

# Newsletter – July, 2018

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**Hello Newsletter Subscribers,**

Thank you for signing up to receive my training-centric newsletters. I hope you've found the previous editions informative and helpful for your vehicle-supported adventures. I trust you will enjoy this months newsletter.

# ***Master Pull and Off-Road Safety Academy Team Up to Make Kinetic Energy Recovery More Effective, Efficient, and Safer***



My December, 2017 Newsletter highlighted common mistakes users make during kinetic energy recovery events. In that newsletter I showed several photos of actual mistakes made during kinetic energy extractions on the trail. To be honest, the photos show "trained" professional trail

guides making these mistakes. Pretty shocking.

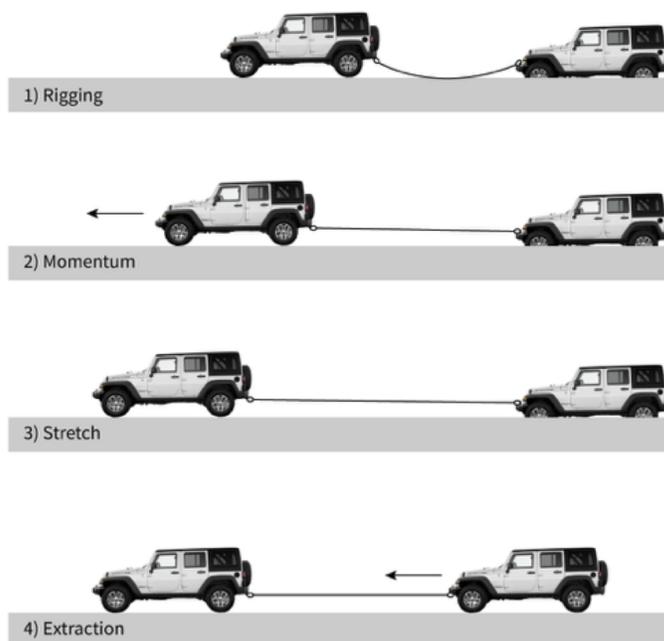
If you don't remember the content and photos in this newsletter, go to the Newsletter Archives on my website and download the PDF.

Kinetic Energy Recovery Ropes (KERRs) and Kinetic Energy Recovery Straps (KERSs) are both made from nylon, a material that stretches when a load is placed on it. Around the world, both KERRs and KERSs are commonly called *yank straps*, *snatch straps*, *tuggum straps*, and *pullum straps*.

## **How Kinetic Energy Recovery Works**

A KERR or KERS can stretch up to 30 percent of its total length when

connected to a stuck vehicle and pulled by a fully functional, four-wheel drive recovery vehicle with traction and measured momentum. Once stretched, a KERR or KERS absorbs a huge amount of elastic potential energy. If during a pull the resistance of the stuck vehicle is overcome by the KERR's or KERSs elastic potential energy, it transforms into kinetic (motion) energy, resulting in an effective, efficient, and comparatively smooth extraction. There are four phases of kinetic energy recovery – 1) Rigging, 2) Momentum, 3) Stretch, and 4) Extraction.

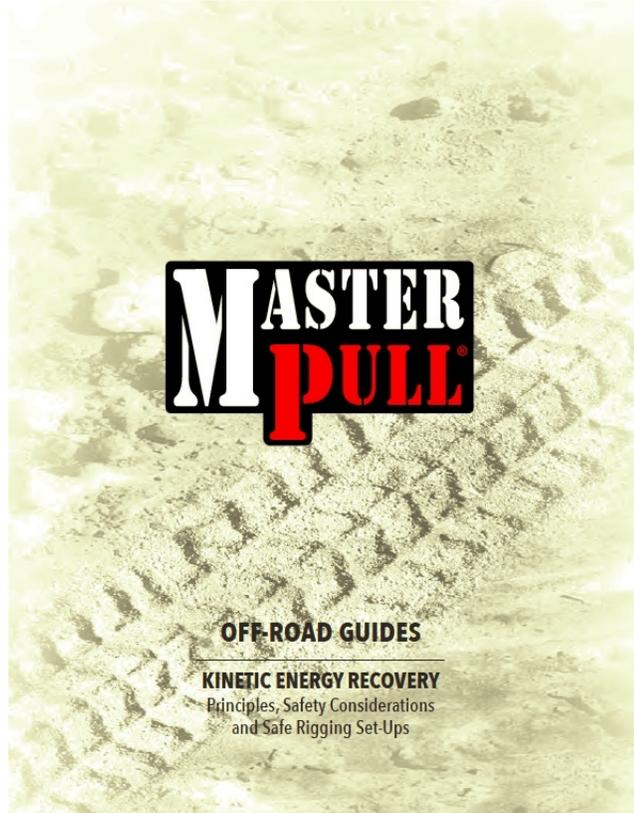


## You Need to put this Booklet in your Glove Box

So, how do you execute a mature, thoughtful, effective, efficient, and safe kinetic energy recovery? Master Pull and Off-Road Safety Academy has teamed up to produce a small 22 page guide on kinetic energy recovery. The booklet *Kinetic Energy Recovery – Principles, Safety Considerations, and Safe Rigging Set-Ups* can be yours for

the asking. The content in this small booklet is directly from my newest book *The Total Approach to Getting Unstuck Off Road*.

Send me an email and I'll forward you a PDF of this booklet. Print the booklet and place it in your vehicle's glove box or console. Say "thank you" to Master Pull for helping produce this important booklet by considering a purchase of their fine recovery equipment. See their website [HERE](#).



## My Third Book Is On Its Way!

The image displays the front cover of a book titled "THE TOTAL APPROACH TO GETTING UNSTUCK OFF ROAD" by Bob Wohlers. The cover is primarily blue and white. At the top, it asks "If you get stuck when you are off-road, remote, and solo, do you know how to self-recover?" and "If you happen upon another vehicle stuck in the backcountry do you have the knowledge, skills, and kit to safely help this person on their way?". The title "THE TOTAL APPROACH TO GETTING UNSTUCK OFF ROAD" is prominently displayed in large, bold, black letters, followed by the subtitle "4WD Self-Recovery &amp; Vehicle-Assisted Recovery" and the author's name "BOB WOHLERS". The cover features several photographs: a 4WD vehicle stuck in deep mud, a vehicle on a steep, rocky incline, and a person working on a vehicle's recovery. A vertical spine on the left side of the cover reads "OFF-ROAD &amp; OVERLAND" and "THE TOTAL APPROACH TO GETTING UNSTUCK OFF ROAD". At the bottom, there is a logo for "OFF-ROAD &amp; OVERLAND" with the website "www.offroadandoverland.com".

My third book in the series is coming in August! There is NO other book like this on the market, anywhere on the planet. *The Total Approach to Getting Unstuck Off Road* will be the MOST complete treatise on the subject ever.

Topics will include:

- \* How to use the STOPA Stuck Assessment and Recovery Plan Checklist
- \* Field Repair Recovery
- \* Traction Recovery
- \* Powered Winch Recovery - Self-Recovery & Vehicle-Assisted Recovery
- \* Hand Winch Recovery
- \* Kinetic Energy Recovery
- \* Towing Recovery

**You NEED this book!**

## **ALSO: Newly Scheduled 4x4 Off-Road Training Course and Tours**

October 19-22 – Fall Mojave Road Tour (\$300)

October 26-29 – Death Valley Overlanding Tour (\$300)

Go to [discoveroffroading.com](http://discoveroffroading.com) for course/tour details and payment. Courses and tours fill fast – sign up now.



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