



# ***XR175***

***Recurve Crossbow***

# ***OWNER'S MANUAL***

## READ ALL INSTRUCTIONS AND WARNINGS BEFORE USING

If you have any questions about this product or need some help, do not return the product to the store before talking with CenterPoint Hunting and Outdoors. Feel free to visit us at [centerpointhunting.com](http://centerpointhunting.com), or speak with one of our friendly customer service (1-866-726-1122) representatives Monday through Friday between the hours of 8AM and 4:30PM EST.

**⚠ WARNING:** RECOMMENDED FOR ADULT USE ONLY. MISUSE OR CARELESS USE MAY RESULT IN SERIOUS INJURY OR DEATH. READ ALL INSTRUCTIONS BEFORE USING.

**⚠ WARNING:** ALWAYS KEEP HAND, THUMB AND FINGERS BELOW FLIGHT TRACK. FAILURE TO DO SO MAY CAUSE SERIOUS INJURY.

**⚠ WARNING:** BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS ABOUT THE USE AND OWNERSHIP OF THIS CROSSBOW.

**⚠ WARNING:** THIS PRODUCT CONTAINS ONE OR MORE CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS (OR OTHER REPRODUCTIVE HARM).

### 1. Safety First

#### A. Target Safety

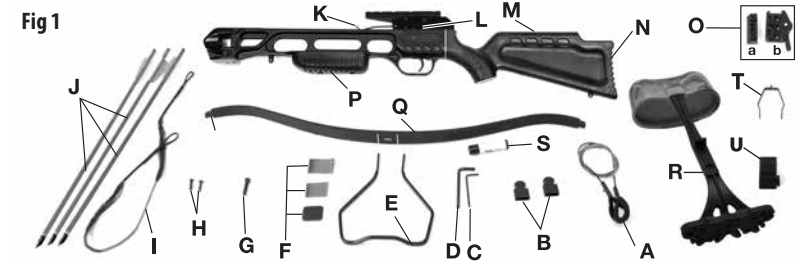
- **ALWAYS** treat the crossbow as though it is loaded and ready to fire.
- **ALWAYS** treat the crossbow with the same respect you would a firearm.
- **ALWAYS** store the crossbow unloaded and away from children.
- **ALWAYS** check to see if the crossbow is "ON SAFE" and unloaded when getting it from another person or from storage.
- **ALWAYS** keep the crossbow pointed in a SAFE DIRECTION.
- **ALWAYS** keep the crossbow "ON SAFE" until you are ready to shoot.
- **ALWAYS** keep finger off the trigger and out of the trigger guard until ready to shoot.
- **ALWAYS** be sure of your target and beyond.
- **ALWAYS** check your archery backstop for wear before and after such use. All target backstops are subject to wear and will eventually fail. Replace your target backstop if the surface is worn or damaged.
- **NEVER** cock or load the crossbow until you are ready to shoot.
- **NEVER** point the crossbow at any person.
- **NEVER** point the crossbow at anything you do not intend to shoot.

#### B. Crossbow Safety

- **ALWAYS** check the crossbow thoroughly for worn, damaged, loose or missing parts prior to shooting.
- **ALWAYS** inspect your arrows/bolts regularly. Damaged arrows/bolts may cause serious injury. Any nicked, dented, split, or splintered bolts should be discarded immediately.
- **ALWAYS** keep hands, fingers and thumbs below the travel path of the bow string and cables.
- **ALWAYS** be sure the crossbow limbs are clear from striking tree limbs and other obstacles before shooting.
- **ALWAYS** wear safety glasses with any type of archery product.
- **NEVER** dry fire the crossbow. Shooting without an arrow/bolts will cause damage to your crossbow and could cause injury to the shooter.
- **NEVER** use underweight arrows/bolts. This has the same effect as dry-firing a crossbow and may cause damage to the crossbow and injury to the shooter.
- **NEVER** shoot any projectile in the crossbow except for arrows/bolts recommended by CenterPoint Hunting and Outdoors for the specific crossbow. Shooting other than recommended bolts could result in injury or damage to the crossbow (see specification chart for bolt information).
- **NEVER** draw your crossbow beyond the maximum draw length or damage to the limbs, cables and strings could occur.
- **NEVER** use your hand or the rope cocker to uncock the crossbow as it may cause serious injury to the user or damage to the crossbow
- **NEVER** attempt to disassemble or tamper with the crossbow. Special tools are required for working on the crossbow. Contact an established archery shop for assistance. Using anything other than an established archery shop or modifying the function of the crossbow in any way may render the crossbow unsafe and will void the warranty.

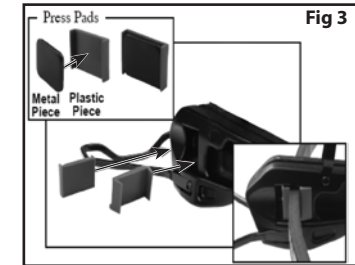
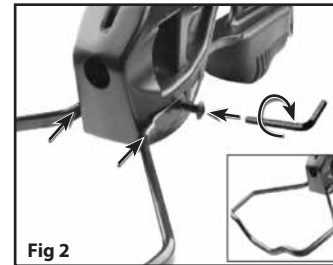
### 2. LEARNING THE PARTS OF THE CROSSBOW

Learning the names of the parts of the crossbow will help you to understand the owner's manual. (Fig1)



- |                         |                                  |                            |
|-------------------------|----------------------------------|----------------------------|
| A. Stringer             | H. Cocking Stirrup Screw (2)     | O. Quiver Mounts (a and b) |
| B. Plastic Tip (2)      | I. Bow String                    | P. Fore grip               |
| C. Small Hex Wrench     | J. Arrows/Bolts (3)              | Q. Limb                    |
| D. Large Hex Wrench     | K. Arrows/Bolts Retention Spring | R. Quiver                  |
| E. Cocking Stirrup      | L. Safety                        | S. Rail Lube               |
| F. Press Pad- (3 parts) | M. Stock                         | T. Front Sight             |
| G. Limb Screw (1)       | N. Butt                          | U. Rear Sight              |

### 3. ASSEMBLING THE CROSSBOW



#### A. Attaching the Stirrup

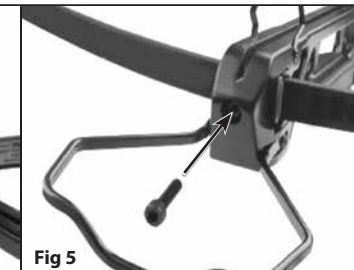
1. Slide the stirrup into the front of the crossbow and tighten screws on both sides with the small hex wrench. (Fig 2)

#### B. Inserting the Press pad into the limb slot

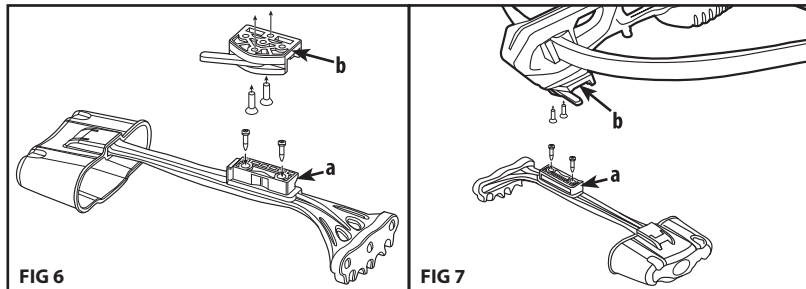
1. Insert the small square metal piece within the plastic press pad. Insert the plastic press pad with the metal facing forwards in the front part of the limb slot (Fig 3).
2. Insert the plastic press pad to the back of the limb slot as shown.

#### C. Inserting and Securing the Limb

1. Attach a plastic tip on each end of the limb. Make sure to attach the tips straight and push in securely (Fig 4).
2. Slide the limb through the limb slot in the front of the stock Lining up the white lines on the limb with the edges of the limb slot. Make sure the press pad stays secure.
3. Insert and tighten the limb screw using the LARGE hex, realigning the lines as needed. DO NOT OVERTIGHTEN (Fig 5).



#### D. Assembling the Quiver



1. Screw the quiver mount **a** into the quiver with 2 screws (Fig 6).
2. Screw quiver mount **b** onto the bottom of the stock (Fig 7).
3. Tighten using the hex wrench.

#### E. Attaching Quiver to Stock Assembly

1. Connect quiver mount A to quiver mount B by sliding the two mounts together locking in place with locking lever.
2. Ensure quiver is locked and secure.

#### F. Open Sight Assembly

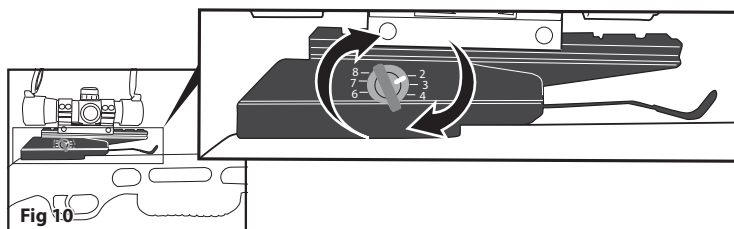


1. Install the front sight pin bracket onto slots at end of barrel using two screws.
2. Install rear sight by sliding onto the sight bridge.

#### G. Attaching the Red Dot sight

1. Tilt and attach scope from side, ensuring the metal latches grip the outside of the sight rail.
2. Align the screws with the grooves in the mount, and tighten screwheads with a screw driver (not included).

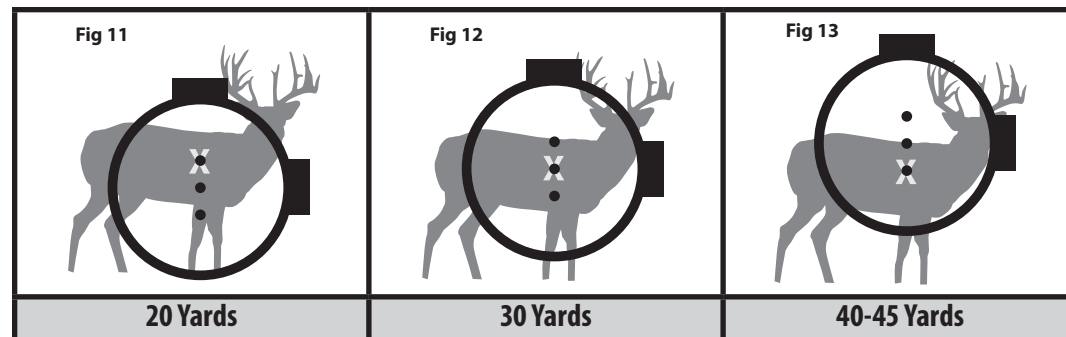
#### H. Scope rail elevation adjustment



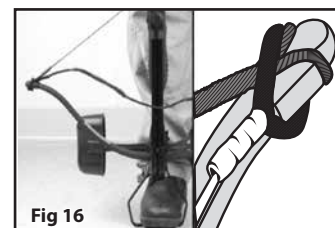
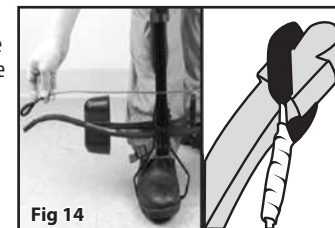
1. The scope mount rail has an adjustment on the right side for very large elevation adjustment. Use this adjustment only if your scope is at a maximum elevation and still is not centered on the target at 20 yards. The wheel is numbered 2 to 8 with the 1 and 9 positions unmarked. (Fig 10) There are half stops between the numbers. To raise your arrow on the target increase the wheel to the next higher position.

**Note:** the adjustment wheel only turns in the clockwise direction. If you pass the desired elevation number you must continue around until you index to the correct number again.

**Note:** although you can set-up your crossbow to shoot at targets beyond 45 yards the arrow does not have adequate energy to effectively take game. It is not suggested to take shots at game greater than 45 yards.



2. Utilizing the supplied 3 dot scope with the scope at mechanical center fire the bow at a target 20 yards away. If the arrow goes low then raise your arrow on the target by turning the scope mount rail wheel to the next stop point. This may be on a marked number or just a half step. Fire another arrow and repeat until you are on target. Then adjust the scope so the top dot is on the arrow at 20 yards. (Fig 11) See the scope owner's manual for additional information on adjustment. Confirm you are on target by firing another arrow. Move the target to 30 yards and confirm the center dot is on the center of the target and fire an arrow. (Fig 12) Confirm you are on target by firing another arrow. Use only fine adjustment on the scope for correction. Then move the target to 40-45 yards. (Fig 13) and confirm the bottom dot is on the center of the target then fire an arrow. Confirm you are on target by firing another arrow. Again use only the fine adjustment in the scope to correct aim.



#### I. Attaching the Bow String

1. Attach the stringer rope to each limb tip as shown in (Fig 14) With a foot firmly grounded in the stirrup, pull the stringer upwards and lock securely into the trigger mechanism (Fig 15). As you do this, the crossbow automatically goes to the "ON SAFE" position.
2. Attach the crossbow string loop over each limb tip by inserting through (under) the stringer loop. BE SURE that the crossbow stringer is fully looped over both sides of the plastic tip as shown in Fig 16
3. With foot firmly grounded in the stirrup, slide the operating switch to the "OFF SAFE" or FIRE position and pull the trigger (Fig 17) to release the stringer.
4. Remove the stringer from the limb tip. (Fig 18)

#### 4. OPERATING THE SAFETY

**CAUTION:** Like all mechanical devices, a crossbow safety can fail. Even when the safety is "ON SAFE", you should continue to handle the crossbow in a safe manner.

##### A. To put the Crossbow "ON SAFE"

- Always keep the crossbow pointed in a SAFE DIRECTION.
- The safety is automatically engaged when the string is properly cocked.
- The safety is not engaged ("ON SAFE") unless it is all the way back (Fig 17/19).

##### B. To Take the Crossbow "OFF SAFE"

- Make sure the crossbow is pointed in a SAFE DIRECTION.
- Locate the safety on the right side of the stock
- Push forward for "OFF SAFE" (Fig 19)



- Push the safety all the way forward.
- The safety is now disengaged (“OFF SAFE”).

## 5. COCKING THE CROSSBOW

- DO NOT cock or load the crossbow unless in a safe area and in a position to load and shoot safely.

**NOTE:** TO COCK THE CROSSBOW, THE SAFETY MUST BE IN THE “OFF SAFE” POSITION. AS YOU COCK THE CROSSBOW THE SAFETY WILL ENGAGE TO THE “ON SAFE POSITION”.

- Place the safety in the “OFF SAFE” position. The crossbow will not cock if the safety is in the “ON SAFE” position Pull the trigger to verify that it is ready to accept the string. If the trigger will not move, the safety is “ON SAFE” and the crossbow cannot be cocked.
- Place the cocking stirrup on the ground and place a foot securely inside.
- Reach over the top of the stock and grasp the string with equal power on each hand.
- Pull the string back by standing straight until you hear a click in the trigger mechanism.
- After drawing, relax your hand tension slightly to ensure the string has been captured by the trigger latch. DO NOT LET GO OF THE STRING COMPLETELY.
- If the string is not held securely, gently let the string down and repeat the above steps.

**NOTE:** The main string should click into place and the safety should automatically engage. If the string is being captured by the trigger latch, let go of the string.

## 6. LOADING THE CROSSBOW

1. Verify the crossbow pistol is “ON SAFE.”
2. Point the crossbow pistol in a SAFE DIRECTION.
3. Be sure you have the correct size arrows with you. We recommend using only 16” crossbow arrows that are no lighter than 400 total grains. Place the arrow so that the cocking vane (the different colored vane), is down in the groove (Fig 20).
4. Slide the arrow back to the trigger assembly, under the arrow retention spring, until the arrow rests fully on the string.
5. After following these steps and reading the entire manual, including the section on reviewing safety procedures, your air crossbow is now loaded and ready to fire.



**⚠ WARNING:** KEEP THE CROSSBOW IN THE “ON SAFE” POSITION UNTIL YOU ARE ACTUALLY READY TO SHOOT. THEN PUSH THE SAFETY FORWARD TO THE “OFF SAFE” POSITION.

## 7. Aiming And Firing Safely

**⚠ WARNING:** KEEP FINGERS AND THUMB BELOW THE TRAVEL PATH OF THE BOW STRING AND CABLES. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY.

### A. Aiming the Crossbow

- Always point the crossbow in a SAFE DIRECTION.
- Always keep fingers and thumb below the travel path of the bow string (Fig 21A).
- You and others with you should always wear shooting glasses to protect your eyes. With the crossbow pointed down range, shoulder the crossbow, and place your hand on the stock with your fingers and thumb positioned on the fore grip, below the travel path of the string (Fig 21B & 21C).
- Do not shoot at hard surfaces or at the surface of water. The arrow may bounce off or ricochet and hit someone or something you had not intended to hit.
- Always choose the target carefully.
- THINK about what you will hit if you miss the target.



### B. Sighting In The Crossbow

- The crossbow is equipped with a CenterPoint® Precision Optic. Follow the instructions for the optic for sighting and adjusting.

### C. Firing

- With the crossbow pointed in a SAFE DIRECTION and hands in the proper position release the safety by pushing the safety all the way forward (see section 3B).
- Pull the trigger.

### D. De-cocking the Crossbow

**⚠ WARNING:** DO NOT USE YOUR HAND OR THE ROPE COCKER TO UNCOCK THE CROSSBOW AS IT MAY CAUSE SERIOUS INJURY TO THE USER OR DAMAGE TO THE CROSSBOW.

- You should not cock or load the crossbow unless you are in a safe area and in a position to shoot safely.
- ALWAYS identify the target and beyond the prior to shooting.
- If for some reason you must de-cock the crossbow pistol, DO NOT DRY FIRE IT. Load an old bolt and fire into a safe target after following the instructions in this manual. Dry firing can cause serious injury or damage to the crossbow.

## 8. Maintaining the Crossbow

- **NEVER DRY FIRE THE CROSSBOW.**
- DO NOT MODIFY OR ALTER THE CROSSBOW. Attempts to modify the crossbow in any way inconsistent with this manual may render the crossbow unsafe to use, cause serious injury or death, and will void the warranty.
- If you drop the crossbow, check to see that it works properly before you use it again. If anything seems changed, like a shorter or weaker trigger pull, this may mean broken parts.
- Always check the crossbow thoroughly for worn, damaged, loose or missing parts prior to shooting. Call customer service for assistance before using the crossbow again.
- Periodically place a light coat of silicon based lubricant on all metal parts to prevent rust and corrosion.
- We also recommend lube wax (included) to reduce fraying and wear. Apply a small amount of lube wax every 12-15 shots to the rail. Paying close attention to where the string comes in contact with the rail. Do not over lubricate the center section of the crossbow string as this may cause a buildup of lubricant in the trigger mechanism. Keep the flight track and the string serving waxed to reduce friction. Always check and replace frayed or worn strings and cables.
- Change strings when they become worn or frayed. Contact an established archery shop to change the strings. Changing strings requires experience and a bow press which can found at an established archery shop.
- Inspect all bolts /arrows for wear, damage, or nicks before using. If any wear damage or nicks are found dispose of the bolts properly.

## LIMITED WARRANTY FOR CENTERPOINT CROSSBOW

Your CenterPoint™ crossbow is warranted to be free of defects in materials and workmanship for 1 year. This warranty is not transferable and as such is limited to the original owner. Bow limbs are warranted for 1 year from date of purchase. All other parts are warranted for 1 year from date of purchase. CenterPoint® scopes have a separate warranty. This warranty does not cover damages due to fair wear and tear, failure to provide routine maintenance, and does not include strings or accessories. In the event of a defect under this warranty, we will, at our option, repair or replace the product; provided, however, our inspection indicates that an original defect exists. CenterPoint reserves the right to replace any product which is no longer available with a product of comparable value and function. If CenterPoint determines the repair is not covered under the warranty guidelines, there could be a charge to you for the repair. This is a limited warranty and does not cover damages caused by misuse, improper handling or installation or maintenance provided by someone other than a CenterPoint Authorized Service Station.

This limited warranty does not include consequential damages, incidental damages, or incidental expenses, including damage to property or any other expense. CenterPoint disclaims any implied warranties, including the implied warranties of merchantability and fitness. Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on implied warranties so the above limitations or exclusions may not apply to you. To the extent any provision of this warranty is prohibited by federal, state or municipal law, which cannot be preempted, it shall not be applicable. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state and country to country.

### STOP – BEFORE YOU RETURN THIS PRODUCT TO THE STORE

Save on gas and avoid the trip back to the store. Contact our Customer Service/Technical Support representatives for information and trouble-shooting help at 1-866-726-1122 or visit our web site at [centerpointhunting.com](http://centerpointhunting.com).

### WARRANTY CLAIMS/ REPAIR SERVICE

If your product needs repair, DO NOT ATTEMPT TO DISASSEMBLE IT! Any disassembly or modification not performed by a Centerpoint Authorized Service Station will void the warranty.

**U.S. Customers** - Contact CenterPoint Customer Service -1-866-726-1122 or email us at [centerpointhunting.com](mailto:centerpointhunting.com). You will be instructed where and how to send your CenterPoint product in for repair/replacement under warranty or referred an authorized service center.

#### CenterPoint

Crosman Corporation  
Attn: Warranty Dept.  
7629 Route 5 & 20  
Bloomfield, NY 14469

Include with your product a copy of your receipt and a brief description of the problem. Be sure to indicate your name, mailing address, email address and telephone number. Allow 2-4 weeks for product repair/replacement. We recommend you use a method of shipping that provides you with a tracking number and insurance options. CenterPoint is not liable for any merchandise damaged, lost or stolen during shipping to and from CenterPoint.

**Canadian Customers** - Contact the Gravel Agency, in Quebec at 866- 662-4869.

**Outside U.S. Customers:** Please contact your point of purchase dealer/distributor. If you do not know your dealer/distributor, contact our International Dept. for assistance at 585-657-6161 or email us at [centerpointhunting.com](mailto:centerpointhunting.com).

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