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BARNETT Whitetail Hunter STR

Barnett Whitetail Hunter STR Crossbow User Manual

Model: Whitetail Hunter STR (BAR78263)

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INTRODUCTION

This manual provides essential instructions for the safe assembly, operation, and maintenance of your Barnett Whitetail Hunter STR Crossbow. Please read this manual thoroughly before using the crossbow to ensure proper handling and to prevent injury.



Image: The Barnett Whitetail Hunter STR Crossbow, featuring a camouflage pattern, mounted scope, and two arrows in the quiver. This image provides an overall view of the assembled crossbow.

SAFETY INFORMATION

Your safety and the safety of others are paramount. Always follow these safety guidelines:

- **Always point the crossbow in a safe direction.** Never point it at anything you do not intend to shoot.
- **Keep fingers and thumb below the flight track.** The crossbow features Finger Safety reminders to prevent injury from the string path.
- **Ensure the Anti-Dry Fire (ADF) Trigger System is engaged.** This system prevents the crossbow from firing without an arrow properly seated.
- **Use only approved arrows.** Refer to specifications for recommended arrow length and weight.
- **Wear appropriate eye protection.**
- **Never cock or de-cock the crossbow with your fingers on the trigger.**
- **Store the crossbow uncocked and unloaded in a secure location.**

PACKAGE CONTENTS

Verify that all components are present in your package:

- Barnett Whitetail Hunter STR Crossbow
- 4x32mm Multi-Reticle Scope
- Lightweight Quiver
- Rope Cocking Device
- Two 22" Headhunter™ Arrows
- Lubrication Wax
- Assembly Hardware

SETUP AND ASSEMBLY

The Barnett Whitetail Hunter STR Crossbow ships mostly assembled. Follow these steps for final assembly:

1. **Attach the Riser to the Stock:** Carefully align the riser with the stock and secure it using the provided hardware. Ensure all bolts are tightened according to the instructions in the detailed assembly guide (not included in this summary).
2. **Mount the Scope:** Attach the 4x32mm Multi-Reticle Scope to the Picatinny rail on the crossbow. Ensure it is securely fastened and positioned for comfortable eye relief.
3. **Install the Quiver:** Secure the lightweight quiver to the designated mounting points on the crossbow.
4. **Apply Lubrication Wax:** Apply the included lubrication wax to the crossbow string and cables as directed in the full manual to ensure optimal performance and longevity.

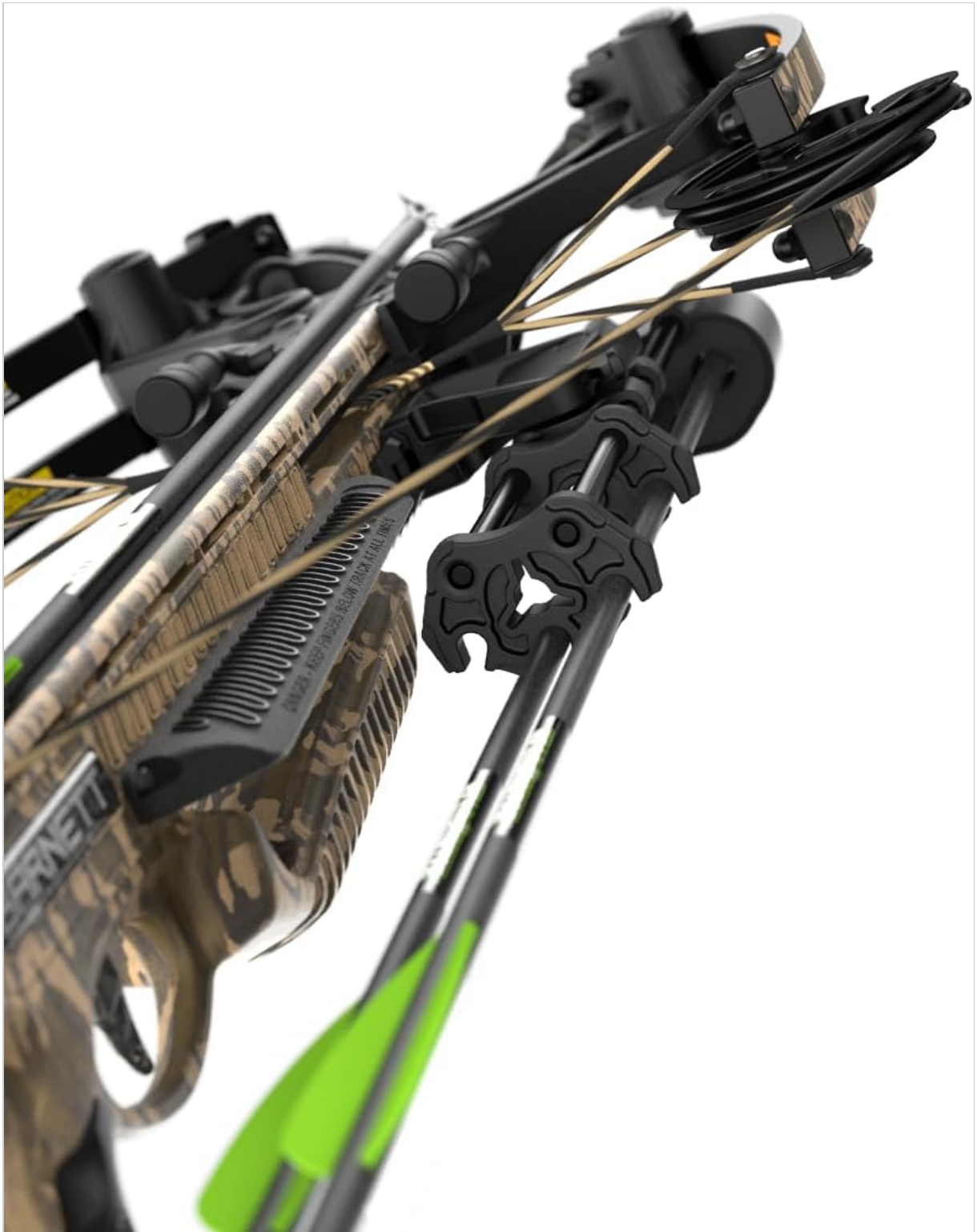


Image: A side view of the Barnett Whitetail Hunter STR Crossbow, highlighting the stock, trigger assembly, and scope. This view is useful for understanding component placement during assembly.

OPERATING INSTRUCTIONS

Cocking the Crossbow

Always use the provided rope cocking device for safe and consistent cocking. This ensures even tension on the string and engages the safety mechanisms correctly.

1. Place the foot stirrup on the ground and hold the crossbow firmly.
2. Attach the hooks of the rope cocking device to the crossbow string, ensuring they are evenly spaced.

3. Pull the rope upwards with steady, even pressure until the string engages the trigger mechanism and the safety automatically engages.
4. Remove the rope cocking device. The Anti-Dry Fire (ADF) system should now be active, preventing accidental discharge.



Image: A close-up of the rear stock of the Barnett Whitetail Hunter STR Crossbow, showing the buttstock and the integrated stirrup. This area is used for bracing the crossbow during cocking.

Loading an Arrow

With the crossbow cocked and the safety engaged:

1. Ensure the arrow is a 22" Headhunter™ arrow or equivalent, with the correct nock orientation.
2. Slide the arrow into the flight track, ensuring the nock fully engages the string and the arrow rests against the Soft Lok Floating Bristle Arrow Retainer.
3. Verify that the arrow is seated correctly and the broadhead (if used) clears the riser.



Image: A front-angle view of the Barnett Whitetail Hunter STR Crossbow, showing the limbs, cams, and the front section of the flight track with an arrow loaded. This illustrates the arrow loading position.

Firing the Crossbow

Before firing, always confirm your target and what is beyond it.

1. With the arrow loaded and the crossbow pointed in a safe direction, disengage the safety.
2. Place your finger on the TriggerTech Frictionless Release Technology trigger.
3. Aim carefully and squeeze the trigger smoothly to fire.



Image: A detailed view of the grip and trigger area of the Barnett Whitetail Hunter STR Crossbow, highlighting the TriggerTech Frictionless Release Technology. This image is relevant for understanding the firing mechanism.

Decocking the Crossbow

Never dry fire the crossbow. If you need to de-cock without shooting, refer to the full manual for safe de-

cocking procedures, which typically involve using a discharge arrow or a specific de-cocking method.

SCOPE ADJUSTMENT AND SIGHTING

The 4x32mm Multi-Reticle Scope requires sighting in for accuracy. This process involves shooting at a target at a known distance and adjusting the scope's windage and elevation turrets until the point of impact matches the point of aim.

- Begin sighting at a close range (e.g., 20 yards) to ensure arrows hit the target.
- Adjust the elevation turret to move the point of impact up or down.
- Adjust the windage turret to move the point of impact left or right.
- Once sighted at the initial range, confirm accuracy at longer distances, utilizing the multi-reticle system for different ranges.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your crossbow.

- **String and Cable Waxing:** Apply the provided lubrication wax to the string and cables regularly (e.g., every 5-10 shots) to reduce friction and extend their lifespan.
- **Inspection:** Before each use, inspect the string, cables, limbs, and all fasteners for any signs of wear, damage, or looseness.
- **Cleaning:** Keep the crossbow clean and free of dirt and debris. Use a soft cloth for cleaning.
- **Storage:** Store the crossbow in a cool, dry place, uncocked, and away from direct sunlight or extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Crossbow will not cock	Improper cocking technique; rope cocking device not used correctly.	Ensure even pressure with the rope cocking device. Refer to "Cocking the Crossbow" section.
Crossbow will not fire	Safety engaged; arrow not fully seated; Anti-Dry Fire system active.	Disengage safety. Ensure arrow is fully seated against the string.
Inaccurate shots	Scope not sighted in; damaged arrow; worn string/cables.	Sight in the scope. Inspect arrows for damage. Check string/cables for wear and wax them.

For further assistance, contact Barnett customer support.

SPECIFICATIONS

Model Name	Whitetail Hunter STR
Brand	BARNETT

Model Number	BAR78263
Material	Carbon Fiber, Metal, Plastic
Item Weight	6.6 Pounds
Archery Draw Weight	210 Pounds
Archery Draw Length	15.5 Inches
UPC	042609011186
Item Dimensions (LxWxH)	34.88 x 20.13 x 0.5 inches
Included Components	4x32mm Multi-Reticle Scope, Lightweight Quiver, Rope Cocking Device, Two 22" Headhunter™ Arrows

WARRANTY AND SUPPORT

The Barnett Whitetail Hunter STR Crossbow comes with a **1 Year Warranty**. For warranty claims, technical support, or replacement parts, please contact Barnett customer service directly. Retain your proof of purchase for warranty validation.

For the most up-to-date support information, visit the official Barnett website or refer to the contact details provided with your product packaging.