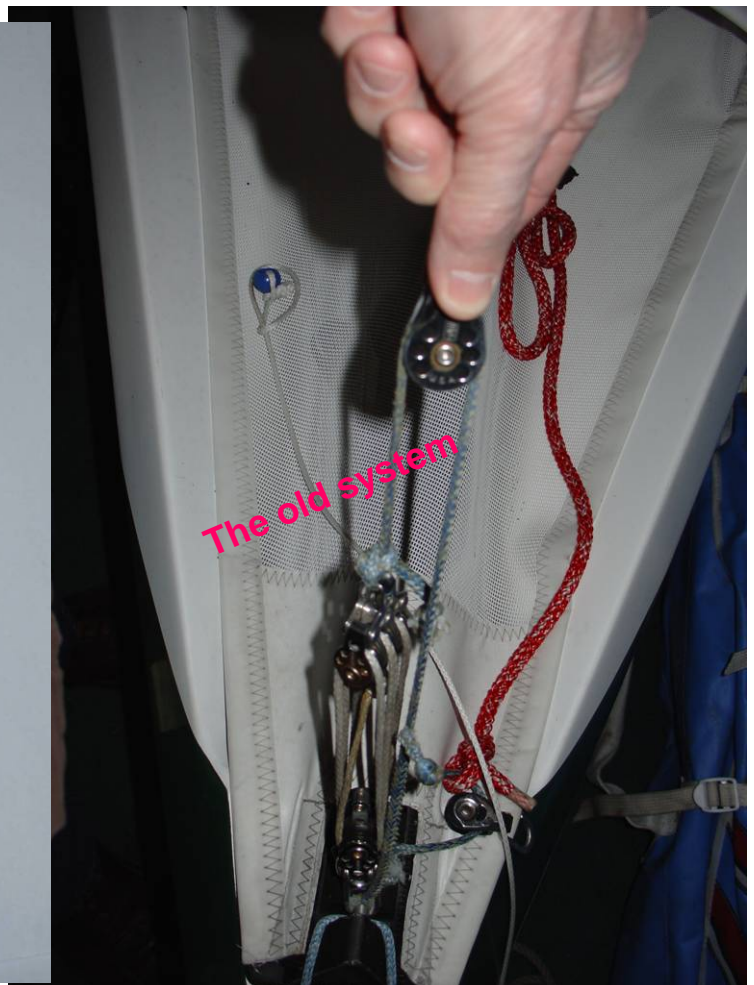


New Adjustable Forestay

I highly recommend going to an adjustable forestay. The system on the right below was the system I used for the past two seasons. The system on the left is plenty powerful enough and much more compact both in length and girth. That is a mountain bike inner tube around the new system and the entire package is about 1 ¼" in diameter. The bad news is that you cannot purchase these small fiddle blocks so you'll have to make them yourself out of readily available parts.





Remove the pins



Drive the axle through the bushing and bottom cheek. Flatten the flares on both sides

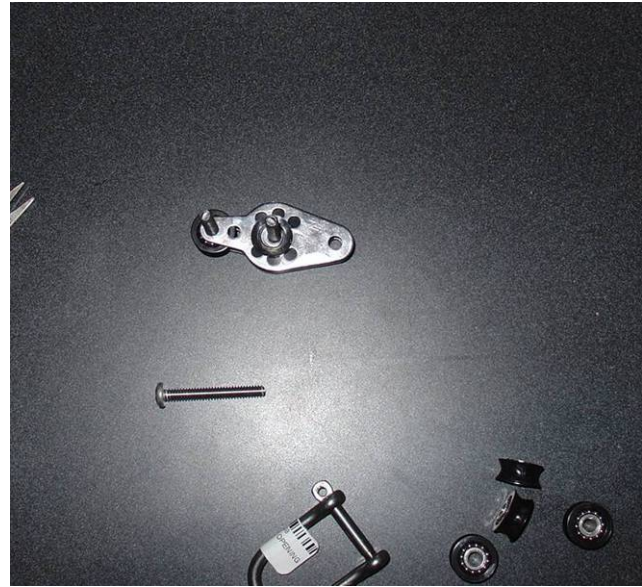


Turn to the dimpled side and drill the axle end with 3/16 drill till the top cheek comes free





Insert 10/24 screws and stack the sheaves



add cheeks and sheaves (and 1 becket on small sheave side with appropriate washers on large block side)

This is a tripple that will give you 12-13 parts of purchase. With double stack you will get 8-9 parts of purchase



What you need to build the purchase system

These are all Harken Parts.

4 ea. 415 sheaves

4 each 312 blocks with becket

some appropriate 10-24 machine screws with locking nuts

6 feet of 1/8" 12 braid from your parts kit

Bolt two of the sheaves together and include the two small sheaves and the shackle,



Above

The blocks on the left will make a 7 part purchase system while the fiddle blocks to the right make a more compact 9 part purchase. The result is a lighter system with less windage and, once covered with the inner tube, nothing to snag your kite on.



Other additions



You'll need to make another bevel block like the two already installed on either side of the daggerboard case. You can see that it is located just forward of the jib turning block and about 2" away from the mast step on the starboard side. Install the two cheek blocks as shown. The line runs forward and attaches to a bullet block with the becket attached to the end of the forestay control line

You'll need to install a cam cleat and tapered shim on each side of your boat just forward of the chain plates

