

# ACUSLIDE SERIES OWNER'S MANUAL



FOR ALL ACUSLIDE SERIES CROSSBOW MODELS MANUFACTURED BY

# TENPOINT CROSSBOW TECHNOLOGIES® ACUSLIDE SERIES OWNER'S MANUAL

TO REDUCE YOUR RISK OF SERIOUS INJURY, YOU MUST READ, WATCH, AND FOLLOW ALL WRITTEN AND VIDEO WARNINGS AND INSTRUCTIONS PROVIDED WITH THIS PRODUCT. IF YOU HAVE ANY QUESTIONS OR ARE UNSURE ABOUT ANYTHING IN THE WARNINGS AND INSTRUCTIONS, STOP AND CONTACT THE CUSTOMER SERVICE DEPARTMENT AT 330-628-9245.



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www.tenpointcrossbows.com

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#### INTRODUCTION

First and foremost, thank you for trusting us with your crossbow purchase and welcome to the TenPoint family. If you have not already done so, please visit tenpointcrossbows.com/warranty-registration/ or scan the QR code with your smartphone and complete your crossbow registration.

Regardless of your crossbow experience, you must carefully read and follow the warnings and instructions set forth in this manual before assembling, cocking, loading, or shooting your crossbow. In addition, you should view the **Owner's** Instructional Videos for visual demonstrations and additional information. You can find the videos on our website at: tenpointcrossbows.com/instructional-videos/.

Modern crossbows, like firearms or any lethal weapon, can cause serious bodily injury – including death – if you handle them improperly or unsafely. Crossbows should be treated with the same care and safety as firearms. It is necessary, therefore, that you study and follow the **SAFETY** sections of this manual before reading the operating instructions. You will pose a danger to yourself and to those around you if you are either unaware of the rules of safe operation or if you lose focus of them while hunting or shooting. As a hunter or recreational shooter your goal should be to follow these safety practices every time you pick up your crossbow.

If any part of this manual is unclear, or if you have any questions about the safe use of the crossbow, contact a Customer Service Representative at 330-628-9245 for assistance. After thoroughly reading and understanding this material, save this manual for future reference.

#### FORMAT NOTE:

We reference some of the safety instructions multiple times in this manual. The hand-safety instructions, for example, apply when you cock, load, unload, carry, and shoot your crossbow, so we reference them by title and page number where we believe it is important to remind you to read them.

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#### SAFETY

The use of a crossbow requires considerable skill and should be treated with caution to avoid injury to persons and/ or property. Crossbows should only be used by those who are properly trained in safety or under the supervision of a qualified instructor. You must follow all written and video safety warnings and instructions provided with this product.

#### HAND AND FINGER SAFETY

By the inherent nature of the crossbow design, the bowstring travels along the path of the crossbow stock at a high speed. The bowstring is a high-energy device and moves with such force it can cause significant injury if it contacts any part of the body during release. To avoid serious injury, you MUST keep all parts of the body away from the path of the bowstring and cables. Placing your hands, fingers, thumbs, or other body parts in the path of the crossbow string or cables may cause serious injury. NEVER place any part of your body into the travel path of the crossbow string or cables.

#### **▲** DANGER

• When you shoulder your crossbow to shoot, keep your fore-grip hand squarely on the fore-grip, and under the safety wings as shown in photos 1-2. Avoid sliding the hand in front of or behind the safety wings (photos 3-4) and avoid allowing that hand's thumb or fingers to move above the barrel's flight deck and into the path of the bowstring's release path (photo 5). Failure to follow proper technique could result in a severe injury or amputation to any portion of your hand or body that is in the path of the bowstring upon release.



PROPER HAND POSITION.
Proper way to hold the fore-grip for a right-handed shooter.



PROPER HAND POSITION.
Proper way to hold the fore-grip for a
left-handed shooter.



IMPROPER HAND POSITION.
With your fore-grip hand positioned as shown, you will severely injure or amputate your thumb if you fire your crasshow.



IMPROPER HAND POSITION.
With your fore-grip hand positioned
as shown, you will severely injure or
amputate your thumb if you fire your
crosshow.



IMPROPER HAND POSITION.
With your fore-grip hand positioned as shown, you will severely injure or amputate your thumb and/or finger(s) if you fire your crossbow.

Injury may occur while using a bench rest. Avoid allowing your fore-grip hand to rotate to the side of the grip/safety wings, thereby permitting your thumb and/or fingers to move above the flight deck and into the bowstring's release path (photos 6-7). Failure to follow proper technique could result in a severe injury or amputation to any portion of your hand or body that is in the path of the bowstring upon release. See photo 8 for proper hand position.



IMPROPER HAND POSITION.
With your fore-grip rotated to the side of and/or above the grip/safety wings, you will expose your thumb to the bowstring's release path.



IMPROPER HAND POSITION.
With your fore-grip hand positioned on top of the grip, you will severely injure or amputate your thumb and/or finger(s) if you fire your crossbow.



PROPER HAND POSITION.
With your fore-grip hand flat on the
on the bench rest you can position
the grip in the "V" between your
fingers and thumb.

#### **▲WARNING**

 Never place any body part, for any reason, in the path of the bowstring. Do not hold, carry, or hand a cocked crossbow to someone by grasping the barrel or fore-stock inside the bowstring's release path (photo 9).



IMPROPER HAND POSITION. Do not grab or hold it by the barrel and fore-stock.







 When loading an arrow, hold it just behind the broadhead or field point with both your index and middle finger and your thumb. Then slide the nock end of the shaft under the arrow retention brush and into the string slot. This technique keeps your fingers and thumb out of the bowstring's release path and helps prevent serious injury or amputation if the crossbow were to unintentionally fire (photos 10-11).



PROPER HAND POSITION.
Hold the arrow with your index and middle finger and your thumb just behind the broadhead.



IMPROPER HAND POSITION.
With your hand positioned as shown,
you will severely injure your hand
and/or fingers if the crossbow were
to unintentionally fire.

#### TRIGGER AND TRIGGER-SAFETY PROTOCOL

Safety protocol for crossbow triggers and their safeties is similar to the safety protocol required when using firearms. Because triggers and their safeties are mechanical devices, they are subject to failure due to a number of causes such as abuse, misuse, tampering, wear and tear, neglect, operator error, loss of focus, and other causes. Never rely upon a mechanical device for safety.

The only safe approach to using a trigger is to assume that whenever you place your finger on it, it will fire.

#### **▲WARNING**

The most important safety rule relating to the handling of the trigger is to keep your finger off the trigger until you are ready to take a shot. Likewise, you should never disengage the trigger-safety (move it to the FIRE (red) position) until you are ready to take a shot. Instead, when shouldering your crossbow or holding the grip, keep your finger off the trigger and on the stock right above the trigger while pointing it toward the front of the crossbow (photo 12). This practice will help prevent you from accidentally discharging your crossbow and potentially causing serious injury or death to yourself or others.



Position finger on the side of the stock.

 Do not attempt to pull (pre-load) the trigger to test whether your safety is working. Always treat a crossbow as if it could shoot at any time upon the pulling of a trigger. Pulling the trigger could fire the crossbow and cause serious personal injury or loss of life.

#### TRIGGER SAFETY

#### **▲WARNING**

- Pull the trigger only to fire the crossbow.
- Never pull the trigger unless you intend to fire the crossbow.
- Manipulating the trigger is a bad practice.
- · Never partially pull the trigger.
- Visually verify your safety has moved into the Safe (white) position when you cock the crossbow.

#### **GENERAL SAFETY**

#### NOTICE

- It is your responsibility to read and follow the written and video
  warnings and instructions provided and ensure that any other
  users also follow these warnings and instructions. Keep and
  maintain your Owner's Manuals with your crossbow and
  make certain you provide them to whomever you loan or sell
  your crossbow.
- Take a hunter's education and safety course prior to hunting so that you understand all of the risks involved. In fact, most states require that you complete such a course before receiving your hunting license.
- Check your local, state, or provincial hunting regulations and regulations regarding use and transporting a crossbow. Make sure your crossbow hunt follows the laws of the location in which you are hunting. Some jurisdictions require that a crossbow be encased during transport.

#### **▲WARNING**

- Wear safety glasses when assembling, servicing, cocking, loading and shooting your crossbow to protect against loss or injury to your eyes from any number of causes such as, but not limited to, broken bow limbs, cables, bowstrings, or cocking device strap.
- Your crossbow is a dangerous and deadly weapon designed for hunting and target shooting. Do not use it for any other purpose.
- Always treat your crossbow with the respect due any sporting arm. Treat every crossbow as if it were loaded. It can be dangerous or deadly if mishandled.
- Always point the crossbow in a safe direction.
- Always know your target and what is beyond it. Never shoot at a target on the horizon if you don't know what is on the other side.
- Before each shooting session, inspect your crossbow equipment for worn, loose, damaged, or missing parts. Inspect the cables and crossbow string for signs of fraying or broken strands.
   Replace if any missing, lost, or damaged parts are observed or suspected. Do not use the crossbow if these parts are missing or damaged.

- When carrying or transporting a cocked (always unloaded) crossbow, make sure the safety is in the SAFE (white) position. To avoid serious injury, be careful not to place any part of your body in the release path of the bowstring in case of an accidental discharge.
- Prior to using your crossbow, you should watch and follow the Owner's Instructional Videos at tenpointcrossbows.com/instructional-videos/ and read and follow the Hand and Finger Safety (page 3), Trigger and Trigger-Safety Protocol (page 4), Cocking Your Crossbow (page 6), Loading and Unloading Your Crossbow (page 7), De-Cocking Your Crossbow (page 8), Sighting In Your Crossbow (page 10), Shooting Your Crossbow (page 11), Treestand Safety (page 12), and Arrow Requirements and Safety (page 13) sections of this manual. Failure to follow the warnings and instructions may result in property damage and/or serious personal injury or loss of life.
- Never dry-fire your crossbow. Shooting without an arrow is damaging to the crossbow and could cause serious personal injury. In the event of a dry-fire, the crossbow must be inspected by an authorized dealer or by TenPoint Crossbow Technologies before being re-cocked or shot.
- Always make sure the arrow is fully seated in the furthest back position to reduce the possibility of a dry-fire.
- Always shoot arrows of the recommended weight, diameter, length, and nock style for your particular crossbow model.
- Failure to use the correct type of arrow could lead to serious injury or death.
- Never attempt to shoot any projectile other than arrows specifically designed for use in your particular crossbow model.
- Do not leave your crossbow cocked for extended periods of time.
- Seek a doctor's advice if you take medication to be sure you
  are able to shoot and handle a crossbow safely. Do not consume
  alcohol or performance impairing drugs before or while using your
  crossbow. Impaired vision, motor skills and/or judgement could
  lead to accidents that can cause serious personal injury or loss of
  life.
- Do not modify your crossbow or remove or deactivate its safety features. In addition to voiding your warranty, making modifications may make your crossbow dangerous or may cause serious property damage or personal injury, including loss of life.

# **OUT-OF-THE-BOX ASSEMBLY**

ACUslide Series crossbows, both reverse-draw and forward draw models, need minimal assembly prior to their first use. Installation of the scope, string stop block (reverse-draw models), and stirrup is required.

\*ONLY TENPOINT OR AN AUTHORIZED SERVICE CENTER IS AUTHORIZED TO DISASSEMBLE/REASSEMBLE ACUSLIDE SERIES CROSSBOWS.

#### Mounting the Scope

 Attach the scope and rings to the dovetail mount in the desired position (photo 13).

**NOTE:** Most ACUslide Series crossbow users will prefer mounting the scope toward the front of the dovetail, in either the most forward slot or the one directly behind it.



Install the scope

# Installing the String Stop Block with Foot Stirrup (reverse-draw crossbows)

- Align the string stop block against the front end of the barrel/rail and the rubber dampeners against the bowstring.
- Insert the assembly bolt thru the lock-washer, flat washer, and string stop block (photo 14). Use a 5/32<sup>nd</sup>-inch Allen wrench to tighten.



Install the string stop block & washers.

#### Installing the Foot Stirrup (forward draw crossbows)

- Insert the stirrup in the two holes at the front of the riser.
- Use a 1/8<sup>th</sup>-inch Allen wrench in the holes in the bottom of the riser to secure the stirrup (photo 15).



Install the foot stirrup.







#### COCKING YOUR CROSSBOW

#### **COCKING SAFETY**

#### NOTICE

 Do not attempt to manually cock your ACUslide Series crossbow, the bow assemblies are too narrow to cock manually. You will pinch your fingers and possibly injure them because the bowstring angle becomes too acute when cocked.

#### **▲WARNING**

Prior to cocking your crossbow, you should watch and follow the Owner's Instructional Videos at tenpointcrossbows.com/instructional-videos/ and read and follow the Hand and Finger Safety (page 3), Trigger and Trigger-Safety Protocol (page 4), Cocking Your Crossbow (page 6), Loading and Unloading Your Crossbow (page 7), Sighting In Your Crossbow (page 10), Shooting Your Crossbow (page 11), Treestand Safety (page 12), and Arrow Requirements and Safety (page 13) sections of this manual. Failure to follow the warnings and instructions may result in property damage and/or serious personal injury or loss of life.

#### **ACUSLIDE COCKING INSTRUCTIONS**

 Press down on the trigger box lock-latch lever with your index finger or thumb to allow the trigger box to travel down the barrel to the string (photo 16).



Press trigger box lock-latch lever.

2. Firmly push down on the forward assist knob located on the left side of the trigger box to attach it securely to the string (photo 17).



Push down on the forward assist knob.

**NOTE**: When the trigger box is securely latched, the safety knob will move from "F" (Fire) to "S" (Safe) (photo 18). If you do not see the safety move to the "S" (Safe) position, the string will only be seated on the DFI (Dry-Fire-Inhibitor) and not on the string-latch (photo 19).



PROPER SAFETY POSITION. Safety knob in the "S" (Safe) position.



IMPROPER POSITION. String seated on the DFI, safety knob not in the "S" (Safe) position.

3. Remove the XTEND cranking handle from the stock, push in on the release button with your index finger or thumb, then insert it into the ACUslide's square recess hole (photo 20).

**NOTE**: You must push in on the crank handle's release button for proper connection.



Insert crank handle into the ACUslide's square recess hole.

 Once the XTEND crank handle is attached, extend the handle to its full length - which is ideal for cranking (photo 21).



Extend the crank handle to its full length.

5. Keeping a firm grip with your left hand on the buttstock, and the crossbow pointed downward, rotate the crank handle forward (clockwise) to begin cocking your crossbow (photo 22).



Rotate the crank handle forward to cock the crossbow.

\*If at any point you decide to stop this process, you can simply rotate the crank handle in reverse (counter-clockwise) and let the trigger travel back down the crossbow barrel.

6. Continue to rotate the crank handle forward (clockwise) until the trigger box is in its fully latched position. When latched, you should see the trigger lock-latch lever move and hear an audible click as the trigger box latches (photo 23). The trigger is now in the cocked, ready-to-fire position.



Trigger lock-latch lever.



Trigger lock-latch hooked onto the trigger box pin.

**NOTE**: Visually verify by looking thru the trigger lock-latch window that the trigger lock-latch is hooked onto the trigger box pin (photo 24).

7. Before removing the crank handle, backwind (counter-clockwise) the crank handle **three (3)** complete turns (photo 25).



Backwind the crank handle three (3) complete turns.

8. Hold the crank handle knob and push on the crank handle to collapse it back to its shorter storage length (photo 26).



Collapse crank handle to its shorter storage length.

 Remove the handle by pushing in the crank release button. Then, insert the crank handle back into the stock's storage position in the stock (photo 27).



Insert the crank handle into its storage position in the stock.

# LOADING AND UNLOADING YOUR CROSSBOW

#### LOADING AND UNLOADING AN ARROW SAFELY

#### **AWARNING**

- Prior to cocking your crossbow, you should watch and follow the Owner's Instructional Videos at tenpointcrossbows.com/instructional-videos/and read and follow the Hand and Finger Safety (page 3), Trigger and Trigger-Safety Protocol (page 4), Cocking Your Crossbow (page 6), Loading and Unloading Your Crossbow (page 7), De-Cocking Your Crossbow (page 8), Sighting In Your Crossbow (page 10), Shooting Your Crossbow (page 11), Treestand Safety (page 12), and Arrow Requirements and Safety (page 13) sections of this manual. Failure to always follow the manual's safety advice and operating instructions may result in property damage and/or serious personal injury or loss of life.
- Do not load an arrow in your crossbow until you are situated where you intend to shoot. In other words, do not walk or stalk with a loaded crossbow. It is especially easy to trip and fall in low-light conditions or over rough terrain. There are documented cases of loss of life caused from falling while walking with a loaded crossbow.
- Do not hand a loaded crossbow to another person or point a loaded crossbow in the direction of another person.
   Unload the arrow first to avoid serious injury, including loss of life caused by an accidental discharge.
- Broadheads are razor sharp. Do not handle the blades with your bare hands and keep your arrows safely stored in a quiver when not in use. If mishandled, arrows can cause serious personal injury, including loss of life.
- When loading or unloading an arrow, do not allow any part of either hand inside the release path of the bowstring. If the bow were to fire accidentally with any part of your hand inside the bowstring's release path, you would sustain serious personal injury and possible amputation to parts of your hand left inside the bowstring's release path.
- Unload your arrow and return it to your quiver when you are finished hunting. An accidental discharge could cause serious personal injury, including loss of life.
- Only use arrows equipped with Alpha-Nocks. Otherwise you may dry-fire the crossbow and/or misfire the arrow, potentially causing personal injury, damage to the bow, or other property damage.
- Always inspect your arrow for any sign of damage prior to each shot. Damaged arrows could fail upon release, leading to personal injury or death. Do not shoot a damaged arrow.
   Inspect and discard any damaged arrow.







#### ARROW LOADING INSTRUCTIONS

 When loading an arrow, hold it between your index and middle fingers and your thumb, just behind the broadhead or field point (photo 28). This method keeps your fingers away from the path of the bowstring.



PROPER POSITION. Hold the arrow between your index and middle fingers and your thumb just behind the broadhead or field point.

2. Insert the properly indexed vane into the barrel's flight groove (photo 29).



Insert the properly indexed vane into the barrel's flight groove.

3. Slide the nock end of the arrow under the arrow retention brush and lower the front end of the arrow into the barrel's flight groove. Continue sliding the arrow shaft into the trigger box's string slot until it stops against the bowstring. At this point, your hand and fingers should be safely in front of the end of the bowstring's release path and out of harm's way.

#### ARROW UNLOADING INSTRUCTIONS

- Ensure your finger is off the trigger and the safety is in the SAFE (white) position.
- 2. Hold the arrow between your index and middle fingers and your thumb, just behind the broadhead or field point. Slide it out from underneath the arrow retention brush (photo 30).
- 3. Secure the arrow in your quiver.



PROPER POSITION. Hold the arrow between your index and middle fingers and your thumb just behind the broadhead or field point.

#### **DE-COCKING YOUR CROSSBOW**

- Ensure the crossbow is unloaded. Also, make sure there is nothing obstructing the flight path of the bowstring or in the path of the trigger sliding down the barrel.
- 2. Hold the buttstock with your left hand, and the crossbow pointed downward (photo 31).



Point the crossbow downward & hold the buttstock.



Insert crank handle into the ACUslide's square recess hole.

- 3. Then, remove the cranking handle from the stock, push in on the release button with your index finger or thumb, and insert it into the cocking device's square recess hole (photo 32).
- 4. Once the crank handle is attached, pull back on the crank handle knob to extend the handle to its full length (photo 33).



Extend the crank handle to its full length.

5. Turn the crank handle forward (clockwise) **approximately 2-3** full turns - just enough to remove the tension on the trigger lock-latch (photo 34).



Turn the crank handle forward **approximately 2-3** full turns - just enough to remove the tension on the trigger lock-latch.

6. Press down and hold the trigger lock-latch lever with your left index finger or thumb (photo 35) and start to backwind (counter-clockwise) to lower the trigger box down the barrel. It only takes approximately two (2) pounds to release the latch.

**NOTE**: You only need to hold the trigger lock-latch lever down until the trigger box moves 1/2-inch, then remove your finger from the trigger lock-latch lever – **DO NOT** continue to keep the trigger lock-latch lever pushed in while de-cocking.

\*If your trigger lock-latch lever does not doesn't move, add 1/8 of a turn forward, and try the lock-latch lever again. Continue this process until the trigger lock-latch lever moves.





Hold the trigger lock-latch lever down and backwind until the trigger box moves 1/2-inch.



Lower the trigger.

- 7. Once the trigger box is released, place your left hand back on the rear of the buttstock to securely hold the crossbow while you continue to lower the trigger (photo 36).
- 8. Once all the tension is off the strap, the crossbow is uncocked. At this point you can collapse the crank handle, remove it from the cocking unit, and place it back into the stock storage location (photo 37).



Insert the crank handle into its storage position in the stock.

\*The trigger box can stay attached to the bowstring during storage. If you wish to remove the trigger box from the string, follow the directions in the "Removing the Trigger Box from the Bowstring" section of this manual.

## REMOVING THE TRIGGER BOX FROM THE BOWSTRING

 Remove the crank handle from the stock storage location, then slide the silver trigger box release pin to its fully extended position (photo 38).



Extend trigger box release pin.

- Slide your safety knob into the "F" (Fire) position (photo 39), then locate the small corresponding release pin hole for your specific model:
  - a. Reverse-draw crossbows directly behind the Picatinny rail (photo 40).
  - b. Long forward draw crossbows directly behind the sling stud (photo 41).
  - c. Short forward draw crossbows in the center of the fore-qrip (photo 42).



Slide the safety knob into the "F" (Fire) position.



(2a) Release pin hole location on reverse-draw crossbows.



(2b) Release pin hole location on long forward draw crossbows.



(2c) Release pin hole location on short forward draw crossbows.

**NOTE**: If your safety does not click into the "F" (Fire) position you may have to slide the trigger box back toward the butt stock slightly to relieve pressure on the auto-engage feature. You may also have to hold it in that position to be able to insert the trigger box release pin completely, and release the string latch.

- 3. Push the trigger box release pin into the appropriate pin hole for your crossbow model (see 2a-2c above) to disengage the string latch (photo 43). There will be an audible click, and you will feel the string latch release when the pin is correctly inserted.
- 4. Slide the silver trigger box release pin back to its storage location in the crank handle (photo 44).



Push the trigger box release pin into the appropriate hole for your model.



Slide the trigger release pin into the crank handle.

5. Then, push in on the crank handle's release button with the index finger or thumb on your right hand and insert it into the ACUslide's square recess hole (photo 45). At this point, you can either leave the crank handle in its short (storage) position or extend it to its full length.



Insert the crank handle into the ACUslide's square recess hole.







6. While continuing to hold the crank handle in your right hand, push down on the DFI (Dry-Fire-Inhibitor) lever with your left index finger or thumb (photo 46). Start rotating the crank handle forward (clockwise) until the trigger box is no longer attached to the bowstring. Once the trigger box is above the bowstring, you no longer need to push down on the DFI.

**NOTE:** Before cranking, you may need to hold the trigger box above the string to prevent it from re-seating behind the DFI.



Push down on the DFI.

 Continue rotating the crank handle until the trigger box is back in its fully latched position. When latched, you should see the trigger lock-latch move and hear an audible click as the trigger box latches (photo 47).







Backwind the crank handle **three (3)** complete turns.

- 8. Before removing the crank handle, backwind (counter-clockwise) the crank handle **three (3)** complete turns (photo 48).
- 9. Hold the crank handle knob and push on the crank handle to collapse it back to its original storage length if you extended it in step 5.
- Remove the handle by pushing in the crank release button. Then, insert the crank handle back into the stock's storage position (photo 49).



Insert the crank handle into its storage position in the stock.

### SIGHTING IN YOUR CROSSBOW

#### **SIGHTING IN SAFETY**

#### **▲ DANGER**

 Prior to sighting in your crossbow you must read and follow the warnings and instructions in the Hand and Finger Safety section on page 3 to avoid serious personal injury or amputation.

#### **AWARNING**

- Prior to sighting in your crossbow, you must read and follow the warnings and instructions in the Trigger and Trigger-Safety Protocol section (page 4) to avoid property damage and/or serious personal injury or loss of life.
- Prior to shooting your crossbow, you must read and follow the warnings and instructions in the Cocking Your Crossbow (page 6), Loading and Unloading Your Crossbow (page 7), De-Cocking your Crossbow (page 8), Shooting Your Crossbow (page 11), Treestand Safety (page 12), and Arrow Requirements and Safety (page 13) sections of this manual. Failure to follow the warnings and instructions may result in property damage and/or serious personal injury or loss of life.
- Ensure your crossbow is un-cocked and unloaded when making windage and elevation adjustments to your scope.
   An accidental discharge could cause serious property damage and personal injury, including loss of life.

#### NOTICE

- Keep your scope away from acid, alkaline or other corrosives to avoid damaging it.
- Illuminated scopes require a lithium 2032 size battery.
   Lithium batteries have a shelf life of up to ten years.
   They operate in temperatures far below that of other power cells, and their life-in-use depends upon the number of hours and brightness intensity while in service.

#### **SCOPE SIGHTING**

All ACUslide Series crossbows are equipped with fixed 7/8-inch Picatinny-style dovetail scope mounts. Regardless of the model, your scope will be pre-sighted for 20-yards at the factory, meaning they are set accurately enough to hit a 7-inch pie tin at that distance. Most likely you will want to fine-tune your scope.

#### Magnified Scope Focus Adjustment:

If the reticle is not in focus when looking thru the scope, adjust the focus by rotating the non-locking ring on the end of the rear bell.

#### Lighted Scope Adjustments:

 You can, however, view the yardage indication crosshairs/dots/ chevrons/triangle in black when the Red and Green illumination intensity dial is turned off. Black crosshairs/dots/chevrons/ triangle provide the best results in bright light conditions. The illuminated Red and Green views are intended for use in low-light conditions. • Adjust the illuminated crosshairs/dots/chevrons/triangle brightness by turning the intensity dial on the left side of the scope. The higher the intensity number, the brighter the crosshairs/dots/chevrons/triangle will appear. Use the lowest intensity number possible to achieve maximum accuracy. The intensity dial is also the "on" and "off" switch. The power is off when the dial is set on "R" or "G". Illuminate the crosshairs/dots/chevrons/triangle by turning the intensity dial (in the Red or Green direction) to align your desired intensity number with the index dot located at the top of the dial. To conserve battery-life turn the power off when the scope is not in use. You can, however, leave the power on for the duration of your day's hunt.

**NOTE**: The crosshairs do not illuminate on the RangeMaster Pro Scope.

#### **ELEVATION AND WINDAGE ADJUSTMENTS:**

#### Marksman Scope

This scope's view features crosshairs and chevrons. The crosshairs and chevrons are calibrated in 10-yard increments from 20- to 80-yards. The top crosshair is the 20-yard setting and the bottom chevron is the 80-yard setting. Use the elevation dial (dial on the top of the scope) to make corrections at 20-yards only. Use the windage dial (dial on the right side of the scope) to make corrections at 20-yards and at your final sighting-in distance.

#### RangeMaster Pro Scope

This scope's view features crosshairs, dots, and a triangle. The crosshairs are calibrated in 10-yard increments from 20- to 40-yards, the dots are incremented from 20- to 50-yards, and the triangle is set for 60-yards. The top crosshair is the 20-yard setting and the triangle is the 60-yard setting. Use the windage and elevation dials as described above for the Marksman Scope and make your final corrections.

# **SHOOTING YOUR CROSSBOW**

#### SHOOTING SAFETY

#### **▲** DANGER

 Prior to shooting your crossbow you must read and follow the warnings and instructions in the **Hand and Finger Safety** section on page 3 to avoid serious personal injury or amputation.

#### **▲WARNING**

- Prior to shooting your crossbow, you must read and follow the warnings and instructions in the Trigger and Trigger-Safety Protocol section (page 4) to avoid property damage and/or serious personal injury or loss of life.
- Prior to using your crossbow, you must watch and follow the
  warnings and instructions in the Owner's Instructional Videos
  at tenpointcrossbows.com/instructional-videos/ and read the
  Cocking Your Crossbow (page 6), Loading and Unloading Your
  Crossbow (page 7), De-Cocking Your Crossbow (page 8), Sighting
  In Your Crossbow (page 10), Treestand Safety (page 12), and
  Arrow Requirements and Safety (page 13) sections of this
  manual. Failure to follow the warnings and instructions may result
  in property damage and/or serious personal injury or loss of life.

- Be certain of your intended target and what is beyond it before
  pulling your trigger. An arrow can cause serious personal injury,
  property damage, or loss of life even beyond its effective hunting
  range.
- When hunting, avoid pulling the trigger just because you see movement. That movement could be a hunter in camouflage clothing.
- When at a shooting range, make sure your loaded crossbow is always pointed down-range. Accidentally pointing your crossbow in the direction of someone next to you while engaged in conversation is extremely dangerous and potentially life threatening if you experience an accidental discharge.
- Make certain others are well behind you when you are shooting. If the limbs, bowstring, cables, or cocking strap were to break, you could seriously injure someone behind you.
- When target-shooting, set up in a safe, open area with a proper target and backstop.
- When handing your cocked crossbow to another person, unload your arrow first and make sure the trigger safety is engaged. Then be careful that both you and the other person do not grip the crossbow inside the bowstring's release path (photos 50 and 51). An accidental discharge could cause serious personal injury, amputation, or loss of life.
- Make certain your crossbow limbs are unobstructed when shooting. Bow limbs hitting obstructions like a tree, branches, or a ground blind could cause serious personal injury including loss of life to you or those nearby.
- Inspect your crossbow prior to every use. Do not use the crossbow if damage is apparent or suspected. Never shoot a damaged crossbow.



51 19 ( Each ) 84

Proper transfer.

Improper transfer.

#### NOTICE

All TenPoint crossbows come equipped with a DFI (Dry-Fire-Inhibitor), which prevents the crossbow from dry-firing if you forget to load an arrow.

#### SHOOTING INSTRUCTION AND TECHNIQUE

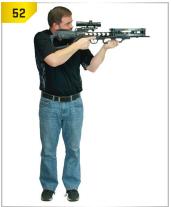
It is easy to make a bad shot. To shoot accurately you must practice proper shooting technique. "Practice makes perfect", as the saying goes. Here are the steps to follow:

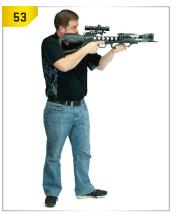
 When shooting from a standing position, spread your feet approximately shoulder-width apart and position your body either perpendicular to your target in a closed stance or quartering toward the target at a 45-degree angle in an open stance. Choose the stance that is most comfortable to you (photos 52 and 53).











Proper foot position.

Proper foot position.

- 2. Whether standing or sitting, shoulder the crossbow keeping your fore-grip hand, fingers, and thumb on the fore-grip and below the arrow flight deck. Do NOT place any portion of your body into the path of the bowstring.
- 3. Position your cheek on the middle of the stock's cheek piece or comb and make sure you have a clear sight picture through the scope.
- 4. Position your trigger-finger on the side of the stock just above the trigger and pointing toward your target (photo 54). Do not place it on the trigger until you are ready to shoot.
- 5. Keep both elbows tight to your sides so your body's core will help support and steady the bow (photo 55).



Position finger on the side of the stock.



Keep elbows close to your body.

- 6. Ensure that your crossbow limbs are well clear of any obstacles they could bump into once you pull the trigger.
- 7. If shooting from a bench rest, your fore-grip hand is particularly vulnerable to misplacement. Be careful to keep your fingers and thumb below the surface of the arrow flight deck and away from the bowstring's release path (photo 56). Do NOT place any portion of your body into the path of the bowstring.
- 8. When ready to shoot, slide the trigger's safety-knob from the SAFE (white) position to the FIRE (red) position (photo 57).



Keep your fingers and thumb below the arrow flight deck.



Slide the safety knob from SAFE (white) position to FIRE (red).

## TREESTAND SAFETY

#### **▲** DANGER

 Prior to hunting from a treestand you must read and follow the warnings and instructions in the Hand and Finger Safety section on page 3 to avoid serious personal injury or amputation.

#### **▲WARNING**

- Prior to hunting from a Treestand you must read and follow the warnings and instructions in the Trigger and Trigger-Safety Protocol section on page 4 to avoid property damage and/or serious personal injury or loss of life.
- Prior to hunting from a treestand, you must read and follow the Cocking Your Crossbow (page 6), Loading and Unloading Your Crossbow (page 7), De-Cocking Your Crossbow (page 8), Sighting In Your Crossbow (page 10), Shooting Your Crossbow (page 11), and Arrow Requirements and Safety (page 13) sections of this manual. Failure to follow the warnings and instructions may result in property damage and/or serious personal injury or loss of life.
- Treestands are used at height. Whenever hunting at height there
  is an inherent danger of falling. Use only a treestand that has
  been tested by a third-party testing laboratory to meet or
  exceed industry standards recognized by the Treestand
  Manufacturer's Association. Read and follow all written and video
  warnings and instructions that are provided with your treestand.
- When hunting from a treestand, always wear an approved safety harness, and keep it connected to a tree-strap while in the stand to protect against a life-threatening fall.
- To avoid a life-threatening fall, install a rope device with each treestand you purchase; which allows you to keep your harness attached to the tree at all times after leaving the ground.
- To avoid injury from a potential fall, do not carry your crossbow while climbing up & into your stand. Attach a bow rope to the butt stock end of the bow so that you can safely pull it up to the stand once you are seated and buckled in.
- Once in your treestand and secured to the tree-strap, you can safely hoist your unloaded crossbow.
- When handling your crossbow in the treestand do not grab or hold it by the barrel and fore-stock, thereby putting your hand into the release path of the bowstring.

- Before loading an arrow, check your shooting lanes to ensure no obstructions are in the release path of your crossbow limbs. If your limbs were to hit a branch or other obstruction when shooting, the impact could damage your bow, knock you off balance and out of your stand, or otherwise severely injure you.
- Following your hunt, remove your arrow and return it safely and securely to your quiver. Attach the unloaded crossbow to your bow rope and lower it to the ground. Disconnect your safety harness from the tree-strap but make certain it remains connected to your rope device before you begin your descent. Once on the ground, you can disconnect your harness safetystrap from the rope device.

# ARROW REQUIREMENTS AND SAFETY

#### NOTICE

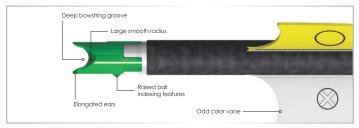
All ACUslide Series crossbows are shipped with and require the use of Alpha-Nock arrows. Failure to use Alpha-Nocks or the Alpha-Brite system on any ACUslide Series crossbow will void your warranty.

The Alpha-Nock features a deep bowstring groove, a large smooth radius base, and elongated ears. The string wraps tightly around the center of the Alpha-Nock resulting in straight nock travel and precision down-range accuracy, while minimizing string serving wear.

The Alpha-Nock's deep groove and large radius base "holds" the bowstring in place on extremely narrow crossbows to prevent "shoot-over" or "shoot-under" misfires.

In addition, it's concave and convex design promotes full engagement of the diameter of your crossbow's center string serving, while increasing the energy transferred directly to the centerline of the arrow.

Index the Alpha-Nock's raised ball, index feature with the arrow's cock vane (odd colored vane). The flat surface on the opposite side of the nock should be aligned directly between the two same colored vanes (see diagrams below).



Correct Alpha-Nock Orientation

Even if you slightly misalign an Alpha-Nock or Alpha-Brite arrow, the nock will correct the alignment as arrow acceleration begins.

#### **▲WARNING**

- Do not use arrows with flat, moon, capture or Omni-Nocks because they may cause the crossbow to malfunction. On today's narrower crossbows with acute string angles when held by the string latch, the Alpha-Nock and Alpha-Brite systems are designed to prevent the bowstring from shooting over or under the nock, and thereby, causing a dangerous dry-fire that could damage the crossbow or cause personal injury or other property damage.
- Inspect your arrows before shooting them to determine that they
  are not bent or damaged. A bent shaft or damaged nock could
  cause the arrow to fly in an unintended direction which could
  potentially cause serious injury to you or a bystander.

- Inspect carbon arrow shafts for hairline fractures or cracks.
   Firing a damaged carbon shaft can cause it to shatter, scattering fragments which could seriously injure you or others.
- Use standard weight arrows with a finished weight of at least 370-grains. Using arrows lighter than recommended can cause a dry-fire effect and cause the limbs to break resulting in serious personal injury.

# ACUSLIDE SERIES CROSSBOW MAINTENANCE

#### **▲WARNING**

- Prior to performing any maintenance on your crossbow, you must read and follow the warnings and instructions in the Hand and Finger Safety (page 3), and Trigger and Trigger-Safety Protocol (page 4) sections of this manual.
- Keep your crossbow uncocked and unloaded when performing any maintenance on it to avoid the potential injuries and damage caused by an accidental discharge.
- Wear safety glasses when performing maintenance to protect your eyes from any unpredictable accidents which could damage them.
- Do not modify your crossbow, make custom adjustments to it, or remove or deactivate its safety features to avoid potential personal injury or property damage. Making modifications will also void your warranty.
- Do not cock, load, or shoot your crossbow if it requires
  maintenance or repair of any kind. If your bow is not in top working
  condition, it may malfunction and cause serious personal injury to
  you or others, or cause serious property damage.

#### **ACAUTION**

- Do not perform any work on your crossbow that should be done at the factory or by a qualified professional with the proper tools.
- Do not apply string wax to the center serving, barrel, or trigger because it will collect inside the trigger and eventually prevent the string from latching properly.
- Do not use heavy oil, grease, or substances similar to petroleum jelly to lubricate your barrel because they will attract dust and grit that will collect inside the trigger housing and make it sluggish and possibly inoperable in cold weather.

# MAINTENANCE PROCEDURES FOR ACUSLIDE SERIES CROSSBOWS

TenPoint recommends lubricating the string and cables on all ACUslide Series crossbows, which are high-performance, as follows:

- Use TenPoint's Premium Lubricant with Foam Applicator featuring Scorpion Venom (HCA-112).
- Lubricate the entire circumference of the string serving that comes in contact with the crossbow barrel.
- Apply lubricant to cable end loops and served area from the point of attachment at the cam, to approximately 1/2 the distance to each turnbuckle (approximately 3-inches).







- Lubrication is required prior to shooting your crossbow for prolonged serving wear. If the servings or end loops mentioned above are dry, you are subject to premature serving wear and will need to replace your string and/or cables more frequently.
- Apply lubricant to the crossbow's barrel/rail if it looks or feels dry.

**NOTE**: If you inadvertently shoot the bowstring into the DFI (Dry-Fire-Inhibitor), closely inspect the center serving for any breaks or wear. TenPoint recommends changing the string on ACUslide Series crossbows if you shoot the bowstring into the DFI.

#### NOTICE

The use of after-market (non-factory) string or cables on any ACUslide Series crossbow will void your warranty.

#### GENERAL MAINTENANCE PROCEDURES

The best maintenance program begins with inspecting your crossbow for worn, loose, damaged, or missing parts every time you use it.

#### 1. Immediately replace frayed or worn string and cables.

Extend the life of your string and cables by keeping them from drying out. Treat them as directed with a premium lubricant and a high-quality wax such as TenPoint's String Wax & Conditioner (HCA-11007). TenPoint recommends changing the string and cables every other year under normal hunting/shooting conditions.

#### 2. Keep your trigger dry and lubricated.

After using your crossbow in damp or wet conditions, dry the interior of the trigger housing with a blow dryer. To avoid rusting, spray the interior of the housing with WD-40 (or a comparable product) to displace any remaining moisture before you apply a drop of lubricant inside the string slot close to the string latch and safety slide, and inside the safety knob window.

#### 3. Storage

Lubricate your crossbow before storing it at the end of the season, and keep it in a cool, dry place. Leaving it in excessive heat (car trunk in hot weather, in a hot attic, or next to a fireplace) can alter its tuning and subject cables and the string to dry rot. Likewise, storing it in a cold, damp garage or basement may cause some parts to rust.

#### 4. Screws & Bolts

- When you need to tighten or loosen your main assembly bolt, remember to back-off its locking setscrew (if your model is equipped with one). Otherwise you will strip its threads.
- Do not attempt to loosen or adjust the limbs to relieve string pressure in the off-season.
- Regularly check stock, scope-ring, and cocking device screws for tightness since the crossbow's recoil can loosen them over time.

#### 5. Trigger Repair

- While TenPoint appoints authorized repair facilities throughout
  the United States, trigger repairs may only be performed at
  TenPoint's corporate headquarters Service & Repair Department.
  Call 330-628-9245, or submit your request to our website,
  tenpointcrossbows.com/rma/, for a Return Authorization
  Number, shipping instructions, and payment instructions. See
  our website for U.S.A. repair facilities.
- For repairs outside of the United States, contact the Distributor in your country.

#### **ACUSLIDE MAINTENANCE**

 Your ACUslide cocking device should remain relatively maintenance-free unless you notice wear, fraying, or tears on the cocking strap. Contact Customer Service for replacement.

## **CROSSBOW TROUBLESHOOTING**

#### **▲WARNING**

Never use a crossbow with a worn or separated serving.

Not all issues with your crossbow require specialized service. This troubleshooting section will address common problems which may not require service. If, however, you are unable to resolve your issue, call Customer Service at 330-628-9245, or submit your repair request to our website, www.tenpointcrossbows.com, for a Return Authorization Number and further instructions.

#### My crossbow will not fire when I pull the trigger.

You may have tried to cock the crossbow with the string on the DFI rather than on the string latch. Unload your crossbow, perform the de-cocking actions detailed on pages 8 & 9, then firmly push down on the forward assist knob located on the left side of the trigger box to attach it securely to the string. When the trigger box is securely latched, the safety knob will move from "F" [Fire] to "S" [Safe].

#### My string and/or cables are fuzzy, fraying, or cut.

- If the string and/or cables are fuzzy, apply TenPoint's Premium Lubricant where recommended and/or use a string wax/ conditioner for the other areas the premium lubricant isn't required/recommended.
- If they are frayed or cut, do not attempt to use your crossbow.
   Contact the Sales Department or an authorized repair center for replacements.

#### My shot groups are erratic.

- If your arrow groupings are tight with field points but not
  with broadheads, you probably need to tune your arrows. If your
  broadhead wobbles at the connection between the broadhead
  and insert when you spin them, they are not straight (out of tune).
  If you do not have arrow tuning equipment, have your local pro
  shop straighten them for you. Also, make sure your arrows are
  the same brand, weight, and size and your broadheads are the
  same brand and weight.
- · Your scope may be defective, contact Customer Service.

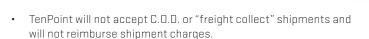
#### My camo is coming off of the crossbow.

 Some crossbow surfaces are subject to normal wear and tear. If you have questions about wear and tear, contact Customer Service. They can determine if the condition is normal or excessive.

# RETURNING YOUR CROSSBOW FOR SERVICE

To return your crossbow for service, you must either call Customer Service for a Return Authorization Number and return instructions or complete a Return Authorization request form at tenpointcrossbows.com/rma/. To phone, dial 330-628-9245.

- Your Return Authorization (RA) request form must be complete.
   Missing or incorrect information will cause delay.
- Your RA is valid for 30-days. You must call for a new number after its expiration.
- Your shipment must be sent "freight prepaid" and you must boldly mark the outside of the package with your RA Number (otherwise TenPoint will not accept the package).



- Include a description of the problem inside the package.
- The Service & Repair Department will contact you if payment is required and will determine whether the problem is covered under your warranty.
- TenPoint warranties cover "repair or replacement". If covered under warranty, they – at their sole discretion – will determine whether "repair or replacement" is in order. Repair or replacement part colors and/or patterns may not match original parts.
- TenPoint will return the product when service is complete and, if required, payment is made.

#### Ship to:

TenPoint Crossbow Technologies 1320 State Route 43 Mogadore, OH 44260

# STRING AND CABLE SPECIFICATIONS

CROSSBOW MODEL	STRING	CABLES
Vapor RS470	HCA-70717	HCA-70617
Vengent S440 & Viper S400	HCA-70317	HCA-70217

#### NOTICE

The use of after-market (non-factory) string or cables on any ACUslide Series crossbow **will** void your warranty.

## WARRANTY

# TENPOINT CROSSBOW TECHNOLOGIES LIMITED LIFETIME OPERATIONAL WARRANTY

Subject to the terms, conditions, conditions and limitations outlined below, TenPoint Crossbow Technologies guarantees its crossbows against defects in materials and workmanship that adversely affect the operation of the crossbow for the lifetime of the original owner, except for the bow limbs, scope, and ACUslide cocking device which are warranted for five (5) years from the date of purchase, and strings and cables, which are not covered by this warranty.

This warranty only becomes effective if activated by the purchaser within 30-days of the purchase date by completing the warranty registration online. TenPoint Crossbow Technologies reserves the right, at their sole discretion, to accept proof of purchase in lieu of a complete warranty registration.

All warranty/repair returns are to be coordinated directly between the consumer and TenPoint Crossbow Technologies. To make a claim under this warranty, call our Customer Service Department at 330-628-9245 for a Return Authorization Number. TenPoint Crossbow Technologies will not accept returned merchandise without a Return Authorization Number displayed on the outside of the shipping container. Include your name, address, daytime phone number, and a brief description of the claim inside the package. Insure your shipment and send it prepaid via the U.S. Postal Service, FedEx, or IIPS

#### LIMITATIONS OF WARRANTY

The warranty will be void if any of the following occur:

- [1] The instructions in the owner's manual are not followed;
- (2) The crossbow or any of its parts (including the ACUslide cocking device) are altered from their original state;
- (3) After-market string or cables are used;
- [4] The safety wings are removed;
- (5) Damage is caused by abuse or neglect;
- (6) Damage is caused by dry-firing or by using underweight arrows (lighter than recommended in the owner's manual); or
- (7) The crossbow is rented or loaned for use by others by a retailer, wholesaler, or shooting range operator, or other commercial business organization, whether or not a fee is charged for its use.

There are no warranties which extend beyond the description on the face hereof.

The sole and exclusive remedy pursuant to this warranty is the repair or replacement of the defective part(s) at the sole discretion of TenPoint Crossbow Technologies. Parts determined to be unsafe will not be returned with the repaired crossbow. Repair or replacement part colors and/or patterns may not match original part(s).

The implied warranties or merchantability and fitness for a particular purpose are expressly disclaimed.

All disclaimers and limitations of liability shall still apply even if the limited remedy of repair and replacement fails of its essential purpose.

In states where permitted, we assume no liability for incidental or consequential damage for incidental expenses.

Any action against TenPoint Crossbow Technologies based on an alleged breach of this warranty must be brought within one (1) year of the claimed breach.

TenPoint Crossbow Technologies liability for breach of warranty shall be limited to repair or replacement of the product at the option of TenPoint Crossbow Technologies.







Thank you for purchasing a TenPoint Crossbow. Your new crossbow is covered by a Limited Lifetime Operational Warranty through our factory (see Warranty section of the manual or the Warranty Info section on our website for warranty terms and conditions). If you have a warranty claim, do <u>not</u> return this product to your retailer for credit.

#### **WARRANTY CLAIM PROCEDURES ARE AS FOLLOW:**

#### **U.S. Customers:**

- 1. To return your crossbow for service, you must call Customer Service at 330-628-9245, or complete a Return Authorization (RA) request form at **tenpointcrossbows.com/rma/**.
- 2. Include your name, address, daytime phone number, and a brief description of the warranty claim inside the package.
- 3. Display the RA Number on the inside and outside of the package.
- 4. Insure your shipment and send it via U.S. Postal Service, FedEx, or UPS, prepaid. TenPoint will not accept C.O.D. or "freight collect" shipments and will not reimburse shipment charges.

#### International Customers:

Please contact your local Distributor.



# **TENPOINT CROSSBOW TECHNOLOGIES®**

1325 WATERLOO ROAD MOGADORE, OH 44260-9608 330-628-9245

PERFECTION LIVES HERE™

| BUILT IN AMERICA
| MOGADORE, DHID