



ACUSLIDE SERIES OWNER'S MANUAL

**FOR ALL ACUSLIDE AND ACUSLIDE MAXX 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 EXPERIENCE DEPARTMENT AT 330-628-9245.



DEFINING CROSSBOW PRECISION™



BUILT IN AMERICA
MOGADORE, OHIO

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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 Experience 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.

TABLE OF CONTENTS

SAFETY	3-5
Hand and Finger Safety	3-4
Trigger and Trigger-Safety Protocol	4
Trigger Safety	4
General Safety	5
OUT-OF-THE-BOX ASSEMBLY	5
Mounting the Scope	5
COCKING YOUR CROSSBOW	6-8
Cocking Safety	6
ACUslide Cocking Instructions	6-7
ACUslide MAXX Cocking Instructions	7-8
LOADING AND UNLOADING YOUR CROSSBOW	8-10
Loading and Unloading an Arrow Safely	8-9
Arrow Loading Instructions (ACUslide)	9
Arrow Unloading Instructions (ACUslide)	9
Arrow Loading Instructions (ACUslide MAXX)	9-10
Arrow Unloading Instructions (ACUslide MAXX)	9-10
DE-COCKING YOUR CROSSBOW	10-11
ACUslide De-Cocking Instructions	10-11
ACUslide MAXX De-Cocking Instructions	11
SIGHTING IN YOUR CROSSBOW	12-13
Sighting In Safety	12
Scope Sighting	12-13
SHOOTING YOUR CROSSBOW	13-14
Shooting Safety	13
Shooting Instruction and Technique	13-14
ACCESSORY MOUNTING	14-16
ACUslide Crossbow Quiver Bracket Mounting	14-15
ACUslide MAXX Crossbow Quiver	
8 Crank Handle Bracket Mounting	15
ACUslide MAXX Crossbow Bow Hook Mounting	16
TREESTAND SAFETY	16
ARROW REQUIREMENTS AND SAFETY	16-17
ACUslide SERIES CROSSBOW MAINTENANCE	17-18
Maintenance Procedures for ACUslide Series Crossbows	17
General Maintenance Procedures	17-18
ACUslide & ACUslide MAXX Maintenance	18
CROSSBOW TROUBLESHOOTING	18
RETURNING YOUR CROSSBOW FOR SERVICE	18
STRING AND CABLE SPECIFICATIONS	19
WARRANTY	19
TenPoint Crossbow Technologies Limited Lifetime	
Operational Warranty	19
Warranty Claims	19-Back Cover



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 1-4. Avoid sliding the hand in front of or behind the safety wings (photos 5-10) and avoid allowing that hand's thumb or fingers to move above the barrel and flight deck into the path of the bowstring's release path (photos 9-10). 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.



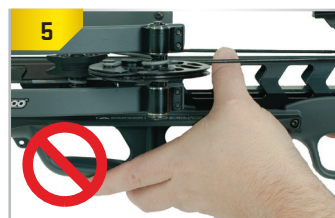
PROPER HAND POSITION.
Proper way to hold the fore-grip for a left-handed shooter.



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 crossbow.



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



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



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



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



IMPROPER HAND POSITION.
With your fore-grip hand positioned as shown, you will severely injure or amputate your 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 11-12). 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 13 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.





13

PROPER HAND POSITION.
With your fore-grip hand flat 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, flight deck, or fore-stock inside the bowstring's release path (photos 14 & 15).



14

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



15

IMPROPER HAND POSITION.
Do not grab or hold it between the risers and flight deck.

- When loading an arrow on a crossbow with a barrel, 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 16-17).



16

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



17

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.

- When loading an arrow on a rail-less crossbow, 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 through the front of the crossbow under the brush, over the arrow rest, and into the string slot. Push the arrow back until you feel and hear the nock "click" into place. 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 18-19).



18

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



19

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



20

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 (photos 21-22). This practice will help prevent you from accidentally discharging your crossbow and potentially causing serious injury or death to yourself or others.



21

Position finger on the side of the stock.



22

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

- 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 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.
- 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.
- 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** (pages 3-4), **Trigger and Trigger-Safety Protocol** (page 4), **Cocking Your Crossbow** (pages 6-8), **Loading and Unloading Your Crossbow** (pages 8-10), **De-Cocking Your Crossbow** (pages 10-11), **Sighting In Your Crossbow** (page 12-13), **Shooting Your Crossbow** (pages 13-14), **Treestand Safety** (page 16), and **Arrow Requirements and Safety** (pages 16-17) 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 or nock could lead to serious injury or death.
- Only use HPX nocks on rail-less crossbows, and make sure you hear/feel the nock "click-in" the trigger box.
- **Never** attempt to shoot any projectile other than arrows/nocks 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 judgment 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

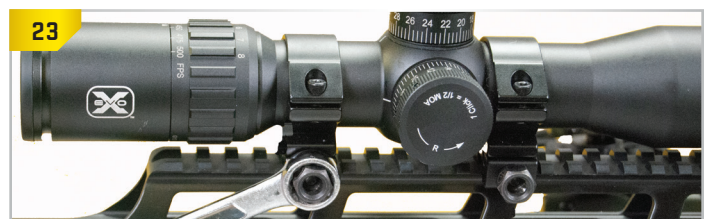
Scope installation is the only assembly required on ACUslide or ACUslide MAXX crossbow models.

***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 23).

- Most ACUslide crossbow users will prefer mounting a standard scope toward the front of the dovetail, in either the most forward slot or the one directly behind it.
- Most ACUslide MAXX crossbow users will prefer mounting the rear scope ring, on a standard scope, in either the 3rd or 6th slot from the rear of the ACU-Lock Scope Bridge.



Install the scope.

NOTE: See pages 14-16 for instructions on mounting the quiver bracket, crank handle, and bow hook on ACUslide and ACUslide MAXX crossbows. See page 15 for installing the quiver for a left-handed shooter.



Visit tenpointcrossbows.com/instructional-videos/ or scan the QR code with your smartphone to view our Instructional Videos.



COCKING YOUR CROSSBOW

COCKING SAFETY

NOTICE

- **Do not** attempt to manually cock your ACUslide Series crossbow, the trigger box must travel down the barrel.

⚠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** (pages 3-4), **Trigger and Trigger-Safety Protocol** (page 4), **Cocking Your Crossbow** (pages 6-8), **Loading and Unloading Your Crossbow** (pages 8-10), **Sighting In Your Crossbow** (pages 12-13), **Shooting Your Crossbow** (pages 13-14), **Treestand Safety** (page 16), and **Arrow Requirements and Safety** (pages 16-17) 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.
- 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.
- Do not apply more than 1 back-wind rotation (counter-clockwise) after cocking the crossbow. Doing so can cause damage or premature wear to your cocking unit.

ACUSLIDE COCKING INSTRUCTIONS

1. Press down on the trigger box lock-latch lever with your index finger or thumb to allow the trigger box to travel slowly down the barrel to the string (photo 24).

NOTE: Do not allow the trigger box to "free-fall" quickly down the barrel while cocking, it will damage the ACUslide unit.



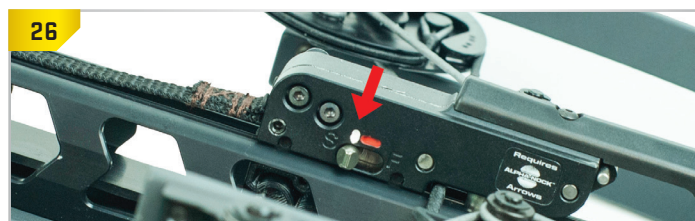
Press trigger box lock-latch lever.

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 25).



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 26). 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 27).



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 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 28).

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.

4. 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 29).



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.



- 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 30). The trigger is now in the cocked, ready-to-fire position.

NOTE: Stop cranking as soon as the trigger lock-latch is hooked onto the trigger box pin - continuing to crank after this point will damage the ACUslide unit.



Trigger lock-latch lever.



Trigger lock-latch hooked onto the trigger box pin.

Visually verify by looking thru the trigger lock-latch window that the trigger lock-latch is hooked onto the trigger box pin (photo 31).

- After cocking the crossbow, backwind the crank handle one (1) complete turn (photo 32). Then, remove the crank handle.



Back-wind the crank handle **one (1) complete turn, then remove crank handle.**

- Hold the Gear Stop Button (photo 33), then backwind the silver collar (photo 34) on the right side one (1) complete turn by hand, or until it stops.

NOTE: Failure to follow these steps after cocking your crossbow will result in the trigger box sliding down only partway or “hanging-up” before you can slide it to the bowstring the next time you try to cock it. If this happens, you must complete the steps above.



Press in and Hold the Gear Stop Button.



Backwind the silver collar one (1) complete turn by hand or until it stops.

NOTE: Do not backwind crank handle (counter-clockwise) more than one complete turn after cocking the crossbow. Doing so can cause premature wear to your ACUslide unit.

- Insert the crank handle back into the stock's storage position in the stock (photo 35).



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

ACUslide MAXX COCKING INSTRUCTIONS

- Press down on the trigger release-latch with your index finger or thumb to allow the trigger box to travel slowly down to the string (photo 36).

NOTE: Do not allow the trigger box to “free-fall” quickly down the flight deck while cocking, it will damage the ACUslide MAXX unit.



Press trigger release-latch.

- Firmly press down on the black forward assist knob located on the right side of the trigger box to attach it securely to the string (photo 37).



Press down on the forward assist knob.

NOTE: When the trigger box is securely latched, you will hear/feel a “click” when the string is seated behind the string latch (photos 38 & 39).



Improper string latch position.



Proper string latch position.





- Remove the crank handle from its mounting bracket by pushing/pulling the crank handle forward/backward (based on which side it is mounted on) and rotate it out and off the bracket at approximately a 45-degree angle (photos 40 & 41).



Start to remove crank handle by pushing/pulling the crank handle.



Rotate crank handle out & off the bracket at approximately a 45-degree angle.

- Push in on the crank handle's release button with your index finger or thumb, then insert it into the ACUslide Maxx's square recess hole (photo 42).

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



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

- 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 43).



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 flight deck.

- Continue to rotate the crank handle forward (clockwise) until the trigger box is in its fully latched position in front of the trigger box anchor pin. When latched, you should see the trigger lock-latch lever move and hear an audible click as the trigger box anchor pin latches behind the trigger lock-latch in the fully cocked position (photos 44 & 45). The trigger is now in the cocked, ready-to-fire position.

NOTE: Stop cranking as soon as the trigger lock-latch is hooked over the top of the trigger box anchor pin - continuing to crank after this point will damage the ACUslide MAXX unit.



Trigger lock-latch lever almost over the top of the trigger box anchor pin.



Trigger lock-latch lever and anchor pin when fully cocked.

- After cocking the crossbow:

- Back-wind the crank handle one (1) complete turn.
- Remove the crank handle.
- Hold the Gear Stop Button (photo 46), then back-wind the silver collar one (1) complete turn by hand or until it stops (photo 47).

NOTE: Failure to follow these steps after cocking your crossbow will result in the trigger box sliding down only partway or "hanging-up" before you can slide it to the bowstring the next time you try to cock it. If this happens, you must complete step 3 above.



Hold the Gear Stop Button.



While holding the Gear Stop Button, back-wind the silver collar one (1) complete turn by hand or until it stops.

- Insert the crank handle into your preferred storage location.

LOADING AND UNLOADING YOUR CROSSBOW

LOADING AND UNLOADING AN ARROW SAFELY

▲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** (pages 3-4), **Trigger and Trigger-Safety Protocol** (page 4), **Cocking Your Crossbow** (pages 6-8), **Loading and Unloading Your Crossbow** (pages 8-10), **De-Cocking Your Crossbow** (pages 10-11), **Sighting In Your Crossbow** (pages 12-13), **Shooting Your Crossbow** (pages 13-14), **Treestand Safety** (page 16), and **Arrow Requirements and Safety** (pages 16-17) 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 HPX nocks on rail-less (ACUslide MAXX) crossbow models and make sure you hear/feel the nock "snap-in" the trigger box. Otherwise, you may damage the arrow potentially causing personal injury, damage to the bow or other property damage.
- Ensure the Alpha-Nock HPX or HP raised indexing feature is properly aligned with the odd colored vane on your arrow (photo 49) and always check the alignment of the vane in the crossbow (ensuring the odd colored vane is positioned down). If misloaded, arrows can cause serious personal injury, including loss of life.
- Only use arrows equipped with the Alpha-Nock, Alpha-Nock HP, Alpha-Nock HPX, Alpha-Blaze, or Alpha-Blaze HPX on ACUslide crossbows (Alpha-Nock HP/HPX or Alpha-Blaze/HPX is required on the Nitro 505). 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.
- Make sure your loaded/unloaded crossbow is always pointed in a safe direction. An accidental discharge could cause serious personal injury, including loss of life.
- Only load/unload your crossbow when the trigger is in the "SAFE" (white) position. An accidental discharge could cause serious personal injury, including loss of life.

ARROW LOADING INSTRUCTIONS (ACUslide)

1. When loading an arrow, hold it between your index and middle fingers and your thumb, just behind the broadhead or field point (photo 48). 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 49).



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 (ACUslide)

1. 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 50).
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.

ARROW LOADING INSTRUCTIONS (ACUslide MAXX)

NOTE: Arrows with HPX nocks are required for all rail-less crossbows.

1. When loading an arrow, hold it between your index and middle fingers and your thumb, just behind the broadhead or field point (photo 51). 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 nock end of the arrow (odd colored vane down) into the GUIDE-Lock Arrow Rest System - under the arrow retention brush and over the two spring-loaded ball-bearings (photos 52-53). Then, continue to slide the arrow between the risers until the HPX nock "snaps-in" against the string in the trigger box. You should both hear an audible click and feel the positive engagement of the nock to the string - indicating the arrow is properly seated and loaded in the crossbow.





Insert the nock end of the arrow under the arrow retention brush and over the two spring-loaded ball-bearings on the TX 440.

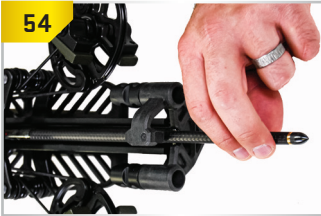


Insert the nock end of the arrow under the arrow retention brush and over the two spring-loaded ball-bearings on the TRX 515.

Note: If the arrow is not seated properly, the trigger's Dry-Fire-Preventor (DFP) will block the trigger from firing unless the nock is properly inserted in the trigger box.

ARROW UNLOADING INSTRUCTIONS (ACUSLIDE MAXX)

1. 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 54).



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

3. Secure the arrow in your quiver.

DE-COCKING YOUR CROSSBOW

ACUSLIDE DE-COCKING INSTRUCTIONS

1. 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 55).



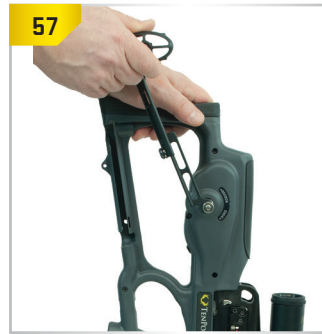
Point the crossbow downward & hold the buttstock.

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 56).



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

4. Turn the crank handle forward (clockwise) **approximately 1-2** full turns - just enough to remove the tension on the trigger lock-latch (photo 57).



Turn the crank handle forward **approximately 1-2** full turns - just enough to remove the tension on the trigger lock-latch.

5. Press down and hold the trigger lock-latch lever with your left index finger or thumb (photo 58) 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.

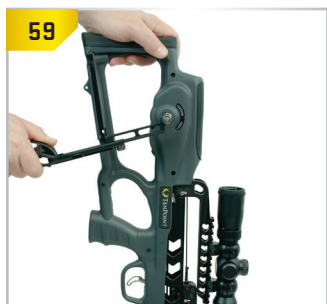


Hold the trigger lock-latch lever down and back-wind until the trigger box moves 1/2-inch.

*If your trigger lock-latch lever 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.



6. 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 59).



Lower the trigger box.

7. Once all the tension is off the strap, the crossbow is uncocked. At this point you can remove the crank handle from the cocking unit, and place it back into the stock storage location (photo 60).



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

*The trigger box can stay attached to the bowstring during storage.

ACUSLIDE MAXX DE-COCKING INSTRUCTIONS

1. 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 ZERO-Trac Barrel.
2. Hold the buttstock with your left hand, then insert the crank into the cocking device's square recess hole.
3. While pressing down on the trigger-release latch with your left index finger or thumb, turn the crank handle forward (clockwise) **approximately 1-2** full turns - just until you remove the tension on the trigger release-latch (photo 61).



Press trigger release-latch and turn the crank handle forward - just until you remove the tension on the trigger release-latch.

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

4. As soon as you can press down on the trigger release-latch, start to backwind (counter-clockwise) to lower the trigger box down the ZERO-Trac Barrel (photos 62 & 63). It only takes approximately two (2) pounds to release the latch.



Press the trigger lock-latch down and backwind until the trigger moves 1/2-inch.



Lower the trigger box.

NOTE: Release pressure on the trigger release-latch as soon as the trigger box starts to move down the ZERO-Trac Barrel - approximately 1/2-inch.

DO NOT continue to keep the trigger release latch pressed down while de-cocking.

5. Once all the tension is off the strap, the crossbow is uncocked (photo 64). At this point you can remove the crank handle from the cocking unit, then place it back into the storage location.

NOTE: The trigger box will remain attached to the bowstring during storage if you have de-cocked your crossbow.



Trigger box attached to the bowstring.





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 (pages 3-4) to avoid serious personal injury or amputation.

▲ WARNING

- 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** (pages 6-8), **Loading and Unloading Your Crossbow** (pages 8-10), **De-Cocking your Crossbow** (pages 10-11), **Shooting Your Crossbow** (pages 13-14), **Treestand Safety** (page 16), and **Arrow Requirements and Safety** (pages 16-17) 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.
- 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.
- 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.
- Most of the 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. Unless your crossbow is equipped with the Garmin® Xero® X1i Crossbow Scope, or the Burris® Oracle X™ Scope, 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 through the scope, adjust the focus by rotating the non-locking ring on the end of the rear bell.

Lighted Scope Adjustments (except the Garmin® Xero® X1i Crossbow Scope or the Burris® Oracle X™ Scope):

- You can 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 rightness 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 Elite Scope

This scope's view features crosshairs and chevrons. The crosshairs and chevrons are calibrated in 10-yard increments from 20- to 100-yards. The top crosshair is the 20-yard setting and the bottom chevron is the 100-yard setting. Before sighting in your crossbow, adjust the speed dial on the scope to match the advertised speed of your crossbow (380 to 550 feet-per-second crossbows) based on the arrow you will be using.

Sight the crossbow in close at 20-yards using the top dot/lines. If the impact point is different than the aiming point, make adjustments to the vertical (elevation) and/or horizontal (windage) adjustments. Unscrew the adjustment caps and turn the adjustment knob(s) in the direction needed to make your correction(s). Continue to shoot the crossbow and adjust the scope until your impact and aiming points coincide.

Fine-tune your scope settings at the 40-yard crosshair/lines using the scope's windage and elevation adjustment knobs. Once sighted in at 40-yards, use the speed dial to fine tune other aiming points. If you are hitting high at the 90- or 100-yard distance, adjust the speed dial to a higher speed level to lower the point of impact. Or, if you are hitting low, adjust the dial to a lower speed level to raise the point of impact. Once sighted-in at 40-yards, the bottom chevron should be zeroed-in close at 100-yards.

NOTE: At 50-yards it takes approximately four to five clicks to move your point of impact

RangeMaster 100 Scope

This scope's view features dots, crosshairs, and chevrons. The configuration consists of nine aiming points in 10-yard increments - three illuminated dots calibrated at 20-, 30-, and 40-yards, three illuminated crosshairs at 50-, 60-, and 70-yards, and three illuminated chevrons at 80-, 90-, and 100-yards. Before sighting in your crossbow, adjust the speed dial on the scope to match the advertised speed of your crossbow (380 to 505 feet-per-second crossbows) based on the arrow you will be using.

Sight the crossbow in close at 20-yards using the top dot/lines. If the impact point is different than the aiming point, make adjustments to the vertical (elevation) and/or horizontal (windage) adjustments. Unscrew the adjustment caps and turn the adjustment knob(s) in the direction needed to make your correction(s). Continue to shoot the crossbow and adjust the scope until your impact and aiming points coincide.



Fine-tune your scope settings at the 50-yard crosshair/lines using the scope's windage and elevation adjustment knobs. Once sighted in at 50-yards, use the speed dial to fine tune other aiming points. If you are hitting high at the 90- or 100-yard distance, adjust the speed dial to a higher speed level to lower the point of impact. Or, if you are hitting low, adjust the dial to a lower speed level to raise the point of impact. Once sighted-in at 50-yards, the bottom chevron should be zeroed-in close at 100-yards.

NOTE: At 50-yards it takes approximately four to five clicks to move your point of impact 1/4-inch.

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.

Pro-View 400 Scope

This scope's view features dots and crosshairs. The dots are calibrated in 10-yard increments from 20- to 40-yards, and the crosshairs are incremented from 50- to 70-yards. Sight the crossbow in close at 20-yards using the top dot. If the impact point is different than the aiming point, make adjustments to the vertical (elevation) and/or horizontal (windage) adjustments. Unscrew the adjustment caps and turn the adjustment knob(s) in the direction needed to make your correction(s). Continue to shoot the crossbow and adjust the scope until your impact and aiming points coincide. Fine-tune your scope settings at the 40- or 50-yard dot/crosshair using the scope's windage and elevation adjustment knobs.

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 (pages 3-4) 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** (pages 6-8), **Loading and Unloading Your Crossbow** (pages 8-10), **De-Cocking Your Crossbow** (pages 10-11), **Sighting In Your Crossbow** (pages 12-13), **Treestand Safety** (page 16), and **Arrow Requirements and Safety** (pages 16-17) 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.

- 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.
- 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 65 and 66). 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.



Proper transfer.



Improper transfer.

NOTICE

All TenPoint crossbows come equipped with a DFI (Dry-Fire-Inhibitor) or DFP (Dry-Fire-Preventor), 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 67 and 68).



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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 (photos 69-70). 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 71).



Position finger on the side of the stock.



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 72). 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 (photos 73 and 74).



Keep your fingers and thumb below the arrow flight deck.



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



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

ACCESSORY MOUNTING

ACUslide Crossbow Quiver Bracket Mounting

The quiver has already been attached to the quiver mounting bracket. It will come from the factory set up to mount the quiver on the right side of the crossbow (photo 75).

1. Turn your crossbow upside-down. Loosen the mounting bracket's thumb screw and slide the clamp onto the crossbow's picatinny rail with the quiver cup facing up (photo 76). The quick connect/disconnect bar will face to the left side of the crossbow when the crossbow is upside-down. Then, hand-tighten the thumb screw until the mount fits securely onto the rail.



Quiver is already attached to the mounting bracket.



Turn crossbow upside-down, loosen thumb screw, then slide the clamp onto the picatinny rail with the quiver cup facing up.



2. Turn your crossbow right-side up (photo 77). Detach the quiver from the crossbow by pushing in on the quick connect/disconnect bar.

NOTE: If you'd like to mount the quiver on the left side of your crossbow, please follow steps 3 -9.

3. Remove the quiver from the mounting bracket (photo 78) by pushing in on the quick connect/disconnect bar.



Quiver mounted on the right side of the crossbow.



Remove the quiver from the mounting bracket.

4. With the quiver cup facing up, use a 5/64-inch Allen wrench to remove the button head screw from the quiver's backbone and then remove the mounting block from the quiver (photo 79).



Use a 5/64-inch Allen wrench to remove/reinsert the mounting block button head cap screw.

5. Re-install the mounting block onto the quiver opposite of the way it was originally installed. With the quiver cup facing down, insert the mounting block pins on an angle into the quiver's backbone. The flat side of both triangles should face to the left (see photo 80).

Note: Make sure the mounting block faces opposite of the way it was originally installed.



The flat side of both triangles should face to the left.

6. Hold the mounting block in place and turn the quiver cup right-side up. Insert the button head screw through the center hole of the quiver's backbone that corresponds with the mounting block. Then tighten the screw with a 5/64-inch Allen wrench (photo 79).
7. Attach the quiver to the mounting bracket by pushing in on the quick connect/disconnect bar and aligning the mounting block triangles with the holes in the mounting bracket (photo 81).



Reattach the quiver to the mounting bracket.



Turn crossbow upside-down, loosen thumb screw, then slide the clamp onto the picatinny rail with the quiver cup facing up.



Quiver mounted on the left side of the crossbow.

8. With the mounting bracket's thumb screw loose, slide the clamp onto the crossbow's picatinny rail keeping the quiver cup facing up (photo 82). The quick connect/disconnect bar will face to the right side of the crossbow when the crossbow is upside-down. Then, hand-tighten the thumb screw until the mount fits securely onto the rail.
9. Turn your crossbow right-side up (photo 83). Detach the quiver from the crossbow by pushing in on the quick connect/disconnect bar.

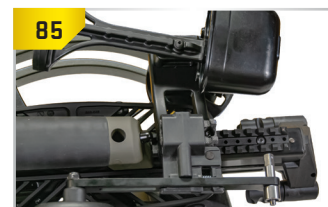
ACUslide MAXX Crossbow Quiver & Crank Handle Bracket Mounting

The quiver and crank handle bracket have already been attached to the quiver mounting bracket. It will come from the factory set up to mount the quiver on the right side of the crossbow (photo 84).

1. Turn your crossbow upside-down. Loosen the mounting bracket's thumb screw and slide the clamp onto the crossbow's picatinny rail with the quiver cup facing up (photo 85). The quick connect/disconnect bar will face to the left side of the crossbow when the crossbow is upside-down and the crank handle bracket will face to the right. Then, hand-tighten the thumb screw until the mount fits securely onto the rail.



Quiver and crank handle are already attached to the mounting bracket.



Turn crossbow upside-down, loosen thumb screw, then slide the clamp onto the picatinny rail with the quiver cup facing up.

2. Turn your crossbow right-side up. Detach the quiver from the crossbow by pushing in on the quick connect/disconnect bar.

NOTE: If you'd like to mount the quiver* on the left side of your crossbow, follow steps 3 - 9 in the ACUslide instructions above.

***If you mount the quiver on the left side of your crossbow, the crank handle bracket will now face to the right-side of the crossbow when facing upward.**

NOTE: If desired, you can attach the crank handle mount to the top picatinny rail on the TX440 **only** (photos 86-87).



Mount to top of picatinny rail on left.



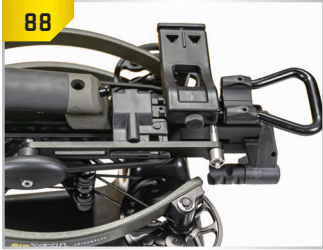
Mount to top of picatinny rail on right.





ACUslide MAXX Crossbow Bow Hook Mounting

1. Install quiver and crank handle mount on the bottom of the picatinny rail in the desired direction before mounting the bow hook.
2. Remove/loosen the screw on the left side of the bow hook, then slide it over the end of the picatinny rail. Position the bow hook flush with the end of the picatinny rail, then re-insert/tighten the mounting screw/knob (photo 88).



Position the bow hook flush with the end of the picatinny rail, then reinsert/tighten the mounting screw/knob.

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 (pages 3-4) 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 (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** (pages 6-8), **Loading and Unloading Your Crossbow** (pages 8-10), **De-Cocking Your Crossbow** (pages 10-11), **Sighting In Your Crossbow** (pages 12-13), **Shooting Your Crossbow** (pages 13-14), and **Arrow Requirements and Safety** (pages 16-17) 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, flight deck, or 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 safety-strap from the rope device.

ARROW REQUIREMENTS AND SAFETY

NOTICE

All rail-less ACUslide MAXX crossbows are shipped with and require the use of Alpha-Nock HPX arrows. Failure to use Alpha-Nock HPX or the Alpha-Blaze HPX systems on any rail-less ACUslide MAXX crossbow will void your warranty.

All ACUslide Series crossbows are shipped with and require the use of Alpha-Nock HP/Alpha-Nock HPX arrows. Failure to use Alpha-Nock HP/Alpha-Nock HPX or the Alpha-Blaze/Alpha-Blaze HPX systems on any ACUslide Series crossbow will void your warranty.

NOTE: Alpha-Nock HP/Alpha-Nock HPX or Alpha-Blaze/Alpha-Blaze HPX are required on the Nitro 505.

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

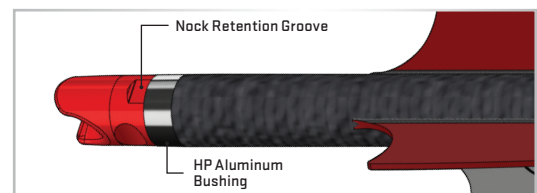
In addition, it's concave and convex design promotes full engagement of the diameter of your crossbow's center string serving, while increasing the energy transferred directly to the centerline of the arrow.

Index the Alpha-Nock HP's/Alpha-Nock HPX's raised line index feature with the arrow's cock vane (odd colored vane). See diagram below.



Correct Alpha-Nock HP/HPX Orientation

The Alpha-Nock HPX contains a Nock Retention Groove that allows the user to both hear and feel the positive engagement of the nock to the string on TenPoint rail-less crossbows.



Nock Retention Groove



Ensure the Alpha-Nock HP's/HPX's raised indexing feature is properly aligned with the odd colored vane on your arrow (see diagram) and always check the alignment of the vane in the crossbow (ensuring the odd colored vane is positioned down).

▲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 HP/Alpha-Nock HPX or the Alpha-Blaze/Alpha-Blaze HPX 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 400-grains. Using arrows lighter than recommended can cause a dry-fire effect and cause the limbs to break resulting in serious personal injury.

* Failure to correctly seat the arrow against the string can cause a partial or "simulated" dry-fire effect. If this were to occur, the crossbow must be taken to an Authorized Service Center or sent to TenPoint for possible repair of the trigger box components.

NOTE: Failure to correctly align the nock in the receiver may also cause this condition.

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 (pages 3-4), 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.

▲CAUTION

- 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 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 (on ACUslide crossbows).
- Use TenPoint's String Wax and Conditioner or Bohning Textite on all non-served areas of cables and the bowstring. Then, completely burnish in the wax after application.

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



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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 AND ACUSLIDE MAXX MAINTENANCE

Your ACUslide/ACUSLIDE MAXX cocking device should remain relatively maintenance-free unless you notice wear, fraying, or tears on the cocking strap. Contact the Customer Experience Department for a 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 the Customer Experience Department at 330-628-9245, or submit your repair request to our website, www.tenpointcrossbows.com, for a Return Authorization Number and further instructions.

My trigger box will hang-up/not slide down to the string.

- You did not complete the back-wind process correctly the last time you cocked the crossbow and the brake needs to be properly disengaged. Hold the Gear Stop Button, then back-wind the silver collar one (1) complete turn by hand or until it stops.

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 6 & 7), 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.

My shot groups are erratic.

- Make sure you backwind correctly after cocking the crossbow. The trigger box will not be level if you did not backwind after cocking, possibly causing erratic groups.

- 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 the Customer Experience Department.

My camo is coming off of the crossbow.

- Some crossbow surfaces are subject to normal wear and tear.
- Camo can come off of crossbow surfaces due to exposure to bug repellent from hands, and other body parts.
- If you have questions about wear and tear, contact the Customer Experience Department. They can determine if the condition is normal or excessive.

My trigger box will only sit on/behind the DFI (Dry-Fire-Inhibitor) and not attach to the string.

- The crossbow may have experienced a partial or "simulated" dry-fire effect on a previous shot. The crossbow must be taken to an Authorized Service Center or sent to TenPoint for possible repair of the trigger box components.

RETURNING YOUR CROSSBOW FOR SERVICE

To return your crossbow for service, you must either call the Customer Experience Department 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).
- TenPoint will not accept C.O.D. or "freight collect" shipments and will not reimburse shipment charges.
- 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
Vengent S440 & Stealth 450	HCA-70319	HCA-70418
Nitro 505, Flatline 460, Vapor RS470, Havoc RS440, Siege RS410, & Siege 425	HCA-70318	HCA-70418
Viper 430	HCA-70319	HCA-70419
Venom X	HCA-11621	HCA-11622
TX 440	HCA-70321	HCA-70421
TRX 515	HCA-70320	HCA-70420
Viper S400* & Turbo S1** - See serial numbers below for exceptions	HCA-70319	HCA-70418
*Viper S400 serial number: 0041.005810 or higher	HCA-70319	HCA-70419
**Turbo S1 serial number: 0051.005243 or higher/ 0042.007498 or higher	HCA-70319	HCA-70419

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 Series 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.

Effective 2022, in the case of refurbished crossbows, the warranty is as follows: TenPoint ACUslide Series Crossbows have a 3-year maximum warranty for refurbished crossbows.

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 Experience 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 UPS.

NOTE: An Authorized Service Center in your area may also be able to perform Warranty Service* for you. A list of Authorized Service Centers can be found at www.tenpointcrossbows.com > **Support** > **Find a Service Center.**

*You can expect to pay a labor charge to the Dealer for the crossbow repair even if the parts are covered under the Limited Lifetime Warranty and sent to the Dealer at no charge.

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 OR ACUSLIDE MAXX 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) Damage is caused by using arrows not equipped with the required Alpha-Nock/Alpha-Nock HP/Alpha-Nock HPX systems;
- (8) 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.



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WARRANTY CLAIMS

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 not 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 the Customer Experience Department 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.

NOTE: An Authorized Service Center in your area may also be able to perform Warranty Service* for you. A list of Authorized Service Centers can be found at www.tenpointcrossbows.com > **Support** > **Find a Service Center**.

*You can expect to pay a labor charge to the Dealer for the crossbow repair even if the parts are covered under the Limited Lifetime Warranty and sent to the Dealer at no charge.

Effective 2022, in the case of refurbished crossbows, the warranty is as follows:

TenPoint ACUslide Series Crossbows have a 3-year maximum warranty for refurbished crossbows.

International Customers:

Please contact your local Distributor.



DEFINING CROSSBOW PRECISION

TENPOINT CROSSBOW TECHNOLOGIES®

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