

**PSE<sup>®</sup>**

**ARCHERY**

**COALITION  
CROSSBOW  
OWNER'S GUIDE**

**READ THESE INSTRUCTIONS CAREFULLY BEFORE  
OPERATING YOUR PSE CROSSBOW**



Thank you for purchasing your new PSE crossbow! With proper use and care your crossbow will provide years of enjoyment. Keep this manual with your crossbow for reference.

## LIMITED LIFETIME WARRANTY

PSE warrants every compound crossbow to be free of defects in material and workmanship for the period as defined below.

- 1) PSE crossbow stocks, metal prods and cams, if a manufacturer defect, will be replaced for the lifetime of the product.
- 2) Limbs, if defective, will be replaced at no charge for the first year, and a \$50.00 surcharge for the life of the product.
- 3) Evidence of mishandling, abuse or modification of the product or use of non-PSE replacement parts voids the warranty.
- 4) Cables, strings, cable slides, and vibration dampers are wearable items and are **not** covered by this warranty.

All warranty work will be performed by PSE or your local PSE Crossbow dealer or PSE.

PSE makes no other warranty claims whether expressed or implied. This warranty applies to the original owner only, and does not cover cables, strings, or vibration dampers.

**NOTE:** This manual covers only the PSE Coalition crossbow model. If this is the incorrect manual for your crossbow model, please contact PSE Customer Service.



## SAFETY

- 1) **ALWAYS** treat your crossbow as you would any weapon or firearm. It is a powerful weapon that can be deadly if mishandled.
- 2) **ALWAYS** keep your crossbow pointed in a safe direction. Never point your crossbow at anything you don't intend to shoot.
- 3) **NEVER** enter a vehicle with a loaded crossbow. Always uncock and properly stow your crossbow for transporting.
- 4) **ALWAYS** check your crossbow to make sure that it is in proper mechanical order. Check for damaged, worn, loose or missing parts.
- 5) **NEVER DRY FIRE YOUR CROSSBOW.** Firing the crossbow without a bolt will cause damage not only to the crossbow but possible bodily injury to you and anyone in the area. It also voids the warranty.
- 6) **DO NOT** make changes or alterations to any parts of this crossbow as it may cause an unsafe condition and will void the warranty.
- 7) **NEVER** release the safety on your crossbow until you are ready to shoot and are sure of your target.
- 8) **NEVER** shoot any bolt or other projectile from your crossbow that has not been recommended by PSE. Use only bolts of the proper size, weight and length.
- 9) **ALWAYS** keep your fingers and thumb out of the path of the string and cables while shooting your crossbow. Failure to do so will cause injury.
- 10) **ALWAYS** wear safety glasses when handling a crossbow.



## WARNING:

Use extreme caution while operating this weapon. Never run, crawl, ride a horse, operate an ATV, motorcycle or travel in a vehicle with a loaded crossbow. Accidental discharge could prove harmful or fatal.

## COALITION CROSSBOW COMPONENTS

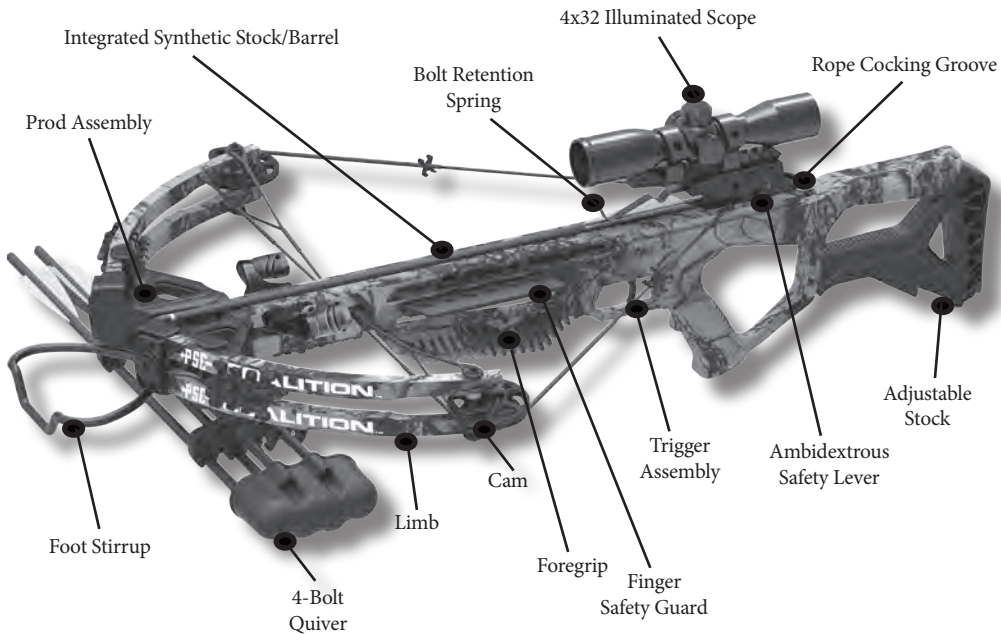


Fig. 1

Before assembling your crossbow (Fig. 1), please check to see if all crossbow parts are included: 1 - Prod, 1 - Stock, 3 - Crossbow Bolts, and 1 - Cocking rope (Fig. 1a), 1 - Prod Bolt, 2 - Allen Wrenches, 1 - Rail Lube (not shown), 1 - Quiver Mount, 1 - Foot Stirrup, and 1-Quiver (Fig. 2). If any of these parts are missing please contact PSE Customer Service.

Attach cable slide to the cables with the concave area facing up and the cables in the two grooves as shown. Fig. 2

Peel cover from the adhesive side of the Prod/Stock connection pad and attach it to the prod side of the joint. Fig 3a. Slide the Prod/Stock connection guard onto the rail. Fig 3b.

Connect the barrel and the riser by inserting the cable slide and cables into the slot on the barrel as shown in Fig. 4. Be sure the concave side is facing up to match with the contour on the inside of the barrel. NOTE: Prod WILL NOT be flush to the stock.

Push the cables into the track and position the riser for connection to the barrel using the prod bolt and washer and hex key provided. Tighten the center set screw to lock the barrel connector, in order to hold the riser in the correct position. As you tighten, the prod will become flush with the stock. Fig 5.

Squeeze the foot stirrup inserts and place them into the two holes on the front of the riser. Fig 6. Make sure the two grooves in the foot stirrup are facing towards the set screws used to secure the stirrup. (Inset)

**NOTE:** Cable damage **WILL** occur if you do not use the slide. Any damage incurred due to improper set-up will not be covered by your warranty.





Fig. 1a

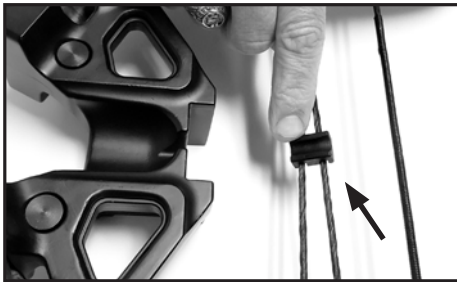


Fig. 2

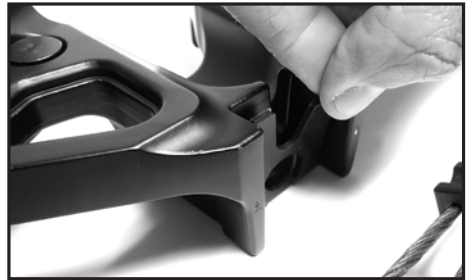


Fig. 3a

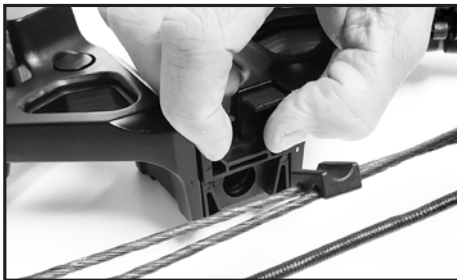


Fig. 3b



Fig. 4



Fig. 5

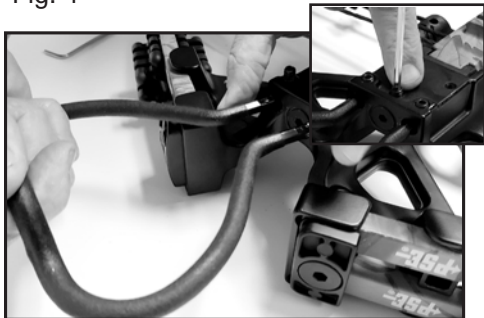
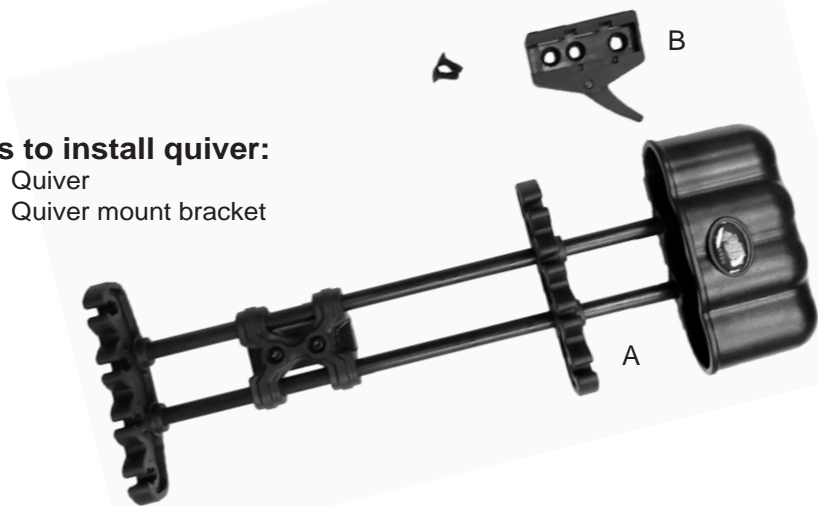


Fig. 6

## MOUNTING THE QUIVER

### Parts to install quiver:

- A. Quiver
- B. Quiver mount bracket



1. Attach the quiver mounting bracket onto the bottom side of the prod where you see the mounting holes in Fig. 7a. Tighten provided screws. Fig 7b.
2. Slide the quiver into the groove on the quiver bracket. Make sure the locking lever is in the open position. Fig. 8. Lock the quiver by turning the locking handle, you can unlock and remove the quiver by opening the locking handle.
3. To adjust the placement of the quiver, loosen the two screws in the center of the quiver, adjust to the right or left, and then tighten. Fig. 9.

## SCOPE INSTALLATION & SETUP

1. Slide the 4x32 scope (Fig. 10a) over rail mount. Tighten with included flat head screwdriver. Fig. 10b
2. Begin adjusting your scope by sighting your crossbow at the closest yardage from which you plan to hunt. Ex. 20 yards = top line of crosshairs.
3. Once you've established your closest range, progressively move back in yardage to determine the yardage points for the remaining lines in your crosshairs.
4. Because all of the sight lines move together, you will make adjustments based on your closest sight point by using the Windage (side) and Elevation (top) knobs.

See your PSE dealer for purchase of any additional scope options.

**NOTE:** SCOPE RETICLE & KNOB MAY VARY FROM MODEL TO MODEL. ALSO BE CAREFUL NOT TO MOVE THE SCOPE BASE WHEN MAKING YOUR ADJUSTMENTS.

Fig. 7a

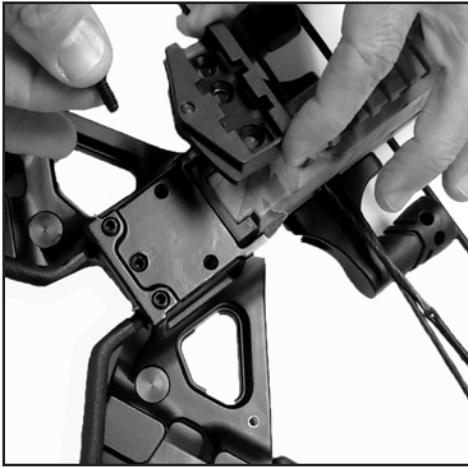


Fig. 7b



Fig. 8



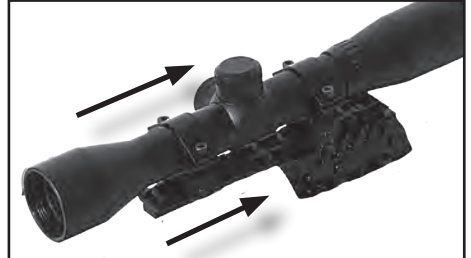
Fig. 9



Fig. 10a



Fig. 10b



## COCKING THE CROSSBOW



**DO NOT** cock or load your crossbow unless you are in a safe area to shoot.

1. Before cocking your crossbow, ensure the safety is in the "FIRE" position. If not, insert the crossbow bolt into the flight track (with the cock-vane facing down) - then slide it all the way back until the nock activates the anti-dry fire mechanism. Now, you can manually move the lever into the "FIRE" position. Remove crossbow bolt before cocking.
2. With the stirrup of the crossbow resting on the ground, place your foot well into the stirrup and lay the center of the auxilliary cocking rope under the shoulder of the grip stock just behind the scope rail. (Fig. 13 arrow) Set the auxilliary cocking rope hooks securely on the string facing down, on both sides of the rail. See Fig. 11. Pull straight up using the "T Handles" until the string is fully engaged. See Fig. 12. **DO NOT release the string completely until you are certain it is engaged.** If the trigger latch did not capture the string, lower the string gently and repeat steps 1 and 2.
3. When the crossbow is cocked, the safety is automatically in the "safe" position as shown in Fig. 13. Always check to ensure that the safety is into the "safe" position. Never assume that the safety is on!!

Fig. 11



Fig. 12



Fig. 13





## LOADING AND SHOOTING YOUR CROSSBOW

1. With the crossbow cocked and pointed safely down range, place a PSE brand crossbow bolt\* in the groove on top of the rail with the odd colored (cock vane) fletching down into the groove. See Fig. 14. Slide the bolt back into the string under the arrow retention spring until it makes complete contact with the string. (Audible click)  
The crossbow is now loaded. Handle with extreme care!
2. With the crossbow still pointed safely down range, place the butt of the stock on your shoulder with the front hand on the foregrip of the stock. **IMPORTANT: Keep your thumb and fingers well below the path of the string and cables. Also keep your eye at least 2 inches behind the rear sight or scope. Failure to follow these safety precautions can result in serious injury.**
3. Move the safety to the “fire” position by pushing it forward. See Fig. 15. Take careful aim and squeeze the trigger smoothly to fire the crossbow.

Fig. 14

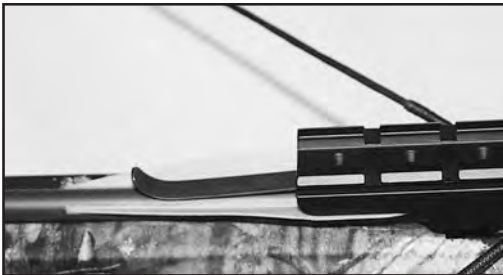


Fig. 15



\*20" carbon bolt with a half-moon nock recommended

## SHOULDER SLING INSTALLATION



**DO NOT** install your crossbow shoulder strap while crossbow is cocked/loaded.

1. Attach the end of the shoulder sling with the spacer/receiver clip onto the hole on the receiver bolt on the bottom of the stock. Align the sling anchor over spacer and tighten the mounting screw. Open swivel and slide clip through the anchor, and then tighten swivel into locking position. (Fig.16)
2. Attach the opposite end of the shoulder sling to the receiver hole at the bottom of the adjustable stock. (Fig.17)

Fig. 16



Fig. 17



## UNLOADING AND UNCOCKING

The safest way to unload and uncock a crossbow is to discharge a bolt into a target at close range or into soft dirt or sand. Be extremely careful since the bolt could ricochet. Using a crossbow bolt with a field point installed would be suitable for de-cocking purposes.

## NEVER DRY FIRE YOUR CROSSBOW!

Firing your crossbow without a bolt will damage the crossbow, possibly cause serious bodily harm and void the warranty.

## STRING REPLACEMENT

The string on your crossbow will wear down over time and must be replaced. If not properly cared for or replaced when necessary, your string can fail leading to accidental firing and serious injury.

**The string on your crossbow should be replaced every 500 shots or once a year, whichever comes first.**

Failure to do so will void your warranty.



## WARRANTY REGISTRATION

**NOTE:** Your product **MUST** be registered within 30 days of purchase in order to be warranted. You can use the card and mail it to PSE Archery (address below) or go online and register your product. [www.psearchery.com/registration](http://www.psearchery.com/registration) Have your data card that was attached to the bow or your serial number and a photo of your sales receipt ready.

Each PSE crossbow is backed by a limited lifetime warranty to the original owner if activated within 30 days of purchase. Product will be replaced or repaired to restore it to its original performance for the lifetime of the product. Cables, strings, or wearable items are not covered by this warranty. PSE reserves the right to determine the lifetime of the product.

Evidence of abuse, mishandling, misuse, or alteration to any PSE product voids any claim to warranty. PSE specifications on strings and cables must be adhered to. PSE cannot be held responsible for injury or product failure resulting from improper use or neglect of maintenance.

PSE makes no other claims either expressed or implied. In the interest of product improvement and consumer safety, PSE reserves the right to make changes in product design, color, and specifications without notice.



The serial number is located on the bottom of your Coalition crossbow between the stock and trigger assembly.

## MAIL-IN WARRANTY REGISTRATION

Fill out the form below completely, remove it, place in a stamped envelope and mail to:

**PSE WARRANTY REGISTRATION**  
P.O. Box 5487 Tucson, AZ 85703



SERIAL # OF BOW (SEE ABOVE FOR SERIAL # LOCATION) \_\_\_\_\_

BOW MODEL \_\_\_\_\_

DEALER NAME OR WHERE PURCHASED \_\_\_\_\_

YOUR NAME \_\_\_\_\_

YOUR ADDRESS \_\_\_\_\_ APT # \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

COUNTRY \_\_\_\_\_ EMAIL ADDRESS \_\_\_\_\_

DATE PURCHASED \_\_\_\_/\_\_\_\_/\_\_\_\_ PHONE ( \_\_\_\_ ) \_\_\_\_\_

# PSE CROSSBOW OWNER'S GUIDE

The screenshot shows the PSE Archery website interface. At the top left is the PSE Archery logo with the tagline "EXPERIENCE. PERFORMANCE." and a background image of a crossbow. Navigation links include HOME, ABOUT PSE, SUPPORT, MEDIA, PSE CLUTE STAFF, SCHOOLS, DEALER LOCATOR, BLOG, JOBS, and FACEBOOK. A shopping cart and account link are in the top right, along with a search bar. A left sidebar contains a navigation menu with categories like "Simple Crossbow", "Recurve Bow", "Longbows", "Bow Accessories", "Carbon Force Arrows", "PSE Gear", "Tools & Misc", and "List by Part Number". There is also an "Email Sign-up" section with a "SIGN UP" button. The main content area displays a grid of eight product listings, each with an image, title, price, availability status, a "VIEW DETAILS" button, and a "Reviews" link.

Product Name	Price	Availability
Charger Crossbow Bolts Flat Necks, Half Dozen	USD\$ 38.99	Item is available.
Charger Crossbow Half Moon Bolts, Half Dozen	USD\$ 38.99	Item is available.
Tac 12 Crossbow Arrows, Half Dozen	USD\$ 89.99	Item is available.
Tac 12 Crossbow Shafts, Half Dozen	USD\$ 84.99	Item is available.
Viper™ Crossbow Bolt 2216 Shaft, 17", 6 Pack	USD\$ 22.99	Item is available.
Viper™ Crossbow Bolt 2216 Shaft, 20", 6 Pack	USD\$ 22.99	Item is available.
Handheld Crossbow Bolts, 10 Pack	USD\$ 10.99	Item is available.
Tac™ Crossbow Case	USD\$ 89.99	Item is available.

Visit [www.pse-archery.com](http://www.pse-archery.com) to browse the latest PSE crossbow accessories.



Precision Shooting Equipment, Inc. P.O. Box 5487 Tucson, Arizona 85703

[www.pse-archery.com](http://www.pse-archery.com)

Coalition Manual  
rev. 12/21/2018