

XPEDITION ARCHERY

Instructions & Safety Manual

XPEDITE 420™ XTRACTION 400™



Read and follow all safety warnings and instructions in this manual.

Retain instructions and safety manual for future reference.

XPEDITION ARCHERY

Congratulations!

You have just purchased an Xpedition Xpedite 420™ or Xtraction 400™.

Before assembling and operating your crossbow it is essential that you read the entirety of the Owner's manual.

Xpedite 420™



Xtraction 400™



WARNINGS



Never dry fire (discharging your crossbow without a bolt) your crossbow. Dry firing your crossbow will result in damage to the crossbow and potential injury. If your crossbow is dry fired contact Xpedition Archery's customer service department for assistance.



Never allow your foregrip hands, fingers, or thumb to move above the finger guards or into the bowstring or cables release path. Keep your hand and fingers in a safe position every time you shoot the crossbow.



Never attempt to de-cock your crossbow with the mechanical cranking device nor the rope cocking device. Once cocked, the crossbow must be discharged by firing the crossbow with a recommended bolt.



Never shoot your crossbow with a bolt that weighs less than a total of 380 grains.



Bolts designed for crossbows must be used. These bolts can be 20" or 22" in length and must be equipped with either clip-on or half-moon style nocks.



Always wear proper footwear while operating your crossbow. Never wear open toed shoes i.e. slippers, flip flops, sandals, etc while attempting to cock your crossbow.



SAFETY INSTRUCTIONS

- Always make sure the risers bolts/screws are securely tightened before using
- Never allow your fingers or thumb to move above the rail's flight deck and keep out of the path of cables and strings while holding the fore-grip
- Never dry-fire the crossbow. Shooting without a crossbow bolt is damaging to the crossbow. Dry firing will void the warranty and can result in damage to the limbs, string and cables possibly causing personal injury
- Always inspect the crossbow equipment for worn, loose, damaged or missing parts. Replace if any missing, fraying or damaged parts are observed or suspected
- Always point your crossbow in a safe direction and keep the crossbow out of the reach of children
- Do not remove or deactivate your crossbow's safety features or accessories, potentially rendering the crossbow dangerous to you or others - this will void warranty
- Replace strings and cables if visible signs of fraying or broken strands are evident
- Do not transport or store your crossbow while it is cocked or loaded
- Do not attempt to use your crossbow under the influence of alcohol, prescription or non-prescription drugs
- Always use suitable crossbow bolts/arrows. Bolts/arrows of improper stiffness or mass weight may damage the limb and cable assembly voiding the warranty and possibly causing personal injury
- When loading the bolt, keep hands in front of string stop

CROSSBOW ASSEMBLY

1 Attach cable slide as shown. The “U” shaped side of the cable slide should be facing upward and the two smaller grooves (one deep, one shallow) should be facing downward toward the cables. Ensure that the deep groove of the cable slide faces towards the bow front and the shallow groove faces the bow back. (Figure 1A) The cable that crosses over top of the other cable will go in the deep groove of the slide. The cable below will go in the shallow groove of the slide. Move the cable side into place ensuring that the cables cross to the left of the cable slide (Figure 1B)

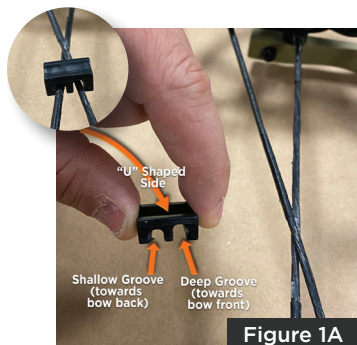


Figure 1A

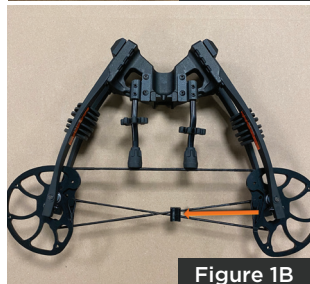


Figure 1B

2 Lubricate and insert the cable slide under the rail while keeping the crossbow string on top of the rail. The “U” shaped top of the cable slide will ride along the bottom of the rail. With the slide under the rail and the string on top of the rail, push the rail forward to mate with the front of the crossbow until they are fully seated together. (Figure 2A & 2B)

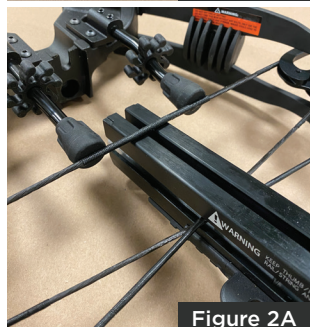


Figure 2A



Figure 2B

CROSSBOW ASSEMBLY

3

Attach the riser by using the included hardware.

Xpedite 420™: Attach using the 5/16-18 x 2 Socket Head Screw, flat washer, lock washer and 1/4-20 set screw.

Insert the 5/16-16 Socket Head Screw with flat washer and lock washer through the stirrup, then through the riser of the crossbow and thread into the connected rail. When the socket head screw is tightened fully, tighten the 1/4-20 set screw into the socket head screw. This ensures the socket head screw will not come loose.

(Figure 3A & 3B)

Xtraction 400™: Attach using the 5/16-18 x 1.75 Button Head Screw, flat washer, lock washer and 1/4-20 set screw.

Insert the 5/16-16 Button Head Screw with flat washer and lock washer through the riser of the crossbow and thread into the connected rail. When the button head screw is tightened fully, tighten the 1/4-20 set screw into the button head screw. This ensures the button head screw will not come loose.

(Figure 3C & 3D)

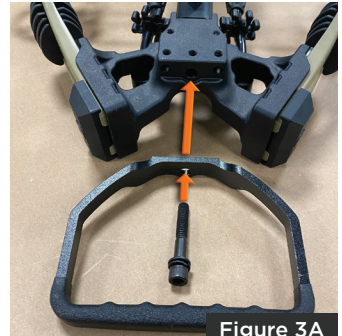


Figure 3A

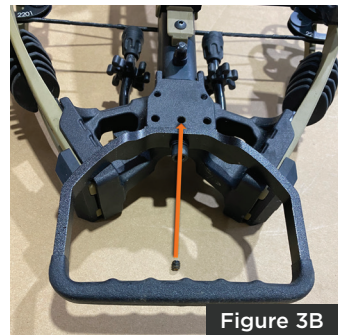


Figure 3B

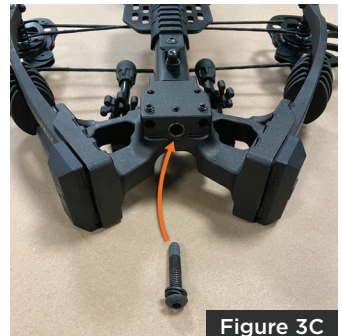


Figure 3C

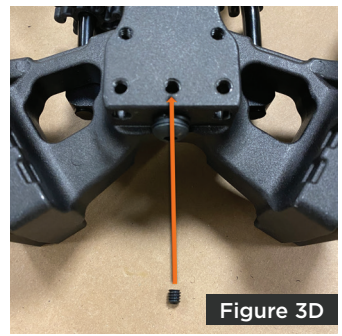


Figure 3D

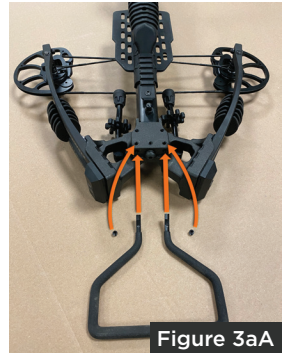
6



CROSSBOW ASSEMBLY

3a

For Xtraction 400™ Only: Insert the foot stirrup into the two designated holes in the front of the bow riser with the angled portion of the foot stirrup facing downward. Once fully seated, install, and tighten the supplied 1/4-20 set screws to lock the stirrup in place. (Figure 3aA)



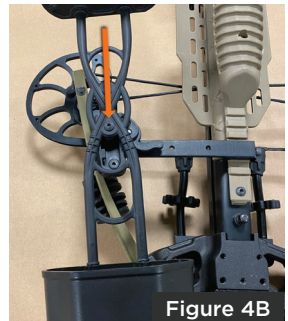
4

Attaching the quiver mounting hardware and quiver.

Xpedite 420™: Attach and tighten the screw of the quiver mounting adapter to the picatinny rail on the bottom of the crossbow. (Figure 4A)



Slide the quiver onto the quiver mounting bracket and lock quiver into place. (Figure 4B)



Xtraction 400™: Attach and tighten the 2 screws of the quiver mounting adapter to the picatinny rail on the bottom of the crossbow. (Figure 4C)

Attach the quiver mounting bracket using the quiver mounting hardware. (Figure 4D)

Slide the quiver onto the quiver mounting bracket and lock quiver into place. (Figure 4E)



CROSSBOW ASSEMBLY

5

Position the scope by moving it forward and backward on the scope rail until the proper eye relief is found. This is typically 3" to 4" from your eye to the eyepiece when you are holding the crossbow in the shooting position. Attach the scope to the scope rail by using a coin or flathead screwdriver. (Figure 5A & 5B)



Watch full Xpedite 420™
assembly here



Watch full Xtraction 400™
assembly here



CROSSBOW OPERATION

1

Using the rope cocker

- a. Be sure to apply the string lubrication/rail lube to the string including the center serving, cables and the flight track before cocking.
- b. **MAKE SURE THE TRIGGERS SAFETY IS IN THE "FIRE" POSITION BEFORE COCKING YOUR CROSSBOW**, otherwise the string latch will not engage or hold the bowstring.
- c. Set the stirrup on the ground with one foot in the stirrup and the stock resting against your thigh.
- d. With the rope cocker in one hand, grab the section of rope that is between the rollers of the sled with your other hand. Pull that section of rope so that the handles of the cocker move toward the sled. One hand should be holding the sled and handles, the other hand should have a loop of rope. (Figure 1d)
- e. With the loop of rope you just created, hook that loop into the rope groove molded into the stock, behind the scope. **DO NOT HOOK ROPE TO THE BACK OF THE TRIGGER BOX OR SCOPE.** (Figure 1e)



Figure 1d



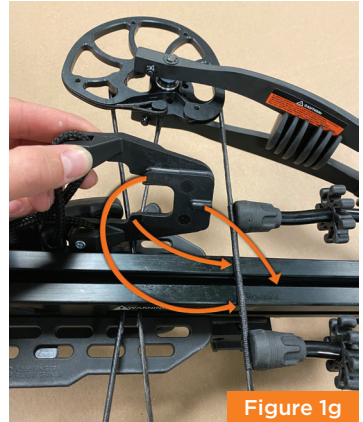
Figure 1e

CROSSBOW OPERATION

1

Using the rope cocker (*cont'd*)

- f. With the rope placed in the rope groove, bring the sled and handles to the front of the bow, toward the string. The scope and rail will be between the ropes of the cocker.
- g. Place the hooks of the sled onto the string with the small built-in guide placed into the rail of the crossbow in front of the string. (*Figure 1g*)
- h. Using the rope cocker handles, pull with even force until the string locks into the trigger mechanism. There will be an audible click and the safety will automatically switch to the safe position. (*Figure 1h*)
- i. **DO NOT USE YOUR HANDS OR THE ROPE COCKER TO DECOCK YOUR CROSSBOW**



Watch how to use
the rope cocker



Watch how to use
the mechanical
cranking device



CROSSBOW OPERATION

2

Using the mechanical crossbow cranking device.

- a. Be sure to apply the string lubrication/rail lube to the string including the center serving, cables and the flight track before cocking.
- b. **MAKE SURE THE TRIGGERS SAFETY IS IN THE “FIRE” POSITION BEFORE COCKING YOUR CROSSBOW**, otherwise the string latch will not engage or hold the bowstring.
- c. Insert the post located on the bottom of the mechanical cranking device into the designated hole found in the top side of the stock behind the scope/trigger box. Ensure the pawl faces the rear of the crossbow. (Figure 2c)
- d. Set the stirrup on the ground with one foot in the stirrup and the stock resting against your thigh. Depress and hold the safety pawl and pull the crank sled and rope over the scope to the string. (Figure 2d)
- e. Place the hooks on the sled onto the string with the small built-in guide placed into the rail of the crossbow in front of the string. (Figure 2e)
- f. Turn the handle of the mechanical cranking device until the string locks into the trigger mechanism. There will be an audible click and the safety will automatically switch to the safe position. (Figure 2f)



Figure 2c



Figure 2d

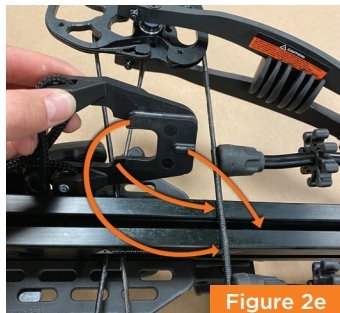


Figure 2e



Figure 2f

CROSSBOW OPERATION

3

Loading the bolt

Place the bolt on top of the rail with the index vane (odd color vane) in the flight groove. Slide the bolt along the rail under the retention spring and fully seat the bolt onto the string. There will be an audible click when the clip-on nock clips onto the string. (*Figure 3a & 3b*)

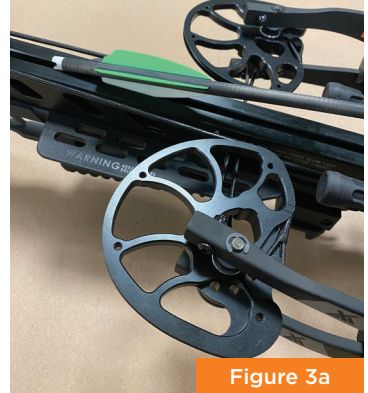


Figure 3a



Figure 3b

MAINTENANCE & CARE

STORAGE/TRANSPORTATION

- a. Always store your crossbow in a cool, dry place. Do not expose your crossbow to excessive heat. This includes leaving your crossbow in an automobile trunk for long periods of time.
- b. Never leave your crossbow cocked for long periods of time.
- c. When transporting your crossbow, abide by all fish and game laws pertaining to the area you reside in. Xpedition Archery recommends always transporting your crossbow in a crossbow case.

STRINGS AND CABLES

- a. Apply String Wax/Rail lube every 5-10 shots. Rail lube can be “smeared” along the crossbow rail from the crossbow string to the trigger box. Rail lube reduces friction put onto the string and increasing the longevity of the string.
- b. Apply String Wax/Rail Lube liberally to all non-served portions of the crossbow’s strings and cables.

WARRANTY INFORMATION

Subject to the terms, conditions, and limitations outlines below. We guarantee 1 year warranty service to the original purchaser for our crossbows against defects in materials and workmanship that adversely affect the crossbows operation. The purchaser of the crossbow must register their crossbow within 30 days of purchase for the warranty to be valid. Warranties are non-transferrable. Crossbow strings, cables, cable slides, sleeve bushings, bearings, cosmetic appearance, and component parts and those which are subject to a variety of conditions in normal use and considered to be consumable parts will not be covered under warranty.

LIMITED WARRANTY WILL BE VOID IF ANY OF THE FOLLOWING OCCUR:

- Damage is caused by dry-firing or by using underweight arrows/bolts
- The instructions in the owner's manual are not followed
- The crossbow or any part of its parts or accessories are altered from their original state
- The crossbow has not been maintained properly
- Failure or damage was caused by improper calibration or by abnormal use

WARRANTY CLAIMS

Contact Xpedition Archery Customer Service Department at 844-263-3665 or warranty@xpeditionarchery.com for all warranty claims. Xpedition Archery will provide a return merchandise authorization (RMA) number before any product is returned. Product sent without an RMA will not be processed. Attached to the product, please provide your name, address, phone number, email, and a brief description of the issue with the product. Package and return the product with transportation charges pre-paid to Xpedition Archery. All accessories items must be removed from the crossbow prior to shipping. If determined warranty, Xpedition Archery will either fix or replace necessary items.

Warranty registration must be mailed within 30 days of purchase to validate the warranty. Registration can be mailed or completed electronically here:



Customer

Contact Info: _____

Model Number/Name: _____

Serial Number: _____

Price Paid: _____

Date of Purchase: _____

Purchaser's Name: _____

Address: _____

City: _____

State: _____

Zip Code: _____

Email: _____

Phone: _____

Mail to:

Xpedition Crossbows, P.O. Box 260, Decorah, IA 52101

XPEDITION ARCHERY

*Thank you for
purchasing from
Xpedition Crossbows!*

Instructions & Safety Manual

***XPEDITE 420™
XTRACTION 400™***