



bringing **LIFE** within reach

## the Problem:

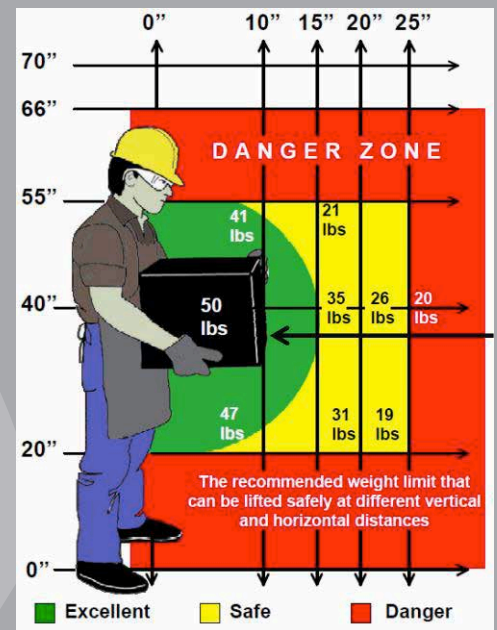
Accessing vehicle roof-top cargo is inherently risky using existing technologies.

- Cargo, such as a ladder, is accessed from the roof of the vehicle directly, or
- A device is used to lower the cargo to a more accessible height, but the device requires overhead operation.

As the figure to the right indicates, overhead operation is inherently dangerous. The Workers Compensation Board in BC clarifies, "Lifting and handling materials above shoulder level ... adds unnecessary stress to the spine and back muscles."

The WCB in Alberta reports that the second and third highest lost time claims for the utilities industry are "Bodily Reaction and Exertion" and "Overexertion." These two alone accounted for over \$800,000 in LTC costs between 2011 and 2016.

The figures below show two sample products on the market today which require overhead operation.



### References:

[http://www2.gov.bc.ca/local/myhr/documents/safety/workplace\\_guidelines\\_prevention\\_msi.pdf](http://www2.gov.bc.ca/local/myhr/documents/safety/workplace_guidelines_prevention_msi.pdf)

<https://my.wcb.ab.ca/lcr/Public/GetReport/3010247>

## Solution: the **RazerLift**

The **RazerLift** lowers roof-top cargo approximately 26", providing superior accessibility, and it is powered and automated. The worker does not need to reach overhead to access roof-top cargo, and he / she does not need to reach overhead to operate the device.



The **RazerLift** keeps the worker's arms in the green zone, providing excellent ergonomics and reducing the likelihood of injuries associated with exertion and overexertion.

Designed and tested to the demanding Alberta climate, and made of high strength Aluminum alloy, this made-in-Canada product takes the strain so workers don't have to.

 **RazerLift**  
[www.RazerLift.com](http://www.RazerLift.com)

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## Features:

- 100 lb of cargo / side (basic model). Enough for multiple ladders per side.
- Single or double sided; you can double your capacity
- Fully automated and powered
- Large cargo platform can accommodate multiple ladders. More cargo can be stored on the curb-side of the vehicle, away from traffic.
- Slotted beams accommodate diverse cargo and custom accessories; not just ladders
- **All operation remains in the ergonomic green zone**
- Bolt-on assembly for straight forward installation.
- Integrates with the vehicle's electric system; no special electrical requirements
- High strength Aluminum alloy construction
- Made in Canada, design and tested in Alberta

available through

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**SOLID ROCK LTD**

worker **safety**

cargo **efficiency**

improved **ergonomics**



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