

# DARTON

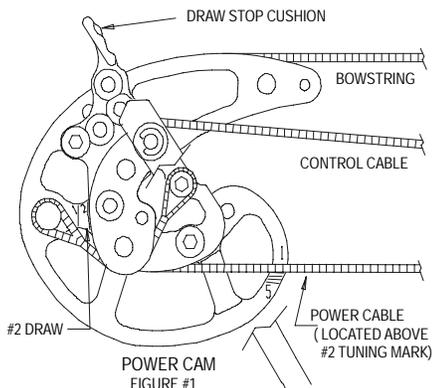
## Executive Vegas

*A Technical Bulletin*

### TUNING TIPS FOR EXECUTIVE C/P/S BOWS

The Executive Vegas introduces the archer to the latest technology in cam development. Because of this technology the Executive C/P/S offer the most flexible cam system available without sacrificing a thing.

The Executive C/P/S will provide performance at all available draw length adjustments. With a useable draw length adjustment range of 5" and level nock travel at any adjustment you can be sure of easy tuning and a bow that is easy to shoot accurately.

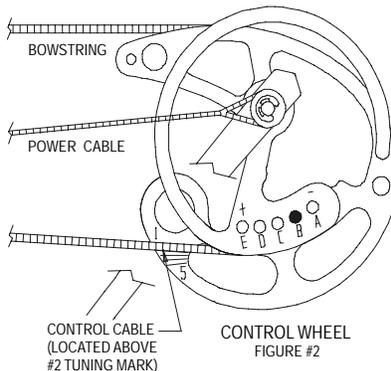


To change draw lengths using the module, put the bow in a bow press and remove the tension from the cables. Remove the two (2) screws from the module and line the module up with the desired new location using the marks of the cam. Put the screws in the two (2) holes that line up with the module in its new position and tighten. Be sure the cables are in their respective grooves before putting the tension back on the cables.

\*To get the listed draw lengths set the bow up using the 'B' position to anchor the bowstring on the Control Wheel. With the bowstring in the 'B' position the cables should be adjusted to align under the tune

marks that correspond with the draw module position (1-5). Once the bow is tuned in this manner the draw length can be changed and the bow will remain in correct tune. The bowstring anchor position can be changed to get draw length adjustments of 1/4" per hole (A-E) without effecting nock travel.

With the bowstring anchored in the 'B' position on the Control Wheel, be sure the cables line up above the corresponding tune marks for the correct tune at the adjusted draw length. Once the tune is correct, any



adjustment may be made to the module or bowstring anchor without requiring additional changes to the cables.

**If the bow needs tuning:**

To move the cable up towards the #1 tune line, the cable needs to be lengthen by removing twists from it. If this is not possible, then the bow string needs to have twist added to it to accomplish the same function.

To move the cable down toward the #5 tune line, the cable needs to be shorten by adding twist to it.

Once the tune is set correctly at the Cam and Control Wheel using the tuning marks, relocating the module will not require re-

tuning.

After the bow is tuned the bowstring anchor at the Control Wheel (fig.2) may be relocated toward the (+) symbol to lengthen the draw, or the (-) symbol to shorten the draw. Changing the bowstring anchor position at the Control Wheel by one (1) location adjusts the draw length adjustment range by 1/4". The use of the five (5) different anchor positions increases the draw length adjustment range by 1", providing a total usable 5" adjustment range, allowing you to get the best fit.

When the bowstring anchor on the Control Wheel is changed after tuning, the alignment of the cables to the tuning marks will change and can't be used for reference. The bow will continue to stay in the correct tune after any bowstring adjustment.

It is suggested that the cable locations be marked on the Cam and Control Wheel with a ink marking pen after all adjustments are completed. These reference marks can be used for a quick tuning check.

The only additional check required is the nocking point location on the bowstring, as it will change location with any adjustment to the bow string using the Control Wheel anchor post.

**Draw Length Chart**

Module location - Executive Vegas

#1A	#2B	#3C	#4D	#5E
25"	26 1/4"	27 1/2"	28 3/4"	30"

Refer to the Service Manual for other pertinent information that is important for safe and correct use of your bow. For additional warranty or tuning information visit our web site [www.dartonarchery.com](http://www.dartonarchery.com) or call Darton Service at 989-728-9511. To order parts, draw length modules or Darton Apparel call Darton Service at 989-728-4231.