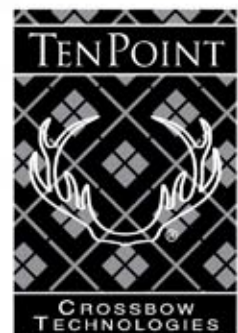


2001

OWNER'S INSTRUCTION MANUAL

- **STEALTH-X2™**
- **MAGNUM-X2™**
- **TURBO Extreme™**
- **WoodsMan Plus™**
- **WoodsMan SE™**
- **TITAN™**
- **ACUdraw™**



...the mark of perfection™

Note: The products discussed in this manual are covered under the following TenPoint Crossbow Technologies patents and any patents pending:
U.S. Patent No's. 5,987,724; 5,649,520; 5,598,829; 5,553,596; 6,095,128.

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1 With your foregrip hand positioned as shown above, you will severely injure your thumb if you fire your crossbow.



2 With your foregrip hand positioned as shown above, you will severely injure your fingers when you fire your crossbow.



3 With your foregrip hand positioned near the crossbow cables as shown above, you will severely injure your fingers if you fire your crossbow.

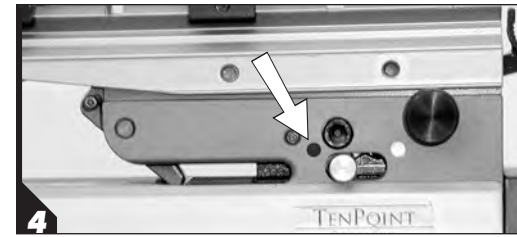
WARNING: (READ FIRST)

To make certain you do not void your warranty or injure yourself and/or others, do not assemble or operate your crossbow without first reading this manual.

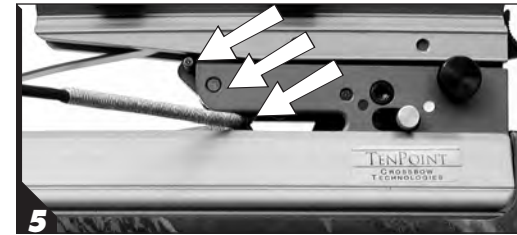
SAFETY INSTRUCTIONS

Follow these strict and absolute safety rules when cocking, loading, pointing, and shooting your crossbow.

- **Never allow your foregrip hand's fingers or thumb to move above the barrel's flight deck or into the bow string or cables' release path** (photos 1, 2, & 3). **If you do, you will injure yourself severely when you fire your crossbow.**
- **Do not** cock your crossbow until you are ready to load it.
- **Do not** move the trigger's safety knob to the **FIRE (red dot)** position until you are ready to shoot.
- **Always** point your crossbow in a safe direction. **Never** point it at or toward another person or **never** at or toward anything you do not intend to shoot.
- When target shooting, set up in a safe, open area with a proper target and backstop.
- **Make certain** others are well behind you when shooting. People standing beside you are vulnerable to injury if, among other things, a string, cable, or limb were to break.



4 Make sure the trigger's safety is in the FIRE (red dot) position before cocking your crossbow.



5 The bowstring will be held by the DFI™ and only appear to be cocked - if you try to load it while the safety is in the SAFE (white dot) position.



6 When you cock your crossbow correctly, the safety will automatically move to SAFE(white dot) and the string latch will engage the string.

- **Make sure** the trigger's safety is in the **FIRE (red dot)** position before cocking your crossbow (photo 4). Neither the string latch nor the safety will engage if you attempt to cock your crossbow with the safety in the **SAFE (white dot)** position. The bow will appear to be cocked while the string is held in place by the Dry-Fire-Inhibitor (photo 5). When you cock your crossbow correctly, the trigger's safety will automatically move from the **FIRE (red dot)** position to the **SAFE (white dot)** position (photos 4 & 6).
- **Do not** fire your crossbow if branches or other obstructions block its limbs' release path. Doing so can be extremely dangerous.
- **Be certain** of your intended target before shooting. **Watch out** for hunters in camouflage clothing.
- Your crossbow was designed for hunting and target shooting only. **Do not** use it for any other purpose. It is a dangerous and deadly weapon.
- Carefully examine your crossbow and arrows for worn, loose, damaged, or missing parts every time you use them.
- **Do not** use your crossbow if it is not in top working condition. Follow the maintenance and operating instructions in this manual.
- If you have any questions regarding the operation of or the operating condition of your crossbow, immediately contact **TenPoint Crossbow Technologies™ Customer Service Department at 330.628.9245.**
- **Do not** alter any of your crossbow components or accessories. Doing so will void your warranty and may be dangerous.
- **Do not** attempt to adjust your crossbow's draw weight or to change its cables, limbs, or strings without proper tools and instruction. Have a qualified professional perform these tasks.
- **Do not** use crossbow arrows that do not meet TenPoint Crossbow Technologies™ specifications. See *Use the Correct Arrow* later in this manual. In particular, **do not** use excessively light arrows (weighing less than 378 grains) that may damage your crossbow or cause injury.
- When cocking your crossbow, hold the bowstring firmly with all four fingers of both hands and **do not** allow it to slip free. If the bowstring slips out of your hands or if an arrow is not solidly in contact with it when you fire the crossbow, a dry-fire can occur. A dry-fire is dangerous and can severely damage the bow and/or cause injury.
- **Do not** transport or store your crossbow while it is cocked or loaded.
- Make sure broadheads are safely covered by using a proper quiver.
- **Do not** carry your crossbow while climbing up or down a tree. Hoist and lower the crossbow –unloaded– with a rope or heavy cord.
- **Always** wear a safety belt when hunting from a treestand.

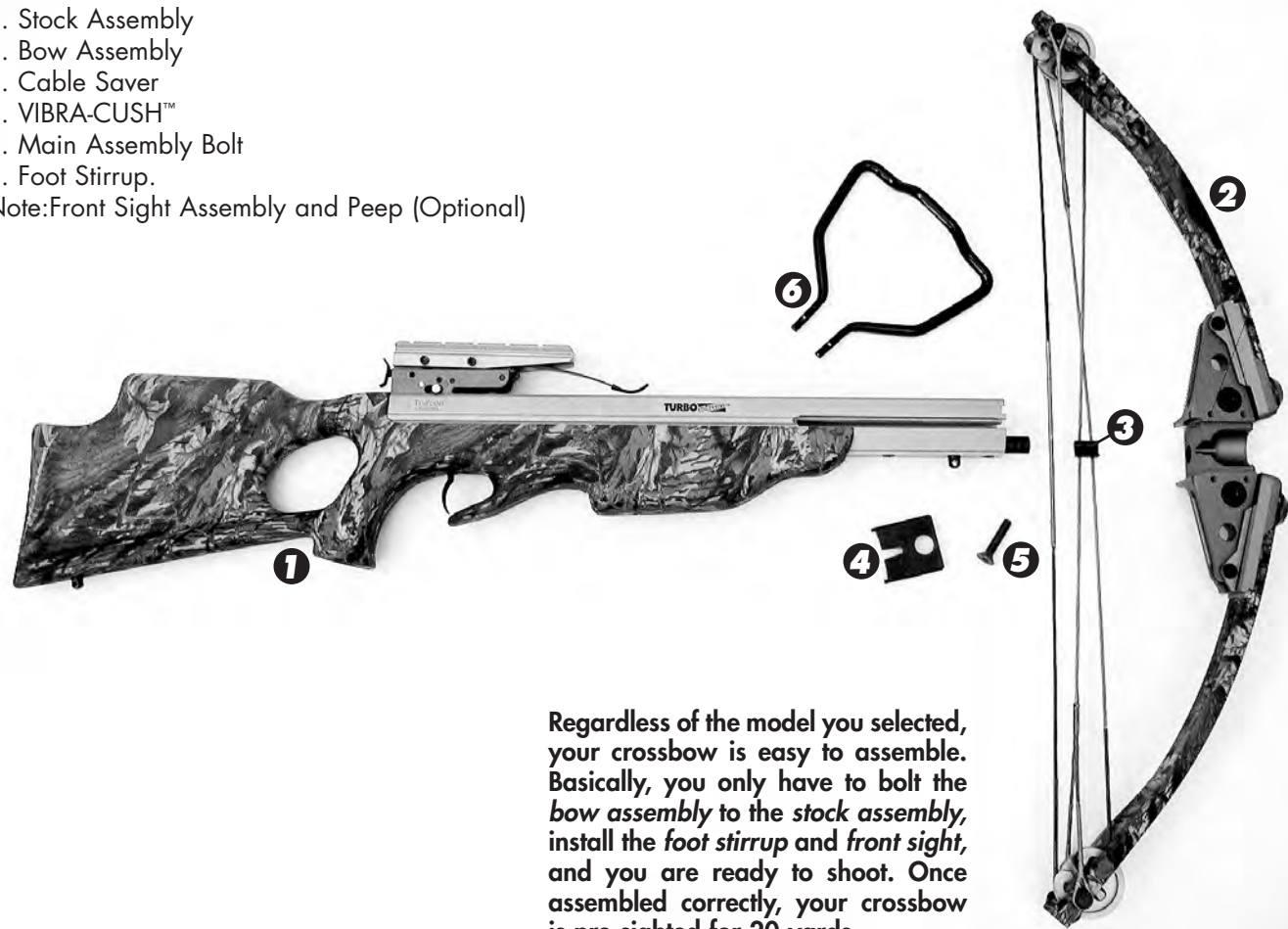
Customer Service Department
330.628.9245

Please contact us if you have questions about the operation of the operating condition of your crossbow.

ASSEMBLY

1. Stock Assembly
2. Bow Assembly
3. Cable Saver
4. VIBRA-CUSH™
5. Main Assembly Bolt
6. Foot Stirrup.

Note: Front Sight Assembly and Peep (Optional)



Regardless of the model you selected, your crossbow is easy to assemble. Basically, you only have to bolt the bow assembly to the stock assembly, install the foot stirrup and front sight, and you are ready to shoot. Once assembled correctly, your crossbow is pre-sighted for 20-yards.

First, layout the contents of your crossbow box in front of you. Be certain the box contains all of the following items before beginning assembly

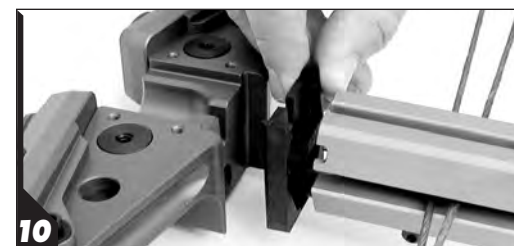
- One (1) complete stock assembly.
- One (1) complete bow assembly.
- One (1) VIBRA-CUSH™
- One (1) foot stirrup
- One (1) large clear plastic bag containing paperwork (including a warranty card) and two (2) other small sealed plastic bags, containing the main assembly bolt, allen wrenches, a rail lube sample; and a front sight assembly if your bow is a WoodsMan™ without a scope or a TITAN™.

Note: The STEALTH X-2™, MAGNUM X-2™, and TURBO Extreme™ do not come standard with a peep and pin sight system. They come with a 7/8-inch Weaver style scope mount designed for use with a scope. A Peep and Pin Conversion Kit is available containing a 3/8-inch dovetail, rear peep, front sight bracket, and sight pin for those who prefer a peep and pin system (HCA-071). See page 12.

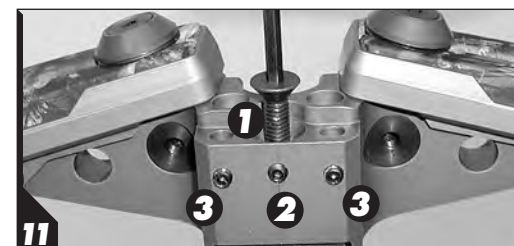
ASSEMBLY STEPS



The bow string rests on the barrel's flight deck while the cable saver and cables slide into the cable slot.



The VIBRA-CUSH™ goes between the riser and the barrel, cutout side facing the barrel.



1. Main Assembly Bolt 2. Main Assembly Bolt's Locking Setscrew 3. Foot Stirrup Locking Setscrews.



Once the foot stirrup is in place, tighten all three locking setscrews.



You can mount your front sight on either side of the riser.

1. Do not attach the bow assembly to the stock assembly without first installing the cable saver.

- When viewing the cable saver from the side, with its "dish" (concave surface) facing up, notice that one of the two cable notches is positioned deeper into the cable saver (closer to the "dish") than the other.

- Since the cables cross, one rests on top of the other. The top cable goes into the deeper of the two cable saver notches and the bottom cable goes into the shallower cable saver notch, allowing the cable saver to maintain a relatively level position on top of the two cables (photo 8).

- Before sliding the cable saver into the cable slot cut into the barrel, apply a drop of Flight Groove / Trigger Lube (HCA-111) to the "dish" (concave groove) or top of the cable saver (the part that comes in contact with the underside of the barrel's arrow flight groove). **Do not** twist or rock the bow assembly to the extent that you rub the cables along the sides of the barrel's cable slot. You **do not** want to cut any of your cable strands.

2. Attach the bow Assembly to the stock as follows:

- Rest the bowstring on the top front of the barrel's flight deck while you insert the cable saver (concave side up) and the cables into the barrel's cable slot. The cable saver's concave groove ("dish") should mate with the underside of the barrel's arrow flight groove (photo 9).

- Press the VIBRA-CUSH™ in place with its cutout side facing the barrel (photo 10).

- Slide the string (on top of the barrel) and the cables (inside the cable slot) toward the trigger assembly until the riser location rod (protruding from the front of the barrel) mates with the hole in the VIBRA-CUSH™ and riser.

- Pull (as you would if cocking) the bow assembly unit and the stock assembly unit together until they connect snugly. Again, **do not** twist the bow assembly to the extent that you rub the cables along the sides of the barrel's cable slot. You **do not** want to cut any of your cable strands.

- After you make sure the assembly bolt's locking setscrew is loosened, insert the assembly bolt and tighten it securely, but do not overtighten. (photo 11).

3. Insert the foot stirrup into the two receiving holes located at the front of the riser. Make sure the "valley" in the stirrup's foot pad points down so that it does not interfere with the arrow's flight path. Tighten the setscrews located on the bottom of the riser to lock the main assembly bolt and the foot stirrup in place (photo 12).

4. If your crossbow is equipped with a peep and pin sighting system, mount the front sight bracket using the screws provided. Notice that screw holes are provided so that you can mount it on the right or left-hand side of the riser (photo 13).

5. You are now ready to test-fire your crossbow and fine-tune your sights (See **Cocking and Loading and Sighting Your Crossbow**).

MAINTENANCE AND CARE



14 Lubricate your flight rails every 40 to 50 shots.



15 Lubricate the PowerTouch trigger through the safety slide window.



16 Lubricate the TITAN's safety plunger shaft



17 Apply a drop just inside the closed end of trigger's string slot



18 Loosen locking set screws before turning limb bolts or the main assembly bolt.

The best maintenance program begins by thoroughly checking for worn, loose, damaged, or missing parts every time you use your crossbow.

1. Immediately replace frayed or worn strings and cables. Keep your strings and cables moist and extend their life with a high quality string wax such as TenPoint Crossbow Technologies™ String and Cable Wax (HCB-110). Do not apply string wax to the center serving, barrel, or trigger. You do not want wax to collect inside the trigger mechanism.
2. Use a high quality barrel or rail lubricant such as TenPoint Crossbow Technologies™ Flight Rail / Trigger Lube™ (HCB-111) to increase arrow speed, reduce friction, and extend the life of your center serving. Its unique metal penetrating characteristics provide optimum lubrication without an oily or greasy film.

To lubricate your flight rail, apply a drop of lube in front of and behind the bowstring on each side of the rail. Then spread the lube the length of the barrel with your finger. Apply flight rail lubricant prior to each outing. One application of lubricant, however, should be adequate for 40 to 50 shots during an outing (photo 14).

Also regularly apply a drop of lube to your wheels and axles. **Do not use heavy oil, grease, or substances similar to petroleum jelly** to lubricate your crossbow parts because they will attract dust and grit and will work their way into your trigger housing making it sluggish and perhaps inoperable in cold weather.

3. Keep your trigger dry and occasionally lubricate it:

- After using your crossbow in damp or wet conditions, dry its trigger parts by aiming a blow dryer through the various holes that lead to its interior parts. To avoid rusting, spray the interior of the trigger with WD-40 (or comparable material) before you apply trigger lube.
- (STEALTH X-2™, MAGNUM X-2™, TURBO Extreme™, WoodsMan Plus™, and WoodsMan SE™) Apply a drop of TenPoint™ Flight Groove / Trigger Lube (HCA-111) through the PowerTouch™ Trigger's safety knob window while it is in both the **SAFE (white dot)** and **FIRE (red dot)** positions to lubricate the safety slide (photo 15).
- TITAN™: Apply a drop of lube to the TITAN's™ safety plunger shaft and allow it to work its way into the safety mechanism by sliding the safety in and out a few times (photo 16).
- Apply a drop just inside the closed end of the trigger's string slot to lubricate the safety slide and string latch (photo 17).

4. Do not expose your crossbow to excessive heat such as leaving it in an automobile trunk on a hot day or storing it next to a furnace. Store it in a cool dry place. Storing your crossbow in an unheated garage or damp basement may cause some of its parts to rust. Again, if you get your crossbow wet, make certain you dry and lubricate it before storing it.

5. To avoid stripping your main assembly bolt and limb bolts, be certain to loosen their respective locking set screws before tightening or loosening them (photo 18).

6. Only TenPoint Crossbow Technologies™ is authorized to repair the RangeMaster™, the PowerTouch™ trigger mechanism, and / or the ACUdraw™ automated cocking unit accessory. If repairs are necessary, contact the **Customer Service Department for a Return Authorization Number** and shipping instructions.

COCKING AND LOADING



19 If you do not cock your crossbow exactly according to these instructions, chances are you will not group your arrows consistently.

Practicing the following cocking, loading, and shooting procedures until they become second nature will insure that you shoot safely and accurately every time:

1. Before cocking your crossbow, the safety knob (or safety plunger on the TITAN™ model) must be set on the **FIRE (red dot)** position. Otherwise, the string latch will not engage or hold the bowstring. If you try to cock your crossbow with the safety in the **SAFE (white dot)** position, the DFI™ (Dry-Fire-Inhibitor) will catch and hold the string, making the crossbow appear to be cocked. However, when the DFI™ instead of the string latch holds the bowstring, you cannot fire the crossbow. When cocked correctly, the bowstring will automatically set the safety and the string-latch will grasp and hold the string (See earlier photos 5 & 6).
2. With the underside of your crossbow facing your body, place your foot far enough into the stirrup so that it will not slip out when you draw the string.
3. Inaccurate cocking is the most frequent cause of inaccurate shooting. With any crossbow, if the bowstring is not perfectly centered on the string latch when cocked, the bow will not shoot consistently accurate. To insure a perfect draw, grab the string along the sides of the barrel with all four fingers of each hand. Slide the hands together so that the index fingers of both are clearly against the sides of the barrel (Our ACRA-ANGLE™ barrel allows you to slide your index fingers along the barrel without getting pinched (photo 19)).
4. Using the sides of the barrel as your guide - and with a secure grip - pull the string toward the trigger assembly until you hear and feel the string latch and the safety engage. Make certain the latch is holding the string securely before you relax your grip. The more aggressively you draw the string back, the easier it is to cock. Over time, you will develop a drawing technique that will make cocking the bow quite easy.
5. All recent crossbow models are equipped with a DFI™ (Dry-Fire-Inhibitor), TenPoint Crossbow Technologies™ patented device, which prevents the bow from dry firing if an arrow is not loaded (photo 20). Remember, if you try to cock the crossbow with the safety knob in the **SAFE** position, you will pull the string past the DFI™, which will hold the string in a position that appears as if it were cocked. But, the bow will not be cocked, and it will not fire an arrow. To finish cocking the bow, move the safety to the **FIRE** position and firmly finish the cocking motion. You will feel and hear the string latch and the safety engage as the safety knob or plunger moves into the **SAFE** position.
6. Even though the safety automatically engages when you latch the string, **make certain** it is in the **SAFE** position before putting your finger on the trigger. You cannot be too careful. And, again, remember: **never** point a cocked crossbow at anything you do not intend to shoot, and **never** release the safety until you are ready to shoot.
7. Place a TenPoint™ recommended crossbow arrow in the flight groove on the top of the barrel. Slip a vane or feather into the flight groove, and slide the arrow back under the arrow retention spring until it rests securely against the string. You are now ready to aim, release the safety, and shoot.



20 TenPoint's patented DFI™ (Dry-Fire Inhibitor)

CAUTION

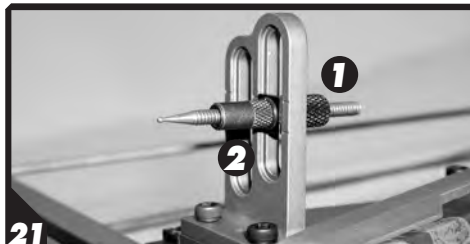
Do not perform maintenance or repairs you are not qualified to make. If you have any questions regarding maintenance or repair, call the Customer Service Department 330.628.9245.

UNLOADING

You may leave your crossbow cocked or loaded while you are in your tree stand or ground blind. **Do not**, however, leave it cocked overnight or while being stored.

The recommended - and the safest - way to unload your crossbow is to fire an arrow into soft ground or into a suitable target. You should carry a practice arrow in your quiver when hunting and use it for unloading.

SIGHTING YOUR CROSSBOW



1. Elevation lock nut. 2. Windage lock nut.

STEALTH X-2™, MAGNUM X-2™ & TURBO Extreme™

The STEALTH™, MAGNUM™, and TURBO™ models are designed to be used with a scope and come with an adjustable 7/8-inch Weaver style dovetail scope mount. You can order these models with or without a Millett™ 30 mm Red Dot Scope. If you wish to shoot them with a peep and pin sighting system, you must purchase the Peep & Pin Conversion Kit (HCA-071). See page 12. It includes a 3/8-inch dovetail, rear peep sight, and front bracket and pin assembly.

WoodsMan Plus™, WoodsMan SE™ & TITAN™

The WoodsMan™ models are available with a peep and pin sighting system or with a 4-power x 1-inch Mini Crossbow Scope (HCA-085). When you purchase the WoodsMan™ with a scope, we include a Fixed 7/8-inch Dovetail Scope Mount (HCA-078).

The TITAN™ is available only with a peep and pin sighting system. However, you can purchase an optional Fixed 7/8-inch Dovetail Scope Mount (HCA-078) if you wish to mount a scope on the TITAN™.

Regardless of their sighting systems, all models are 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 sights to your aim, shooting style, and to the specific arrow and point combination you select.

- Pin sights:** For precision sighting, work from a bench rest starting at a distance of 10-yards from your target. **Make certain to keep your hands and fingers away from the cables and the flight path of the string.** (See photos on page 1). Skip the 10-yard step if you are fine-tuning your factory setting.
 - Looking through your rear peep sight, center the sight pin in the peep and then align the pin with your target. Shoot several arrows at the same spot to establish a grouping pattern. If your arrows are not grouped tightly, chances are there is a flaw in your shooting technique.
 - Loosen the elevation (up & down) lock nut on your sight pin. Correct for elevation first since it is the easier of the two to correct (photo 21).
 - To “zero” or correct your sight pin, one simple principle applies: always move the pin in the same direction as the impact point of your arrow grouping (i.e. *follow the arrow*). For example, if the impact point of your group is too low, lower the sight pin to correct the error. If you are shooting too high, raise the pin to correct the error. Once you make your correction, tighten the sight pin lock nut securely.
 - Repeat the same procedure to correct a windage (right or left) error. Again, correct the error by moving the pin in the direction of the error. That is, move the pin to the right if you are shooting too far right, and vice-versa.
 - Move back to 20-yards – or the yardage you want your pin set for and repeat the procedure again.

- Scopes:** All scopes contain windage and elevation adjustment dials. Remove their protective caps and use a screwdriver or thin coin to adjust them. Their dials will indicate the direction in which to turn them to make a particular correction.
- Rear Peep Sight:** On the WoodsMan™ and TITAN™ models, the peep mounts in a fixed position. When you purchase a Peep and Pin Conversion Kit (HCA-071) for a STEALTH™, MAGNUM™, or TURBO™, the peep mounts anywhere along the 3/8-inch dovetail scope mount.

RANGEMASTER™ SCOPE ADJUSTMENT MECHANISM

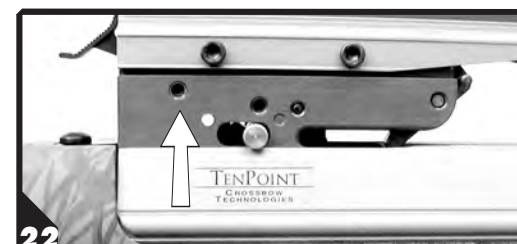
(STEALTH X-2™, MAGNUM X-2™ & TURBO Extreme™)

Available only on the STEALTH™, MAGNUM™, and TURBO™, the RangeMaster™ Rear Scope Adjustment Mechanism is a thumb-operated lever that allows you to adjust for yardage in pre-set increments of 10-15 yards depending on your model, the draw weight, and the arrow and point combination you employ when using a scope.

To set the system, start with the thumb lever in its uppermost position and zero your scope in at 20-yards (or the beginning yardage you desire). Then, without ever taking your eye off the scope, each downward click of the mechanism will add approximately 10-yards or more to your shot.

The actual yardage distance between each click of the RangeMaster™ system will depend upon the crossbow's draw weight and the weight of the arrow you shoot. The combination of those two factors control arrow speed and trajectory. You will need to experiment with your draw weight/arrow weight combination to determine the distance each click will add to a shot for your particular model.

The RangeMaster™ also comes equipped with a tension-adjustment set screw (photo 22) to regulate the “feel” or tension of the mechanism and a lock-down thumbscrew (photo 23) to immobilize the system or “lock” the RangeMaster™ system in a fixed position during target shooting, for example. These screws are located opposite one another on either side of the back part of the trigger box. A small spring and ball bearing are located under the tension-adjustment set screw (photo 22). Turning the setscrew clockwise increases the force (and vice-versa) on the ball bearing as it moves along the series of indentations machined into the side of the RangeMaster™ cam.



The tension-adjustment setscrew



The lock-down thumbscrew

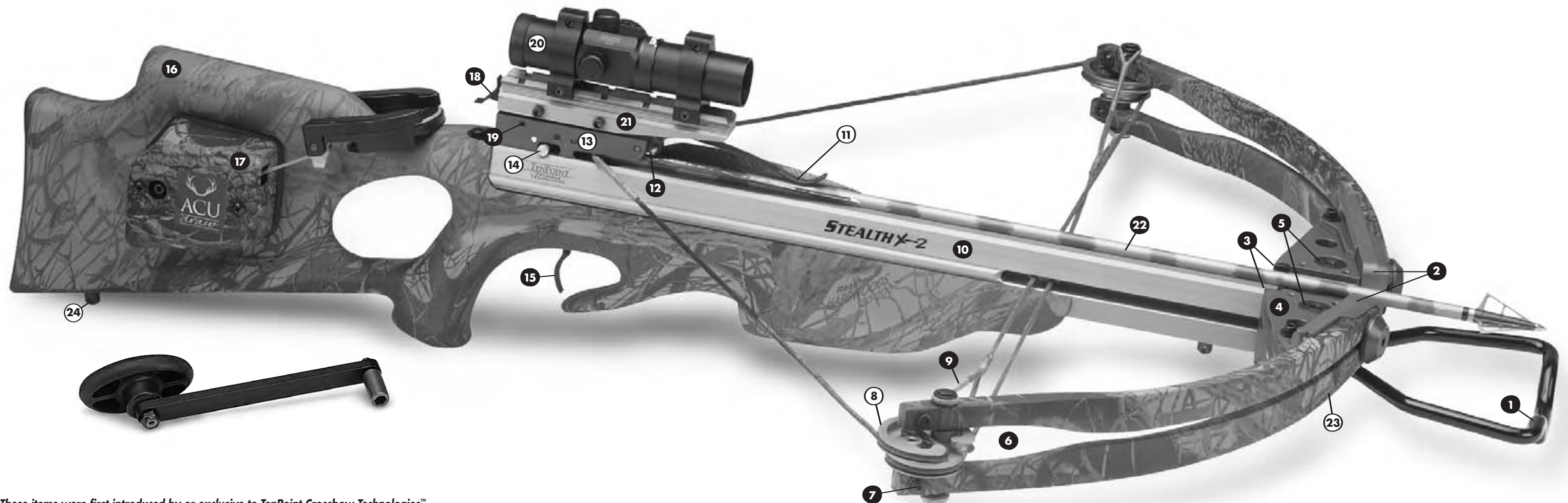
TENPOINT™ Crossbow Technologies...

The Industry Standard for Design, Performance and Durability

- 1 Lightweight aluminum foot stirrup with sound-dampening rubber coating.
Note: Coating not included on WoodsMan™ & TITAN™ models.
- 2 Lightweight, thin-line machined aluminum pivoting limb pockets allow you to lower the draw weight by as much as 40 lbs., using TenPoint's™ Poundage Conversion Kit, HCA-087. Perfect for those who prefer or need a lower draw weight.
Note: WoodsMan™ & TITAN™ limb pockets are fixed and non-adjustable.
- 3 VIBRA-CUSH® **patented** bow-to-barrel mounting system. Dramatically reduces vibration and noise level, making TenPoint™ crossbows the quietest on the market.
- 4 Lightweight machined aluminum riser cut to exacting tolerances. Includes locking setscrew system for the main assembly bolt and limb bolts. TenPoint™ bow assemblies do not vibrate loose.
- 5 Limb-bolt locking setscrews.
- 6 ST™ Limb System. The best crossbow limbs made today. Available only on the STEALTH X-2™, MAGNUM X-2™, & TURBO Extreme™ models. Incredibly smooth and reliable, this unique four-limb design reduces recoil and noise while its powerful stroke delivers unequalled speed and kinetic energy.
Note: WoodsMan™ & TITAN™ models feature our TL-4™ high performance, advanced quad limb system.
- 7 Power Limb-Tip Caps™. Provide unmatched strength and improved performance for all TenPoint™ limbs.
- 8 Precision CNC machined aluminum wheels.
- 9 Synthetic cable yokes for the ultimate in tunability and stability.
- 10 ACRA-ANGLE™ barrel. Extruded aluminum design features angled sides to prevent finger injury and insure accurate cocking. TenPoint's™ TURBO Extreme™, MAGNUM X-2™, & STEALTH X™ barrels are hard-coated to a 60+ Rockwell finish to reduce wear and string friction and to increase speed. All other models are black anodized.
- 11 ACRA-ARROW™ retention spring. Extra long to enhance arrow flight. Tip is coated to reduce vibration noise.
- 12 DFI™ System. **Patented** Dry-Fire-Inhibitor prevents a dry-fire when no arrow is loaded.
- 13 CLAWOVER™ String Catch. Releases from above the string rather than below it like most crossbows. Allows the string to travel the flight deck vibration-free, insuring stable, accurate arrow flight.
Note: The TITAN™ model employs a string catch that releases from below the string.
- 14 Ambidextrous safety. Moves from "fire" (red dot) to "safe" (white dot) when you cock the crossbow.
Note: The TITAN™ model's safety is also ambidextrous and is operated by a unique single plunger located at the rear of the trigger housing.

- 15 PowerTouch™ **patented** trigger. Precision machined to exacting standards, and with its 3-lb. pull, it is recognized as the finest crossbow trigger made today. The TURBO Extreme™, MAGNUM X-2™ & STEALTH X-2™ model crossbows also include an adjustable trigger-travel feature, allowing you to set the trigger travel to fit the situation - short for target shooting - long for hunting with gloves.
Note: The TITAN™ model features a conventional trigger action with a remarkably crisp release and unique ambidextrous plunger safety.
- 16 New FST IV™ Stock. Shorter and lighter, this new, functionally superior thumbhole design features a higher cheek piece for improved comfort and accuracy and a larger foregrip for better stability and greater safety.
Note: The WoodsMan SE™ model comes with our FST III™ stock.
- 17 ACUdraw™ **patented** Integrated Automated Cocking Unit. When operated by a hand crank, the ACUdraw converts the crossbow's draw weight to a mere 5 lbs., making crossbow hunting accessible to anyone who cannot draw 150 lbs. or higher. Also assures an accurate draw every time. Available as a stock-option on all models, it also can be retrofitted to any TenPoint™ crossbow after purchase.
- 18 Thumb-Operated RangeMaster® Scope Adjustment Mechanism. By simply moving the thumb-operated lever from one position to another, you can adjust your yardage without ever taking your eye off the scope. Features a dual tension-adjustment setscrew and lock-down thumbscrew system. The RangeMaster™ system is not included in the WoodsMan™ & TITAN™ crossbow models, which feature fixed sight-bridge designs.
- 19 RangeMaster® tension adjustment screw. The mechanism's lock-down thumbscrew, used to immobilize the RangeMaster® Scope Adjustment Mechanism, is located directly opposite the tension adjustment screw on the other side of the trigger box. A Fixed Position Kit for the RangeMaster® Scope Mount (HCA-072) comes with each STEALTH, MAGNUM, & TURBO model. It allows you to convert the adjustable scope mount to a fixed scope mount if you choose.
- 20 Millett™ Illuminated Red Dot Scope. Available as an accessory or as a stock-option on our TURBO Extreme™, MAGNUM X-2™, & STEALTH X-2™ models. The finest scope and crossbow combination available. When these models are ordered without the Millett™ scope, they do not include a peep and pin sighting system. You must purchase

- a Peep and Pin Conversion Kit, HCA-071, if you want to use pin sights with these three models.
- 21 A Machined Aluminum 7/8" Dovetail Scope Mount is standard on all STEALTH, MAGNUM, & TURBO models. Integrated to work with the RangeMaster® Rear Scope Adjustment Mechanism, it includes an adjustment screw (and locking setscrew) to regulate and micro-tune the dovetail elevation angle. WoodsMan™ & TITAN™ crossbows have a fixed sight bridge that will accept an optional Fixed 7/8" Dovetail (HCA-078).
- 22 TenPoint's™ Turbo EX™ arrow. Our XX78, 2219, 20-inch Easton® Aluminum shaft is the strongest and straightest aluminum shaft made today. TenPoint™ is an Easton® Complete Crossbow Arrow Resource™, and, therefore carries a complete line of custom crossbow arrows for the entire crossbow industry.
- 23 The main assembly bolt's locking setscrew and the foot stirrup's two attachment setscrews are out of view, located on the underside of the crossbow's riser.
- 24 Sling swivel stud.



● These items were first introduced by or exclusive to TenPoint Crossbow Technologies™

ADJUSTABLE 7/8-INCH DOVETAIL SCOPE MOUNT

(STEALTH X-2™, MAGNUM X-2™ & TURBO Extreme™)

The STEALTH, MAGNUM, and TURBO crossbow models come equipped with our Weaver-style Hardcoated 7/8-inch Adjustable Scope Mount (HCA-077-H), which works in conjunction with the RangeMaster Scope Adjustment Mechanism.

Designed for scopes, these three crossbow models are not available with a peep and pin sighting system. To convert them for use with a peep and pin system, you must purchase a Peep and Pin Conversion Kit (HCA-071), consisting of a 3/8-Inch Adjustable Scope Mount, Rear Peep Sight, and Front Sight Assembly. See next page.

Both the 3/8-inch and 7/8-inch scope mounts pivot on the front Allen head screw (photo 24) located on the side of the scope mount. **Never** turn this screw so tight that the scope mount no longer freely rocks forward and back on it.

The purpose of the rear Allen head screw (photo 24) located next to the pivoting Allen head is to pull the sides of the scope mount closer together to eliminate sideways movement of the mount. Likewise, **never** turn it so tight that the scope mount no longer freely rocks forward and back.

A coil spring located in front of the pivoting Allen head screw and out of sight between the scope mount and the trigger box forces the scope mount to return to its original position following the recoil of each shot. With the pivoting screw turned too tight, the bow's recoil will force the scope rail to pivot forward, but it will not return to its starting position, making it impossible to shoot accurately from shot to shot.

You will notice that the scope mount is preset at the factory with a slight forward tilt or pitch. The adjustment screw for the angle of pitch is located on top of the dovetail and may be hidden by a scope. Ordinarily it is not necessary to adjust the pitch further. However, if your scope's elevation adjustment screw cannot be turned far enough to make a needed sight correction, use the dovetail pitch-adjustment screw to change the pitch or angle of your dovetail to optimize your scopes adjustability potential.

To reset the dovetail pitch-adjustment screw, first loosen its locking set screw, located at the end of the dovetail right in front of the RangeMaster™ thumb-lever (photo 25).

CONVERTING RANGEMASTER TO A FIXED MOUNT

(STEALTH X-2™, MAGNUM X-2™ & TURBO Extreme™)

If you wish to remove the RangeMaster™ Rear Scope Adjustment Mechanism from a STEALTH™, MAGNUM™, or TURBO™ in order to have a scope mount that is completely non-adjustable, all three models come standard with a Fixed Position Kit (HCA-072) and installation instructions.



24 1. Rear allen head screw. 2. Front allen head screw.



25 Loosen the locking setscrew (1) before setting the dovetail pitch-adjustment screw (2).

PEEP AND PIN CONVERSION KIT

(STEALTH X-2™, MAGNUM X-2™ & the TURBO Extreme™)

If you choose to use a peep and pin sighting system with a STEALTH™, MAGNUM™, or TURBO™ model, you must purchase a Peep and Pin Conversion Kit (HCA-071) consisting of a 3/8-inch Adjustable Dovetail Scope Mount, a Rear Peep, and a Front Sight Bracket and Pin Assembly. Installation instructions are contained in the conversion kit.



26

FIXED 7/8-INCH DOVETAIL SCOPE MOUNT

(WoodsMan™ & TITAN™)

WoodsMan™ model crossbows can be purchased with or without our 4 Power x 1-Inch Mini Crossbow Scope. When you purchase the WoodsMan with the scope, it comes pre-mounted on our optional Fixed 7/8-Inch Dovetail Scope Mount (HCA-078). When purchased without a scope, the WoodsMan™ models come with a peep and pin sighting system. The peep is mounted on the bow's fixed sight bridge. If you wish to add a scope later you must purchase the Fixed 7/8-Inch Dovetail Scope Mount (HCA-078) (photos 27 & 28).

The TITAN™ model crossbow comes with a peep and pin sighting system and cannot be ordered with a scope (photo 29). Like the WoodsMan™ bows, however, you can purchase an optional Fixed 7/8-Inch Dovetail Scope Mount (HCA-078), to make the bow scope-compatible.

The pitch (slight forward tilt) of the Fixed 7/8-Inch Dovetail Scope Mount used on the WoodsMan™ and TITAN™ crossbow models is set by placing a washer-type spacer between the dovetail and the top of the trigger box at the rear screw hole before tightening the dovetail mounting screws. You can modify the pitch further by using a different sized spacer or multiple spacers.

ADJUSTING YOUR TRIGGER TRAVEL

(STEALTH X-2™, MAGNUM X-2™ & TURBO Extreme™)

The STEALTH™, MAGNUM™ and the TURBO™ models include an adjustable trigger-travel feature that allows you to set the travel of your trigger to suit varying shooting situations. If you own one of these models, you can adjust the travel of your trigger by using a 3/32-inch Allen wrench. The trigger-travel is preset for minimum travel at the factory. Adjust the travel as follows:

- Turn your crossbow upside down and locate the small hole drilled in the stock just behind the trigger stem.
- Insert a 3/32" Allen wrench in the hole and slip it into the Allen head screw located on the bottom of the trigger housing (photo 30).
- Once inserted, you can see the trigger stem move forward and backward as you turn the screw clockwise and counter-clockwise (forward = long travel / backward = short travel).



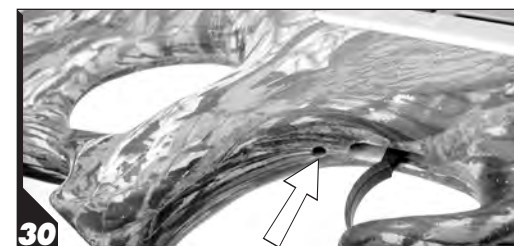
27 The WoodsMan with Peep and Pin System.



28 The WoodsMan requires a Fixed 7/8-inch Dovetail scope mount if you want to use a scope.



29 The TITAN comes with a Peep and Pin sighting system only but can be converted to a scoped system.



30 Insert a 3/32 Allen wrench in the hole located just behind the trigger stem.

ADJUSTING THE SAFETY



31 Access the safety tension screw through the top of the dovetail on STEALTH™, MAGNUM™, and TURBO™ models. Access the safety tension screw through the top of the sight bridge on WoodsMan™ and TITAN™ models.

If your trigger's safety moves either too hard or too easy you can adjust its tension. If the tension is too light, your safety may also automatically slip into the **SAFE** position after a shot – a position you do not want it in the next time you cock your crossbow.

To adjust the tension insert an Allen wrench in the hole located on top of your dovetail (on top of the sight bridge on WoodsMan™ and TITAN™ models). Locate the adjustment screw and turn it clockwise to increase the tension or counterclockwise to ease the tension (photo 31).

TITAN™ TRIGGER



32 The TITAN™ trigger has an ambidextrous plunger safety and a drop or down latch bowstring catch. The safety is shown in the SAFE position in this photo.

The TITAN™ trigger differs from the patented PowerTouch™ trigger used in all of our other crossbow models.

First, it contains an ambidextrous center-plunger safety mechanism that extends from the rear of the trigger box when the trigger is in the **SAFE** position. When you are ready to shoot your TITAN™, push the plunger forward to deactivate the safety. (photo 32). Like all models the safety must be in the **FIRE** position to successfully cock the bow.

Second, the TITAN™ trigger's string catch is a "down catch", meaning that it drops below the surface of the barrel to release the string. The PowerTouch™ trigger's string catch lifts up to release the string.

While the TITAN™ trigger pull is smooth and crisp, and superior to other manufacturers' "down catch" triggers, it is somewhat heavier than the 3 pound pull of the PowerTouch™ trigger.

You should maintain the TITAN™ trigger in the same manner as the PowerTouch™ trigger. That is, keep it dry, lubricated, and free from dust and debris.

USE THE CORRECT ARROW

Do not void your warranty. When shooting your crossbow, use our Easton aluminum 20-inch TenPoint Crossbow™ arrows equipped with a blunt nock (flat cap). Do not use moon knocks. They may make your arrow fly erratically. TenPoint™ makes crossbow arrows in the following sizes and alloys:

ARROW		ALLOY		
		XX75	XX78	5086
	2219			
	2216			
	2315			

TenPoint Crossbow Technologies™ recommends using finished arrows weighing at least 378 grains with all commercially produced hunting crossbows. The 2219 arrow, being heavier, will place less stress on your crossbow and will generate more kinetic energy than the other arrows listed.

STRING AND CABLE ADJUSTMENT CHART

FOR DEALERS (APPROXIMATE SETTINGS)

Only qualified professionals with proper tools and equipment should attempt to make repairs or adjustments to TenPoint Crossbow Technologies™ crossbows or should attempt to change cables and/or strings. The following cable/string-twist chart represents a good starting point for achieving optimum poundage and performance when changing cables and strings.

MODEL	CABLE TWISTS	STRING TWISTS
Stealth X-2™	12	10
Magnum X-2™	10	10
Turbo Extreme™	15	10
WoodsMan Plus™	Steel	15
WoodsMan SE™	Steel	15
Titan™	Steel	15

Note: The section of the cable yokes that attach next to the lower limbs on quad-limb bows or next to the bottom side of solid-limb bows should be twisted approximately three (3) times prior to attachment. This adjustment should prevent limb-twist while cocking the crossbow.

YEAR 2001 STRINGS AND CABLE GUIDE

		STRINGS			CABLES				
		HCA-115	HCA-117	HCA-119	HCA-120	HCA-122	HCA-124	HCA-125	HCA-126
BOWS	HuntsMan 1994-1997								
	HuntsMan 1998								
	HuntsMaster without yokes 1994-1995								
	HuntsMaster with yokes 1995-1997								
	HuntsMaster TL-4 1998								
	458 Magnum 1996-1997								
	458 Magnum TL-4 1998-1999								
	Woodsman 1998								
	Woodsman +								
	Woodsman SE & Titan								
	Turbo Extreme								
	Magnum Extreme								
Magnum X-2									
Stealth X-2									

STRING AND CABLE SPECIFICATIONS

PART NUMBER	LENGTH	MATERIALS
HCA-115	37.5	Fast Flight -32 strands
HCA-117	37.5	B-66 -22 strands
HCA-119	36.625	Fast Flight -32 strands
HCA-120	26.5	Fast Flight -32 strands
HCA-122	26.875	Fast Flight -32 strands
HCA-124	21.5, 12" yoke	Fast Flight -32 strands
HCA-125	26.5	3/32 steel cable with ball end
HCA-126	21.5, 12" yoke	3/32 steel cable with barrel end, B-66 yoke

INTEGRATED AUTOMATED COCKING DEVICE

All TenPoint™ crossbows can be ordered with our patented ACUdraw™ automated cocking unit already installed or they can be retrofitted with one at the factory anytime after purchase. In addition, we offer an ACUdraw™ retrofit program for Horton crossbow models that use the Hunter Express SL and Yukon stocks, most Excalibur models, and the Buckmaster crossbow.

The premier cocking unit available anywhere today, the ACUdraw™ makes crossbow hunting and shooting safer and more accessible. Weighing about one pound, it features a gear reduction mechanism so effective that anyone with normal hand strength can crank it with one finger. Even if you have the strength to draw today's modern crossbows, the ACUdraw™ offers you the advantages of cocking your bow consistently straight every time and cocking it effortlessly and safely from a seated position in your treestand.

Compactly built into the crossbow's butt stock, it does not interfere with shooting. In fact, most ACUdraw™ owners say it enhances shooting accuracy by affording a comfortable and stable platform to position the side of the shooter's chin against.

It is also perfect for almost anyone - male or female, young or old who, for whatever reason, cannot cock a crossbow.

WARNINGS AT A GLANCE

The ACUdraw™ is a powerfully built yet sensitive mechanism. To avoid damaging the unit or injuring yourself or others, heed these warnings. Carefully read the entire set of instructions before operating your ACUdraw™.

- **Don't** use your ACUdraw™ to uncock your crossbow. Carry a practice arrow that you can shoot into a target or into the ground.
- **Don't** operate your ACUdraw™ if your draw cord is frayed or worn.
- **Don't** crank your ACUdraw™ without first engaging the safety lever.
- **Don't** crank your ACUdraw™ in reverse when the claw is fully extended or when it is in its storage position.
- **Don't** start cranking your ACUdraw™ until you are certain the crank and the claw are seated securely in their respective ready-to-cock positions.
- **Don't** over-crank your ACUdraw™.
- **Don't** allow the crank to slip out of your hand.
- **Don't** forget to return the claw to its storage position after cocking the crossbow.
- **Don't** place your foot in the stirrup when operating your ACUdraw™.
- **Once the crossbow is cocked, it is dangerous to release the safety pawl (lever) without first placing just enough forward (clockwise) pressure on the crank handle to relieve the tension on the winch. Without letting go of the crank, disengage the safety and unwind the crank no more than three turns to relieve the bow string tension before removing the crank. With the tension relieved and the crank removed, do not forget to return the claw to its storage position. (See photos 7, 8 & 9).**



1. Cover. 2. Safety Winch Lever. 3. Drive Hex. 4. Crank. 5. Claw in Storage Position.



6. Draw Cord. 7. Guide Post. 8. String Slots.



Properly relieve the tension on the ACUdraw unit before lifting the claw out of its storage position.



Connect the string slots to the bowstring and lower the guidepost into the barrel's flight groove.

WARNING!

Study these directions carefully. You can severely injure yourself and/or damage your ACUdraw™, if you do not operate it according to these instructions.

1. If your draw cord (photo 1, item 6) and safety pawl (lever) (2) are under tension while the claw (5) is in its storage position (5), first relieve that tension by inserting the crank (4) in the drive hex (3) and applying a slight amount of clockwise pressure (photo 3). Then push the safety winch lever down to disengage it. Once disengaged lift the claw from its storage position behind the trigger box, pull it over the trigger box assembly, and securely connect its string slots (8) to the bowstring (photo 4).

The guidepost (7) located at the front of the claw will drop into the barrel's flight groove and keep the claw centered as you crank the mechanism. Make certain your draw cords do not get hung-up on your scope, the PowerTouch™ trigger's brass safety knobs or any other part of the crossbow (photo 5).

2. Notice that the draw cord passes completely through the claw, insuring that the claw remains centered as you crank the mechanism. This self-centering feature promotes shooting accuracy because it makes the mechanism cock your bowstring consistently straight time-after-time.

3. Lift the safety pawl (lever) to engage it. Insert the crank, or a battery-operated drill or screwdriver equipped with a 1/4 - inch socket and a clutch or torque setting, in the drive hex (photo 6).

4. Stand the bow erect on its foot stirrup or place it on a table or platform in front of you and firmly hold the butt of the stock in your left hand. **Note:** for left-handed cranking, simply turn the bow around so that the crank engages the hex on your left-hand side.

5. With your PowerTouch™ trigger's brass safety knob (safety plunger on TITAN™ models) in the **FIRE** (red dot) position, begin cranking the ACUdraw™ clockwise (or powering it forward with a battery-operated drill or screwdriver). It takes approximately 23 turns to cock the crossbow. You will know the crossbow is cocked when you see both the trigger safety move to the **SAFE** (white dot) position and when you hear the string latch engage the bowstring (a double-clicking sound). You must stop cranking at this time.

6. Once cocked, you can see that the claw holds the bowstring under tension rather than the trigger's string latch holding the bowstring (photo 7). You must relieve that tension before attempting to disengage the safety or removing the claw.

7. Once the crossbow is cocked, place a small amount of additional clockwise pressure on the crank to relieve the pressure on the safety pawl (lever) and to allow you to disengage it (photo 8). Trying to disengage the safety without relieving the pressure can damage the mechanism. As you disengage the safety pawl (lever), hold the crank securely while you unwind it **no more than three turns** to relieve the bowstring pressure (continuing to unwind the ACUdraw™ after the pressure is relieved will damage the mechanism). Remove the crank only after the mechanism is no longer under pressure (photo 9).



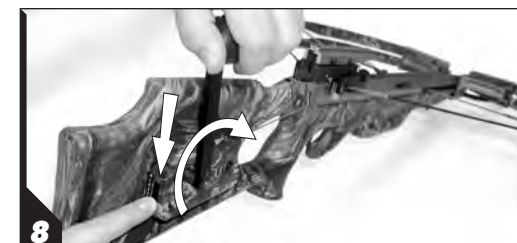
Don't allow the draw cord to get hung-up on any part of the bow.



Engage the safety, insert the crank, and begin cranking.



Notice that the string is under heavy tension once the bow is cocked.



To avoid damaging your ACUdraw once your bow is cocked, apply a small amount of additional clockwise force to the crank, disengage the safety winch, and unwind the mechanism two to three turns to relieve the string tension.



After three reverse turns you can see that the pressure is off the claw. You can then remove the crank.



10 Once you relieve the sting tension on your cocked crossbow and remove the crank, you can slide the claw forward and return it to its storage position.

8. Slide the claw out of the trigger box until it clears the arrow retention spring, and return it to its storage position (photo 10). An internal retraction spring will automatically spool the draw cord back inside the mechanism. If you wish to keep the claw from moving around or making noise while it is in its storage position, simply engage the safety winch and turn the crank no more than two or three clicks to remove any cord slack.
9. You are now ready to load your crossbow with an arrow.

OPERATING PRECAUTIONS

WARNING

The Operating Precautions are as equally important as the Operating Instructions. Read these to insure that you do not injure yourself or damage your ACUdraw™.

- **Always** check your draw cord prior to using your ACUdraw™ to insure that it is not worn or frayed. If it shows **any** wear, DO NOT use the mechanism. Contact your dealer or our Customer Service Department at 330.628.9245 to have it replaced. If you use your ACUdraw™ regularly, consider replacing the draw cord every year.
- **Never** crank the ACUdraw™ in reverse (counter clockwise) when the claw is fully extended or in its storage position. Doing so will damage the retraction spring.
- **Never** crank the ACUdraw™ with the safety pawl disengaged. If the crank were to slip out of your hand, it would spin out wildly and could cause property damage or bodily injury.
- **Never** use your ACUdraw™ to uncock your crossbow. It is dangerous to do so because you must disengage the safety pawl to crank counter clockwise. The safest way to uncock your crossbow is to fire a spare arrow equipped with a practice point into soft ground or into a suitable target.
- **Never** place your foot in the stirrup when cranking the ACUdraw™. While the draw cord can hold over 700 pounds of weight, it is subject to fraying and cutting. If it were to break while cocking the mechanism, the claw would shoot forward with extreme force.
- **Do not** over-crank the mechanism. Stop cranking the mechanism immediately after the trigger's brass safety knob (safety plunger on TITAN™) moves to **SAFE** (white dot) to avoid damaging the crossbow and/or over-stressing the draw cord. The ACUdraw's™ gear-reduction mechanism is so strong that it can pull the trigger box out of the barrel and/or break the draw cord if you over-crank it.
- If you choose to crank your ACUdraw™ with a battery-powered screwdriver or drill, select a variable speed model that operates between 4.2 and 12 volts and has a clutch or torque setting. Do not use an excessively powerful battery-powered model or a direct current, 110-volt model. While the draw cord is more than adequate to handle normal use, a high-power drill can overpower the cord and the entire unit.

CAUTION

Make sure the front of your crossbow's arrow retention spring is not sitting so low that the ACUdraw's string claw catches it instead of passing under it. If the spring is sitting too low, bend it up just enough for the claw to pass under it.

- Once your crossbow is cocked, **never** attempt to release the safety pawl without first applying a small amount of clockwise pressure to the crank. Once you disengage the safety pawl, carefully **unwind the mechanism no more than three turns** (*the only time you may crank the mechanism in reverse*) to relieve the string tension before removing the crank and returning the claw to its storage position. Continuing to unwind the mechanism more than three turns after the string tension is relieved will damage your ACUdraw™.
- **Never** leave the claw in the trigger box after cocking the crossbow. Always return it to its storage position. If you forget to remove it and inadvertently load an arrow and fire the crossbow, the bowstring will wildly launch the claw (shoot the claw), causing potentially severe property damage and bodily injury.

MAINTENANCE AND CARE

- Operate your TenPoint™ ACUdraw™ with care. Like any quality precision instrument, it must be maintained and operated properly to remain in good and safe working condition.
- Prior to each use, examine your ACUdraw™ carefully to make certain it is in good working condition. If it requires repair and/or maintenance, contact TenPoint's Customer Service Department at 330.628.9245 for a Return Authorization Number (RA) and return instructions.
- Keep your ACUdraw™ oiled and stored in a dry place when not in use. Avoid getting the mechanism wet. If it does get wet, remove the covers (1), dry it (you may want to use a hair dryer, and use a high grade lubricant such as TenPoint's Flight Rail/Trigger Lube (HCA-111) to keep it operating smoothly and free from rust.
- Use TenPoint's Sting/Cable Wax (HCA-110) to wax the draw cord. At the first sign of cord wear, do not use the ACUdraw™. Contact your dealer or TenPoint's Customer Service Department at 330.628.9245 to arrange to replace the cord.

ACUdraw™ RETROFIT PROGRAM

for Horton, Excalibur, Buckmaster Crossbows

For those customers who have purchased our ACUdraw system for a Horton, Excalibur, or Buckmaster crossbow, carefully follow the operating and maintenance instructions in this manual.

Be sure your safety is in the **FIRE** (off) position before you attempt to cock your crossbow. Stop cranking when you see the safety knob or lever move to the **SAFE** (on) position.

Since Excalibur and Buckmaster crossbows have a manual safety, you must move the safety to the **SAFE** (on) position after you cock the crossbow. Stop cranking these bows' ACUdraw mechanisms as soon as the trigger latch engages the bowstring.

If you own a Horton crossbow equipped with their Dial-A-Range, set the dial on 2 or 3 while operating the ACUdraw.

TenPoint Crossbow Technologies

1325 Waterloo Road
Suffield, OH 44260
330.628.9245

www.tenpointcrossbows.com

The ACUdraw is protected under U.S. Patent No. 6,095,128

Limited Lifetime Operational Warranty

Subject to the terms and conditions outlined below, TenPoint Crossbow Technologies™, guarantees its crossbows against defects in materials and workmanship for the lifetime of the original owner.

1. The purchaser must activate the warranty by completing and mailing the warranty card included with the crossbow within 30 days of the purchase date.
2. Our obligation is limited to the repair or replacement of the defective part or parts.
3. Any defect must adversely affect the operation of the crossbow.
4. The warranty excludes abuse and neglect, crossbow strings, cables, and wheels.
5. The bow limbs are guaranteed for three years from the date of purchase.
6. TenPoint Crossbow Technologies™ reserves the right to request proof of purchase.
7. This warranty is void if damage is caused by dry-firing, if other than recommended arrows are used with the crossbow, if our owner's manual instructions are not followed, or if the crossbow or any of its parts or accessories have been altered from their original state.
8. In states where permitted, we assume no liability for incidental or consequential damage or for incidental expenses.
9. **This warranty is void for any crossbow rented or loaned to others by a retailer, wholesaler, or shooting range operator, or other commercial business organization, whether or not a fee is charged for its use.**

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 shipping container.

Insure your shipment and send it via U.S. Postal Service or UPS, prepaid.

Include your name, address, daytime phone number, and a brief description of the claim inside the package.

Important Note: Your warranty card contains the serial number of your crossbow. Make certain the number on the card and on your crossbow match. If they do not, or your warranty card is missing, or you have any questions about the contents of this manual, contact our **Customer Service Department immediately 330.628.9245**.

ACUdraw™ Limited One-Year Operational Warranty

Subject to the terms and conditions outlined below, TenPoint Crossbow Technologies™ guarantees its ACUdraw™ Automated Cocking Unit against defects in materials and workmanship for a period of one year (1-year) from the date of its original purchase

1. The purchaser must provide proof of purchase, including purchase date.
2. Our obligation is limited to the repair or replacement of the defective part or parts.
3. Any defect must adversely affect the operation of the ACUdraw unit.
4. The warranty excludes draw cords and damage due to abuse or neglect.
5. This warranty is void if damage is caused by firing the crossbow with the ACUdraw string claw positioned in the trigger's string slot, if our owner's manual instructions are not followed, or if the ACUdraw or any of its parts have been altered from their original manufactured state.
6. In states where permitted, we assume no liability for incidental or consequential damage or for incidental expenses.
7. **This warranty is void for any ACUdraw™ installed on a crossbow that is rented or loaned to others by a retailer, wholesaler, or shooting range operator, or other commercial organization, whether or not a fee is charged for its use.**

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 shipping container.

Insure your shipment and send it via U.S. Postal Service or UPS, prepaid.

Include your name, address, daytime phone number, and a brief description of the claim inside the package.