



ELITE

FLEX

OWNER'S MANUAL

DISCLAIMER OF LIABILITY:

Elite Outdoors LLC ("Elite Archery") is not liable for any personal injury, death, or property damage that may result from your use of this bow. By using this product, the user assumes all risks of property damage, death, or injury to yourself and others that may arise from its use. By using this product, the Buyer also agrees to hold Elite Archery harmless and indemnify Elite Archery for any personal injury, death, or property damage that may result, for any reason, from the use of this product. Use of this product binds the user to the terms and provisions of this disclaimer of liability.

Please read the following safety information before using your bow. **FAILURE TO FOLLOW THESE WARNINGS MAY CAUSE SERIOUS INJURY OR DEATH TO YOURSELF OR TO OTHERS AND MAY CAUSE DAMAGE TO YOUR BOW.**

WARNING: ELITE BOWS MUST BE PRESSED ONLY IN APPROVED BOW PRESSES. PLEASE VISIT ELITEARCHERY.COM FOR A LIST OF PRESSES.

Elite bows should be serviced by qualified Elite Archery Retailers.

1. INSPECT YOUR BOW BEFORE SHOOTING

Always check the condition of the string, limbs and riser before you shoot. Bowstrings that show signs of wear should be replaced. Report damaged limbs and risers to your local dealer for inspection or replacement. **DO NOT SHOOT YOUR BOW IF ANY PART IS DAMAGED OR NEEDS TO BE REPLACED, THIS MAY RESULT IN SERIOUS INJURY OR DAMAGE TO YOUR BOW.**

2. DO NOT EXPOSE YOUR BOW TO EXTREME HEAT OR PROLONGED MOISTURE

Do not leave your bow in your vehicle on a hot or sunny day. Prolonged storage in a hot, dry attic or damp basement can also be damaging. Store the bow properly in a cool dry place when not in use. Damage caused by extreme exposure will not be covered under warranty.

3. NEVER "DRY FIRE" YOUR BOW

Firing a bow without an arrow can cause severe damage to your bow and possible injury to the shooter or others nearby. Let the bow down slowly and carefully from any drawn position when you do not intend to shoot an arrow. Damage caused by a dry fire will not be covered under warranty.

4. ALWAYS INSPECT THE ARROWS BEFORE SHOOTING

Gently bend your arrows to look and listen for cracks or bends in the shaft. Always replace damaged or loose fletchings and nocks to prevent damage to the bow or injury.

5. MINIMUM ARROW WEIGHT

Do not shoot an arrow weighing less than five grains for every pound of peak draw weight. For example: If your bow's peak weight is 40 pounds, do not shoot an arrow weighing less than 200 grains. Shooting an arrow below five grains per pound can cause damage to your bow and possible injury to the shooter or others nearby. Damage caused by shooting an arrow that is too light will not be covered under warranty.

6. BE AWARE OF WHAT IS BEYOND YOUR TARGET

The area you are shooting towards should be free from houses, buildings, people, animals, and roads. If using a backstop, make sure that it is large enough to catch a stray arrow and that it is thick enough to stop any arrow safely.

7. ALWAYS THINK SAFETY FIRST

Never shoot straight up. Wear safety glasses when working on and shooting your bow. Be careful around the bowstring when using broadheads. Cutting the bowstring can cause serious damage to your bow and possible injury to you or others. Do not draw the bow beyond its maximum draw length. Never point or aim a drawn bow at another person. An adult must always supervise children.

8. NEVER MODIFY YOUR BOW. Never modify any part of the bow or its components. This voids any and all warranties for your bow and may cause safety risks.

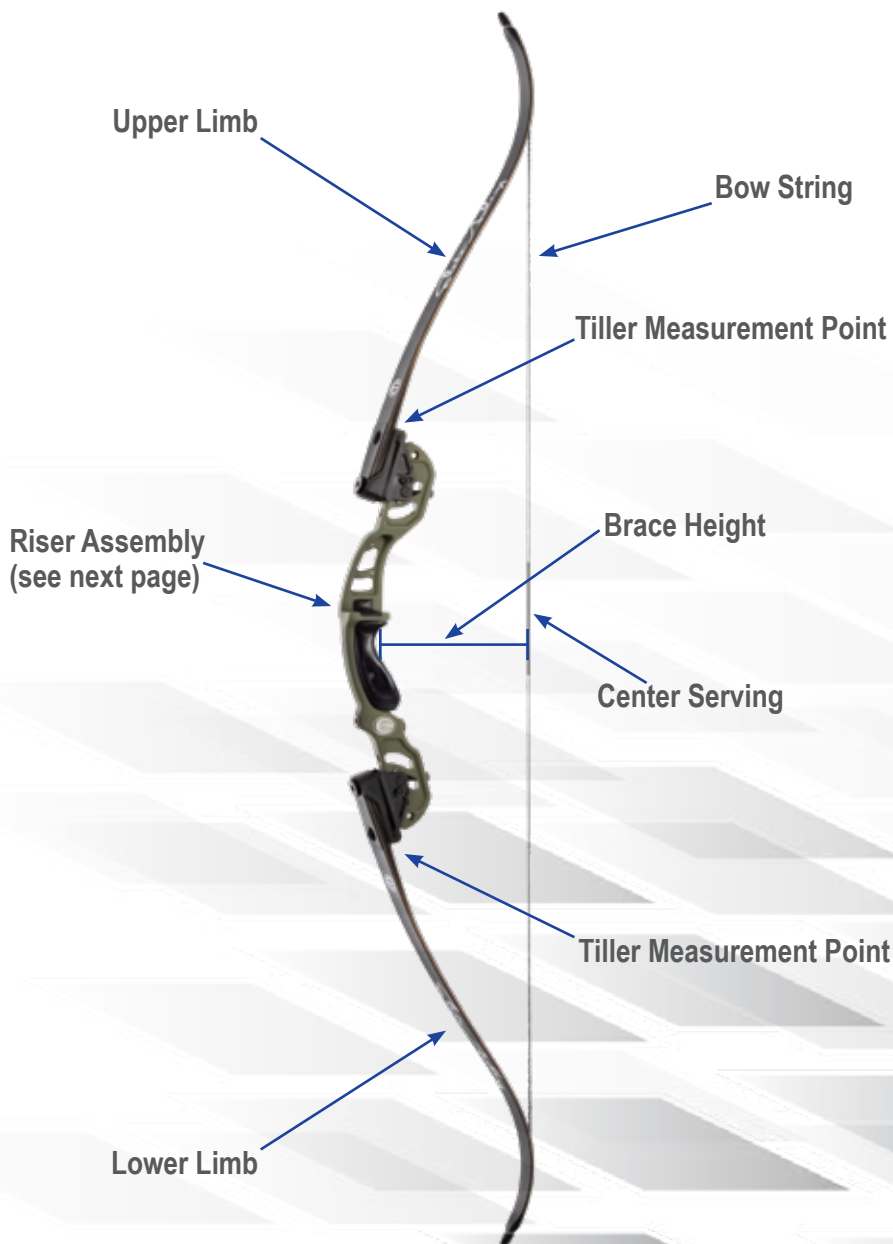
9. READ AND HEED ALL WARNINGS. Always read warning labels of any other product being used in conjunction with this bow and adhere to those safety guidelines.

**VISIT AN ELITE ARCHERY RETAILER FOR THE
FASTEST WARRANTY, PARTS & SERVICE**

Scan the QR code to Find your Nearest Elite Archery Retailer



ASSEMBLY & TERMINOLOGY



RISER ASSEMBLY

ARC (ADJUSTABLE RISER CONFIGURATION) RISER ADJUSTMENT



Patent Pending Adjustable Riser Configuration technology gives archers the most versatility on the market in having two bows in one. Pocket positioning allows for more travel, aiding in tuning and adjusting, no matter the archers preferred release method. Plus, approximately 28% draw weight adjustment split between an increase and decrease from nominal with each limb option.



DISASSEMBLY AND REASSEMBLY

The Elite Flex Recurve Riser can be assembled in 2 configurations, a 17" riser and a 19" riser. Out of the box, the riser will be assembled in the 19" configuration (shown below). Here are the steps to switch between the 19" and 17" configuration.



STEP 1:

Remove pocket lockdown screws, limb bolts and limb bolt slugs.



STEP 2:

Relocate the pocket from the 19" (white arrow) location to the 17" (blue arrow) location as shown by the arrows in the picture above. The pockets are shown in the 17" riser location in the picture below.



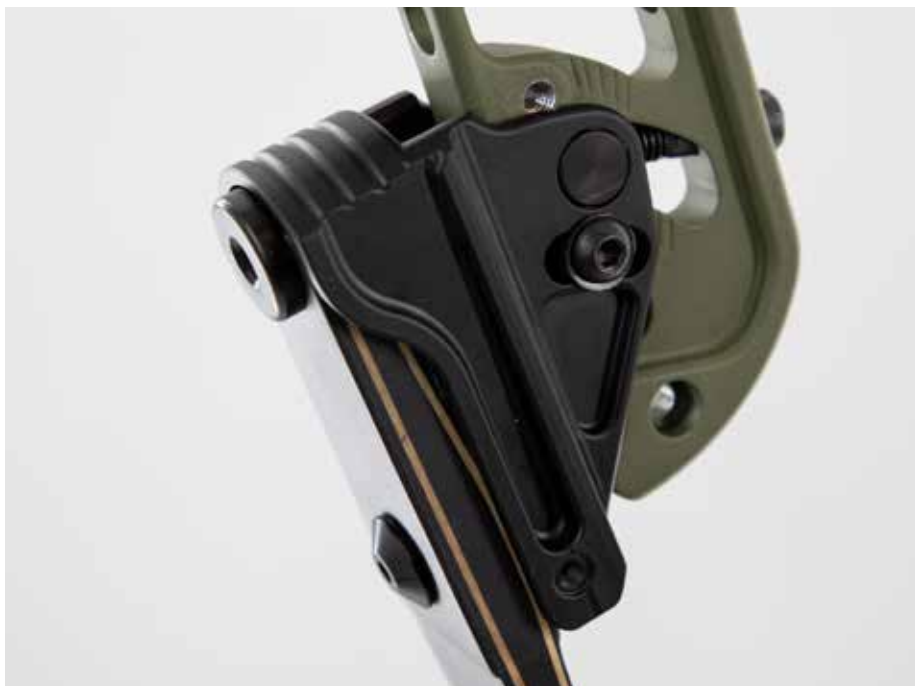
STEP 3:

Slide the limb bolt slug into the slots in the pockets and riser and thread the limb bolt into the slug until the lockdown screw holes are centered in the slot as shown below.



PLEASE NOTE:

When the pockets are located so that the lockdown screw holes are centered in the slot, this pocket location will provide the approximate nominal weight of the preferred limbs (i.e., If the limbs are marked as 50lb limbs on a 19" riser, then this will be the location to provide 50 lbs.). It may be necessary to put turns into or take turns out of the limb bolts to fine tune the draw weight. See the section on adjusting tiller and draw weight.



INSTALLING THE LIMBS

- 1. Identify which limbs are top and bottom. This is labelled on the underside of the limb.
- 2. Align the notch of the limb with the limb stud and the dovetail/ detent button of the limb with the dovetail receiver.



- 3. Slide the limb into place until it is completely seated on the limb stud and in the dovetail receiver.

BOW LENGTHS WITH RISER AND LIMB COMBINATIONS:

Elite limbs are made to meet the weight that is marked on the bottom of the limbs in the 19" riser configuration. When used in the 17" riser configuration, it can be expected that there will be a 2-4 lb. increase in draw weight at 28" of draw.

	17" RISER	19" RISER
SHORT LIMBS	58"	60"
MEDIUM LIMBS	60"	62"
LONG LIMBS	62"	64"



CARBON
BAMBOO CORE



STRINGING THE BOW

Be sure to have the proper string length for the desired configuration.
For the Flex Recurve, the string lengths will be as follows:

BOW LENGTH	STRING LENGTH
64" AMO	61" STRING
62" AMO	59" STRING
60" AMO	57" STRING
58" AMO	55" STRING

PLEASE NOTE: Always use a proper recurve stringer to safely string the bow and to avoid damage to the bow or possible injury.

1. Select the proper string length for the preferred limb and riser configuration.
Inspect the string for knots or damage.
2. Identify the large and small loops of the string and place the large loop over the top limb. Place the smaller end loop in the string groove of the bottom limb. Slide the large loop toward the tip of the top limb so it is approximately six inches from the tip.



3. Ensuring that the small loop is securely in the bottom limb string groove, place the fabric or cup section of the stringer over the bottom limb tip. Place the rubber foot of the stringer over the end of the top limb and place it eight inches from the limb tip so the large loop is between the rubber foot and limb tip.



4. While standing and holding the bow horizontally with one hand, step on the cord of the stringer with one or both feet and pull up on the bow. The limbs will flex, and the top end loop can be secured in the top string groove.



5. Make sure the string is securely in the top and bottom string grooves, then remove the bow stringer.
6. Once the stringer has been removed, pull the string back two inches and let go to seat the limbs. Once the bow is strung, the pocket lockdown screws can be installed using a 5/32" Allen.

UNSTRINGING THE BOW

1. Place the fabric or cup section of the stringer over the bottom limb tip so that the cord of the stringer is routed on the string side of the limb.
2. Place the rubber foot and loop of the stringer over the tip of the top limb so the rubber foot rests on the top limb six inches from the tip.
3. While in a standing position, with the bow in a horizontal position, step on the stringer cord with one or both feet and pull up on the bow. The limbs will flex, and the string will loosen.
4. Slide the top loop of the bow string out of the top string groove, down the limb and carefully release the tension on the stringer.
5. The bow string can now be removed from the bow.

LIMB ALIGNMENT

Once the bow is strung, the limbs should be checked and aligned so that the string is visually running down the center of the limbs and riser, while staying in the string grooves on the limbs as shown to the left.

This can be done by setting the bow down and looking at the bow from the back. The limb alignment can be adjusted with a $\frac{3}{32}$ " Allen by using the 4 screws located on both sides of the limb pockets.

For example, If the limb is misaligned to the left, loosen the set screw on the right, then tighten the left screw until the limb is in proper alignment. Perform the opposite sequence if the limb is misaligned to the right. Be sure that both screws are snug when finished with aligning (do not over tighten).



ADJUSTING TILLER AND DRAW WEIGHT

The draw weight of the limb is noted on the underside of the limb. The marked weight is measured at 28" of draw length. Adjusting the tiller and draw weight are easily done by adjusting the limb bolts using a 1/4" Allen key. Rotating the limb bolt clockwise will decrease tiller and increase draw weight, while counterclockwise will increase tiller and decrease draw weight. The total adjustment is approximately 9.5 turns of adjustment.



ROTATE CLOCKWISE

⋈ TILLER ⋈ DRAW WEIGHT



ROTATE COUNTERCLOCKWISE

⋈ TILLER ⋈ DRAW WEIGHT



TOP LIMB



BOTTOM LIMB

BRACE HEIGHT

The measurement from the deepest point of the grip to the string when the bow is braced (strung). Brace height can measure between 7 1/2" to 8 1/2". Add or subtract twists from the bowstring to alter the brace height in conjunction with the tiller bolts. Do not to adjust the string too much at one time, as you may skip over the optimal brace height. Twisting will add brace height while untwisting will decrease brace height. Adjust for the best shooting experience that matches your shooting style.



REST OPTIONS

The bow can be set up to be shot off the shelf, with a flipper style rest or with a rest/plunger setup. The shelf is adjustable and removable if the archer chooses a flipper or plunger style. If the archer chooses to shoot off the shelf, then the shelf piece is easily installed in the groove on the riser and locked down with a 1/8" Allen. The shelf can be adjusted using the screw shown below (Circled).



Adjust shelf using circled screw



Shelf lockdown screw

INSTALLING THE INCLUDED HAIR REST

The hair rest that is included in the package has a self-adhesive backing that allows the archer to cut and install the rest as they choose. A recommended way to install the hair rest is to measure and cut the striker plate area of the adjustable/removable shelf first. Then do the same for the shelf area.



If access to the lockdown screw is still needed for fine tuning, then cut a triangle out of the shelf hair rest piece to expose the lockdown screw. The triangle piece can be saved to cover the screw after the adjustments have been made.



Remove the backing from the pieces and stick them in their respective locations. Press firmly to make sure they adhere properly.





THE ELITE PROMISE

ELITE ARCHERY COMBINES A UNIQUE HUNT GUARANTEE WITH A LIMITED LIFETIME WARRANTY FOR AN ELITE PROMISE THAT GIVES HUNTERS AND ARCHERS PEACE OF MIND KNOWING ELITE ARCHERY STANDS BEHIND ITS PRODUCTS, RETAILERS AND CUSTOMERS.

LIMITED LIFETIME WARRANTY

Elite Archery stands behind the workmanship and overall quality of its bows through a Limited Lifetime Warranty to the ORIGINAL OWNER. This Limited Lifetime Warranty is non-transferable and is valid only on the purchase of a new bow from an authorized retailer. Bows purchased online, from mail order or from an unauthorized Elite retailer will NOT be covered under this Limited Lifetime Warranty. You must register your Elite bow within 30 days of purchase on the Warranty Registration page of www.elitearchery.com. This warranty covers the riser, pockets, limbs, and eccentrics against defects in material and workmanship. The Elite Archery Limited Lifetime Warranty does not cover strings, cables, decoration, and overall finish of the bow. Elite Archery recommends the use of only genuine Elite replacement or aftermarket strings, manufactured by Winner's Choice Bowstrings. The use of bowstrings or cables by any other manufacturer that does not meet the Elite specifications may void the Limited Lifetime Warranty. Alterations or modifications to any portion of the bow by the consumer may also void this Limited Lifetime Warranty. The Limited Lifetime Warranty does not cover misuse or abuse of the bow such as dry-firing, dropping, intentional, or unintentional damage, etc. Elite Archery reserves the right to deny warranty coverage in the event that misuse is observed. Elite Archery retains the right to replace components with equivalent components that may be of different design or decoration. Elite Archery may also request to visually inspect failed components prior to issuing parts and/or service. There are no other warranties expressed or implied binding Elite Archery, Certified Elite retailers, and Certified Elite Distributors (International).

ELITE HUNT GUARANTEE

Elite Archery believes that our customers are top priority and we want our customers to be 100% confident in their bows. Elite Archery is comprised of dedicated and passionate bow hunters – for this reason we offer a unique guarantee for our hunting customers. No matter where you are or what happened to your bow, Elite will send a bow to you so you can finish your hunt. You only pay for shipping. This bow is on loan from Elite Archery and not intended to replace your damaged bow. The loaner bow will arrive with your requested draw weight and length, a rest, sight, and peep installed. The bow will be tuned and ready to shoot. It will only need to be sighted in with your arrows.

If something happens to your bow while on your hunt, please call us at **877-503-5483** and speak with our customer service department. The bow must be returned to us in the condition it was shipped with all accessories. The loaner bow will be sent to you right away – you just cover the cost of shipping. Our goal is to make sure you can finish your hunt, no matter where you are, no matter what happened.

GET ALL THE DETAILS

GET A FULL RUN DOWN OF THE COMPLETE ELITE
LINE UP OF BOWS BY VISITING ELITEARCHERY.COM

COMPLETE BOW SPECS

MOD CHARTS

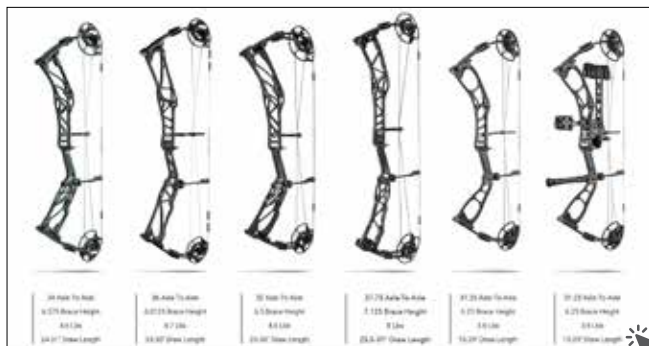
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SCAN THE QR CODE

Find specifications for
all Elite Archery bows



WARRANTY REGISTRATION

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TAKE A PHOTO
TO GET STARTED





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