

DARTON Vapor

Instructions

A Technical Bulletin

TUNING TIPS FOR C/P/S FORCE 9

The **DARTON VAPOR** proudly introduces the archer to the latest technology in cam development. Because of this technology the VAPOR C/P/S FORCE 9 offers the most flexible cam system available without sacrificing a thing.

The **VAPOR C/P/S** will provide good performance at all available draw length adjustments without the need to retune. With a useable draw length adjustment range of 4" 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 on the Cam and Module (fig. 1). 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.

Adjusting the Module in the direction where the (-) on the module becomes closer to the Cam tune mark will shorten the draw length. Adjusting the module in the direction where the (+) on the module becomes closer to the Cam tune mark will lengthen or extend the draw length

To check the bow for optimum tune it is suggested you have the draw length module adjusted to one of three (3) positions as illustrated in fig. 2 (-, 0 or +). With the module adjusted in the (0) position you would then check to see if the cables lined up with their corresponding tuning marks on the Cam and Control Wheel (fig. 2). If you chose (-) or (+) you would check those corresponding tune marks on the Cam and Control Wheel. Once the bow is tuned in this manner the draw length can be changed and the bow will remain in correct tune at all module adjustment locations.

If the bow needs tuning:

To move the cable towards the (-) tune line, the cable needs 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 (+) 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.

The only additional check required is the nocking point location on the bowstring, as it will change location with any adjustment to the draw length module.

Included in the service package are **draw stop cushions** with pressure sensitive adhesive on the back surface. These are to be used on the draw stop (fig.1) if there is any objectionable noise associated with the power cable making contact with the draw stop when full draw is reached.

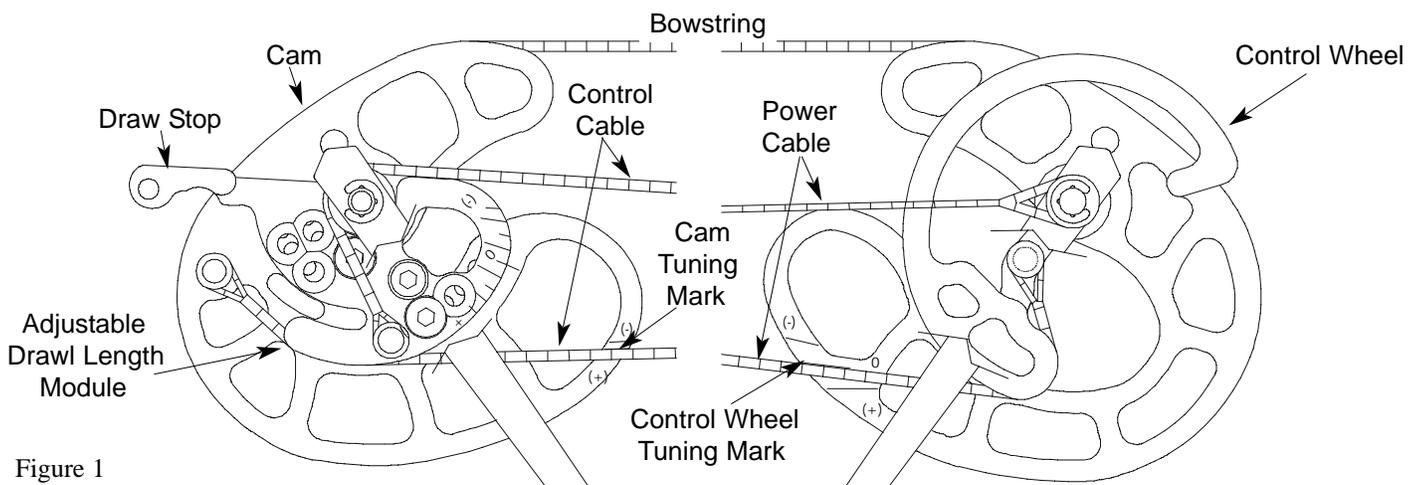


Figure 1

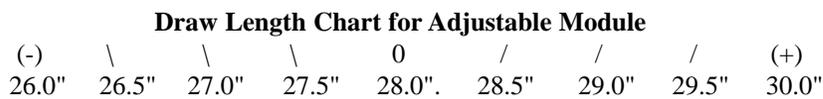


Figure 2

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 or call Darton Service at 989-728-9511. To order parts, draw length modules or Darton Apparel call Darton Service at 989-728-4231.