



# Bear<sup>®</sup> Archery

The Legend Continues

## Traditional Bow Owner's Manual

## Dear Customer,

Bear Archery grew out of the life and work of legendary sportsman Fred Bear. Fred was our friend, mentor, hero and a pioneer: he paved the way for generation after generation of traditional bow hunters. Fred founded Bear Archery in 1933 which quickly flourished due to his dedication and passion for archery and the outdoors. Decades later, Fred's legacy continues. His determination and inspiration are felt by each and every employee at Bear Archery, which is why we continue to craft the highest quality bows. It is our hope at Bear Archery that you too will share in the legacy that Fred envisioned as you enjoy your traditional bow.

## How To String Your Traditional Bow

- Always use a bow stringer to help seat your string properly in the bow's string grooves. Bear Archery does not recommend the "push-pull" or "step-through" methods as these could result in injury to the archer or damage to the bow. To determine the correct string length for your bow, subtract approximately 3" from the overall length of your bow.

## Tuning Your Traditional Bow For Optimal Performance

- Your bow can be adjusted to fit your shooting style and arrow preference by varying the brace height, sometimes called the "fistmele". Brace height is the distance between the string and the deepest cut in the handle/ grip area measured at a right angle to the string. This height normally measures between 7" – 8".
- **Increase** brace height by **shortening** your bowstring, removing the string from one end of the bow and twisting it. To know which direction to twist, hold the center serving between the thumb and forefinger of one hand and twist in either direction with the other hand. The direction that tightens the serving is the proper direction. With Flemish twist strings you will notice the twists tightening or loosening. The string included with your bow will give you the recommended brace height. Although the string has been pre-stretched, it will stretch slightly after being shot a few times. If you notice an increased noise, vibration or wrist slap, adjust the brace height.
- Never shoot with a worn string. If a string breaks, it can cause damage to equipment and/or personal injury. Keep your string waxed to prevent fraying and inspect it frequently for signs of wear.
- Always carry an extra bowstring. This extra string should be "shot-in" and equipped with accessories identical to those of the original string. Never use a Fast Flight® or DynaFLIGHT material on tips that are not fiberglass or phenolic reinforced in the tip area. Use factory recommended string materials with your bow.

## How To Measure Draw Weight

Your bow's draw weight is marked on the handle. All bows are weighed at 28", the distance between the deepest cut in the handle grip area to the center of the bowstring while the bow is drawn under tension – plus 1 ¾". The draw weight is marked at the nearest 5# increment to actual weight, (2#'s under and 3#'s over). Draw weight increases or decreases approximately 2-1/2 pounds for every inch the draw length is extended or shortened. For example, a bow weighing 50# at 28" will draw approximately 52-1/2# at 29" or 47-1/2# at 27".

## Care Of Your Traditional Bow

- Protect the finish of your bow from moisture and scratches by applying a light coat of any good furniture paste wax lightly rubbed on with a soft cloth.
- Do not needlessly subject your bow to extremes in temperature strung or unstrung. For instance, do not indefinitely leave the bow in a vehicle parked in the sun. Extremely high temperatures can cause the limbs to twist. If you are hunting in cold weather, do not leave bow outside overnight. If your bow has been exposed to extreme cold, give it a brisk rubdown before flexing.
- If the bow has been idle for a long period, draw the string in small increments and letting down, gradually increasing to full draw so that the shock to the limbs is minimized.
- Your bow may be left strung for a week or so, but not for longer periods, the string should be removed. Hang the bow vertically with the lower tip off the floor or placed across two pegs in a horizontal position.
- For take-down recurves, you should periodically apply a light coating of oil to steel sockets and limb attachment bolts to prevent rusting.

## Archery Safety

- Never "dry fire" your bow.
- Always use the proper weight arrow. An arrow that is too light will simulate a dry fire.
- Be sure arrows are the correct length and stiffness for your bow.
- Immediately discard any arrow with the slightest crack.
- Know your target and shoot only at it.
- Never draw or shoot your bow when anyone is between you and your target.
- Always be sure the area behind your target is clear.
- Never allow anyone to retrieve arrows until all arrows have been shot.
- Never shoot up into the air or in any direction where you might destroy property or endanger life.

### Traditional Bow Specifications

Model	amo length	type	string length	string material	brace height
CHEYENNE	55"	recurve	55"amo	D97 Flemish twist	7" - 8"
KODIAK MAG	52"	recurve	52" amo	D97 Flemish twist	7" - 8"
SUPER KODIAK	60"	recurve	60" amo	D97 Flemish twist	8" - 9"
F.B. TAKEDOWN "B"	60"	recurve	60" amo	D97 Flemish twist	7" - 8"
F.B. TAKEDOWN "A"	56"	recurve	56" amo	D97 Flemish twist	7.75" - 8.75"
AUSABLE	64"	longbow	61.5"	D97 Flemish twist	7" - 7.5"
MONTANA	64"	longbow	64" amo	D97 Flemish twist	7.5" - 8.5"
ROYAL SAFARI	66"	longbow	63.5"	fast flight	6.25" - 6.75"
PATRIOT	64"	longbow	62.5"	D97 Flemish twist	6.25" - 7.125"
SUPER MAG "48"	48"	recurve	48" amo	D97 Flemish twist	8" - 9"
SUPER GRIZZLY	58"	recurve	58" amo	D97 Flemish twist	7.5" - 8.5"
GRIZZLY	58"	recurve	58" amo	Dacron Flem twist	7.5" - 8.5"
KODIAK CUB	48"	recurve	48" amo	dacron	6" - 7"
PONY	52"	recurve	52" amo	dacron	7" - 8"
BEARCAT	60"	recurve	60" amo	dacron	7" - 8"
LIT'L KODIAK	30"	recurve	30" amo	dacron	4" - 5"

**Please Complete Warranty Registration On Line: <http://www.beararcheryproducts.com/registration/>**

Bear Archery warrants every manufactured traditional bow for a period of one year from the date of purchase to be free of defects in material and workmanship. Warranty excludes strings, side plate, traditional hair rest and/or cosmetic appearances such as scratches, chips, dings, ect., which are typically caused by normal use and wear of the bow. Warranty extends to the original owner of the bow and is not transferable. In addition, the original owner must submit proof of the warranty information requirements to register the bow for warranty eligibility. Should the warranty information requirements not be provided, all repairs will be performed at 100% of the cost of the parts and factory labor. If there is a serial number located on the bow, removal of the bow's serial number will void all warranty.

#### **Warranty Coverage:**

Bear Archery warrants traditional bows will perform their intended function if used in accordance with the instructions provided. This limited warranty covers ONLY replacement parts and labor to the consumer for the repaired bow, or replacement with a reconditioned bow, or an equivalent new product.

#### **Warranty Disclaimers:**

- Strings, side plate, and traditional hair rests are expendable components of a bow and are subject to a variety of conditions beyond the control of Bear Archery. Once the product has left our plant, these parts may undergo a number of influences that can alter, impede, or prohibit altogether the performance of these parts. Bear Archery cannot and does not extend any warranty for these parts. These parts are not covered.
- All accessory items must be removed from the bow prior to shipping. Bear Archery will not be responsible for damage or loss of any accessory item left on the bow.
- In the interest of product improvement and consumer safety, Bear Archery reserves the right to make changes in product design and specifications without notice.
- Damage caused by mishandling, abuse, improper stringing or modification of the product is not covered and will void the warranty.
- Bear Archery makes no other warranty, either expressed or implied, except as stated above. To the extent permitted by applicable law, Bear Archery shall not be responsible for any incidental or consequential damages or expenses of any kind or sort, whether relating to or resulting from personal injury, property damage or otherwise.

This limited warranty gives you specific legal rights. You may also have other rights, which vary from state to state. Unless prohibited by applicable law, this limited warranty extends only to you, the original purchaser, and is not transferable.

In the event that a bow requires warranty service, please contact the Bear Archery Customer Relations Department at (800) 694-9494 for a Return Authorization (RA) Number and return shipping instructions. For full warranty details, please log on to [www.beararcheryproducts.com](http://www.beararcheryproducts.com) for further information.

Bear Archery will not be responsible for unauthorized dealer or retailer labor charges. Transportation and insurance charges for the return of any bow are not covered under the terms of this warranty and are the responsibility of the owner.

Any additional questions or concerns contact: [www.beararcheryproducts.com](http://www.beararcheryproducts.com)