

# ASSASSIN

THE SILENT REVOLUTION

**OWNER'S MANUAL**



**EXCALIBUR**  
CROSSBOW  
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# ASSASSIN



Thank you for purchasing an Excalibur crossbow. We are confident that your new crossbow will bring years of enjoyment and enhance your hunting experience. All of our crossbows are proudly crafted at our Kitchener facility in Ontario, Canada.

We have placed heavy emphasis on how to safely handle and shoot your new Excalibur Assassin crossbow. A crossbow is inherently safe unless handled in a careless or irresponsible manner. Failure to read this manual or not follow proper operating and safety procedures, could result in damage to your crossbow, injury or death to yourself or others.

This manual covers important information for operating and servicing your Assassin crossbow, be sure to save it for future reference. If you have any questions or issues with your new crossbow please contact us:

**EXCALIBUR CROSSBOW INC.  
CUSTOMER SERVICE DEPARTMENT  
2335 SHIRLEY DRIVE  
KITCHENER, ONTARIO  
CANADA N2B 3X4**

**EMAIL: [WARRANTY@EXCALIBURCROSSBOW.COM](mailto:warranty@excaliburcrossbow.com)  
WEBSITE: [WWW.EXCALIBURCROSSBOW.COM/SUPPORT/](http://www.excaliburcrossbow.com/support/)**

**READ THESE INSTRUCTIONS CAREFULLY AND THOROUGHLY BEFORE HANDLING OR OPERATING YOUR CROSSBOW. YOU CAN ALSO WATCH INSTRUCTIONAL VIDEOS ON-LINE AT [EXCALIBURCROSSBOW.COM](http://EXCALIBURCROSSBOW.COM)**

**IF YOU HAVE ANY QUESTIONS REGARDING THE SAFE OPERATION OF YOUR CROSSBOW PLEASE CALL OUR CUSTOMER SERVICE DEPARTMENT AT 800-463-1817**

# ASSASSIN

## SIMPLY TRUSTED PROGRAM

### **WE DON'T JUST SELL YOU A CROSSBOW WE DELIVER PEACE OF MIND AND TRUST IN OUR PRODUCT**

Every crossbow Excalibur makes, is designed and engineered to give you the confidence needed for a successful hunt or shooting experience. However, Excalibur's commitment to your confidence doesn't end there. Upon registering your new Assassin crossbow, you will be eligible to purchase Excalibur's new SIMPLY TRUSTED PROGRAM.

The S.T.P is designed to give you peace of mind, knowing your Assassin crossbow is always functioning at its optimal performance - so you can concentrate on the thing that matters most - Hunting !

Only registered Assassin Owners can purchase this model specific S.T. P. service package. For only \$49.99 owners can send their Assassin to a specified service depot to receive priority service, crank rope replacement which includes a 5 year warranty extension, string replacement, full crossbow inspection complete with documentation showing what was done. Your crossbow will return ready for any upcoming hunting adventure you can throw at it!

#### **TO BE ELIGIBLE TO PURCHASE YOU MUST REGISTER YOUR ASSASSIN CROSSBOW THIS CAN BE DONE ONLINE AT:**

<http://www.excaliburcrossbow.com/register-crossbow/>

or by COMPLETING THE SUPPLIED WARRANTY CARD AND RETURN TO THE ADDRESS noted on card.

#### **EACH PURCHASE OF THE SERVICE PROGRAM INCLUDES:**

- Replacement Charger crank cocking rope
- Replacement OEM crossbow string
- Full point crossbow inspection on Trigger Mechanism, Limb Assembly , Sliding Catch, TRU-FIT Stock and Scope
- Free return shipping back to the customer



#### **S.T.P OWNER IS RESPONSIBLE FOR:**

- Properly and safely packaging their Assassin for shipping
- Shipping costs to Excalibur's service center.
- Obtaining a proper RMA#
- Service fee \$49.99 plus applicable taxes

All S.T.P returns must have a Return Merchandise Authorization(RMA) number assigned. The RMA number must be indicated on the packaging or the package may be refused. RMA numbers will expire after 30 days if product has not been received within the defined timeline. To obtain an RMA number and correct address to ship your item to please contact.

#### **CUSTOMER SERVICE AT:**

## GENERAL OPERATION SAFETY

1. Always remember to treat your crossbow with the same respect given to any sporting firearm. It can be dangerous and deadly if mishandled.
2. Always keep your crossbow pointed in a safe direction. Never point at people, property or anything you do not intend to shoot. Always confirm and identify your target before shooting.
3. Treat a cocked crossbow the same as a loaded firearm.
4. Always place the trigger safety into the “safe” position before removing your foot from the stirrup.
5. Never place any object or part of your body in the path of the crossbow’s string when cocked, serious injury or death may occur.
6. Before shooting always make sure nothing is in the path of the crossbow’s limbs.
7. Never climb a tree stand with a cocked and loaded crossbow.
8. Do not pull a cocked crossbow loaded with an arrow up into a tree stand with a rope. Never attempt to cock or uncock a crossbow in a tree stand while standing. Cock the crossbow on the ground and pull it up into the tree stand utilizing a pull rope.
9. Do not place the safety into the “fire” position until you are ready to shoot.
10. Do not attempt to modify the safety or trigger mechanism in any way. Doing so could be dangerous or deadly and will void your warranty.
11. Always check your crossbow thoroughly for worn, loose, damaged or missing parts prior to shooting. This will help avoid malfunctions and possible injury or death to you or someone else.

## SHOOTING AND HANDLING SAFETY

1. While shouldering your crossbow make sure you can comfortably handle the weight of the crossbow and have it supported in a safe manner. If a person can not adequately hold the crossbow and keep it steady they should not be allowed to shoot it.
2. Never place the safety into the “fire” position until you are ready to shoot.
3. Do not place your finger on the trigger until you are ready to shoot.
4. Confirm your fingers and thumbs are not in the path of the string. The string will cause serious damage or injury to anything it comes in contact with once it’s released from the trigger.
- 5.
6. Do not dry fire your crossbow (shooting a crossbow without an arrow). Dry firing will damage your crossbow and void the warranty.
7. Do not shoot any projectile out of your crossbow other than crossbow arrows designed specifically for use with your crossbow. Minimum total arrow weight is 350 grains for all models.
8. Before shooting, be sure the crossbow limbs will not strike a tree limb or other obstacle or personal injury can occur.

# COCKING YOUR ASSASSIN CROSSBOW

**Step 1:** Remove the crank handle from the Charger by pressing the release lever and pulling straight out of the socket.



**Step 2:** Place foot in stirrup. Push crank switch into “RELEASE” position as indicated by directional label.[FIG#1] If necessary turn crank slightly to disengage crank switch.



[FIG#1]

**Step 3:** While depressing the Full-Draw Latch (F.D.L.) push the SLIDING CATCH using BLUE SAFETY KNOB forward and down the mainframe until engaging string. [FIG#2]



Ensure SLIDING CATCH passes the Anti-Dry-Fire (A.D.F) and is securely latched to the string.

**NOTE: VISUALLY INSPECT THE STRING IS CAPTURED IN THE STRING CATCH AND NOT BY THE A.D.F.** [FIG#3]

[FIG#3]

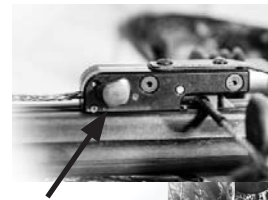


**Step 4:** Move the BLUE SAFETY KNOB to the “SAFE” position, green dot should be visible. [FIG#4]



[FIG#2]

**Step 5:** Push the crank switch into the “CRANK” position as indicated by directional label. If necessary turn crank slightly to engage crank switch. [FIG#5]



[FIG#4]

**Step 6:** Insert crank handle into Fail-Safe Strap and secure to your wrist. Insert handle into Charger socket. [FIG#6] You will hear an audible click when properly engaged. Pull back slightly to ensure the handle is properly engaged. **NOTE: CONFIRM CRANK SWITCH IS IN THE LOCK POSITION**



[FIG#5]

[FIG#6]



**Step 8:** Begin cranking clock-wise [FIG#7] until the SLIDING CATCH firmly locks into the F.D.L, you will hear an audible click. [FIG#8]



[FIG#7]

**STOP CRANKING**

**Step 9:** Push crank switch into the “RELEASE” position as indicated by directional label. If necessary turn crank slightly to release crank switch.

**Step 10:** Remove crank handle by pressing the release lever and pulling straight out of the Charger socket. Store handle in stow bracket.



[FIG#8]

**Step 11:** Follow LOADING procedure to load your Assassin crossbow with an arrow.

**SPECIAL NOTE: SHOULD YOU FIND THAT YOU HAVE COCKED YOUR ASSASSIN CROSSBOW ON THE ANTI-DRY-FIRE (ADF), SIMPLY FOLLOW THE DECOCKING PROCEDURE AND PUSH THE SLIDING CATCH DOWN THE MAINFRAME UNTIL THE STRING CATCH ENGAGES THE STRING AND COCK YOUR CROSSBOW AGAIN.**

# ARROW LOADING PROCEDURE

**Step 1:** Place the arrow in the flight groove with one vane placed down. [FIG#1] Excalibur uses a flat back insert instead of nocks, it is not critical which vane is placed in the groove, there is no cock-vane.



[FIG#1]

**Step 2:** Slide the arrow towards the STRING CATCH and under the arrow hold down spring. [FIG#2] Ensure the rear insert is touching the string.



[FIG#2]

**NOTE: CONFIRM THE ARROW IS PUSHED PAST THE ANTI-DRY-FIRE CATCH AND IS SEATED AGAINST THE STRING.** [FIG#3]

**WARNING: FAILING TO PROPERLY SEAT THE ARROW FIRMLY AGAINST THE STRING MAY CAUSE DAMAGE TO THE CROSSBOW.**

**Step 3:** Your Assassin crossbow is now loaded and must be handled with extreme caution. When ready to shoot push BLUE SAFETY KNOB forward to the fire position. **NOTE: DO NOT POINT THE CROSSBOW AT ANYTHING YOU DO NOT INTEND TO SHOOT!**



[FIG#3]

# ADJUSTING YOUR TRU-FIT STOCK

## CHEEK PIECE

1. Release the thumb screw by turning counter-clockwise.
2. Slide cheek piece FORWARDS or BACKWARDS for optimal eye to scope alignment.
3. Tighten the thumb screw by turning clock-wise.

**NOTE: OPTIMAL RANGE FOR EYE-RELIEF (DISTANCE FROM EYE TO REAR EYE-PIECE ON SCOPE) IS 2.5" - 3.5"**



## BUTTSTOCK

1. Release the top and bottom thumb screw by turn counter-clockwise until the buttplate slides easily.
2. Slide the buttstock in or out to desired LENGTH OF PULL.
3. Tighten the top and bottom thumb screws by turning clockwise until the buttplate is locked in place.

**NOTE: OPTIMAL RANGE FOR EYE-RELIEF (DISTANCE FROM EYE TO REAR EYE-PIECE ON SCOPE) IS 2.5" - 3.5"**



# DECOCKING YOUR ASSASSIN CROSSBOW

## WARNING

**REMOVE ARROW FROM THE CROSSBOW BEFORE ATTEMPTING TO DECOCK. NOT REMOVING THE ARROW BEFORE DECOCKING WILL CAUSE SERIOUS INJURY OR DEATH!**

**Step 1:** Insert crank handle into Fail-Safe Strap and secure to your wrist. Insert handle into Charger socket. [FIG#1] You will hear an audible click when properly engaged. Pull back slightly to ensure the handle is properly engaged.

[FIG#1]



**Step 2:** Place foot in stirrup and securely hold crossbow.

**Step 3:** Push crank switch into the "RELEASE" position as indicated by directional label. [FIG#2] If necessary turn crank slightly to put crank switch into "RELEASE" position. [FIG#3]

**Step 4:** Keeping a firm grip on the crank handle, apply slight clock-wise pressure to crank handle [FIG#3] while pushing the F.D.L. forward, [FIG#4] releasing the SLIDING CATCH.

Full draw weight will be transferred to the crank. Slowly crank in a counter-clockwise direction until the SLIDING CATCH and string reaches brace height and there is no further pressure on the crank handle. [FIG#5]

**MAKE SURE TO ALWAYS USE YOUR FAIL-SAFE STRAP WHENEVER COCKING OR DECOCKING YOUR ASSASSIN CROSSBOW. WHEN USED PROPERLY, THE FAIL-SAFE STRAP WILL PREVENT LOSS OF CONTROL.**

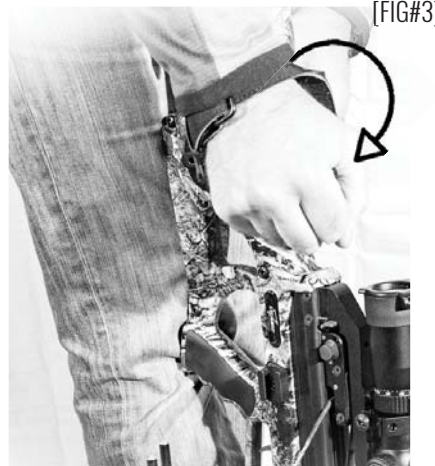


**Step 5:** Remove crank handle by pressing the release lever and pulling straight out of the Charger socket then store handle in stow bracket.

**NOTE: THE SLIDING CATCH WILL REMAIN ATTACHED TO THE STRING. [FIG#6] SEE TROUBLE SHOOTING VIDEO ONLINE HOW TO OVERRIDE THE SLIDING CATCH.**



[FIG#2]



[FIG#3]

[FIG#4]



[FIG#5]



[FIG#6]



# USING YOUR STRINGING AID (SOLD SEPARATELY)

**NOTE: THE STRING MUST BE AT BRACE HEIGHT AND NOT CONTAINED BY THE SLIDING CATCH TO USE THE CROSSBOW STRINGER**

**Step 1:** Ensure the crank handle is removed by pressing the release lever and pulling straight out of the socket.

**Step 2:** Place foot in stirrup and push crank switch into "RELEASE" position as indicated by directional label [FIG#1]. If necessary turn crank slightly to engage crank switch.

**Step 3:** While depressing the Full-Draw Latch (F.D.L.) [FIG#2] push the SLIDING CATCH forward using BLUE SAFETY KNOB until it reaches the front of the scope mount. [FIG#3] **NOTE: DO NOT ATTACH THE SLIDING CATCH TO THE CROSSBOW STRING**

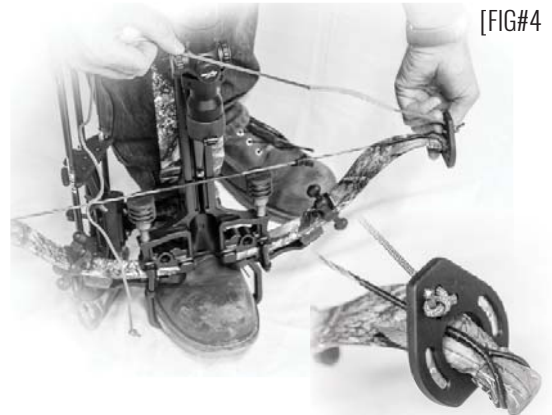
**Step 4: CROSSBOW STRINGER LIMB HOLDER KNOTS SHOULD BE ON THE OUTSIDE.** Place the CROSSBOW STRINGER limb holder over the tip of the left limb, [FIG#4] then feed the opposite limb holder behind the SLIDING CATCH, between the mainframe and SLIDING CATCH rope. [FIG#5]

Place the right limb tip holder over the right limb tip

**Step 5:** Tighten the CROSSBOW STRINGER rope until slack is removed by pulling one end of the string. Position plastic tube directly behind SLIDING CATCH to prevent damage. [FIG#6]

**Step 6:** Insert crank handle into Fail-Safe Strap and secure to your wrist. Insert handle into Charger socket, you will hear an audible click when engaged. Pull back slightly to ensure the handle is properly engaged.

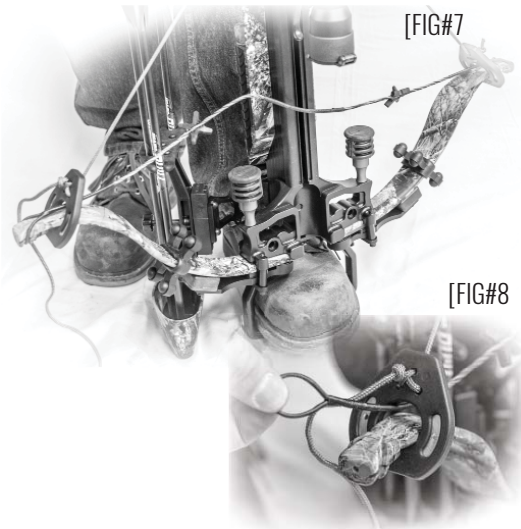
**Step 7:** Push crank switch into the "LOCK" position as indicated by directional label. If necessary turn crank slightly to put crank switch into "LOCK" position.





# USING YOUR STRINGING AID (CONTINUED)

**Step 8:** Begin cranking clock-wise, until enough tension is relieved to remove the crossbow string. [FIG#7] DO NOT FULLY DRAW YOUR CROSSBOW. Charger crank will support the draw weight of the cross-bow allowing you to free your hands.



**Step 9a:** When CHANGING YOUR STRING remove both string loops and replace with new string. [FIG#8] Confirm proper brace height.

**Step 9b:** When CHANGING BRACE HEIGHT remove string loop from left limb tip, [FIG#8] twist string **counter-clockwise** direction to shorten and place string back on the limb tip.

**Step 10:** ENSURE string is securely in position on both limb tips and centered.

**Step 11:** Insert crank handle with Fail-Safe Strap installed into the handle socket. You will hear an audible click when engaged. Pull back slightly to ensure the handle is properly engaged.

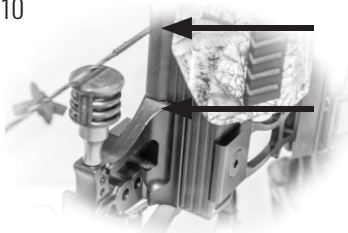


**Step 12:** Put light clockwise pressure on the crank handle to take pressure off the CRANK RELEASE.

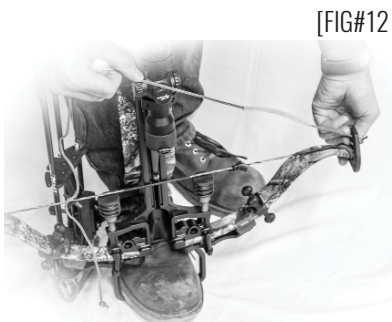
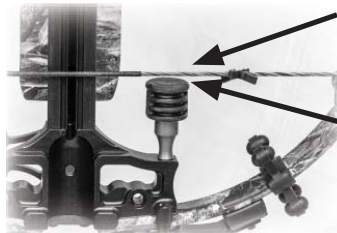
Push the CRANK RELEASE into "RELEASE" position and begin cranking counter-clockwise slowly letting the SLIDING CATCH back down to brace height [FIG#9]

**Step 13:** Confirm the BRACE HEIGHT is correct, IF NOT, repeat steps 8 through 13 until the BRACE HEIGHT is correct at 1.5" - 2" from riser [FIG#10] or 1/4" from R.E.D.S. suppressors. [FIG#11]

[FIG#10]



[FIG#11]



**Step 14:** When finished, remove the CROSSBOW STRINGER from the limb tips and remove from the crossbow. [FIG#12]

# REGULAR MAINTENANCE

Your Excalibur Assassin crossbow requires little maintenance. However, the following procedures will keep your crossbow shooting it's best for many years.

## CLEANING

Keeping your crossbow clean will assure its reliability and a long service life, plus it's a good time to inspect it for damage or loose hardware. It's common for wax from the serving to build up on the top of the rail section. An easy way to remove the wax is to use a light oil like WD40 soaked in a rag.

To clean the rest of the crossbow, soap and water or a mild cleaner can be used. Make sure to dry the entire crossbow and apply oil to all fasteners to avoid corrosion.



## OILING TRIGGER AND FASTENERS

Occasional lubrication of your trigger mechanism is necessary especially if you are using your crossbow in wet conditions. Use Ex-Oil or a similar light lubricant, applying through the safety slot and upper and lower trigger areas. Make sure to treat all fasteners with oil to prevent corrosion.



## INSPECT FASTENERS

Periodically inspect all fasteners to be sure that they have not vibrated loose from shooting, especially those holding sights, scope mounts, or sight pins. Scope mount screws should be secured using Blue Loctite or similar thread locking compound to prevent future issues. Before applying thread locker clean threads with solvent to assure a good bond.



## LUBING THE RAIL AND WAXING

Apply Ex-Wax sparingly to the center serving of the string (approximately every 30-40 shots) to help lengthen the life of the string's serving. Do not apply wax directly to the mainframe/rail. Avoid applying excessive amounts of wax, it can get into the trigger mechanism and can also result in serving separation.

Application of Ex-Lube to the rail/mainframe reduces string friction, keeps the rail clean and allows the string to slide easier.



# STORAGE AND TRANSPORTATION

1. Make sure to follow your local game laws regarding encasing your crossbow.
2. Never transport your crossbow in a vehicle while it's cocked
3. Always un-string your crossbow if it will be exposed to extreme heat, such as in an enclosed automobile on a hot day or resting beside a heat source. Excessive heat may damage the limbs of your crossbow.
4. While walking with a cocked and loaded crossbow, never allow anybody to walk in front of you.
5. Never have your finger on the trigger while walking with a cocked and loaded crossbow.
6. Never place your hand or anything in the path of the string while carrying a cocked crossbow.
7. If you are carrying hunting broadheads, carry them in such a way that the sharp edges do not cause a threat to the shooter or others. be sure they are completely covered.
8. If you plan on traveling by air with your crossbow, the best way to transport it is to take it apart and place it into an airline approved double gun hard case as show in to the photo to the right.



## COMMONLY ASKED CROSSBOW STRINGER QUESTIONS

### WHAT STRING DOES MY ASSASSIN CROSSBOW USE?

The type of string your crossbow uses is determined by the limb model. The Assassin uses MICRO Series limbs and the #1993 MICRO STRING

### DO I NEED TO UNSTRING MY CROSSBOW FOR STORAGE?

If you store your crossbow at normal temperatures you can leave it strung. If your crossbow will be exposed to extreme heat you should unstring it to avoid limb damage.

### DOES IT MATTER WHICH WAY THE LIMB HOLDERS FACE?

When using your Crossbow Stringer always ensure the knots are facing out on the limb holders before using. As show in FIGURE #1 in the above Stringing Aid instructions This will ensure the rope stays tight.



[FIG#1]

# ASSASSIN

## LIMITED LIFETIME WARRANTY

Congratulations on the purchase of your new Excalibur assassin crossbow. With proper use and care we are confident that your new crossbow will bring years of enjoyment and enhance your hunting experience.

We have placed heavy emphasis on how to safely handle and shoot your new Excalibur Assassin crossbow. A crossbow is inherently safe unless handled in a careless or irresponsible manner. Failure to read the instructional manual or not follow proper operating and safety procedures, could result in damage to your crossbow, injury or death to yourself or others. Read the instructions carefully and thoroughly before handling or operating your crossbow. You can also watch instructional videos on-line at [excaliburcrossbow.com](http://excaliburcrossbow.com)

This owner's manual covers important information for operating and servicing your Assassin crossbow, be sure to read it and save for future reference. If you have any questions on the assembly or safe operation of your new crossbow please contact us:

**EXCALIBUR CROSSBOW INC.  
CUSTOMER SERVICE DEPARTMENT**

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**WEBSITE:** [www.excaliburcrossbow.com](http://www.excaliburcrossbow.com)

**TOLL FREE:** 800-463-1817

Your Excalibur Assassin crossbow carries a limited lifetime warranty from date of purchase and registration against manufacturing defects in materials and workmanship to all parts of the crossbow including the stock, limb assembly, trigger system, cocking mechanism, and scope, when used normally in accordance with our published instructions and guide-lines. Our liability extends to parts, labor and return transportation to the customer and is non-transferable. The Limited Lifetime Warranty does not extend to string, crank cocking rope, silencing components, fasteners, arrows, hard case, damage caused from abuse, dry firing, transportation back to Excalibur service center, failure to follow safety advice and usage instructions in the manual, modifications, adding aftermarket products, alteration, failure to perform recommended maintenance ; or any other expense to property or person.

Warranty will be given at Excalibur's discretion for the lifetime of the original owner of the crossbow. Registration of your crossbow is required to obtain service. **REGISTER YOUR CROSSBOW NOW ONLINE [HTTP://WWW.EXCALIBURCROSSBOW.COM/REGISTER-CROSSBOW/](http://WWW.EXCALIBURCROSSBOW.COM/REGISTER-CROSSBOW/)**

All returns for warranty consideration must have a Return Merchandise Authorization(RMA)# number assigned. The RMA number must be indicated on the packaging or the package may be refused. RMA numbers will expire after 30 days if product has not been received within the defined timeline. To obtain an RMA number and correct address to ship your item to please contact Customer Service at:

<http://www.excaliburcrossbow.com/support/> | Phone: 519-743-6890 | Email: [warranty@excaliburcrossbow.com](mailto:warranty@excaliburcrossbow.com)

### 5-YEAR CHARGER CRANK ROPE WARRANTY

Your assassin crank cocking rope carries a 5 year warranty against manufacturer defects in materials and workmanship when used normally in accordance with our published instructions and guide-lines. Our liability extends to parts, labor and return transportation to the customer and is non-transferable.

Note: it is recommended to have your assassin charger cocking rope changed after every 750 shots. See Simply Trusted Program PG#2 for additional information.