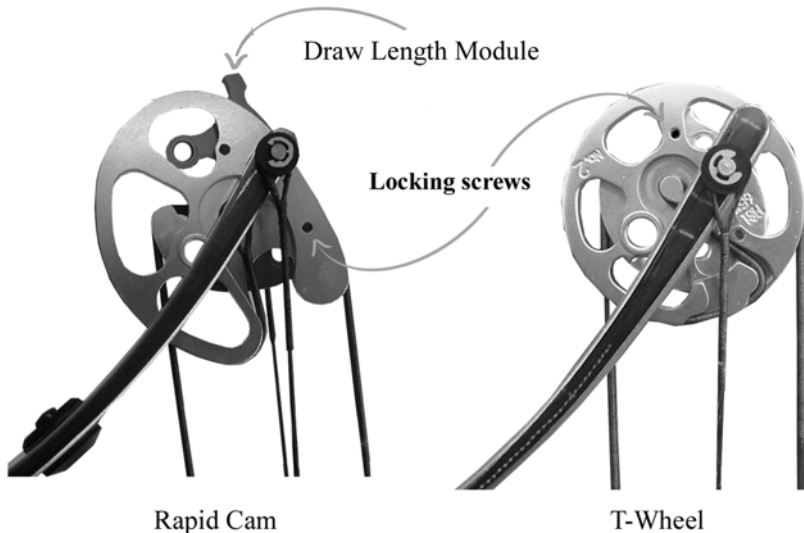


Twin Cam Operating Instructions

Thank you for purchasing a Merlin Bow. This information will guide you in the adjustment and tuning of your Twin Cams. Please read all the information carefully before attempting to shoot the bow. If you are any doubt, please contact an authorised Merlin dealer for additional advice, or feel free to contact us directly.



Twin Cam Overview

Although we offer several styles of twin cams the principles of operation are the same. These are advanced cams designed for use by experienced archers.

Do not attempt to use or adjust your bow without proper instruction. If you have any doubts on any aspect of shooting, bow set up, maintenance or operation please consult an authorized Merlin dealer for additional guidance.

Draw Length Adjustment

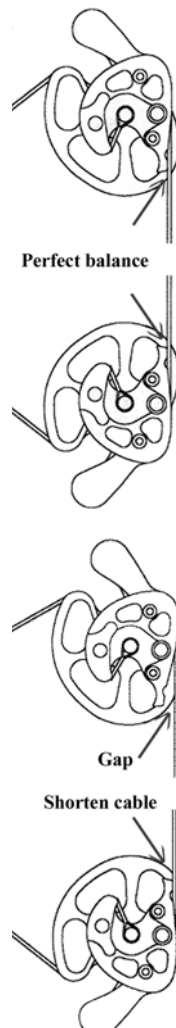
The draw length can be adjusted without a bow press by changing the draw length modules. First, completely remove the module locking screws. The draw length module will then slide out. Replace with new draw length module and re-tighten screws. **IMPORTANT.** Do not attempt to draw the bow with out the modules in place.

The T-Wheel can also be adjusted by changing the string position in the draw length slots. This can only be done on a bow press and by an authorized Merlin Dealer.

Regularly check module locking screws for tightness.

Balancing Your Twin Cams

It is important to have your cams equally balanced at full draw. If new cables have been added, then it will be best to check the balance again after a few days, as the new strings and cables may stretch a little. We have made it as easy as possible to check the timing with our unique wheel timing indicator. Firstly, there is only one way to check the balance, and that is with you drawing the bow as if ready to shoot. Any other method will give you a false reading, such as pulling the bow down vertically on a hook. The changing pressures when you draw the bow will give a different reading.



You know both cams are in perfect balance if both modules strike the cables at the same moment upon reaching full draw. If one strikes before the other, then inconsistent vertical grouping may occur. Should this happen, then twist one of the cables in 1/2 turn increments until perfect balance is achieved. A bow press must be used to relieve the tension on the cables, and done only by an authorized dealer.

Module Charts

RAPID 2	RP1	RP2	RP3	RP4	RP5
<i>Target</i>	+ 1"	+ 1/2"	Middle Draw	- 1/2"	- 1"

RAPID 2	TB1	TB2	TB3	TB4	TB5
<i>Turbo</i>	+ 1"	+ 1/2"	Middle Draw	- 1/2"	- 1"

T-WHEEL	HS1 65%	HS1 55%	HS2 65%	HS2 55%
<i>Draw Length</i>	SS1 65%	SS1 55%	SS2 65%	SS2 55%
	Longest (+ 1")		Shortest (- 1")	