



COMPOUND BOW MANUAL &
WARRANTY REGISTRATION



MARTIN
ARCHERY

*MUST REGISTER BOW WITHIN 90 DAYS FOR FULL WARRANTY

OWNER'S RECORD - CRITICAL INFORMATION

Bow Model: _____

Date Purchased: _____

Cam Style: _____

Draw Weight: _____

Draw Length: _____

String Length: _____

Cable Length: _____

Purchased From: _____

TO ACTIVATE WARRANTY YOU **MUST REGISTER ONLINE WITHIN 90 DAYS** OF PURCHASE!

WWW.MARTINARCHERY.COM/WARRANTY

ONLINE WARRANTY REGISTRATION NUMBER

NOTICE:

**WARRANTY VOID WITHOUT
ONLINE REGISTRATION WITHIN 90 DAYS
AND VALID SALES RECEIPT**

We would like to welcome you to the Martin Archery family. If it is your first Martin or your 10th we are confident you will enjoy over 60 years of refining excellence in archery. We take great pride in the products that we produce and strive to offer you the best equipment on the market.

THANK YOU,



RICH WEATHERFORD
CEO MARTIN ARCHERY

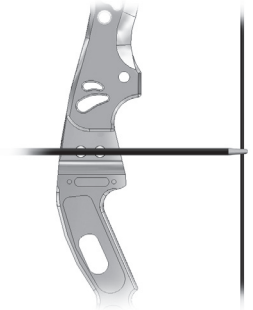


BASIC SETUP

Your new Martin bow takes little setup to get started shooting. Please read and familiarize yourself with these starting procedures before shooting. Many of these procedures may have been completed by your authorized Martin dealer. After completing these simple steps, you will be more accurate and will have greater success from the start. A careful and thorough initial setup will make the tuning process much easier.

Quick Arrow Rest and Nock Placement

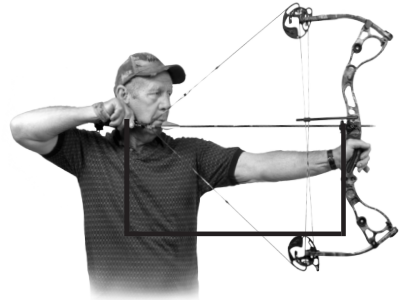
You can quickly and easily set the position of your rest and nock point using the rest mount holes in your bow. Your rest should sit level with the two rest mount holes, or lock mount of your bow. (See graphic) When the rest placement is correct, you can begin placing the nock set. Place a nock loosely on the string and nock an arrow. Visually align the arrow level with or slightly tail high of the rest mount holes. When the correct height is set, crimp the nock set into place. This will give you a good starting point to begin tuning your bow.



Measuring Draw Length

When your bow is at full draw, the apex of the string should be near the corner of your mouth.

Draw length can easily be measured from the apex of the string at full draw to the pivot point of the grip. From that measurement add 1 3/4" and you will have the A.M.O. standard draw length. All Martin Bows are adjustable with the use of modules. Refer to the section that covers your specific cam style for instructions on adjusting draw length.



Arrow Speed and String Accessories

Certain bowstring accessories including D-loops, string silencers, and peep sights, can reduce arrow speed by as much 10-15 fps.

Changing Draw Weight

Martin bows have a fifteen pound draw weight range. Using a 3/16" allen wrench ; you will turn the limb bolts clockwise to add weight and turn counter clockwise to reduce weight. One complete turn on each limb bolt provides about 3 pounds of adjustment.

TIP: Mark a line on each limb bolt in white-out or white paint marker to make it easier to keep track of how far you are turning each bolt.

Note: Do not shoot your bow with the limb bolts more than 5 turns out from the riser.

Replacing The Strings

Should your string need replacing, it is best to go to your Martin dealer and have it done by experts. Always be sure that the string you replace it with is of the correct length and material for your bow. We recommend using Martin Hammerhead bow strings. String wear is not covered by warranty.

BASIC SETUP

Care And Storage

When properly cared for, your new Martin bow will give you years of trouble-free service. When your bow is new it will require no lubrication. Over time you may need to lubricate your cams to guard against friction and noise. Use a dry lubrication such as Teflon spray powder or graphite powder. You can also use wet lube such as Moly Lube or Tri-Flow. Do not use WD-40 lubrication.

A good rule of thumb when caring for your bow is to keep it as comfortable as you are. If it is too hot for you, it is too hot for your bow. If it gets wet, dry it off completely. Periodically clean your bow with a wet rag and mild soap to remove mud or dust (caution: do not store until completely dry). Prolonged exposure to extreme heat may cause failure in your bow limbs and excessive stretch in your string system. It will not hurt your bow if it is rained on while shooting, but make sure it is completely dry before storing it in a bow case to guard against rust or corrosion.

Installing and Adjusting the Draw Stop.

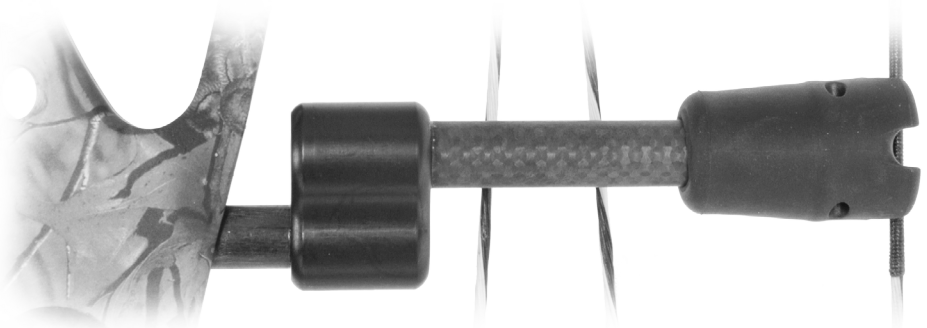
There are a total of four parts to the Draw Stop assembly. A rubber cap, the aluminum body of the Draw Stop, an 8/32 screw and an 8/32 hex nut. To install the stop, place the hex nut in the track on the back side of the cam. To adjust the stop, draw the bow back either by hand or in a scale/shooting machine. At full draw, slide the stop until it contacts the under side of the limb. Back the stop off of the limb 1/32" (approx.) to allow for the rubber cap to be installed. Snug down the Draw Stop with the appropriate Hex head wrench, and install the rubber cap over the Draw Stop.

DRAW STOP
IN PLACE



Installing and Adjusting the STS

Most Martin bows are outfitted with an STS String Dampening unit, or are equipped to accept one. This unit is installed in the 3/8" diameter hole located just below the grip and is secured in place with the set screw intersecting this hole from the side of the riser. The STS rod should be positioned so that the STS Bumper is nearly against the bowstring when the bow is at rest. Excessive contact with the bowstring will prevent the STS Bumper from performing effectively as a dampener, and may cause the Bumper to be pulled off by the bowstring during the shot. A small gap (approximately 1/16") should be allowed between the bowstring and Bumper when the bow is at rest.



SILK CAM SYSTEM

The Martin Silk Cam system feature a modular draw length adjustment. The draw length module is used to adjust draw length in 1/2" increments (see below). Adjusting the draw weight can also be adjusted by moving the limb bolts out or changing the string position.

Adjusting The Single Cam Draw Length

Using draw length modules, the draw length can be adjusted in 1" increments. To change the draw length, replace the module on the cam by removing the screws that hold it to the cam. **NOTE: do not draw your bow without the module installed. It will damage your harness.**

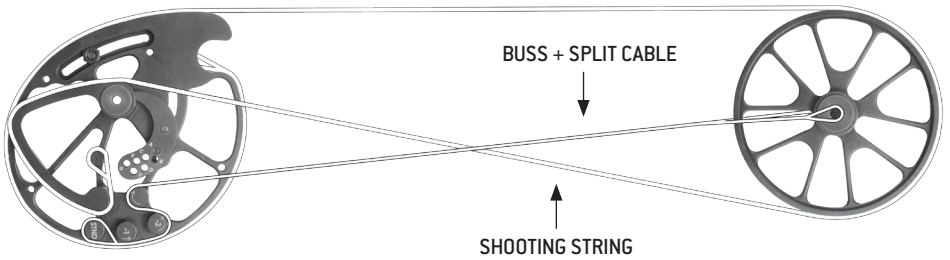
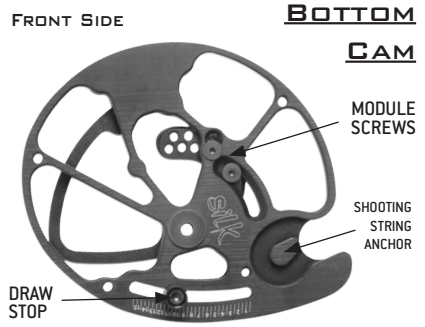
The module sizes range from A to G. As the module letters get higher, the draw gets longer. The draw length can also be adjusted in 1/2" increments using the pegs on the back of the cam.

This method of draw adjustment applies to the Martin Acu-Trak, Fuzion, Dyna, M-Pro, and M2 Single Cam System.

Single Cam String Diagram

The string harness on your Single-Cam is installed according to the diagram below. Your string harness should be installed by your qualified Martin dealer.

Parts Of The Silk Single Cams System



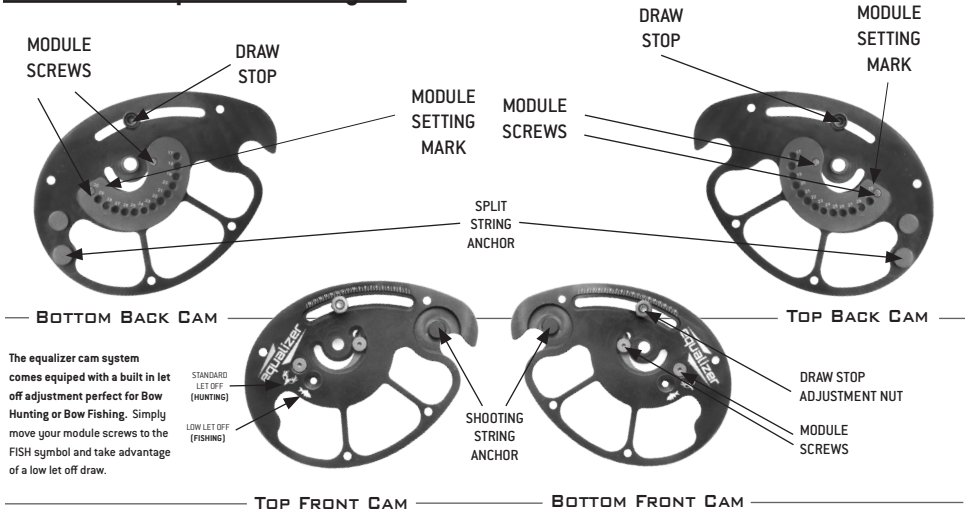
Adjusting The Silk Cam Draw Weight

To adjust your draw weight, simply use an allen wrench and turn the limb bolts out (counterclockwise) a MAX of 5 turns. This will decrease draw weight by 15 LBS total. **(WARNING: DO NOT UNSCREW LIMB BOLTS MORE THAN 5 TURNS OR SEVERE INJURY MAY OCCUR)** the Draw weight can also be adjusted by moving the string position for the Buss + Split Cable. The anchor labeled "STND" is your standard designated weight and position. By moving the cable position to the anchor labeled -1 you decrease the weight by aprox 13 LBS and by moving your buss position to the anchor labeled -2 you decrease the weight by another 13 LBS. Draw length will decrease by 1" for peg -1 and 2" for peg -2. Draw length may need to be re-adjusted by changing the module position for your desired length.

EQUALIZER CAM SYSTEM

The Martin Equalizer Cam system features two rotating modules for draw length adjustments in inch increments as well as let off adjustment. This cam system also features an adjustable draw stop for a customized valley and solid stop.

Parts Of The Equalizer Cam System



Adjusting The Equalizer Cam Draw Length

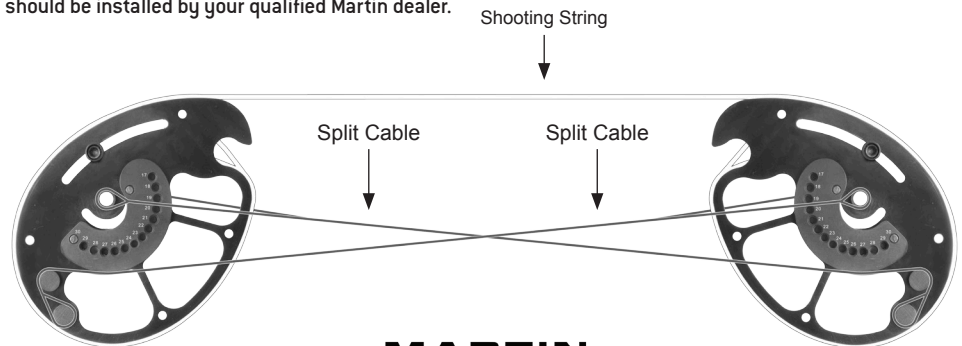
Make a note of the number on the Module by the setting mark. To rotate the draw length module, you will first need to remove the two (2) allen head module screws. Lift and rotate the module to the desired position and replace and tighten the screws in the appropriate positions on BOTH cams. Draw length is adjusted in one inch increments and is labeled on the module. **DO NOT** draw the bow without the draw length module in place and secured.

Adjusting The Equalizer Cam Draw Weight

The draw weight on any Martin bow using the Equalizer cam system can easily be adjusted by moving the limb bolts out (counterclockwise) a MAX of 5 turns. This will decrease draw weight by 15 LBS total. **(WARNING: DO NOT UNSCREW LIMB BOLTS MORE THEN 5 TURNS OR SEVERE INJURY MAY OCCUR)**

Equalizer Cam String Diagram

The string harness on your Equalizer Cam is installed according to the diagram below. Your string harness should be installed by your qualified Martin dealer.

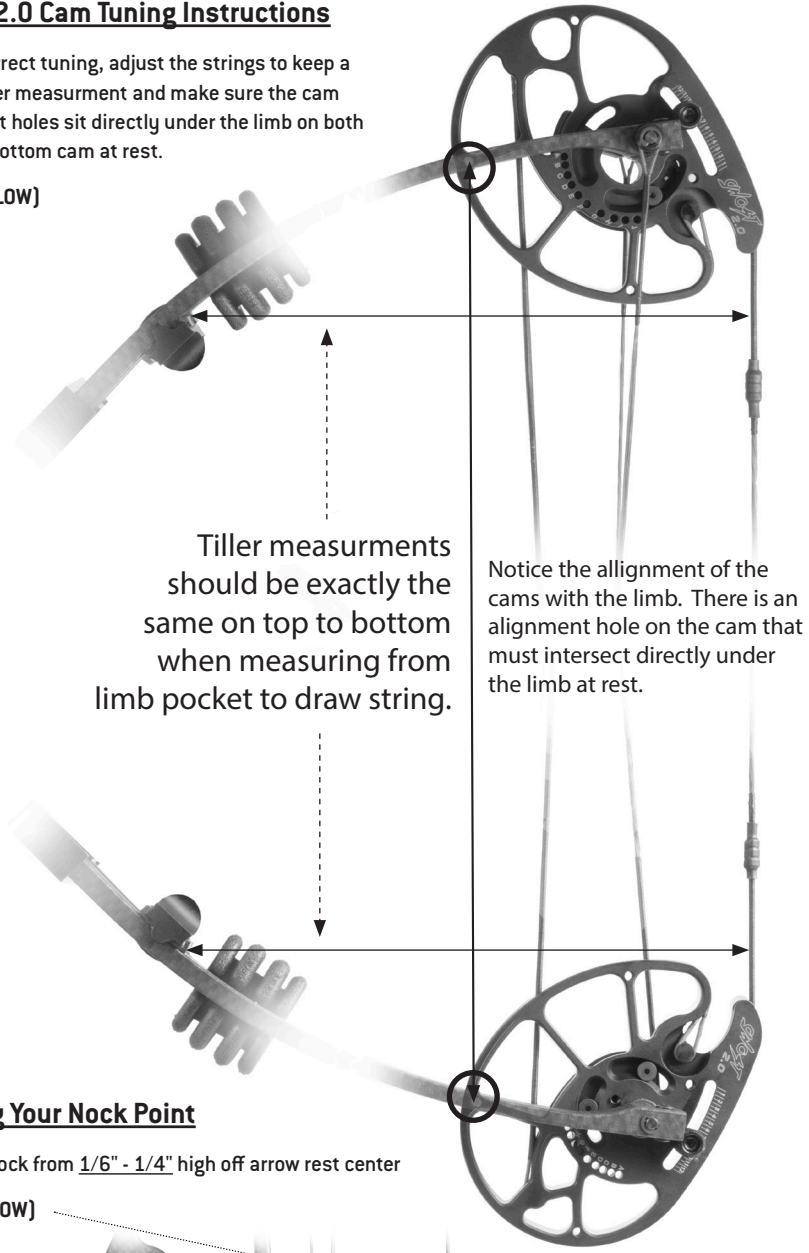


GHOST CAM TUNING

Ghost 2.0 Cam Tuning Instructions

For correct tuning, adjust the strings to keep a equal tiller measurement and make sure the cam alignment holes sit directly under the limb on both top and bottom cam at rest.

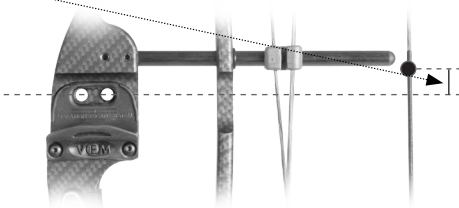
(SEE BELOW)



Setting Your Nock Point

Set the Nock from $\frac{1}{6}$ " - $\frac{1}{4}$ " high off arrow rest center

(SEE BELOW)



TEN COMMANDMENTS OF ARCHERY SAFETY

- Never -** “Dry fire” your bow (shoot it without an arrow.) This will result in damage to your bow and/or possible injury.
- Never -** Let anyone draw or shoot your bow if their draw length is longer than yours. Over drawing of the bow can cause cable damage.
- Never -** Draw, aim, or shoot your bow unless you are sure that the line of fire is clear. Remember, once an arrow is fired it cannot be recalled.
- Never -** Shoot an arrow that is less than five grains per pound. For example, an 80# bow requires a minimum of 400 grains of arrow weight. Less than five grains per pound of arrow weight simulates a dry fire effect and may damage your bow.
- Never -** Expose your bow to extreme heat. Excessive heat, such as your car on a hot day, could lead to limb failure and premature wearing of the string harness.
- Always -** Check all of your arrow shafts and nocks upon removal from the target. If the arrows show defects or broken nocks, do not shoot them.
- Always -** Carefully inspect your bow after each use. Be sure all screws are snug and accessories are tight. Inspect your string and cables for wear or damage.
- Always -** Draw your bow while pointing it at the target. A premature release of the arrow can be very dangerous. If you cannot draw your bow while pointing it at the target without excessive movement, lower the peak weight of your bow until you can draw smoothly and correctly. Over time you will build up strength, and will be able to return to the higher weight.
- Always -** Draw your bow with an arrow on the string while keeping it pointed in a safe direction. Never draw your bow with a release aid without an arrow. A release aid failure could result in the dry fire of your bow.
- Always -** Back your limb bolts off five full turns from the riser before putting it in a bow press. Only let a qualified professional or a Martin authorized dealer put your bow in a bow press.
Inexperienced use of a bow press or a T-stringer can result in damage to your bow. The type of damage caused by a press is not covered under the Martin Archery bow warranty.

Warranty

MARTIN COMPOUND BOW WARRANTY

What is the warranty? Martin Archery warrants that your Martin compound bow will perform its intended function if used in accordance with the instructions provided.

Who does the warranty cover? The warranty covers the original purchaser of the bow and is not transferable.

What does the warranty cover? This warranty covers the replacement parts, labor, and ground transportation costs for return of the bow to the customer.

The warranty covers defects in materials or workmanship on all risers, limbs, limb pockets, axles, bearings, and cams (everything except the string, cables and finish) for specified periods of time as set forth below.

What are the specified time periods?

Year 0-5 after date of purchase.

Martin Archery will fully repair the bow to working condition based on the availability of parts. If needed parts are not available, Martin Archery will upgrade or exchange for product similar in value. Any misuse of the compound bow effectively eliminates all warranty claims. Aftermarket accessories and modifications to the bow are not covered by this warranty.

Year 6-10 after date of purchase.

Martin Archery will make every effort to repair the bow to full working condition. All parts needed for the repairs will be billed 50% of dealer price. If needed parts are not available, Martin Archery will upgrade or exchange the bow for a newer similar model at a cost of 50% of the retail of that product.

Are there any exclusions to what the warranty covers? Strings and cables are not included and should be changed either every season, or anytime they show wear, whichever comes first. Transportation for the return of the bow to Martin Archery is not covered. No C.O.D. shipments will be accepted by Martin Archery.

This warranty does not apply to the Adventure Series which have a 1 year warranty.

Can warranty repairs be performed by authorized dealers? Yes, warranty repairs can be performed by an Authorized Martin Dealer, for which Martin Archery will cover replacement parts and ground transportation costs to the Authorized Dealer. Labor costs for warranty repairs performed by Authorized Dealers are not covered, however.

What limitations are there on the warranty? If the bow shows signs of misuse, alteration, or mishandling this warranty will be void. Use of arrows weighing less than five (5) grains per pound of draw weight is considered misuse and will void this warranty. This warranty applies to original components only and does not extend to cover aftermarket strings, cables or other accessories not manufactured by Martin Archery. The use of any aftermarket products / accessories that alter the manufacturer's specifications or design will void the warranty.

What is needed to obtain service under the warranty?

The warranty is conditioned upon proof of purchase and other requirements listed below:

1. The bow must be registered on Martin Archery's website at martinarchery.com/warranty with the unique Bow Registration Number that will be found in the original purchaser's user manual for the bow.
2. All returns to Martin Archery must be pre-authorized. The Owner must contact Martin Archery at 509-529-2554 prior to shipping in order to obtain a Return Authorization number.
3. All accessory items must be removed from the bow prior to shipping. Martin Archery will not be responsible for damage or loss of any accessory item left on the bow.
4. After acquiring a Return Authorization number, send bow with sales receipt to:

MARTIN ARCHERY

Attn: Warranty Service
3134 Heritage Rd.
Walla Walla, WA 99362

What else do I need to know about the warranty? Martin Archery makes no other warranty either express or implied, whether of fitness or of marketability, except as stated above. Any such additional warranty is expressly disclaimed. No agent, employee, or representative of Martin Archery or its authorized dealers has the authority to bind Martin Archery to any agreement to the contrary.

Martin Archery shall not be liable for injury or property other than the bow itself. Martin Archery reserves the right to replace defective parts according to availability with compatible replacement parts.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

This warranty is subject to change and/or cancellation at the discretion of Martin Archery. Some states do not allow limitations on how long an implied warranty lasts, so some or all of the limitations set forth above may not apply to you.