



# INSTRUCTION MANUAL

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I would like to personally thank you for welcoming Scorpyd Crossbows into your hunting family. “The most innovative, technologically advanced crossbow in the world” is not just a slogan, it’s a fact! Others claim to be quiet, *we are*. Others claim to be smooth, *we are*. Others claim a good trigger, *ours is the best*. (And by the way, we’re also, pound for pound, the fastest!)

Thanks Again,

Jim Kempf  
 President/CEO  
 Scorpyd Crossbows

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## **IMPORTANT SAFETY INSTRUCTIONS**

Read this entire manual BEFORE using your crossbow. If you do not understand something, consult your dealer, or call 319-538-8540 before using your crossbow.

### **ALL SCORPYD CROSSBOWS HAVE A MANUAL SAFETY**

As soon as you cock your crossbow, engage the safety to the “S” or safe position, and leave in this position until you are ready to shoot the crossbow.

Once you have read the manual, this is the order in which you will cock your crossbow:

1. Engage cocking device with bowstring
2. Place foot in stirrup (except when using ACUdraw)
3. Cock crossbow
4. ENGAGE SAFETY
5. Disengage cocking device
6. Remove foot from stirrup

**DO NOT COCK YOUR CROSSBOW UNTIL YOU HAVE READ & UNDERSTAND THIS ENTIRE MANUAL**

**Notice:** Every attempt has been made to make Scorpyd Crossbows as safe to use as possible. However, crossbows are mechanical devices that classify as lethal weapons, and should only be used by competent individuals. Do not use if you are drowsy, or under the influence of alcohol or drugs (prescription or recreational). Adult supervision is required for individuals under 18 years of age.

## **ARROW SELECTION**

Scorpyd Crossbows have a longer power stroke than traditional crossbows, which is why we use arrows that are at least 20” long. We also recommend that you use arrows with a spine stiffness rating of 300 or greater (250-150).

Scorpyd also requires the use of certain style nocks in all of our crossbows. The “Q” nock, made by Firenock, comes in many arrows sold by Scorpyd. The “Q” nock looks like a conventional vertical bow nock, and actually snaps onto the bow string. Black Eagle Scorpyd spec arrows come with a proprietary capture nock.

If you opt for an illuminated nock, the “Q” nock accepts all lighted circuits made by Firenock. The second style nock is the capture style nock made by Lumenok.

**DO NOT USE FLAT NOCKS!** Proper indexing of the “Q” nock and the Lumenok is still critical to prevent the string from going under the arrow, which partially dry fires the bow (which, as you know, voids the warranty).

### **Recommended Arrows:**

- Black Eagle Executioner Scorpyd Spec with “Q” nock or capture nock
- LumenArrow with capture nock
- ArrowBolt II with “Q” nock

**USE OF FLAT NOCKS WILL VOID WARRANTY**  
***USE OF “Q” NOCKS or CAPTURE NOCKS***  
***IS REQUIRED***

## Arrow Guide

Model	Draw Weight	Minimum Arrow Weight	Length
RDT 100	100#	375	22"
RDT 125	125#	375	22"
RDT 165	165#	400	22"
Telson 110	110	375	22"
Telson 130	130	375	22"
SLP 165	165	400	22"
Ventilator	150	400	22"
Velocity	165	400	22"
VTEC	165	400	22"
Orion	150	400	22"
Ventilator Extreme	175	400	22"
Orion Extreme	175	400	22"
VTEC Extreme	175	400	22"
Aculeus	175	400	22"
DeathStalker	130	375	20"

## ASSEMBLY

Scorpyd Crossbows come almost ready to shoot. Follow these steps to finish assembling your crossbow:

1. Attach quiver bracket by inserting two 10 x 24 screws into the threaded holes on the bottom side of the foot stirrup. Depending on the quiver you use, spacers may be required.



2. Attach sling, if supplied

3. Mount optional tripod bracket (shown below)



Place bracket on bottom side of riser and insert then tighten screws



Attach ball head adapter as shown

4. Mount scope



## COCKING YOUR CROSSBOW

Before cocking your crossbow, be sure to inspect it for damage or wear. Inspect strings for wear. If servings are worn through, DO NOT USE.

**Scorpyd Crossbows have a Manual Safety.** The safety must be in the “F” or fire position to enable the crossbow to be cocked. This is the ONLY time the safety should be in the FIRE position, other than when you are ready to shoot.



All Scorpyd crossbows come with a sled cocker. It comes standard with the short-handled direct pull sled cocker (bottom). This is the quickest and easiest way to cock the crossbow, as long as you are capable of pulling the entire draw weight. An optional conventional-style rope cocker is also available (top), which cuts the draw weight in half by creating a pulley system (as shown).



### **Direct Pull Cocker:**

Engage the sled with the bow string as shown. Using even pressure with both hands, pull back on the cocker handles, keeping the sled level and flat on the barrel until the bow stops you. Now put on the safety.



### Rope Cocker:

Engage the sled with the bowstring as shown.



Grasp the rope from the cocker as shown, and pull the rope up and over the scope as shown below. You may shorten the rope if desired, which will shorten the distance needed to pull the cocker handles.



Place your foot in the stirrup, and, with even side-to-side pressure, pull back on the cocker handles. This may require some practice to become proficient. Keeping the sled flat and level on the barrel, pull back with the handles until the bow stops you.

## Kempf-TEC SEAR-LOC Trigger Assembly



The new multi-patented SEAR-LOC trigger mechanism is standard on all mid-2017 and newer Scorpyd Crossbows. It features a sear locking mechanism that doubles as an anti-dryfire device. As soon as the crossbow is cocked, the lower lip of the SEAR-LOC lever engages the sear, preventing the latch from releasing the string (FIG 3). The manual safety must be slid to the rear, further blocking the sear lever. This dual SEAR-LOC makes it virtually impossible for the latch to release the string without an arrow. As an arrow is loaded, the SEAR-LOC lever pivots to release the sear lever, yet the safety is still blocking the sear lever. THE SAFETY MUST BE IN THE SAFE POSITION AT ALL TIMES UNTIL READY TO FIRE. When ready to fire, gently slide the safety forward to the FIRE position, and squeeze the trigger. The patent pending SILENT SAFETY allows the safety to be moved into the FIRE position without making an audible noise, so as to not alert your chosen prey of their impending demise.

**Scorpyd Crossbows Multi-Patented SEAR-LOC Trigger with 2 Position Adjustable Trigger Pull**

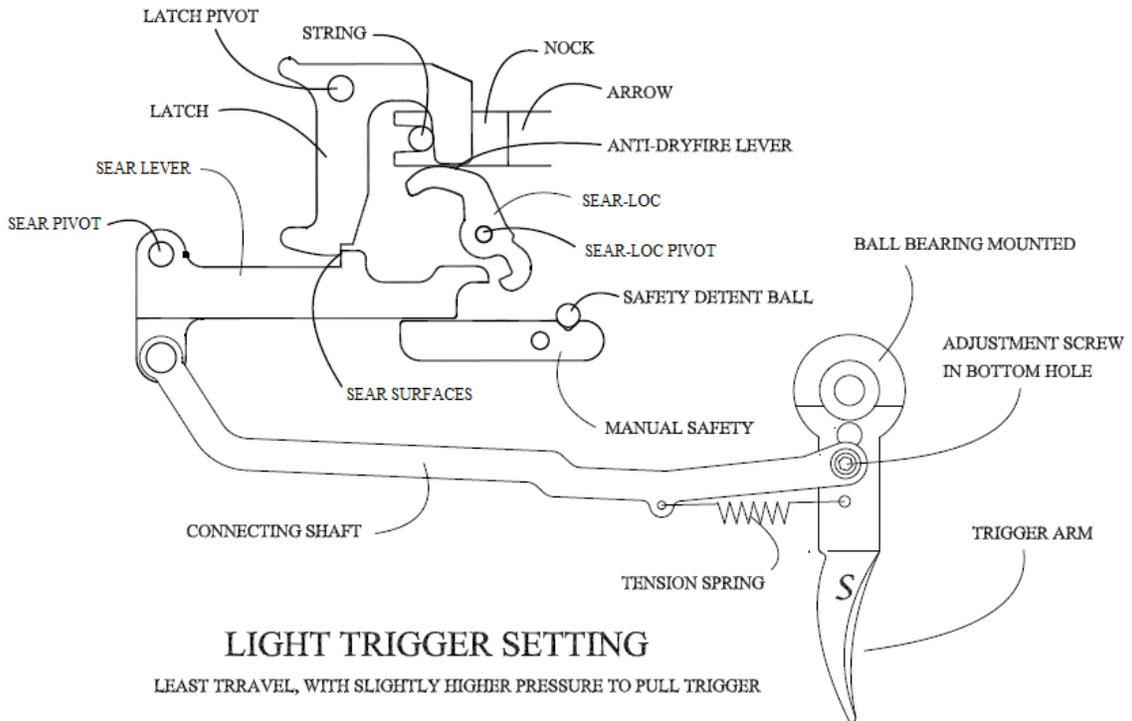
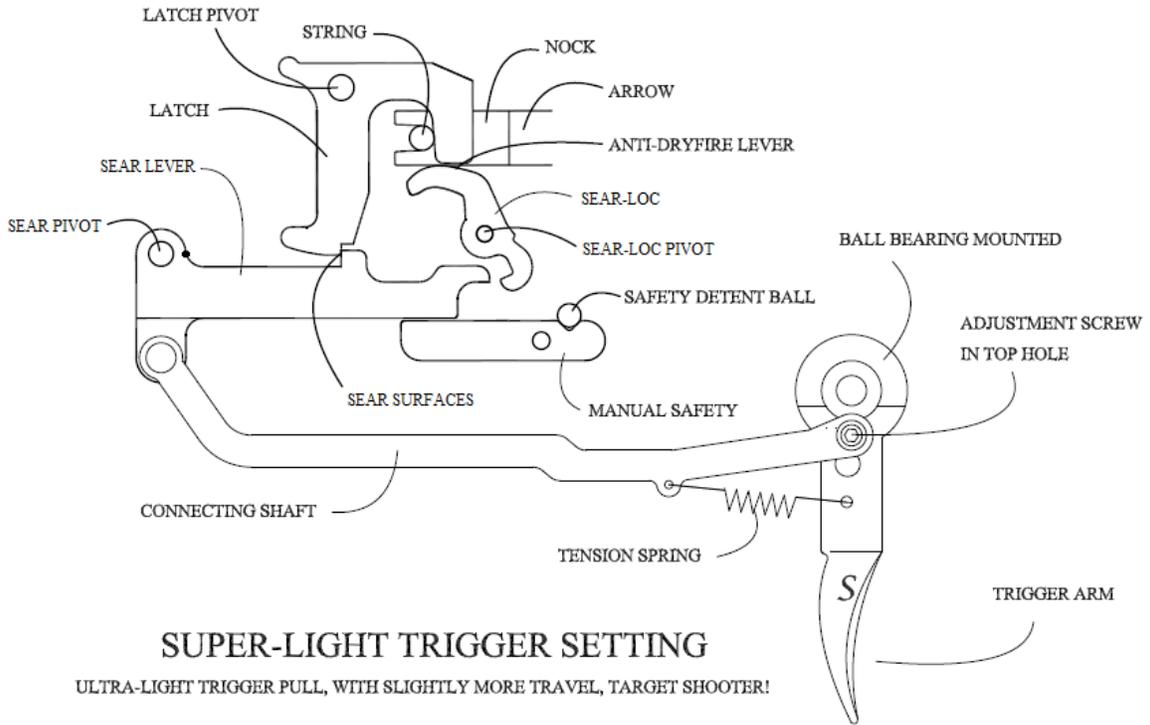


FIG 1

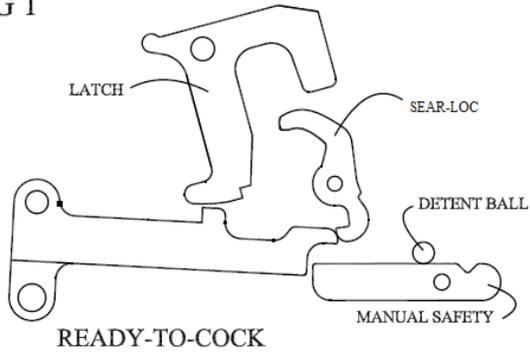


FIG 2

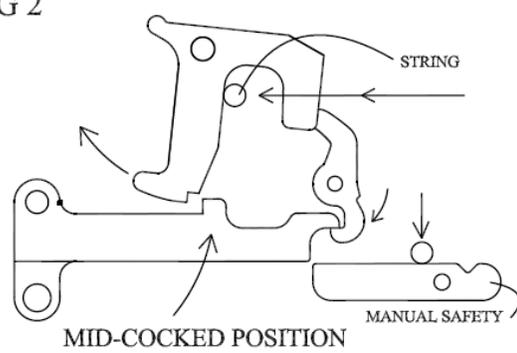


FIG 3

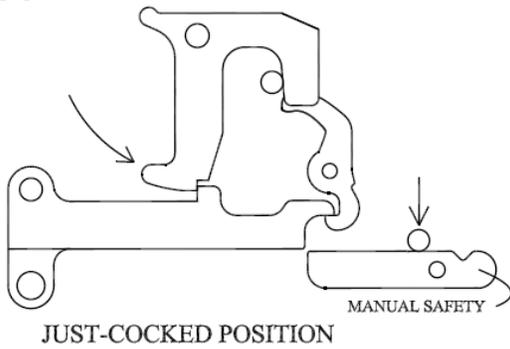


FIG 4

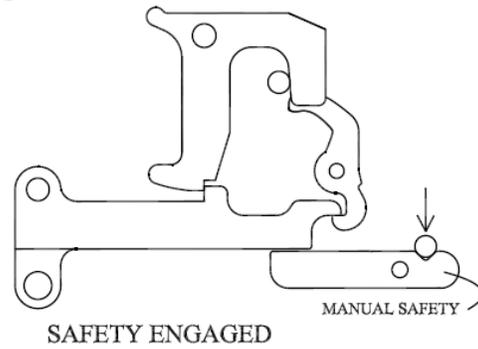


FIG 5

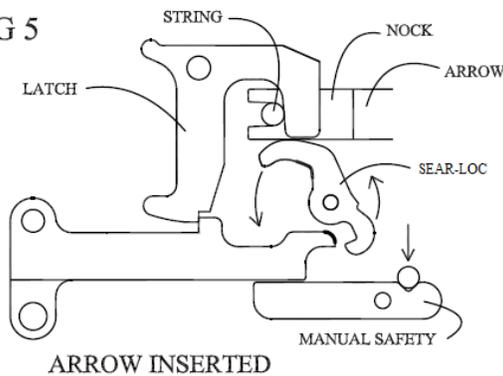
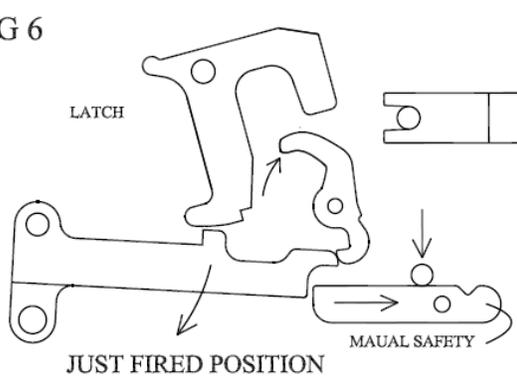


FIG 6



**NOTICE:**

With the exception of the SLP 165 model, Scorpyd crossbows have a unique and extremely safe anti-dryfire device, but you must be diligent when cocking your crossbow to ensure that you do so properly. There is a very easy way to tell if you have properly cocked your crossbow. The safety knob must be at the extreme ends of the position in order to be properly engaged. If you can not slide the safety ALL the way to the rear, the bow is not properly cocked. **DO NOT LOAD AN ARROW!**

Re-engage your rope cocker and re-cock the crossbow.

**NOTE: MUST USE SCORPYD SPEC ARROWS WITH "Q" NOCKS OR CAPTURE NOCKS (see table on page 4), USE OF FLAT NOCKS WILL VOID YOUR WARRANTY**

## LOADING & SHOOTING YOUR CROSSBOW

SAFETY MUST BE ON, slid all the way to the rear of the safety slot.

Check your arrow and nock to make sure they are not cracked or damaged. Check to make sure the nock is indexed correctly (perpendicular to the cock vane). With the cock vane down, place the arrow on the barrel and slide towards the rear into the latch mechanism, until the nock is fully engaged on the bow string. **DO NOT FORCE!**

Your crossbow is now loaded, **USE EXTREME CAUTION.**

Shoulder your crossbow. **Make sure nothing is in the flight path of your bowstring. Keep all body parts and foreign objects below barrel at all times.** Push safety forward to the FIRE position, acquire target, and squeeze the trigger.

## SIGHTING IN

We recommend that you start at a distance of 10 yards and make sure that there is an adequate backstop behind your target. Using a bench rest will allow you to sight in your crossbow much quicker than merely holding it.

Shoot one arrow at a time at the target to get a base point of impact. While the crossbow is NOT cocked, lay your crossbow on a solid surface, preferably in a gun vise, aim at the same point you previously aimed at, and chase your crosshairs to your arrow.

**NOTE:** Unless you enjoy purchasing arrows, we recommend that you do not shoot at the same spot on your target.

Back up to 20 yards, and repeat step. You will use the top crosshair (or dot) for your 20 yard sight.

Scorpyd Crossbows are available with Hawke Optics scopes. For Hawke Optics scopes, visit their website ([www.hawkeoptics.com](http://www.hawkeoptics.com)) and get your ballistic info for the scope. Follow their on-screen instructions, input your arrow speed, and the program will give you a chart for arrow drop to match your scope. Note: You must verify these distances yourself, as other factors may alter these distances slightly.

## **SERVICING YOUR CROSSBOW**

Lubricate the string, cables & string serving on a regular basis, generally every couple months of use (or at least twice a year). Do not over-lubricate, this will cause a build-up and can result in poor performance.

Rail lube may be used, but is not required for Scorpyd Crossbows. Use of Scorpion Venom brand lubricant is recommended.

Occasional use of a Scorpion Venom lube on your trigger assembly parts is recommended. A couple of drops in the safety slide opening and in the latch opening should be applied before putting your crossbow away for the season, or every 200-300 shots under heavy use.

Check all fasteners before each use.

Scorpyd Crossbows are covered by a Limited Lifetime Warranty to the original owner. A completed warranty form must be received by Scorpyd within 30 days of purchase, *along with proof of purchase.*

This warranty covers defects due to poor workmanship or defective materials. Strings and cables are not covered.

Warranty does not cover repairs that are required due to misuse, abuse, neglect, or attempts to alter the crossbow. Unauthorized disassembly of the crossbow will void the warranty.

## FIXING THE ARROW RETAINER

In the event that your arrow retainer no longer has adequate pressure to prevent the arrow from sliding forward, this simple procedure will return the necessary tension:



**Step 1**—Using a heat gun on medium/high heat, heat arrow retainer as shown for 30 seconds. (A hair dryer will work as well)



**Step 2**—Press downward on arrow retainer as shown while continuing application of heat for another 30 seconds.



**Step 3**—Remove heat but continue to hold down on the arrow retainer for another 30 seconds. Repeat if necessary.

## Crossbow with AcuDraw

**\*Do NOT put your foot in the stirrup when operating the ACUdraw!\***

### **NOTICE:**

The ACUdraw unit has a Scorpyd specific GRAY sled.

If the SLED is not GRAY, DO NOT USE IT!

A standard ACUdraw unit WILL NOT WORK, and use will VOID YOUR WARRANTY.

The ACUdraw unit is supplied to Scorpyd by TenPoint, and is a proven and reliable crank cocking unit. Scorpyd then removes the black sled and replaces it with a GRAY, Scorpyd specific sled.

Again, if the SLED is not GRAY, DO NOT USE IT on a Scorpyd Crossbow. The Scorpyd specific ACUdraw with the GRAY SLED is only available from Scorpyd and is only for use on the specific model crossbow.

### **ATTENTION:**

**DO NOT INSTALL A STANDARD ACUdraw  
ON SCORPYD CROSSBOWS**

The following pages refer to the ACUdraw Integrated Cocking Device, which is an optional device only to be used on the specific model crossbow. Refer to ACUdraw User's Guide for instructions on use and safety precautions.

**WARNING: NEVER use your ACUdraw to UNCOCK your crossbow**

**\*Do NOT put your foot in the stirrup  
when operating the ACUdraw!\***

See ACUdraw User's Guide for complete directions

**\*WARNING: REFER TO ACUdraw USER'S GUIDE FOR COMPLETE INSTRUCTIONS\***



ACUdraw with claw in storage position

NOTE: Don't overcrank the ACUdraw unit with the claw in its storage position



To remove claw, disengage the safety pawl. Push forward as shown to lift claw out of storage cradle. Lift claw out of storage cradle and pull forward to engage bow string as shown below.



Once the claw is engaged to the bow string, reengage safety pawl. Insert crank to start the cocking sequence as shown in the ACUdraw User's Guide.



Claw unit of ACUdraw in fully cocked position (claw has engaged the trigger housing). NOTE: Stop cranking as soon as the claw has reached this point. Immediately engage the safety.



**WARNING:**  
**DO NOT INSERT FOOT IN**  
**STIRRUP WHILE USING**  
**ACUDRAW**

**For Your Records:**

Date of Purchase: \_\_\_\_\_

Purchased At: \_\_\_\_\_

Serial Number: \_\_\_\_\_

(The serial number is located on the right side of the trigger housing)

