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Carbon Express 20249

Carbon Express Blade X-Force Blade Crossbow Ready-to-Hunt Kit User Manual

Model: 20249

Introduction

This manual provides essential information for the safe and effective use of your Carbon Express Blade X-Force Blade Crossbow Ready-to-Hunt Kit. The X-Force Blade Crossbow is designed for adaptable fit and repeatable accuracy, featuring a durable 1-piece cast metal riser with a built-in extruded aluminum rail, adjustable butt stock, and multi-position foregrip. It also includes anti-dry-fire technology and ambidextrous safety for enhanced user protection.



Figure 1: Carbon Express Blade X-Force Blade Crossbow

Safety Warnings

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

- Always read and understand the entire manual before using the crossbow.
- Never dry fire the crossbow (firing without an arrow). This can cause severe damage to the crossbow and potential injury to the user.
- Always use appropriate 20-inch Piledriver crossbow bolts with moon nocks and performance vanes. Using incorrect arrows can lead to malfunction or injury.

- Always wear appropriate eye protection when handling or shooting the crossbow.
- Keep fingers and clothing clear of the string path and cams when cocking or firing.
- Ensure the safety is engaged until you are ready to fire.
- Always be aware of your target and what is beyond it.

Package Contents

Your Carbon Express Blade X-Force Blade Crossbow Ready-to-Hunt Kit includes the following components:

- Carbon Express X-Force Blade Crossbow (black)
- 3 x 20" Piledriver crossbow bolts with moon nocks & performance vanes
- 3 x 100 gr. Field points
- Deluxe 4x32 scope with six reticle crosshairs (water-shock-fog resistant)
- Quick-detach 3-bolt quiver
- Rope cocker
- Rail lubricant



Figure 2: Included components of the Ready-to-Hunt Kit

Setup

Follow these steps to assemble your crossbow:

1. **Attach the Riser and Limbs:** Securely attach the riser and limb assembly to the main stock following the

manufacturer's specific instructions for your model.

2. **Install the Scope:** Mount the 4x32 scope onto the Picatinny accessory rail. Ensure it is securely fastened and level.
3. **Attach the Quiver:** Install the quick-detach 3-bolt quiver to its designated mounting point on the crossbow.
4. **Apply Rail Lubricant:** Before first use, and periodically thereafter, apply a thin layer of the provided rail lubricant to the crossbow's rail to ensure smooth string travel and reduce wear.
5. **Inspect the String and Cables:** Visually inspect the string and cables for any signs of fraying or damage. Do not use the crossbow if any damage is observed.

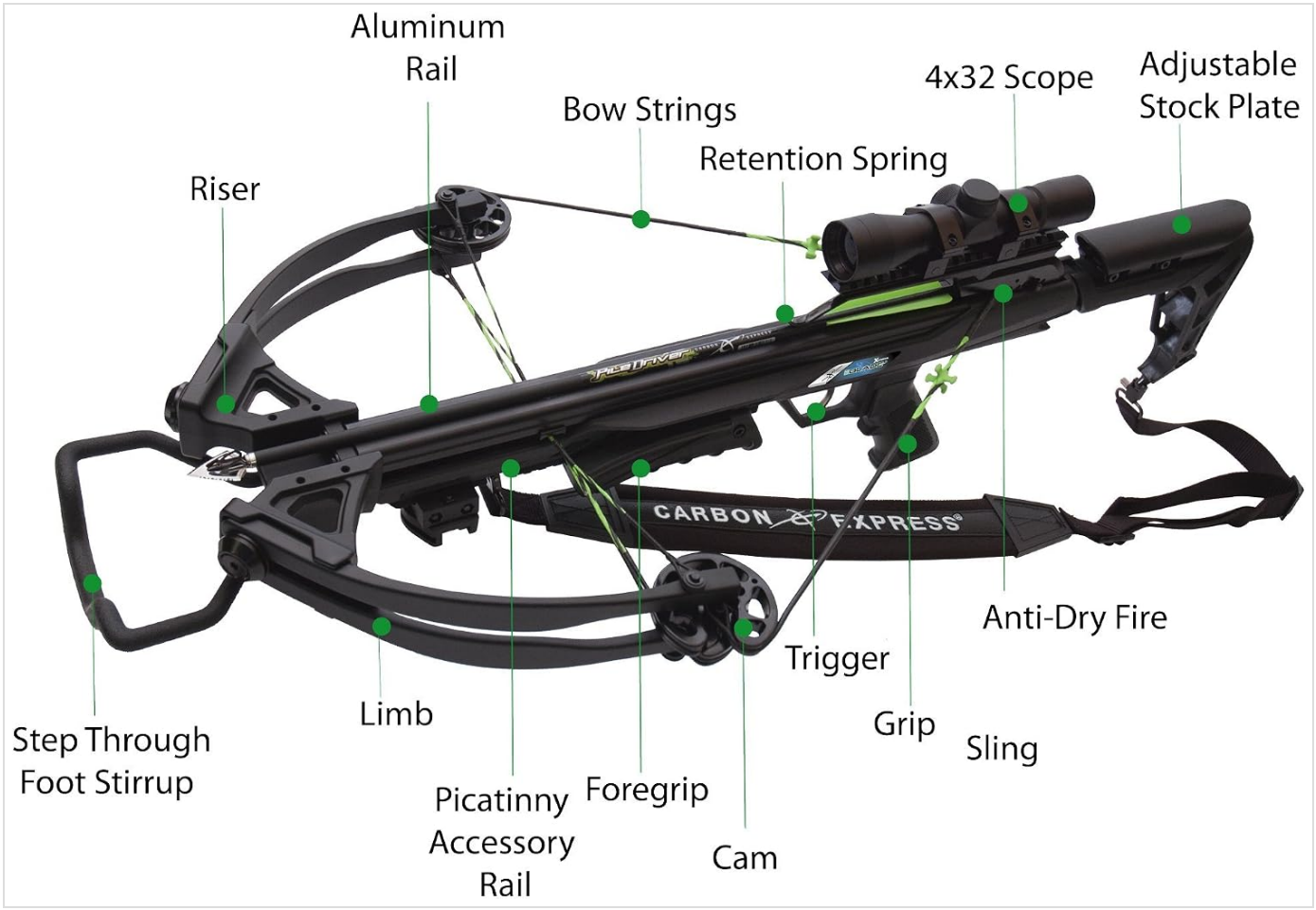


Figure 3: Key components of the crossbow

Operating Instructions

Proper operation is crucial for safety and performance:

1. **Cocking the Crossbow:** Place the crossbow's foot stirrup on the ground and firmly hold it with your foot. Use the provided rope cocker. Hook the rope cocker's handles onto the string, ensuring the hooks are evenly placed. Pull the rope cocker upwards with steady, even pressure until the string engages with the trigger mechanism and the safety automatically engages.
2. **Loading an Arrow:** With the safety engaged, place a 20-inch Piledriver crossbow bolt onto the rail. Ensure the moon nock is properly aligned with the string and the arrow is fully seated against the string. The arrow should be firmly held by the retention spring.
3. **Aiming:** Use the 4x32 scope to acquire your target. Practice proper aiming techniques to ensure accuracy.
4. **Firing:** Only disengage the safety when you are ready to fire and your target is clear. Maintain a firm grip on the foregrip and butt stock. Squeeze the trigger smoothly to release the string.
5. **Uncocking (if necessary):** If you need to uncock the crossbow without firing, refer to specialized uncocking methods or consult a professional. Never dry fire to uncock.

Note: No official seller videos were available for embedding that met the criteria for this section.

Maintenance

Regular maintenance ensures the longevity and performance of your crossbow:

- **Rail Lubrication:** Apply rail lubricant to the flight rail every 5-10 shots or before each use to minimize friction and wear on the string.
- **String and Cable Inspection:** Regularly inspect the string and cables for any signs of wear, fraying, or damage. Replace them immediately if any damage is found.
- **Waxing the String:** Apply crossbow string wax to the string and cables (excluding the serving) periodically to protect them from wear and weather.
- **Storage:** Store your crossbow in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure it is uncocked before storage.

Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Crossbow will not fire.	Safety engaged, arrow not fully seated, trigger mechanism issue.	Disengage safety, ensure arrow is fully seated with moon nock aligned. If issue persists, consult a professional.
Poor accuracy.	Loose scope, damaged fletching on arrows, inconsistent shooting form.	Check scope mounts, inspect arrows for damage, practice consistent shooting form.
String wear/fraying.	Lack of lubrication, age, improper use.	Apply rail lubricant regularly, wax string, replace string/cables if significantly worn.

Specifications

Feature	Detail
Model Name	Blade
Brand	Carbon Express
Color	Black
Material	Aluminum, Metal, Plastic
Item Weight	6.5 Pounds
Hand Orientation	Ambidextrous
UPC	044734202491
Size	One Size
Item Package Dimensions L x W x H	32.01 x 10.51 x 5.98 inches
Package Weight	5.63 Kilograms

Feature	Detail
Item Dimensions LxWxH	31 x 11 x 6 inches
Manufacturer	Feradyne Outdoors Llc
Part Number	20249
Sport Type	Hunting
Kinetic Energy	86.3 ft./lbs.
Power Stroke	12.5"
Width (cocked/uncocked)	13" (cocked) / 17.5" (uncocked)
Length (LOP)	34.5"-36.5" (14.25"-16.25")

Warranty and Support

The Carbon Express Blade X-Force Blade Crossbow comes with a**Limited Warranty**. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or contact Carbon Express customer service directly.
For technical support, replacement parts, or further assistance, please contact:
Carbon Express Customer Service
Website: www.carbonexpressarrows.com
(Please check the official website for the most current contact information.)

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