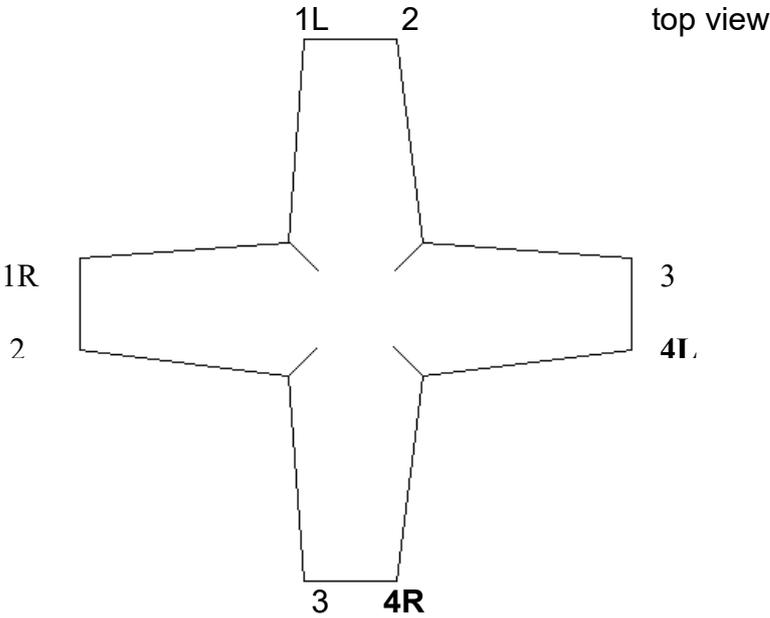
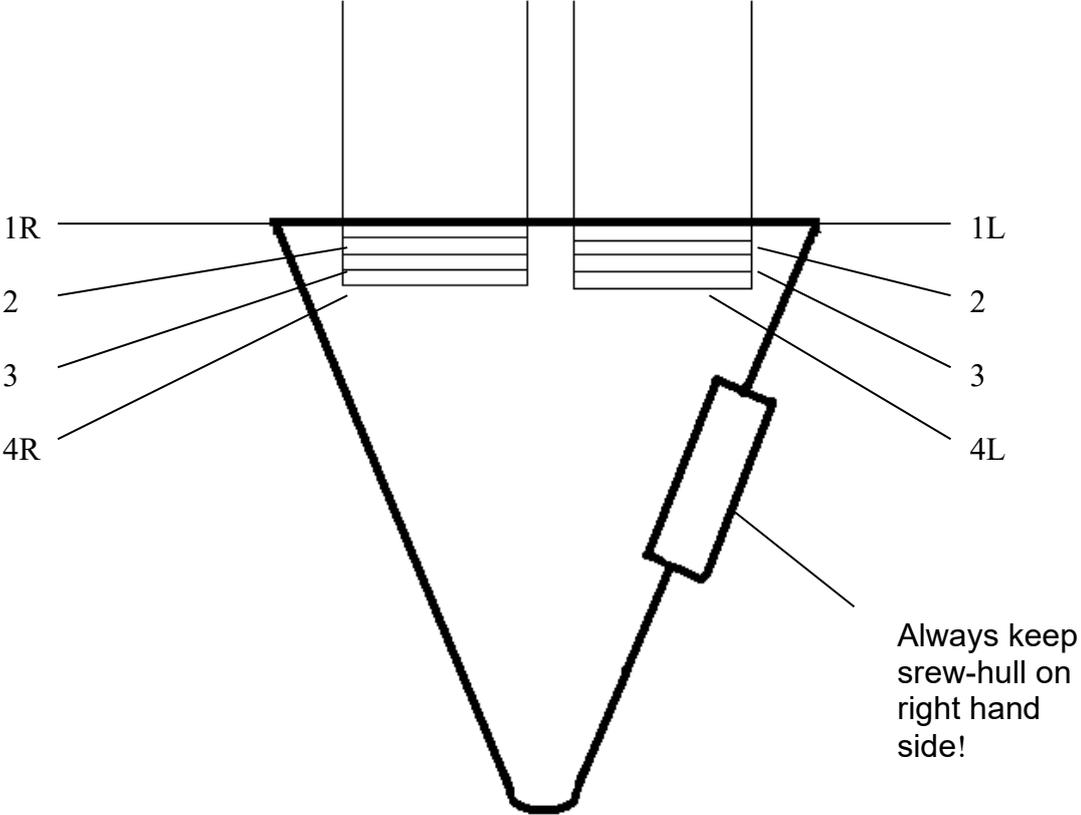


How to adjust the cable drogue when it is turning

- 1. Order the longer harness-straps just as they are set to the triangular ring. Pay attention when using this new cable drogue: Velcroes are stitched to two of the harness-straps.



- 2. Position of the long harness-straps on the triangular ring:



- 3. If cable drogue turns...

...counterclockwise (seen from the position of winch operator)
you have to shorten 4R, contingently lengthen 4L
...clockwise (again seen from the position of winch operator)
you have to shorten 4L, contingently lengthen 4R

By how many centimeters the harness-strap is shortened or lengthened has to be found out with the trial-and-error-method, 1-2 centimeters should be enough!

To find out the direction the cable drogue is turning to, I fasten the cable drogue with a rope (which should be long enough to avoid the car-made turbulences falsifying the results) to the back of my car, speed up to 60 / 80 km/h (40-50 mph) and see how the cable frogue reacts.

Never forget to tie up the harness-straps on the triangular ring or to belt them with the velcro. The harness-straps should never be able to move in any way on the triangular ring because this would change the calibration of the length, additionally the harness-straps abrade faster!

Hint:

If the cable drogue is adjusted properly, i.e., it doesn't turn (anymore), then it is advisable to fasten the longer, adjustable harness-straps with adhesive tape so that they cannot open. Fasten it at the first part of the loop and at the end of the loose part.

BT- cable drogues, new or old design:

When using a **conventional**, older cable drogue which is not apparelled with two velcroes it should be enough to change the order just as I described it in 1.

Is the cable drogue for example turning counterclockwise you first have to put 4R on the triangular ring, then 3R, 2R and lastly 1R so that 1R lies upmost on the triangular ring (see 2nd illustration).

If the cable drogue is turning clockwise, you have to change harness-straps 1L to 4L so that 1L lies on top. Often this is already enough to solve the turning-problem. If the cable drogue should be still turning you may try it with a knot in one of the harness-straps. By any means one thing is always essential: Is the cable drogue turning counterclockwise you have to shorten the harness-straps on the right hand side and vice versa.

If the cable drogue turns counterclockwise, it's the right hand side. By "side" I mean just one track of these four, i.e., one harness-strap from the left or one harness-strap from the right.

In fact, the whole system is quite easy to understand once you have familiarised yourself with it. In case it shouldn't work, just call me or sent the cable drogue back to me. For me it's a point of honour to help you with turning-problems for free. Really a point of honour.

Sincerely,

Your cable drogue-specialist
Jürgen Daube, also known as Giorgio Doga

