CROSSBOW OWNER’S GUIDE

READ THESE INSTRUCTIONS CAREFULLY BEFORE OPERATING YOUR PSE CROSSBOW

PRECISION SHOOTING EQUIPMENT, INC. • WWW.PSE-ARCHERY.COM
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
defective, will be replaced at no charge for the
lifetime of the product.
2) Limbs, if defective, will be replaced at no charge for the
first year, and at 50% of the replacement cost thereafter
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 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.

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

**NOTE:** This manual covers several different PSE crossbow
models. The particular model will be shown at the top of the
page if the instructions apply to that crossbow.

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**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 an arrow 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 arrow or other projectile from your
crossbow that has not been recommended by PSE. Use
only arrows 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 bow.

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**WARNING:**

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

Before shooting your crossbow, some basic assembly is required.

Mount prod to stock assembly. Clip the cable slide on top of the cables with one cable in each slot. (Fig. 1b) Place slide in the center of the prod. Slide cables and slide into cable slot of stock assembly with the string riding on top of the rail. Insert the prod into stock assembly as shown in (Fig. 2b). Install the stirrup and secure with the prod attachment screw (Fig. 3b). Tighten screw with the Allen key provided.

*On Copperhead and Reaper Models:* Place the stirrup into the front mounting holes of the prod assembly (Fig. 4) and tighten the set screws.

(A) Prod assembly*
(B) Cable slide (one)
   Left-Steel cables
   Right- Synthetic Cables
(C) Stirrup, screw and washers
(D) Fore-End (Stock assembly)
(E) Cocking strap
(F) Scope*
(G) Bolts (Arrows)
(H) Allen wrenches
(I) Set Screws*
(J) Sling*
(K) Quiver*
(L) Quiver mount*
(M) PSE Wax Stick*
(N) Safety glasses

*May vary from picture shown or may not be available on all models

Note: Figure 4 at left is for Copperhead and Reaper models only.
ENIGMA™ AND TOXIC™ MODELS
MOUNTING THE QUIVER

Parts to install quiver:
A. Quiver
B. Quiver mount bracket

Locate the two pre-installed screws on the side of the stock. Fig. 1
Remove these screws and install the bracket with the screws as shown in Fig.2
Slide the quiver into the quiver mount by sliding it into the end of the bracket. Fig.3

Note: The quiver can be installed in either direction.

COPPERHEAD™ AND REAPER™ MODELS
MOUNTING THE QUIVER

Parts to install quiver:
A. Quiver
B. Quiver mount bracket
C. Dovetail bracket
D. Backing plate
   (Reaper and Copperhead only)
E. Round head screws
F. Flathead screws
G. Allen key

Place backing plate (D) and QD bracket over two holes on underside of the prod (Fig. 1) and secure with the two flat head screws (which go through both the QD bracket and the backing plate) (F) with the Allen key provided. (G) Make sure the backing plate is under the QD bracket

(All models) Secure the dovetail bracket bracket (C) to the quiver (A) using the round head screws (E) with a Phillips screwdriver. (Fig. 2)
Mount the quiver mount bracket (B) to the underside of the prod assembly using flathead screws (F). Slide the the quiver into the mounting bracket (Fig. 4) and secure using the locking lever (Fig. 5)

Note: The quiver can be installed in either direction.
SMOKE™ MODEL
MOUNTING THE ACCESSORIES

**Tactical Flashlight**
*(included with Smoke™)*

*Fig. A: Flashlight components*

Place the two mounting clamps (3) around the flashlight (6)

Place the shorter screw (4) into the mounting brackets (3) as shown in (Fig. B). Place a nut into the opposite side of the bracket into the hexagonal hole and tighten until slightly snug. (Fig. C) Do not overtighten the screw.

Fit the longer screw into the plastic wing nut, (1) and slide the screw into the notched side of the mounting brackets. (3) (Fig. D) Fit a nut into the opposite side of the hexagonal hole of the bracket (Fig. E) and tighten the wing nut a few turns.

Mount the bracket (5) as shown (Fig. F) into the prod assembly of the crossbow using the two bolts provided. (7)

Mount the flashlight assembly onto the bracket (5) as shown (Fig. G) and tighten the screws on the clamps until secure. Do not over tighten the screws.

**Adjustable Stock**
*(included with Smoke™)*

*Fig. 1: Depress the lever*  
*Fig. 2: Slide the stock to your desired position*

**Optional Buttstock**
*(included with Smoke™)*

The Smoke includes a standard buttstock (Fig. 3) as well as a thicker buttstock for longer reach. To remove, depress the two clips on the inside of the buttstock and slide it out. Replace with the optional buttstock and slide it until it clicks snugly into place. (Fig. 4)

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MOUNTING THE SCOPE

Loosen screws on the scope rings (Fig.1) and mount the scope to the 7/8” dovetail scope rail. (Fig.2)

Set the scope on the scope rail in the desired position and secure the screws. (Fig 2)

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SETTING THE SAFETY

The safety lever (located on the side of the trigger assembly) is provided for your safety. Familiarize yourself with the correct position prior to use! The illustration below shows the correct position for safe and fire positions.
LOADING AND SHOOTING YOUR CROSSBOW

1. With the crossbow cocked and pointed safely down range, place an arrow of the correct size in the groove on top of the rail with the odd colored fletching down (into the groove). See Fig. 13. Slide the arrow back into the string under the arrow retention spring until it makes complete contact with the string. 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.** Keep your eye at least 2 inches behind the rear sight or scope.

3. Move the safety to the “fire” position by pushing it forward. Take careful aim and squeeze the trigger smoothly to fire the crossbow.

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COCKING THE CROSSBOW

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

1. Before cocking your crossbow, move the safety into the “fire” position by pushing it forward and pull the trigger to assure that the mechanism is ready to accept the string.

2. With the stirrup of the crossbow resting on the ground, place your foot well into the stirrup and lay the center of the auxiliary cocking rope under the shoulder of the grip stock just behind the scope rail (Fig. 1). Set the auxiliary cocking rope hooks securely on the string facing down, on both sides of the rail (Fig. 2). Pull straight up using the “T Handles” until the string is fully engaged. **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. Always check to ensure that the safety is into the “safe” position. Never assume that the safety is on!!

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Fig. 1 Fig. 2 Fig. 3

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Fig. 13 Fig. 14
UNLOADING AND UNCOCKING

The safest way for one person to unload and uncock a crossbow is to discharge an arrow into a target at close range or into soft dirt or sand. Be extremely careful if firing into the ground since the arrow could ricochet and cause damage to person or property. Using a crossbow bolt with a field point installed would be suitable for unloading purposes.

NEVER DRY FIRE YOUR CROSSBOW!

Doing so will damage the crossbow, possibly cause bodily harm and void the warranty.

Visit www.pse-archery.com to browse and purchase the latest PSE crossbow accessories.