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.

**PSE FANG™ HD SPECIFICATIONS**

** SPEED: Up to 405 FPS  
KINETIC ENERGY: 134 FT LBS  
DRAW WEIGHT: 205 LBS  
MASS WEIGHT: 7.3 LBS  
POWER STROKE: 14.5”  
AXLE-TO-AXLE: 18”  
LENGTH: 35 ½”  
TRIGGER: AUTO SAFETY & ADF

**The speed rating for the Fang HD crossbow was taken using a 370 grain crossbow bolt. The package though will include 400 grain bolts.**

Your Fang HD crossbow comes with the Pro Package which includes the following items:

- HDV-425 1.5-5X32 VARIABLE ZOOM ILLUMINATED RETICLE SCOPE
- ADJUSTABLE BUTTSTOCK
- FOOT STIRRUP
- LIMB DAMPENERS & STRING SUPPRESSORS
- 5-BOLT HUNTER LT QUIVER
- 3-22” THUNDER BOLTZ (400 GRAINS WITH BULLET POINTS)
- DUAL STRING STOPS
- RAIL LUBE
- PSE SLED COCKING WINCH DEVICE

**LIMITED LIFETIME WARRANTY**

PSE warranties 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 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.

**NOTE:** This manual covers only the Fang HD 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.

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
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WARRANTY

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 Fang HD crossbow model. If this is the incorrect manual for your crossbow model, please contact PSE Customer Service.

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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.

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
Before assembling your crossbow (Fig. 1), please check to see if all crossbow parts are included: 1-Prod Assembly, 1-Stock, 3-Crossbow Bolts, 1-Scope, (Fig. 1a) 1-Sled Winch Cocking Device, 1-Prod Bolt, 2-Allen Wrenches, 1 Prod/Stock Connection Guard w/ adhesive pad, 1-Cable slide, 1-Foot Stirrup w/set screws, 1-Quiver, 1-Quiver Mount w/screws and 1-Rail Lube (not shown). 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 prod. Fig 3b.

Connect the prod and the stock by inserting the cable slide* and cables into the slot on the front of the stock 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 prod for connection to the stock using the prod bolt and hex key provided. As you tighten prod bolt, the prod will become flush with the stock. Fig 5.

Install and tighten the center set screw to lock in prod bolt. Insert the foot stirrup into the two holes on the front of the prod. Make sure the two grooves in the foot stirrup are facing towards the set screws used to secure the stirrup. (Inset) Tighten set foot stirrup set screws. Fig 6.

* 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.
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SCOPE INSTALLATION & SETUP

1. Slide the scope (Fig. 10a) over rail mount. Tighten with included hex wrench. 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.

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

Step 1: Ensure that the safety switch is in the “FIRE” position before attempting to cock the crossbow. If the safety switch is in the “ON SAFE” position you will need to load a crossbow bolt into trigger mechanism (with bow un-cocked) to disengage the anti-dry fire switch allowing the safety to move forward. Remove crossbow bolt before cocking.

Step 2: With the crossbow pointing downwards and the foot stirrup making contact with the ground, place the Sled Winch cocking device into the hole located on top of the stock just in front of the adjustable buttstock. (FIG. A)

Step 3: Place one foot in the foot stirrup so the crossbow is secure against the ground. Press the release button with one hand while pulling the cocking sled with the other hand toward the bowstring. (FIG. B)

Step 4: Place the cocking sled over the bow string so that both protruding catches on bottom of sled capture the string. Turn the crank wheels slightly to put tension on the draw cord to ensure the sled holds firmly on the bowstring (FIG. C)

Step 5: Attach crank handle to either side of the cocking winch for right or left handed use. Line up silver pin on crank handle with one of the small holes on the crank wheel and make sure handle is installed firmly so it will not slip off during cranking. (FIG. D)

Step 6: Start cranking clockwise while holding the butt stock with the other hand. Make sure to use a controlled, smooth motion. Once you hear the audible click of the safety moving into the “Safe” position and the string latch is activated, stop turning the crank handle. The crossbow is now fully cocked. (FIG. E)

Step 7: While applying slight pressure on the crank handle, press the release button and turn the crank handle counter-clockwise until the sled clears the front of the scope rail. Then, remove the cocking winch device from the crossbow. (FIG. F)

WARNING: Do not use this cocking device to uncock your crossbow as it may cause you serious injury or damage to the crossbow. Decocking devices may be purchased separately. Never attempt to shoot the crossbow with the cocking device attached. To avoid serious injury, never place your foot or other parts of your body in the path of the bowstring while cocking. Always inspect the cocking rope for worn or damaged parts before use. If worn or damaged, do not use the cocking device. Use of a damaged rope cocking device could lead to serious injury or death. You may purchase replacement cocking devices at your PSE Archery dealer. Visit www.pse-archery.com/dealer-locator to find your nearest PSE dealer.
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LOADING AND SHOOTING YOUR CROSSBOW

1. With the crossbow cocked and pointed safely down range, place a bolt of the correct size in the groove on top of the rail with the odd colored 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. 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.

ATTENTION!!!
IT IS REQUIRED THAT YOU ONLY USE PSE-BRANDED CROSSBOW BOLTS WITH HALF-MOON NOCKS.
DO NOT USE FLAT NOCKS, CAPTURE NOCKS, OR OMNI NOCKS
FOR MORE INFORMATION ON THRIVE ASSEMBLY AND OPERATION, GO TO WWE.PSEARCHERY.COM/THRIVE400

LOADING AND SHOOTING YOUR CROSSBOW (CONTINUED)

CORRECT LOADING

Your PSE crossbow can only be fired safely if the cock vane is loaded correctly. Failure to do so can result in a dry fire, crossbow damage, or serious injury to you or others.

CORRECT!

INCORRECT!

The cock vane (odd colored vane) should be placed down and inside the barrel. The nock should be oriented 90 degrees to the direction of the cock vane.

If the cock vane is not the down inside position, the string may travel over the nock and result in a dry-fire.
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PROPER SHOOTING TECHNIQUE
When shooting it is important to adhere to proper form and technique. Failure to do so can result in severe injury or amputation.

DANGER!!! STOP!!
INCORRECT FORM - FINGERS ABOVE BARREL!

DANGER!!! STOP!!
INCORRECT FORM - THUMB ABOVE BARREL!

DANGER!!! STOP!!
INCORRECT FORM - THUMB OR FINGERS BEHIND FOREGRIP & ABOVE BARREL!

CORRECT!
CORRECT FORM - YOUR HAND IS SECURELY GRIPPING THE FOREGRIP, WITH YOUR FINGERS AND THUMB BELOW THE BARREL AND THE PATH OF THE BOWSTRING. GREAT JOB!

YOU ARE NOW READY TO AIM AT YOUR TARGET AND SHOOT!

WARNING: MAKE SURE THAT YOUR HAND, FINGERS, AND THUMB REMAIN BELOW THE STRING AND BARREL SURFACE WHEN THE CROSSBOW IS LOADED. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY, INCLUDING AMPUTATION.

Crossbow model is shown is for illustration purposes only.
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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 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.
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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)

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

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

Fang HD Pro Package Manual
rev. 4/1/2019