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› Bear Archery Legit Ready to Hunt Compound Bow Package User Manual

## Bear Archery AV13A210F7L

# Bear Archery Legit Ready to Hunt Compound Bow User Manual

Model: AV13A210F7L

Brand: Bear Archery

## INTRODUCTION

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The Bear Archery Legit Ready to Hunt Compound Bow is a versatile bow designed for archers of all ages and skill levels. Constructed from 100% aluminum, it is lightweight at only 3.6 lbs and capable of shooting arrows up to 315 feet per second. This bow offers ultimate adjustability in draw length and weight, making it suitable for various users. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your bow.



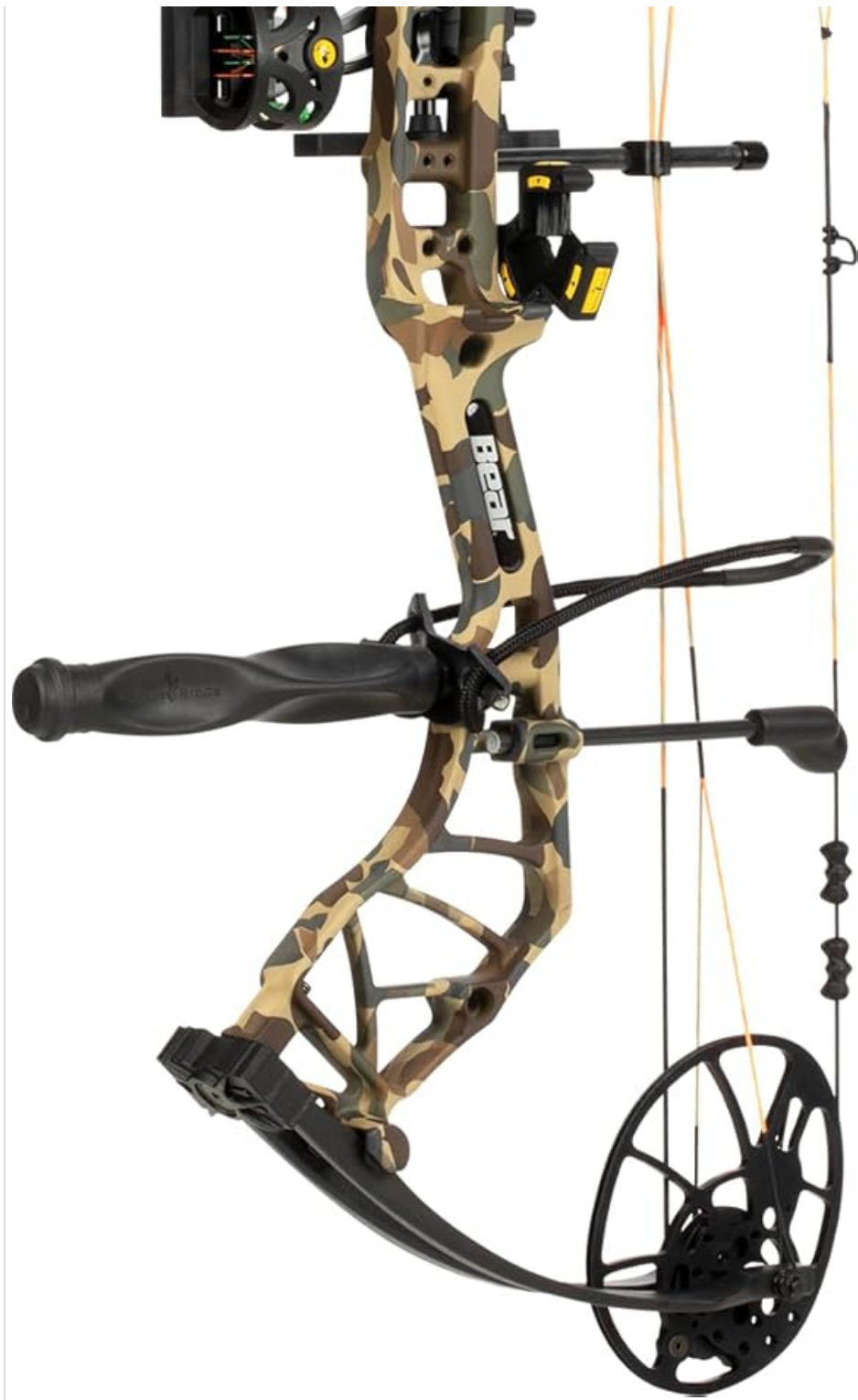


Figure 1: The Bear Archery Legit Compound Bow in Fred Bear camouflage, showcasing its full assembly.

## SETUP AND INITIAL ADJUSTMENT

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### Unpacking and Inspection

Upon receiving your Bear Archery Legit bow, carefully unpack all components and inspect for any signs of damage during transit. Verify that all included accessories are present as listed in the specifications.

### Adjusting Draw Length and Weight

The Legit bow is designed for simple adjustments without the need for a bow press. All adjustments for draw length and peak draw weight can be made using an Allen wrench. The draw length is adjustable from 14 inches to 30 inches, and the peak draw weight can be set from 10 lbs to 70 lbs. Refer to the markings on the cams and the included adjustment guide

for precise settings.

## Accessory Installation

Your Ready to Hunt package includes several pre-installed or easily attachable accessories:

- **Joker 4-pin sight:** This sight is pre-mounted and can be adjusted for elevation and windage.
- **5-Spot quiver:** The quiver attaches securely to the bow riser for convenient arrow storage. It can be easily removed when not needed.
- **Whisker Biscuit:** This arrow rest provides full containment and support for your arrows.
- **No-tie peep sight & D loop:** These are essential for consistent aiming and arrow release.
- **Stabilizer & Sling:** These components help improve balance and reduce vibration during shooting.





Figure 2: The Legit bow fully equipped with its included accessories, ready for use.



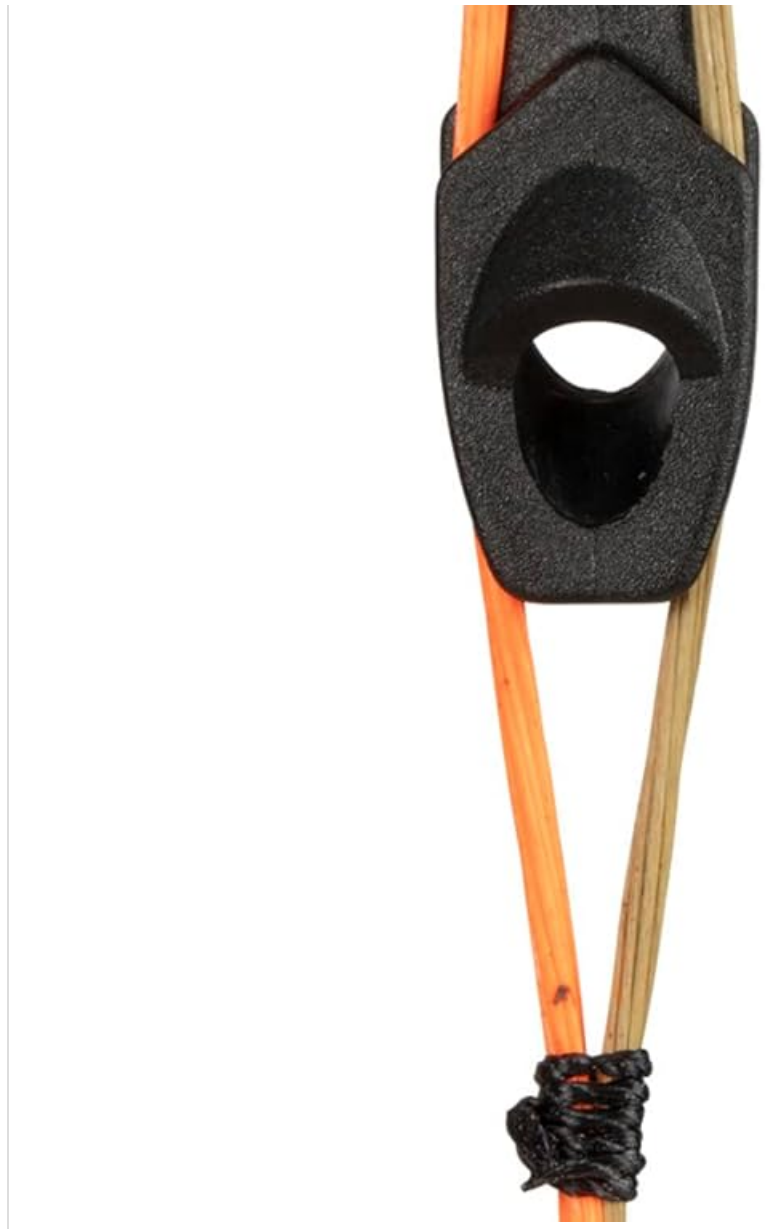


Figure 3: Detailed view of the Joker 4-pin sight, showing its adjustable pins.



Figure 4: The Whisker Biscuit arrow rest, designed for full arrow containment.



Figure 5: The stabilizer and wrist sling attached to the bow, enhancing stability and handling.

## OPERATING YOUR COMPOUND BOW

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### Safe Handling Practices

Always prioritize safety when handling your compound bow. Never dry-fire the bow (drawing and releasing the string without an arrow), as this can cause severe damage to the bow and potential injury. Always ensure a clear backstop and safe shooting lane before drawing or releasing an arrow. Keep fingers and clothing clear of the string and cams.

### Drawing and Aiming

The Bear Archery Legit features a smooth draw cycle, making it comfortable for new and experienced archers alike. When drawing, maintain a consistent anchor point and align your peep sight with the front sight pins. The bow's design is forgiving, which can help correct minor inconsistencies in your shooting form, leading to better accuracy.

## Shooting Technique

Adopt a stable stance, maintain a relaxed grip on the riser, and execute a smooth release. Practice regularly to develop muscle memory and consistency. Start at closer distances and gradually increase your range as your accuracy improves.

## MAINTENANCE AND CARE

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### String and Cable Inspection

Regularly inspect the bowstring and cables for any signs of wear, fraying, or damage. Apply bowstring wax periodically to keep the string conditioned and extend its lifespan. Pay close attention to the string guide; some users have noted that certain string guides can cause fraying over time. Consider upgrading to a roller design if excessive wear is observed.





Figure 6: Inspect the cam system and string for wear and proper alignment.

## **Cleaning and Storage**

After each use, wipe down the bow with a clean, dry cloth to remove dirt and moisture. Store the bow in a cool, dry place, preferably in a padded bow case, to protect it from environmental elements and accidental damage. Avoid extreme temperatures and humidity.

## **Screw and Fastener Checks**

Due to vibrations from shooting, screws and fasteners on the bow and its accessories may loosen over time. Periodically check all screws, especially those on the sight, arrow rest, and limb pockets, and tighten them as needed. For critical components, some users have found success with a small amount of non-permanent thread locker to prevent loosening.



Figure 7: Regularly check all fasteners on the riser and accessories for tightness.

## TROUBLESHOOTING COMMON ISSUES

Problem	Possible Cause	Solution
Arrow flying inconsistently	Sight or rest misalignment; inconsistent shooting form.	Verify sight and arrow rest alignment. Ensure consistent anchor point and release. Consult a professional if needed for tuning.
Loose components (e.g., sight, quiver)	Vibration from shooting; insufficient tightening during setup.	Regularly check and tighten all screws and fasteners. Consider using a small amount of non-permanent thread locker on accessory screws.
Bowstring or cables fraying prematurely	Worn string guide; lack of string wax; sharp edges on components.	Inspect string guide for wear and replace if necessary (consider a roller design). Apply bowstring wax regularly. Check for any burrs on cams or other parts.

Problem	Possible Cause	Solution
Difficulty drawing the bow	Draw weight set too high; improper technique.	Reduce the draw weight using an Allen wrench. Practice proper drawing technique. Start with a lower weight and gradually increase as strength improves.

## PRODUCT SPECIFICATIONS

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Feature	Detail
Model Name	Legit RTH
Brand	Bear Archery
Color	Fred Bear
Material	Aluminum
Item Weight	3.6 Pounds
Hand Orientation	Left Hand
Archery Draw Weight	Adjustable 10-70 Pounds
Archery Draw Length	Adjustable 14-30 Inches
UPC	754806326115
Item Package Dimensions L x W x H	43.5 x 13.75 x 5 inches
Item Dimensions LxWxH	34 x 11.5 x 4 inches
Included Components	Compound bow, a Joker 4-pin sight, 5-Spot quiver, Whisker Biscuit, No-tie peep sight & D loop
Country of Origin	United States

## WARRANTY INFORMATION

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The Bear Archery Legit Compound Bow comes with a Limited Life-Time Warranty. This warranty covers manufacturing defects and ensures the longevity of your product. Please refer to the official Bear Archery website or your purchase documentation for full warranty terms and conditions, including registration requirements and claim procedures.

For more details, you can visit the [Bear Archery Store](#).

## CUSTOMER SUPPORT

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For further assistance, technical support, or to purchase replacement parts, please contact Bear Archery customer service through their official website or authorized dealers. Online resources and FAQs may also be available on the Bear Archery website to help you with common questions and issues.

