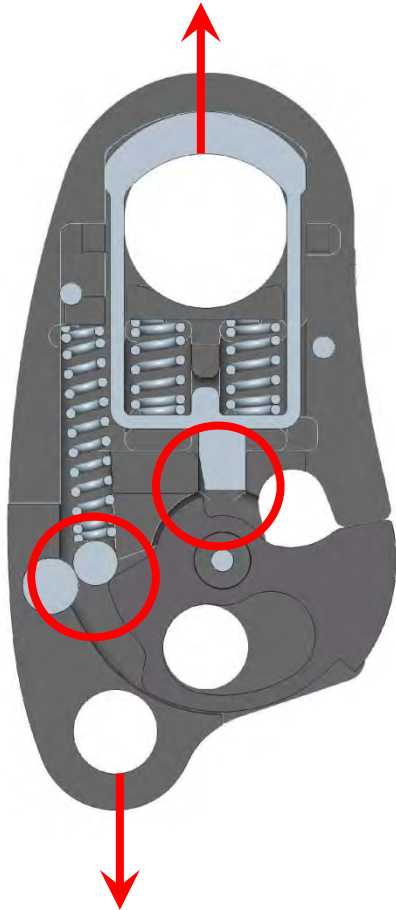


LEZARD prototype

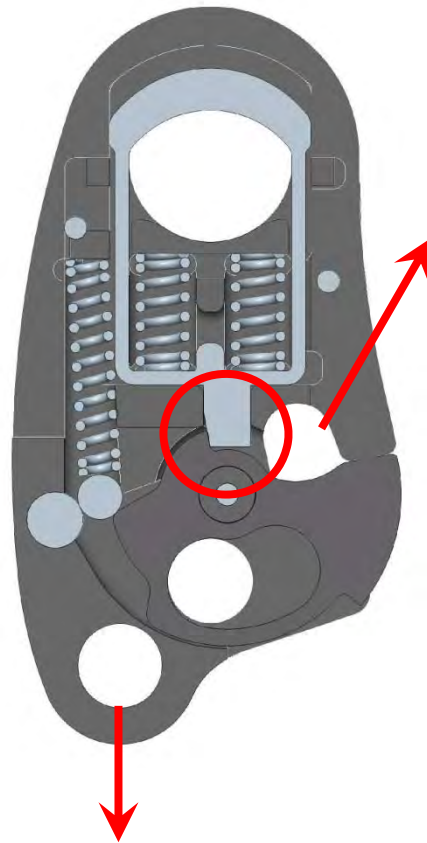




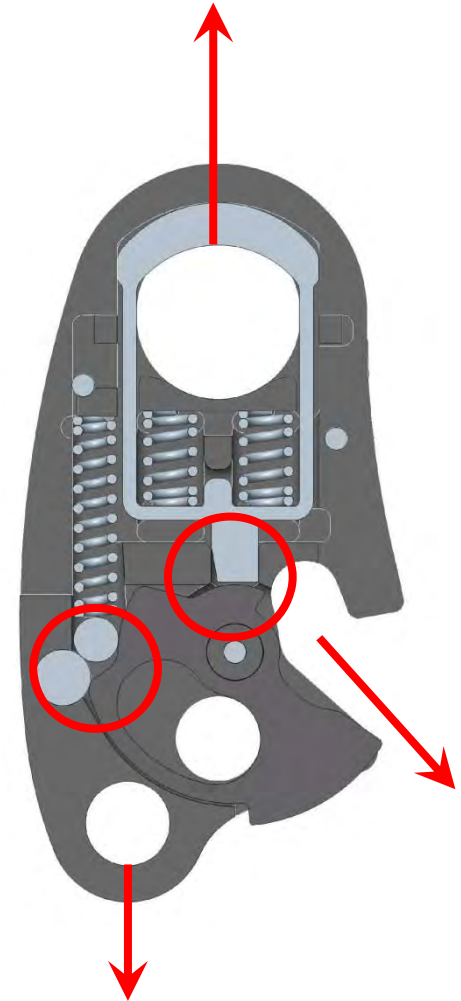
LEZARD prototype



1



2



3