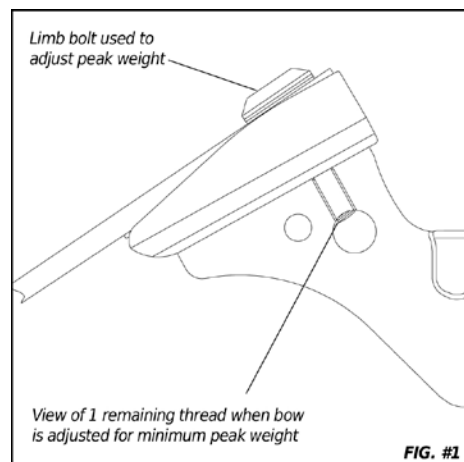


Darton Ranger X Technical Bulletin (022812)



Peak weight with Power Cable anchored on post 'A' = 20 - 35# Axle to Axle = 31 3/4"

Draw lengths w/75% effective let-off,
 #2 module = 20 1/2"
 #3 module = 21 1/2"
 #4 module = 22 1/2"
 #5 module = 23 1/2"
 #6 module = 24 1/2"
 #7 module = 25 1/2"
 #8 module = 26 1/2"

1A Module installed, use post 'A' to anchor the power cable; Peak weight **15# – 30#**
 Draw length **17" – 25"** w/40% let-off

Peak weight with Power Cable anchored on post 'B' = 35 - 50# Axle to Axle = 31 7/16"

Draw lengths w/75% let-off
 #2 module = 22"
 #3 module = 23"
 #4 module = 24"
 #5 module = 25"
 #6 module = 26"
 #7 module = 27"
 #8 module = 28"

1B Module installed, use post 'B' to anchor the power cable; Peak weight **30# – 45#**
 Draw length **19" – 27"** w/40% let-off

Note: A bow press is required to change the Power Cable anchor.

A bow press is not required to change modules.

Whenever the limb bolts are backed out (CCW) to reduce peak weight be sure to inspect the number of threads remaining on the bolts when viewed through the hole in the riser (**fig #1**). There should be a minimum of one (1) exposed thread to be safe. With the limbs adjusted tight to the riser you can turn the limb bolt out (CCW) a maximum of 9 turns to get the minimum possible draw weight. To adjust the limb bolts out more than 9 turns is not safe.

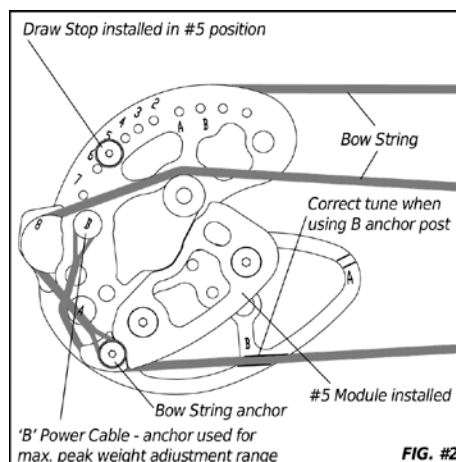
The bow is shipped with the #5 module installed and power cable anchored on the B post (**fig #2**). With the power cable anchored on the B post you get the longest draw length for each module and highest possible peak weight.

When the bow is set up with the power cable on the **A post** the power cable should line up with the A tune marks (**fig #2**) to get the listed draw lengths.

When the bow is set up with the power cable on the **B post** the power cable should line up with the B tune marks (**fig #3**) to get the listed draw lengths.

There is no need to make any adjustments to the bowstring or cable when changes are made at the power cable anchor post or when changing modules.

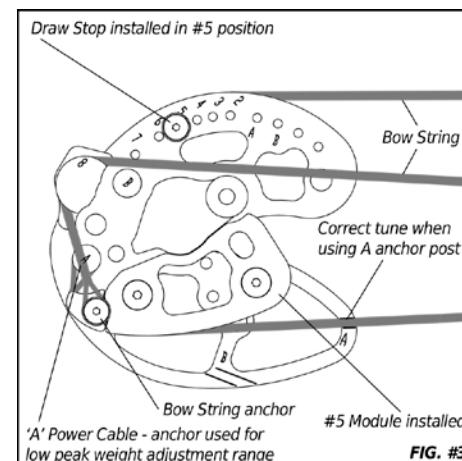
The draw length is changed by changing modules and locating the draw stop in its corresponding hole as noted on the cam. The number that identifies the draw length is visible on the module (**fig. #2 & #3**).



When the draw length module and draw stop match by number you are getting the listed draw length.

Do not draw the bow back without the draw module installed. Damage to the bow, bowstring or ones self could result.

Any changes to the bowstring or power cable to increase the peak weight of the bow beyond it's advertised limits voids the warranty and make the bow unsafe.



The **Universal Draw Modules 1A & 1B** are also included with the bow. Darton's Innovative Universal Module technology eliminates the need for specific draw length adjustments by offering a smooth useable draw length valley of 17" - 27".

An adjustable positive draw stop (fig #2) is featured to insure the safe use of short arrows. The draw stop also provides a definite stop for those archers that may want to adjust the bow to their individual draw length.

Bowstring Length 82 13/16", Power Cable Length 35 1/8"-measured with no twist.

A complete set of modules are shipped with each bow.

For additional warranty or tuning information visit our web site at www.dartonarchery.com or call Darton Service at 989-728-9511. To order parts, draw length modules or Darton Apparel call Darton Service at 989-728-9511.