



SAFETY & INSTRUCTION MANUAL FOR TRADITIONS™ CRACKSHOT™ & CRACKSHOT™ XBR™



⚠ WARNING: YOU MUST READ THESE INSTRUCTIONS AND WARNINGS CAREFULLY. FAILURE TO READ THESE INSTRUCTIONS AND FOLLOW THESE WARNINGS MAY RESULT IN SERIOUS INJURY OR DEATH TO YOU AND OTHERS AND DAMAGE TO PROPERTY.

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FIT-74

www.traditionsfirearms.com

Your Crackshot™ & Crackshot™ XBR™ Rifles


Congratulations on your purchase of a Traditions™
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and care that any firearm demands, you can expect many
years of reliable @ } ã * B shooting from your new
Traditions™ Ô!æ& • @ ã Á) áÁÓÜi Á) áÁÓÜi Á) áÁÓÜi Á) áÁÓÜi.

The Sport of Shooting Your Rifle

This booklet is intended as a basic guide for the
proper maintenance, loading and shooting of
Traditions™ Crackshot™, and Crackshot™ XBR™
and it offers important rules and precautions for safe
handling and shooting of this type of firearm. In
addition to this booklet, it is recommended that you
obtain further information and instruction before firing
a Crackshot™ or Crackshot™ XBR™ Rifle.

Sources for shooting or hunting help include:

1. National Rifle Association
2. Local sporting goods dealer
3. Local shooting club
4. National Shooting Sports Foundation

 **DANGER:** Always keep your firearm pointed in a safe direction with your finger off the trigger until you are ready to fire. Never point a firearm at anything you do not intend to shoot and always be sure of what is beyond your target.

This SAFETY & INSTRUCTION MANUAL should always accompany this firearm and be transferred with it upon change of ownership or when the firearm is presented to another person.

**If you don't have a manual, a printed copy is available free upon request by contacting Traditions™ at the address below. A manual is also available via download at:
www.traditionsfirearms.com**

• CUSTOMER SUPPORT •

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1. YOUR SAFETY RESPONSIBILITIES


SAFETY IS YOUR NUMBER ONE RESPONSIBILITY!!!!


No matter if you are at home, in the field, at the range, or anywhere; your primary concern as a firearm owner must always be safety. You must always apply the following safety rules in every situation with any kind of firearm regardless of setting. If you feel unsure about any aspect of your firearm or its operation, please contact Traditions™ before using it.


 **WARNING: YOU MUST FOLLOW ALL OF THESE SAFETY RULES TO ENSURE THE SAFE USE OF YOUR FIREARM. THE FAILURE TO FOLLOW THE INSTRUCTIONS AND WARNINGS IN THIS MANUAL COULD CAUSE SERIOUS PERSONAL INJURY OR DEATH TO YOU OR OTHERS AND DAMAGE TO PROPERTY.**


When you become a firearm owner, you take on a serious and demanding responsibility. How seriously you take this responsibility can be the difference between life and death. There is no excuse for reckless or abusive handling of your firearm. At all times you must handle your firearm with an intense respect for its power and potential danger.

 **WARNING: YOU ARE RESPONSIBLE FOR THIS AND ALL YOUR FIREARMS AT ALL TIMES.** In owning a firearm, you have a constant responsibility for your firearm's safety and security. You must always protect yourself and all others against injury or death from misuse of the firearm 24 hours a day, 7 days a week, 365 days a year. This responsibility is not something you can ever neglect.


 **WARNING: ALWAYS BE SURE OF YOUR TARGET AND WHAT IS BEYOND IT.** Always know where a bullet or arrow you fire will hit and shoot only where there is a safe back stop free of any obstructions. Bullets and arrows can bounce or ricochet off many surfaces like rocks or the surface of water and travel in unpredictable directions with considerable velocity creating dangerous situations. NEVER fire randomly into the sky.


 **WARNING: NEVER SOLELY RELY ON MECHANICAL FEATURES SUCH AS A SAFETY.** Mechanical features such as safeties can fail and should never be relied upon with disregard to proper safe firearms handling. Only by following the safe firearms-handling procedures in this manual will the safe use of your firearm be assured. You are responsible for always following these safe firearm handling rules. Mechanical safeties in firearms are aides in establishing a more convenient operating system but are never replacements for safe handling on the part of the shooter.


 **WARNING: ALWAYS WEAR EYE AND EAR PROTECTION THAT ARE SPECIFIED FOR USE WITH FIREARMS** every time you handle your firearm for loading, firing, cleaning, or maintenance. Make sure that all bystanders where you will be shooting are also wearing the proper eye and ear protection.


 **WARNING: ALWAYS HAVE ADEQUATE VENTILATION WHEN DISCHARGING A FIREARM.** Discharging a firearm in poorly ventilated areas, cleaning firearms, or handling ammunition and loading components may result in exposure to lead and other substances known to cause birth defects, reproductive harm, and other serious physical injuries. Review the warnings and labels for all ammunition, loading components, and cleaning products carefully. Wash hands thoroughly after exposure.


 **WARNING: NEVER ALLOW THIS FIREARM TO BE USED BY ANYONE WHO DOES NOT UNDERSTAND ITS SAFE OPERATION OR HAS NOT READ THIS MANUAL IN ITS ENTIRETY.**


 **WARNING: NEVER DISASSEMBLE YOUR FIREARM** beyond the instructions outlined in this manual. Improper disassembly or re-assembly of your firearm may create a dangerous situation which can lead to serious injury or death to you or others or the destruction of property.


 **WARNING: NEVER MANIPULATE, ADJUST, OR ALTER ANY OF THE INTERNAL COMPONENTS OF YOUR FIREARM.** Improper manipulation or alteration of any internal component may affect the safety and reliability of your firearm and create a situation where serious injury or death could occur. In addition, do not replace any of the parts in your firearm unless they are genuine Traditions™ parts. The use of non-Traditions™ parts will void all warranties. Any alteration or replacement of parts in your Traditions™ firearm not performed by a qualified gunsmith using genuine Traditions™ parts may cause death, personal injury, or property damage. NOTE: Altering the factory-standard mechanical function of your firearm will VOID your warranty and could lead to unsafe handling and function of the firearm.


 **WARNING! DO NOT DRILL HOLES IN THE BARREL AS THIS COULD WEAKEN THE BARREL STRUCTURE LEADING TO A RUPTURE. A RUPTURED BARREL CAN CAUSE SERIOUS INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY. DRILLING HOLES IN THE BARREL VOIDS ALL WARRANTIES.**

 **DANGER: SAFE FIREARMS HANDLING IS YOUR PERSONAL RESPONSIBILITY ALWAYS.** Firearms have the potential to be dangerous resulting in serious injury or death if they are misused or handled inappropriately. Safety must always be the primary concern of anyone who owns or handles firearms. Accidents are the result of violating the rules of safe firearm handling. Professional firearm safety training is available to supplement the safety instruction in this manual. Some examples of organizations to contact are your local firearms dealer, state conservation department, hunter safety department, law enforcement agency, local sportsman's club, the National Shooting Sports Foundation (NSSF), and the National Rifle Association (NRA) for availability of firearms training.

 **DANGER: ALWAYS TREAT EVERY FIREARM AS IF IT IS LOADED AND WILL FIRE.** Never assume or take anyone's word that the firearm is unloaded. You must always physically check for yourself. Never pass a loaded firearm to another person. You must first open the action then visually check that the firearm is unloaded before passing the firearm to another person. Keep your firearm unloaded, not cocked, and safely stored when not in use.


 **DANGER: NEVER PLACE YOUR FINGER INSIDE THE TRIGGER GUARD OR ON THE TRIGGER UNLESS YOU INTEND TO FIRE.** Always keep your finger off the trigger until your sights are on the target and you are prepared to fire. Also make sure that other objects do not touch the trigger at any time.


 **DANGER: ALWAYS KEEP YOUR FIREARM POINTED IN A SAFE DIRECTION.** Never point the muzzle of a firearm at anyone or anything you do not intend to shoot. Many incidents have occurred because people pointed what they thought was an unloaded firearm in an unsafe direction. This is especially important when loading, unloading, or field stripping the gun. ALWAYS control the direction of the firearm.


 **DANGER: NEVER ENTER A VEHICLE/STRUCTURE AND NEVER CROSS ANY OBSTACLES SUCH AS FENCES OR STREAMS WITH A LOADED FIREARM.** Always make sure your firearm is unloaded and that the hammer is not cocked before crossing a fence, climbing a tree, jumping a ditch, entering a vehicle or structure, or negotiating any other obstacles.


 **DANGER: NEVER LEAN A LOADED FIREARM AGAINST A TREE, A WALL, OR ANY SURFACE WHERE IT MAY FALL OVER.**


Once a rifle has been loaded it is your responsibility to protect against any situation that may result in an accidental discharge. Failure to follow this rule may cause serious injury and/or death to the shooter or bystanders and damage to property.

 **DANGER: NEVER UNDER ANY CIRCUMSTANCES USE ALCOHOL OR DRUGS BEFORE OR WHILE SHOOTING.** In addition, do not use your firearm if you are on any medication which impairs, even slightly, your mental or physical ability. You should also not use your firearm if you are excessively tired, distracted, or impaired in any way. You need to be alert and have your full attention devoted to the safe use of the firearm.

 **DANGER: USE ONLY HIGH QUALITY FACTORY AMMUNITION (FOR CRACKSHOT™ SINGLE SHOT) OR POWERLOADS (FOR CRACKSHOT™ XBR™) WHICH MATCHES THE CALIBER DESIGNATION ON YOUR FIREARM BARREL.**

 **DANGER: MAKE CERTAIN THE BARREL IS CLEAR OF ANY OBSTRUCTIONS BEFORE SHOOTING.** Dirt, water, snow, lubricant, fletching, projectiles from previous rounds, and other objects may inadvertently become lodged in the bore of the barrel. A small obstruction can cause a dangerous increase in pressure and may damage your firearm and cause injury or death to you or bystanders. Refer to the cleaning section of this manual for instructions on how to remove any obstructions in the barrel. If the recoil of your firearm seems weak after firing, STOP FIRING IMMEDIATELY. Follow the safety rules regarding unloading, unload your gun and check your firearm to ensure there are no obstructions in your barrel.

 **CAUTION: BEFORE HANDLING ANY FIREARM, UNDERSTAND ITS OPERATION.** Not all firearms are the same and some have features and mechanical operation unique to that specific firearm. Before using a firearm you should learn the mechanical features of the specific firearm you intend to use. If you feel unsure about any operational aspects of this firearm, please contact Traditions™ before proceeding with its operation.


 **WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.


APPROPRIATE USE FOR YOUR FIREARM MEANS USING YOUR FIREARM FOR LEGAL PURPOSES. It is your responsibility to ensure that you are in compliance with all applicable Federal, State, and Local laws and ordinances regarding the use of your firearm.

 **DANGER: BEFORE YOU ACCEPT A FIREARM FROM SOMEONE, CONFIRM FOR YOURSELF THAT IT IS UNLOADED.**


Treat all firearms as if they are loaded and will fire.


 **DANGER: NEVER LEAVE A FIREARM LOADED UNATTENDED.**


 **DANGER: MAKE SURE ALL ACCESSORIES ARE COMPATIBLE** with the firearm and that they do not interfere with the safe operation of the firearm. It is your responsibility to understand and follow all instructions in this manual, as well as those which may be supplied with your ammunition and loading components, or accessories and how they relate to each other.


 **CAUTION: DO NOT ATTEMPT TO SHOOT OR LOAD YOUR FIREARM UNTIL YOU HAVE READ THIS MANUAL COMPLETELY AND FULLY UNDERSTAND IT. FAILURE TO READ AND FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY. IF YOU ARE UNABLE TO UNDERSTAND ANY OR ALL OF THIS MANUAL, CALL THE CUSTOMER SERVICE DEPARTMENT AT TRADITIONS™.**


2. ADDITIONAL SAFETY RULES **FOR YOUR TRADITIONS™** **CRACKSHOT™ XBR™**


 **WARNING: ALWAYS CHECK YOUR ARCHERY BACKSTOP BEFORE AND AFTER SHOOTING.** Backstops are subject to wear and will eventually fail with use. Replace the backstop if it is worn or damaged.

 **WARNING: ONLY SHOOT TRADITIONS™ FIREBOLT™ ARROWS DESIGNED FOR THE CRACKSHOT™ XBR™.** Using arrows that are not intended for use with this firearm could result in accuracy issues as well as potentially cause a dangerous increase in pressure and may damage your firearm and cause injury or death to you or bystanders. Using any other arrow will void the warranty.


 **WARNING: ALWAYS INSPECT YOUR ARROWS PRIOR TO SHOOTING.** Arrows will become worn or damaged over time with repeated use. Visually check to make sure the arrow is not bent, cracked, or damaged in any way before firing out of the Crackshot™ XBR™. A damaged arrow can cause catastrophic failure upon being fired and may cause injury or death to you or bystanders. Any damaged arrows should be discarded immediately. You can inspect your arrows for damage by flexing them and looking for any signs of cracks or damage. You should check the arrow insert to make sure it is not loose or damaged. Be sure to check the arrow's vanes are intact.


 **WARNING: ONLY USE TRADITIONS™ XBR™ POWERLOADS IN THE CRACKSHOT™ XBR™ RIFLE. YOU CANNOT USE ANY OTHER BLANK.** Using any other blank may cause death, personal injury, or property damage and will cause damage to the firearm and arrow. Using other blanks or Powerloads will void the warranty on the firearm.

 **WARNING: ALWAYS KEEP YOUR HANDS BEHIND THE SHROUD AND AWAY FROM THE END OF THE BARREL WHEN SHOOTING. MAKE SURE ALL BYSTANDERS ARE BEHIND THE SHOOTER.** Failure to do so could result in severe injury or death to you or bystanders. It could also result in damage to property or the firearm.

 **WARNING: ALWAYS KEEP YOUR HANDS, FACE, AND BODY PARTS AWAY FROM THE ARROW'S BROADHEAD OR FIELD TIP WHEN LOADING.**

3. SAFE STORAGE & TRANSPORTATION

 **WARNING: FIREARM SECURITY IS YOUR PERSONAL RESPONSIBILITY. ALWAYS SAFELY STORE AND SECURE YOUR FIREARM.** You must ensure that your firearms are securely and safely stored so that children and/or unauthorized users may not obtain them. Your firearms should always be kept unloaded and locked when not in use or in your immediate control. Never assume that the use of a lock alone is sufficient to safely secure your firearm. You must continually evaluate your personal situation and employ security systems that prevent children and unauthorized users from gaining access to your firearm. It is recommended that you secure ammunition in a locked container separate from your firearms.

 **WARNING: FIREARMS ARE DANGEROUS IF THEY ARE USED AND/OR STORED IMPROPERLY. THEY POSE A RISK OF SERIOUS OR FATAL INJURIES. FIREARMS CAN BE ESPECIALLY DANGEROUS TO CHILDREN WHEN THEY ARE STORED IN AN IRRESPONSIBLE AND UNSAFE MANNER. FOR YOUR SAFETY AND THE SAFETY OF OTHERS, IT IS IMPERATIVE THAT YOU KEEP YOUR FIREARM LOCKED AND UNLOADED IN A SECURE PLACE. THE AMMUNITION OR BLANKS SHOULD BE STORED IN A SEPARATE, LOCKED, SECURE LOCATION WHEN IT IS NOT IN USE. SAFE AND SECURE STORAGE OF YOUR FIREARM IS ONE OF THE MOST IMPORTANT RULES OF FIREARM SAFETY. YOUR FAILURE TO FOLLOW THESE RULES MAY RESULT IN SERIOUS INJURY OR DEATH TO YOU OR OTHERS.**

 **WARNING: MAKE SURE TO CHECK TWICE THAT YOUR FIREARM IS UNLOADED BEFORE TRYING TO INSTALL ANY LOCKING DEVICE.**



WARNING: NEVER TRANSPORT A LOADED

FIREARM. When transporting your firearm it must be unloaded and securely locked. Safe and secure transportation of your firearm is another important aspect of your responsibility as a firearm owner.



DANGER: NEVER STORE A LOADED FIREARM.

When storing your firearm it must be unloaded and securely locked. If you fail to follow this instruction it could result in an unintended discharge of the firearm.



CAUTION: NEVER ASSUME THAT A "SECRET LOCATION" OR "HIDING PLACE" IS A SECURE STORAGE METHOD.

Without your knowledge others, such as children, may be aware of your storage location or they may find it by accident. It is your responsibility to properly store your firearms and ammunition/blanks and to always make sure they are not accessible to children or unauthorized persons.



CAUTION: ALWAYS FOLLOW THE LAW! In many states and local municipalities there are laws and regulations that make it a crime to keep a firearm unlocked in an area that is accessible to children or others. Keeping a firearm locked and unloaded when not in use is not only a common sense safety practice... IT IS THE LAW. You must be familiar with all local, state, and federal laws regarding the safe storage and transportation of your firearm. Failure to know and follow the law may result in unauthorized access or use of your firearm by another for which you may be held accountable. Obey all laws relating to the storage and transportation of firearms. Your local police department or gun shop can provide you with the pertinent information for where you live on storing and/or transporting a firearm safely and legally.

4. SAFETIES INCLUDED ON TRADITIONS™ CRACKSHOT™ & CRACKSHOT™ XBR™

Your Traditions™ Crackshot™ and Crackshot™ XBR comes equipped with 2 safeties.

The first safety is an internal hammer block safety that blocks the firing pin from being released and hitting the cartridge unless the trigger has been pulled. This prevents the firing pin from hitting the cartridge in case the rifle is dropped or sudden impact occurs.

The second safety is an ambidextrous mechanical trigger block safety that prevents the trigger from being pulled back and allowing the sear to become disengaged. The rifle cannot be cocked or de-cocked with the trigger block safety engaged.

Internal Hammer Block Safety (Transfer Bar)



When rifle is **cocked** - internal hammer block safety moves into a lower position.



When rifle is **not cocked** - internal hammer block safety is in the highest position protecting the firing pin.

Manual Trigger Block Safety



Manual Trigger Block Safety **disengaged**.
If the red ring is visible, the gun is no longer safe and is ready to fire.



Manual Trigger Block Safety **engaged**.
Gun is in safe position if no red ring is visible.



CRACKSHOT[™]

This section of the manual pertains to the Crackshot[™] Single Shot Cartridge Rifle



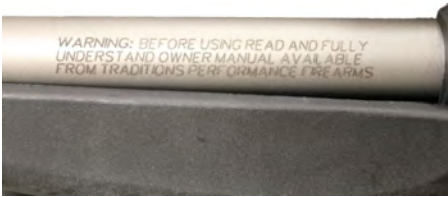
Please see page 31 for the loading, shooting, cleaning instructions for the Crackshot[™] XBR[™] Arrow-Launching Rifle

5. LEARNING THE BASICS OF THE TRADITIONS™ CRACKSHOT™ SINGLE SHOT RIFLE



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Gun Model Name & Caliber Designation on the Barrel



Serial Number Marking on



CRACKSHOT™ SINGLE SHOT SCHEMATIC

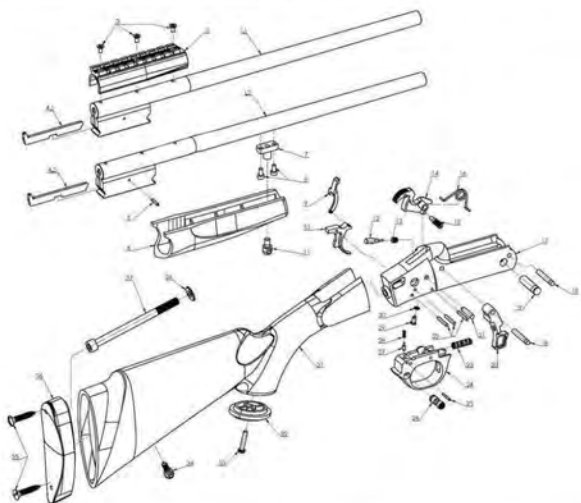
TRADITIONS™

12/05/2015

Crackshot™ Rifle
Models:

AW Composite
CR-220070/CR-170070
22LR cal. Twist 1-16"/.17HMR cal. Twist 1-9"
Blued 16.5" Barrel

Rev.01



Description	Reference	Description	Reference
1.1 Barrel Assembly (Finished) (Length 16.5") 22 LR cal. Blued/twist 1-16"	FB103022	18 Barrel Catch and Extractor Pin(x2)	710023
1.2 Barrel Assembly (Finished) (Length 16.5") 17 HMR cal. Blued/twist 1-9"	FB103017	19 Frame Pivot Pin	710024
2 Weaver Rail Cover	72300	20 Barrel Catch	71005
3 Weaver Rail Screws (x3)M4 DIN965 L-8mm	M36029	21 Hammer Pin	M710031
4.1 Extractor Plunger 22 LR cal.	72321	22 Trigger Guard and Trigger Pin (x3)	710025
4.2 Extractor Plunger 17HMR cal.	72171	23 Barrel Catch Spring	M710027
5 Extractor Plunger Pin	72334	24 Trigger Guard	M710029
6 Free Stock 15"	FCS30001-1	25 Safety Pin	710032
7 Tension M6	730023	26 Safety	71000
8 Tension Screws (x2)M4 DIN912 L-8mm	400016	27 Ball	M71015
9 Transfer Bar	71006	28 Trigger Guard Spring	M710021
10 Trigger	71003	29 Firing Pin Screw M4	M71020
11 Sling Swivel Stud - Front size M6	32122	30 Firing Pin Screw Washer	FCS101070-2
12 Firing Pin	71007	31 Stock	
13 Firing Pin Spring	M71011	32 Pistol grip Cap	50104
14 Hammer	10302	33 Pistol grip Cap Screw	50105
15 Hammer Handle	710004	34 Sling Swivel Stud-Rev	37233
16 Hammer Spring	M71018	35 Bumpad Mounting Screw (x2)	20634
17 Frame (Alloy-Kataforeux)	74022	36 Bumpad	60136
		37 Tang Screw M6 DIN912 L-110mm (5mm Key)	22016
		38 Tang Screw Washer	22019

6. FUNCTION TESTING OF THE CRACKSHOT™ RIFLE

BEFORE PERFORMING ANY OF THE FUNCTION TESTS OUTLINED IN SECTION 18 ON PAGES 37 & 38 FOLLOW THESE WARNINGS:

⚠ WARNING: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND TREAT THE FIREARM AS IF IT WAS LOADED.

⚠ WARNING: CONFIRM THAT THE FIREARM IS UNLOADED BEFORE ANY CLEANING OR CONDUCTING ANY FUNCTION TESTS.

Now that you are familiar with the parts of the Crackshot™ rifle, a function test can be performed to ensure that all parts are operating as intended. This function test should also be performed every time after you have disassembled the rifle for cleaning or any maintenance.

Check to be sure your gun is unloaded by opening the action and looking into the chamber to see if there is a cartridge. If there is a cartridge, remove it prior to performing a function test.

Function Testing the Action

1. Open the action by pressing on the barrel catch lever which will then allow the action to pivot open.



2. Close the action by pivoting the opposite way from when you opened the action. You should hear a metallic click indicating the action is locked.



Function Testing the Hammer

⚠ WARNING: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND TREAT THE FIREARM AS IF IT WAS LOADED. CONFIRM THAT THE FIREARM IS UNLOADED BEFORE ANY CLEANING OR CONDUCTING ANY FUNCTION TESTS.

1. Disengage the safety so the red ring is visible. Cock the rifle by pulling the hammer rearward until you hear a metallic click and the hammer is locked into place. This means the rifle is now cocked and engaged.



2. Push forward on the rear of the cocked hammer. The hammer should remain in place and not fall.



3. Keeping the gun pointed in a safe direction, pull trigger in a rearward motion and hold. Hammer should now fall forward impacting the transfer bar. **NOTE: Visibly inspect to be sure that once the hammer has fallen forward and the trigger has been released that the transfer bar is in the highest position.**



Function Testing the Safety

⚠ WARNING: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND TREAT THE FIREARM AS IF IT WAS LOADED. CONFIRM THAT THE FIREARM IS UNLOADED BEFORE ANY CLEANING OR CONDUCTING ANY FUNCTION TESTS.

1. Disengage the safety button by pressing the button from right to left. You should hear a click when it locks into place and a red ring should be visible indicating the rifle is ready to fire.



2. Engage the manual safety button by pressing it from left to right so that there is no red ring visible. A click should be heard when engaged.



3. Pull the trigger to the rear. You should feel resistance when the safety is engaged. The trigger stays in place and the hammer does not fall.

7. INITIAL CLEANING CRACKSHOT™ RIFLE

⚠ WARNING: Confirm that the firearm is unloaded before any cleaning and that the safety is in the "safe" position.

CAUTION: When performing the initial cleaning be mindful to always point the barrel in a safe direction and not towards any hard surface. Treat every gun as if it were always loaded and can fire at any time. Confirm that the gun is unloaded by the procedure outlined in the Function Test Section.

When you first remove the rifle from the box there will be some manufacturing oils and grease for shipping purposes. These residues need to be removed so that the rifle will function properly. For a full cleaning procedure, see page 28.

1. With the action closed, unscrew the Quick-Detach Sling Swivel Stud with your fingers or using the supplied 4mm wrench and remove the forend from the barrel.



2. Slide the forend off of the barrel.


Remove the barrel from the receiver by pushing the barrel catch lever in. When the action starts to open lift the barrel up and out of the receiver. Clean all items with bore solvent. This will remove any manufacturing residue that may be on the inside or outside of the barrel.



3. Dry all of the parts completely.
4. Re-oil parts with gun oil. See page 28 for full cleaning procedures.
5. Now reassemble your firearm. Be sure to wipe all excess oil from the external surfaces.

Please refer to the Cleaning & Maintenance section for more information. Take time before such cleaning to study the Disassembly/Assembly procedures and the accompanying photographs to thoroughly acquaint yourself with your rifle's subassemblies.

8. BASIC EQUIPMENT FOR SHOOTING A CRACKSHOT™ SINGLE SHOT RIFLE

 CAUTION: DO NOT ATTEMPT TO FIRE OR LOAD YOUR FIREARM UNTIL YOU HAVE READ THIS MANUAL COMPLETELY AND FULLY UNDERSTAND IT. FAILURE TO READ AND FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY. IF YOU ARE UNABLE TO UNDERSTAND ANY OR ALL OF THIS MANUAL, CALL THE CUSTOMER SERVICE DEPARTMENT AT TRADITIONS™.

In order to fire your Traditions™ Crackshot™ Rifle you will need the following accessories or equipment listed below:

1. Proper eye protection specified for use with firearms.
2. Proper ear protection specified for use with firearms.
3. High quality, factory-made ammunition that is the same caliber of the firearm you are planning to fire.

9. AMMUNITION FOR THE CRACKSHOT™ RIFLE

⚠ WARNING: BE SURE TO USE CORRECT AMMUNITION. FAILURE TO USE APPROVED AMMUNITION IN THIS RIFLE COULD RESULT IN THE RIFLE OPERATING IMPROPERLY AND COULD CAUSE INJURY OR DEATH TO YOU AND OTHERS AND DAMAGE TO PROPERTY.

Your Crackshot™ rifle is designed to fire factory-standard, approved ammunition as established and determined by the Sporting Arms & Ammunition Manufacturers Institute, Inc. (SAAMI) and American National Standards Institute (ANSI).

Below are the cartridge listings for their respective models. Please check the barrel markings on your rifle to be sure you are using the correct ammunition for the caliber of your rifle.

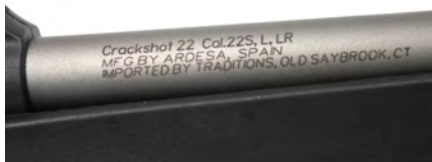
Traditions™ Crackshot™ Rifle .22 Caliber

Barrel Engraving For This Rifle:

Crackshot .22 Cal. .22 S,L,LR
MFG BY ARDESA, SPAIN
IMPORTED BY TRADITIONS, OLD SAYBROOK, CT

Supported Ammunition For This Rifle:

.22 Long Rifle / .22 LR
.22 Long / .22 Long
.22 Short / .22 S



⚠ WARNING FOR AMMUNITION: Be sure to fully push the cartridge into the chamber in order to avoid an interference of the cartridge rim when closing the action. Failure to fully seat the cartridge or any attempt to force the firearm closed on a cartridge not fully seated can detonate the cartridge due to impact striking the rim.

10. LOADING YOUR CRACKSHOT™ RIFLE

⚠ DANGER: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND DO NOT HAVE ANY PART OF YOUR BODY OVER THE MUZZLE WHEN LOADING.

⚠ WARNING: DO NOT LOAD THE FIREARM UNTIL YOU ARE READY TO FIRE.

PREPARING TO LOAD:

⚠ WARNING: WEAR PROPER EYE PROTECTION WHEN LOADING.

Prior to loading, you must first ensure the gun is unloaded and the barrel is free of any obstructions.

1. To load the rifle, grasp the gun firmly with both hands, keeping your finger off the trigger and out of the trigger guard.
2. Pull the barrel catch lever rearward and allow the barrel to pivot open on the pivot pin.



3. After ensuring that your cartridge matches the information provided on the barrel of the rifle, carefully slide the cartridge into the chamber until the rim sits on the supporting radius of the extractor.



4. Slowly and carefully close the action until the barrel catch locks into place. You should hear a metallic click of the action locking. Push the safety into the "safe" position so that the red ring is not shown.




⚠ WARNING: NEVER FORCE THE ACTION CLOSED ON A LIVE ROUND. The action should close smoothly without resistance. Never continue to use your firearm if it is not functioning properly. Stop immediately, remove the round, and inspect the cartridge for defects. Check the chamber for obstructions. If you are unable to recognize the problem, have the rifle examined by a qualified gunsmith.

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11. FIRING YOUR CRACKSHOT™ RIFLE

 **DANGER: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION.**

 **WARNING: YOU MUST WEAR PROPER EYE AND EAR PROTECTION WHEN FIRING YOUR RIFLE.**

 **WARNING: THE TRANSFER BAR SYSTEM DOES NOT REPLACE SAFETY STANDARDS OR PROPER HANDLING.**
Mechanical features such as safeties can fail and should never be relied upon with disregard to proper safe firearms handling. You should always maintain proper safety standards as outlined in this manual.

Now after following the previous loading instructions your rifle is ready to fire.

1. Grasp the rifle firmly with both hands with your finger off the trigger and out of the trigger guard. Make sure the safety is on and the red ring is not visible. Raise the rifle up and firmly pull the stock into your shoulder.
2. Acquire your target and aim with your sights or scope. Remember to be sure of what is beyond your target.
3. Disengage the trigger safety so the red ring is visible.

 **WARNING: DO NOT COCK THE RIFLE UNTIL YOU ARE READY TO FIRE.**

4. Pull the hammer back in a rearward motion (usually with your thumb) until the hammer locks. The rifle is now cocked and ready to fire. **Never carry a rifle in the cocked position. Do not disengage safety until you are ready to fire.**
5. Slowly squeeze the trigger until the rifle fires. Once the rifle fires place the trigger safety back on safe by pushing it from left to right and so no red ring is visible.

12. DE-COCKING THE CRACKSHOT™ RIFLE

⚠ WARNING: ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION AND BE SURE OF YOUR TARGET AND WHAT IS BEYOND IT.

If your rifle is cocked and you no longer want to fire the rifle, carefully follow these steps to de-cock the gun.

1. Both hands should be dry and not impeded in any way.
2. Disengage the manual trigger safety by pressing the button from right to left so the red ring is visible.

⚠ WARNING: THE FIREARM IS NO LONGER IN THE "SAFE" POSITION.

3. While holding your thumb on the hammer in the cocked position, depress the trigger slowly until you feel the hammer release. Immediately release your finger from the trigger and slowly lower the hammer in a controlled manner onto the transfer bar until it stops. At this point you can safely open the action.



NOTE: Practice this with an unloaded firearm so you feel comfortable with the process of safely lowering the hammer.

⚠ WARNING: NEVER DRY FIRE YOUR RIFLE.

13. UNLOADING YOUR CRACKSHOT™ RIFLE

⚠ DANGER: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND DO NOT HAVE ANY PART OF YOUR BODY OVER THE MUZZLE WHEN UNLOADING.

1. With the safety in the "safe" position, unload your rifle, grasp the gun with both hands and pull the barrel catch lever rearward. Allow the barrel to pivot open on the frame pivot pin.



2. The extractor should push the cartridge from the chamber as the barrel pivots open.



3. Carefully remove the cartridge from the chamber area.




4. After unloading the cartridge and completing your shooting, check your empty chamber for obstructions. Close the action of the rifle until the barrel catch mechanically locks.



14. MISFIRES, HANGFIRES, & SQUIB LOADS

If after following the previous instructions the rifle did not fire then you have had a Misfire, Hangfire, or Squib load. Anyone involved with firearms may experience a misfire or hangfire at one time or another. The following are a few simple procedures that will help you to effectively manage such occurrences.

 **WARNING: A MISFIRE, HANGFIRE, OR SQUIB LOAD IS A DANGEROUS SITUATION AND IT IS IMPERATIVE YOU PROCEED WITH EXTREME CAUTION. AS YOU ALWAYS SHOULD DO, BUT ESPECIALLY IN THIS SITUATION, BE SURE TO KEEP THE FIREARM POINTED IN A SAFE DIRECTION AS IT MAY FIRE AT ANY TIME.**

MISFIRE & HANGFIRE

A **MISFIRE** is a failure of the cartridge to ignite. This could be a very hazardous situation.

 **WARNING: Extreme caution should be exercised when dealing with a misfire or hangfire.**


Rarely is a misfire the fault of the firearm. Generally, it can be attributed to a problem with ammunition itself. Should your firearm fail to fire for any reason, **keep the rifle pointed at your down-range target for at least one minute.**

A **HANGFIRE** is a delayed ignition. The primer fires when the trigger is pulled and the main charge fires a brief moment later.

If you experience a **MISFIRE** or **HANGFIRE**, keep the firearm pointed down range for one minute. The firearm could fire so be prepared for this. If the firearm does not fire after one minute, keep the rifle pointed downrange and carefully unload your firearm, making sure not to expose yourself to the breech area. Dispose of defective cartridges per your local range regulations.

SQUIB LOAD

A **SQUIB LOAD** is the result of a cartridge producing less than normal pressure or velocity after primer ignition. In some cases the bullet can become lodged in the bore, creating an obstruction. If you experience a reduction in noise, muzzle flash, or recoil **STOP SHOOTING IMMEDIATELY**. Keep the firearm pointed downrange and follow the unloading instructions. After unloading, carefully disassemble your rifle. From the chamber end, carefully inspect the chamber and bore visually to be sure there is no obstruction.

 **WARNING: IF THERE IS AN OBSTRUCTION, STOP SHOOTING IMMEDIATELY. BRING THE FIREARM TO A QUALIFIED GUNSMITH FOR REMOVAL.**

15. CLEANING THE CRACKSHOT™ RIFLE & DISASSEMBLY/REASSEMBLY

⚠ WARNING: ALWAYS POINT THE RIFLE IN A SAFE DIRECTION AND TREAT THE FIREARM AS IF IT WAS LOADED AND CAN FIRE.

⚠ WARNING: CONFIRM THE FIREARM IS UNLOADED BEFORE CONDUCTING ANY OF THE METHODS IN THIS SECTION.

⚠ WARNING: DO NOT DISASSEMBLE YOUR RIFLE ANY FURTHER THAN WHAT IS DESCRIBED IN THIS MANUAL.

Disassembling your rifle further could cause the firearm to become unsafe. As a result, it could cause serious injury and/or death to the shooter or bystanders and could damage the rifle.

The disassembly procedure is most often used for general cleaning, lubrication, and inspection of your Traditions™ Crackshot™ XBR™. Traditions™ recommends this be completed after each shooting session. By following this procedure it will help keep your rifle shooting safely and reliably for years to come.

DISASSEMBLY

1. With the action closed, unscrew the Quick-Detach Sling Swivel Stud with your fingers or using the supplied 4mm wrench. NOTE: If extension gets lost, rifle hammer extension can be used.



2. Remove forend from barrel assembly.



3. Press the barrel catch lever to remove the barrel from the frame.



4. You can now clean your barrel assembly and frame.

CLEANING

Required Tools & Supplies:

- Cleaning Rod & Jag (Aluminum, Plastic, or Brass. Do Not Use Steel)
- Bore Brush (Wood, Aluminum, Plastic, or Brass. Do Not Use Steel)
- Bore Patches
- Bore Solvent
- Gun Oil & Grease
- Safety Glasses

⚠ WARNING: WEAR SAFETY GLASSES WHILE CLEANING TO PROTECT EYES FROM FLYING SPRINGS OR SOLVENTS.

1. Apply Bore Solvent to a barrel brush and cleaning patches to clean the interior of the barrel.
2. Lubricate both the interior and exterior of the barrel using gun oil. This will help protect the barrel surface from rust.
3. Clean both the interior and exterior of the frame using a solvent saturated patch or rag. Lightly oil both the interior and exterior surfaces of the frame.
4. Lightly grease the frame pivot pin and barrel catch surface on the barrel.
5. Lightly oil all interior and exterior metal surfaces of your rifle.



REASSEMBLY

1. Reinstall the barrel assembly onto the frame and lock into place.



2. Reinstall the forend onto the barreled action.



3. Install the Quick-Detach Sling Swivel Stud with your fingers or a wrench until stud is tight. **⚠ WARNING: DO NOT OVERTIGHTEN. THIS COULD CAUSE DAMAGE TO YOUR RIFLE.**



4. Perform a function test to be sure your rifle is fully operational. See page 18 for function test instructions. Reassembly is now complete.

⚠ WARNING: DO NOT FIRE YOUR RIFLE WITH EXCESS GREASE, OIL, OR OTHER MATERIAL IN THE BORE. These lubricants or solvents can partially or fully obstruct the bore which could result in damage to the firearm or injury to the shooter and/or bystanders.



CRACKSHOT[™] ***XBR***[™]

This section of the manual pertains to the Crackshot[™] XBR[™] Arrow-Launching Rifle



Please see page 14 for the loading, shooting, cleaning instructions for the Crackshot[™] Single Shot Rifle.

16. SWAPPING FROM CRACKSHOT™ RIFLE TO THE CRACKSHOT™ XBR™ RIFLE

⚠ WARNING: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND TREAT THE FIREARM AS IF IT WAS LOADED.

⚠ WARNING: CONFIRM THAT THE FIREARM IS UNLOADED BEFORE CHANGING BARRELS.

Removing the Crackshot™ Barrel

1. With the action closed, unscrew the Quick-Detach Sling Swivel Stud with your fingers or using the supplied 4mm wrench. NOTE: If extension gets lost, rifle hammer extension can be used.
2. Remove forend from barrel assembly.
3. Press the barrel catch lever to remove the barrel from the frame.
4. You can now store your single shot barrel in a clean, dry, secure place.



Installing the Crackshot™ XBR™ Barrel

1. Carefully rotate the XBR™ Barrel onto the frame and lock into place. You should hear an audible click when the frame is locked in.



- 2.. Install the 4mm forend screw with a 4mm allen wrench to attach the forend.

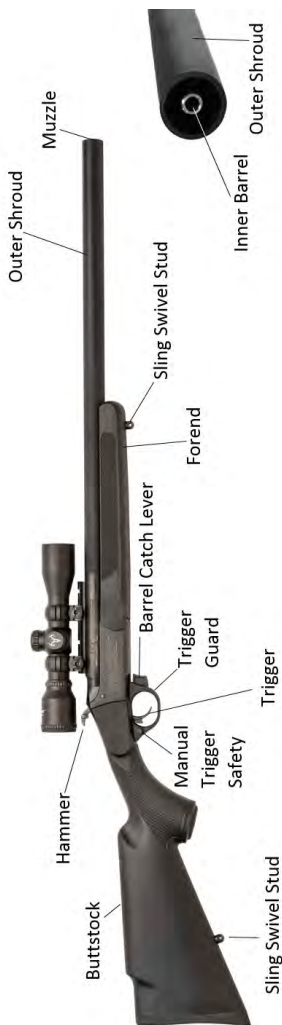
⚠ WARNING: DO NOT OVERTIGHTEN. THIS COULD CAUSE DAMAGE TO YOUR RIFLE.



3. Perform a function test to be sure your rifle is fully operational. See page 37 for function testing instructions.

Once you've completed a function test, you have completely switched your rifle to the Crackshot™ XBR™ Arrow-Launching Rifle! Please be sure to read the rest of the manual prior to using your rifle.

17. LEARNING THE BASICS OF THE CRACKSHOT™ XBR™ RIFLE



Gun Model Name & Caliber Designation on the Barrel



Serial Number Marking on the Frame





CRACKSHOT™ XBR™ ARROW LAUNCHING UPPER SCHEMATIC

TRADITIONS™
CRACKSHOT XBR RIFLE

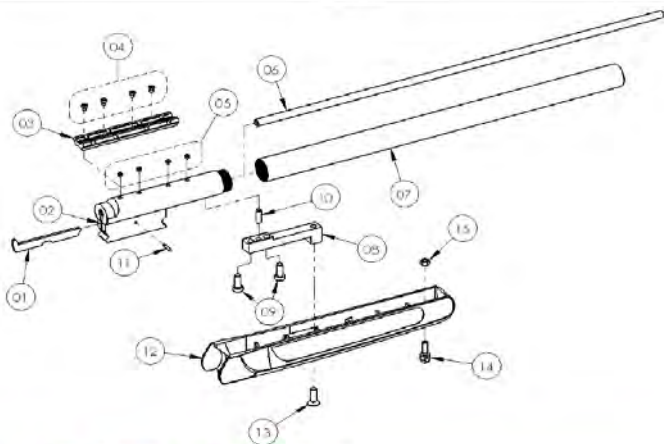
Models:

CRX-220070

.27 Long cal.
21" Barrel

12-06-19

Rev.01



	DESCRIPTION	REFERENCE
1	Extractor plunger (Cal. 27 Long)	72271
2	Extension	TM103027
3	Weaver style scope base	1780
4	D&T screw	M50636
5	Plug screw	26029
6	Inner tube	2700
7	External tube	2701
8	Tenon	270033
9	Tenon screw	270022
10	Tenon pin	270031
11	Extractor plunger pin	M35000
12	Fore stock	M727070-1
13	Fore stock screw	M10038
14	Fore stock sling swivel stud	35702
15	Sling swivel stud nut	60122

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18. FUNCTION TESTING OF THE CRACKSHOT™ XBR™ RIFLE

BEFORE PERFORMING ANY OF THE FUNCTION TESTS OUTLINED IN SECTION 18 ON PAGES 37 & 38 FOLLOW THESE WARNINGS:

⚠️ WARNING: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND TREAT THE FIREARM AS IF IT WAS LOADED.

⚠️ WARNING: CONFIRM THAT THE FIREARM IS UNLOADED BEFORE ANY CLEANING OR CONDUCTING ANY FUNCTION TESTS.

Now that you are familiar with the parts of the Crackshot™ XBR™ rifle from page 34, a function test can be performed to ensure that all parts are operating as intended. This function test should also be performed every time after you have disassembled the rifle for cleaning or any maintenance.

Check to be sure your gun is unloaded by opening the action and looking into the chamber to see if there is a Powerload. If there is a Powerload, remove it prior to performing a function test. Remove any Firebolt™ Arrows from the barrel.

Function Testing the Action

1. Open the action by pressing on the barrel catch lever which will then allow the action to pivot open.
2. Close the action by pivoting the opposite way from when you opened the action. You should hear a metallic click indicating the action is locked.



Function Testing the Hammer

⚠ WARNING: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND TREAT THE FIREARM AS IF IT WAS LOADED. CONFIRM THAT THE FIREARM IS UNLOADED BEFORE ANY CLEANING OR CONDUCTING ANY FUNCTION TESTS.

1. Confirm that the firearm is unloaded and keep the rifle pointed in a safe direction. Disengage the safety so the red ring is visible. Cock the rifle by pulling the hammer rearward until you hear a metallic click and the hammer is locked into place. This means the rifle is now cocked and in the firing position.



2. Push forward on the rear of the cocked hammer. The hammer should remain in place and does not fall.



3. Keeping the gun pointed in a safe direction, pull trigger in a rearward motion and hold. Hammer should now fall forward impacting the transfer bar. **NOTE: Visibly inspect to be sure that once the hammer has fallen forward and the trigger has been released that the transfer bar is in the highest position.**



Function Testing the Safety

⚠ WARNING: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND TREAT THE FIREARM AS IF IT WAS LOADED. CONFIRM THAT THE FIREARM IS UNLOADED BEFORE ANY CLEANING OR CONDUCTING ANY FUNCTION TESTS.

1. Disengage the safety button by pressing the button from right to left. You should hear a click when it locks into place and a red ring should be visible indicating the rifle is ready to fire.



2. Engage the manual safety button by pressing it from left to right so that there is no red ring visible. A click should be heard when engaged.



3. Pull the trigger to the rear. You should feel resistance when the safety is engaged. The trigger stays in place and the hammer does not fall.

19. INITIAL CLEANING

CAUTION: When performing the initial cleaning always point the barrel in a safe direction and not towards any hard surface. Treat every gun as if it were always loaded and can fire at any time. Confirm that the gun is unloaded by the procedure outlined in the Function Test Section.

⚠ WARNING: Confirm that the firearm is unloaded before any cleaning and that the safety is in the "safe" position.

When you first remove the rifle from the box there will be some manufacturing oils and grease for shipping purposes. These residues need to be removed so that the rifle will function properly. For full cleaning, see page 48.

1. With the action closed, unscrew the 4mm forend screw with a 4mm wrench and remove the forend from the barrel.



2. Slide the forend off of the barrel. Remove the barrel from the receiver by pushing the barrel catch lever in. When the action starts to open lift the barrel up and out of the receiver. Clean all items with bore solvent. This will remove any manufacturing residue that may be on the inside or outside of the barrel.



3. Unscrew the aluminum shroud from the barrel assembly, exposing the inner barrel. Clean the inner barrel and outer shroud with solvent.
4. Dry all of the parts completely. Re-oil parts with gun oil, see p. 48 for more cleaning information on what parts to oil.
5. Now reassemble your firearm. Be sure to wipe all excess oil from the external surfaces.



Please refer to the Cleaning & Maintenance section for more information. Take time before such cleaning to study the Disassembly/Assembly procedures and the accompanying photographs to thoroughly acquaint yourself with your rifle's subassemblies.

20. BASIC EQUIPMENT FOR SHOOTING A CRACKSHOT™ XBR™ RIFLE

⚠ CAUTION: DO NOT ATTEMPT TO FIRE OR LOAD YOUR FIREARM UNTIL YOU HAVE READ THIS MANUAL COMPLETELY AND FULLY UNDERSTAND IT. FAILURE TO READ AND FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY AND/OR DEATH TO THE SHOOTER OR BYSTANDERS AND DAMAGE TO PROPERTY. IF YOU ARE UNABLE TO UNDERSTAND ANY OF THIS MANUAL, CALL THE CUSTOMER SERVICE DEPARTMENT AT TRADITIONS™.

In order to fire your Traditions™ Crackshot™ XBR™ Rifle you will need the following accessories or equipment listed below:

1. Proper eye protection specified for use with firearms.
2. Proper ear protection specified for use with firearms.
3. High quality, factory-made Traditions™ XBR™ Powerload that is the same caliber of the firearm you are planning to fire.
4. Traditions™ Firebolt™ Arrows with a field tip or a broadhead of your choice.



21. POWERLOADS FOR THE CRACKSHOT™ XBR™ RIFLE

⚠ WARNING: BE SURE TO USE CORRECT POWERLOADS. FAILURE TO USE APPROVED POWERLOADS IN THIS RIFLE COULD RESULT IN THE RIFLE OPERATING IMPROPERLY AND COULD CAUSE INJURY OR DEATH TO YOU AND OTHERS AND DAMAGE TO PROPERTY.

⚠ WARNING: DO NOT USE ANY OTHER LOAD IN YOUR CRACKSHOT™ XBR™. FAILURE TO DO SO COULD CAUSE INJURY OR DEATH TO THE SHOOTER OR BYSTANDERS AND COULD DAMAGE THE RIFLE. NEVER ATTEMPT TO FIRE RIMFIRE CARTRIDGES IN THE XBR™ BARREL.

Below are the cartridge listings for their respective models. Please check the barrel markings on your rifle to be sure you are using the correct ammunition for the caliber of your rifle.

XBR™

.27 CAL. LONG (6.8/18) BLANK

WARNING: ONLY USE

*TRADITIONS XBR POWERLOADS
AND FIREBOLTS*

TRADITIONS

OLD SAYBROOK, CT USA



⚠ WARNING FOR AMMUNITION: Be sure to fully push the Powerload into the chamber in order to avoid an interference of the Powerload rim when closing the action. Failure to fully seat the Powerload or any attempt to force the firearm closed on a Powerload not fully seated can detonate the Powerload due to impact striking the rim.

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22. LOADING YOUR CRACKSHOT™ XBR™ RIFLE

⚠ DANGER: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND DO NOT HAVE ANY PART OF YOUR BODY OVER THE MUZZLE WHEN LOADING.

⚠ WARNING: DO NOT LOAD THE FIREARM WITH YOUR ARROW OR POWERLOAD UNTIL YOU ARE READY TO FIRE.

PREPARING TO LOAD:

⚠ WARNING: WEAR PROPER EYE PROTECTION WHEN LOADING.

Prior to loading, you must first ensure the gun is unloaded and the barrel is free of any obstructions.

1. To load the rifle, grasp the gun firmly with both hands, keeping your finger off the trigger and out of the trigger guard.
2. Carefully take a Traditions™ Firebolt™ Arrow and check to be sure your field tip or broadhead is securely attached. Identify the hollow end of the Firebolt™ Arrow. This will be the end with the fletching. **BE CAREFUL WHEN LOADING AN ARROW WITH A BROADHEAD.**
3. Position the hollow end of the Firebolt™ arrow over the inner barrel. Slide the arrow down the length of the inner barrel until you feel the arrow insert stop at the muzzle of the barrel. The arrow will protrude from the muzzle end of the barrel.

NOTE: If the arrow stops before it reaches the muzzle of the barrel, remove the arrow and inspect the barrel for debris or obstructions. Inspect the arrow shaft for any debris, obstructions, or distortion. If debris or distortion is discovered in either area stop shooting immediately. Clean both the barrel and the arrow until the arrow slides smoothly down the inner tube and goes completely down.



⚠ WARNING: FAILURE TO FULLY SEAT THE ARROW COULD RESULT IN DAMAGE TO THE FIREARM OR THE ARROW. BE SURE THE ARROW IS SEATED CORRECTLY PRIOR TO FIRING. DO NOT USE ANY ARROW THAT IS BENT OR DAMAGED.

4. Pull the barrel catch lever rearward and allow the barrel to pivot open on the pivot pin.



5. Ensure that you are using the correct XBR™ Powerload. Carefully slide the XBR™ Powerload into the chamber until the rim sits on the supporting radius of the extractor.



5. Slowly and carefully close the action until the barrel catch locks into place. You should hear a metallic click of the action locking. Check that the safety is in the "safe" position so that the red ring is not shown.




⚠ WARNING: NEVER FORCE THE ACTION CLOSED ON A LIVE POWERLOAD. The action should close smoothly without resistance. Never continue to use your firearm if it is not functioning properly. Stop immediately, remove the Powerload, and inspect the Powerload for defects. Check the chamber for obstructions. If you are unable to recognize the problem, have the rifle examined by a qualified gunsmith.

23. FIRING YOUR CRACKSHOT™ **XBR™ RIFLE**

 **DANGER: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION.**

 **WARNING: YOU MUST WEAR PROPER EYE AND EAR PROTECTION WHEN FIRING YOUR RIFLE.**

 **WARNING: THE TRANSFER BAR SYSTEM DOES NOT REPLACE SAFETY STANDARDS OR PROPER HANDLING.**
Mechanical features such as safeties can fail and should never be relied upon with disregard to proper safe firearms handling. You should always maintain proper safety standards as outlined in this manual.

Now after following the previous loading instructions your rifle is ready fire.

1. Grasp the rifle firmly with both hands with your finger off the trigger and out of the trigger guard. Make sure the safety is on and the red ring is not visible. Raise the rifle up and firmly pull the stock into your shoulder.
2. Acquire your target and aim with your sights or scope. Remember to be sure of what is beyond your target.
3. Disengage the trigger safety so the red ring is visible.

 **WARNING: DO NOT COCK THE RIFLE UNTIL YOU ARE READY TO FIRE.**

4. Pull the hammer back in a rearward motion (usually with your thumb) until the hammer locks. The rifle is now cocked and ready to fire. **Never carry a rifle in the cocked position. Do not disengage safety until you are ready to fire.**
5. Slowly squeeze the trigger until the rifle fires. Once the rifle fires place the trigger safety back on safe by pushing it from left to right so no red ring is visible.

24. DE-COCKING THE CRACKSHOT™ XBR™ RIFLE

⚠ WARNING: ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION AND BE SURE OF YOUR TARGET AND WHAT IS BEYOND IT.

If your rifle is cocked and you no longer want to fire the rifle, carefully follow these steps to de-cock the gun.

1. Both hands should be dry and not impeded in any way (such as gloves, bandages, etc.)
2. Disengage the manual trigger safety by pressing the button from right to left so the red ring is visible.

⚠ WARNING: THE FIREARM IS NO LONGER IN THE "SAFE" POSITION.

3. While holding your thumb on the hammer in the cocked position, depress the trigger slowly until you feel the hammer release. Immediately release your finger from the trigger and slowly lower the hammer in a controlled manner onto the transfer bar until it stops. At this point you can safely open the action.

NOTE: Practice this with an unloaded firearm so you feel comfortable with the process of safely lowering the hammer.



25. UNLOADING YOUR CRACKSHOT™ XBR™ RIFLE

⚠ DANGER: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION AND DO NOT HAVE ANY PART OF YOUR BODY OVER THE MUZZLE WHEN UNLOADING.

⚠ WARNING: NEVER REMOVE AN ARROW FROM THE BARREL IF YOU HAVE NOT REMOVED THE POWERLOAD AND MADE SURE THE CHAMBER IS EMPTY.

1. With your safety in the "safe" position, unload your rifle by grasping the gun with both hands and pull the barrel catch lever rearward. Allow the barrel to pivot open on the frame pivot pin.



2. The extractor should push the Powerload from the chamber as the barrel pivots open.



3. Carefully remove the Powerload from the chamber area.



4. After unloading the Powerload and completing your shooting, check your empty chamber for obstructions. Close the action of the rifle until the barrel catch mechanically locks.




5. Grasp the portion of the arrow that sits above the barrel, while being careful of any broadhead or tip, and pull the arrow out of the barrel.



26. MISFIRES, HANGFIRES, & SQUIB LOADS

If after following the previous instructions the rifle did not fire then you have had a Misfire, Hangfire, or Squib load. Anyone involved with firearms may experience a misfire or hangfire at one time or another. The following are a few simple procedures that will help you to effectively manage such occurrences.

 **WARNING: A MISFIRE, HANGFIRE, OR SQUIB LOAD IS A DANGEROUS SITUATION AND IT IS IMPERATIVE YOU PROCEED WITH EXTREME CAUTION. AS YOU ALWAYS SHOULD DO, BUT ESPECIALLY IN THIS SITUATION, BE SURE TO KEEP THE FIREARM POINTED IN A SAFE DIRECTION AS IT MAY FIRE AT ANY TIME.**

MISFIRE & HANGFIRE

A **MISFIRE** is a failure of the cartridge to ignite. This could be a very hazardous situation.

 **WARNING: Extreme caution should be exercised when dealing with a misfire or hangfire.**


Rarely is a misfire the fault of the firearm. Generally, it can be attributed to a problem with ammunition itself. Should your firearm fail to fire for any reason, **keep the rifle pointed at your down-range target for at least one minute.**

A **HANGFIRE** is a delayed ignition. The primer fires when the trigger is pulled and the main charge fires a brief moment later.

If you experience a **MISFIRE** or **HANGFIRE**, keep the firearm pointed down range for one minute. The firearm could fire so be prepared for this. If the firearm does not fire after one minute, keep the rifle pointed downrange and carefully unload your firearm, making sure not to expose yourself to the breech area. Dispose of defective cartridges per your local range regulations.

SQUIB LOAD

A **SQUIB LOAD** is the result of a cartridge producing less than normal pressure or velocity after primer ignition. In some cases the bullet can become lodged in the bore, creating an obstruction. If you experience a reduction in noise, muzzle flash, or recoil **STOP SHOOTING IMMEDIATELY**. Keep the firearm pointed downrange and follow the unloading instructions. After unloading, carefully disassemble your rifle. From the chamber end, carefully inspect the chamber and bore visually to be sure there is no obstruction.

 **WARNING: IF THERE IS AN OBSTRUCTION, STOP SHOOTING IMMEDIATELY. BRING THE FIREARM TO A QUALIFIED GUNSMITH FOR REMOVAL.**

27. CLEANING OF CRACKSHOT™ XBR™ RIFLE & DISASSEMBLY/REASSEMBLY

⚠ WARNING: ALWAYS POINT THE RIFLE IN A SAFE DIRECTION AND TREAT THE FIREARM AS IF IT WAS LOADED AND CAN FIRE.

⚠ WARNING: CONFIRM THE FIREARM IS UNLOADED BEFORE CONDUCTING ANY OF THE METHODS IN THIS SECTION.

⚠ WARNING: THE SAFETY SHOULD REMAIN IN THE SAFE POSITION AT ALL TIMES DURING DISASSEMBLY, CLEANING, AND REASSEMBLY.

⚠ WARNING: DO NOT DISASSEMBLE YOUR RIFLE ANY FURTHER THAN WHAT IS DESCRIBED IN THIS MANUAL.
Disassembling your rifle further could cause the firearm to become unsafe. As a result, it could cause serious injury and/or death to the shooter or bystanders and could damage the rifle.

⚠ WARNING: WEAR SAFETY GLASSES WHILE CLEANING TO PROTECT EYES FROM FLYING SPRINGS OR SOLVENTS.

The disassembly procedure is most often used for general cleaning, lubrication, and inspection of your Traditions™ Crackshot™ XBR™. Traditions™ recommends this be completed after each shooting session. By following this procedure it will help keep your rifle shooting safely and reliably for years to come.

DISASSEMBLY

1. With the action closed, unscrew the 4mm forend screw with a 4mm wrench.



2. Remove forend from barrel assembly.



3. Press the barrel catch lever to remove the barrel from the frame.



4. Unscrew the outer aluminum barrel shroud from the barrel and barrel extension.

⚠ WARNING: CAREFULLY HANDLE THE OUTER SHROUD AND INNER BARREL. BENDING OR DAMAGING EITHER OF THESE COMPONENTS COULD PERMANENTLY DISABLE YOUR XBR™ UPPER.

CLEANING

Required Tools & Supplies:

- Cleaning Rod & Jag (Aluminum, Plastic, or Brass. Do Not Use Steel)
- .22 cal Bore Brush (Aluminum, Plastic, or Brass. Do Not Use Steel)
- Bore Patches
- Bore Solvent
- Gun Oil & Grease
- Safety Glasses
- 4mm Allen Wrench
- 0000 Super Fine Steel Wool

NOTE: USE ONLY SUPER FINE STEEL WOOL. ANY OTHER MATERIAL MAY HARM THE FINISH ON YOUR BARREL.

1. Apply Bore Solvent to a barrel brush and cleaning patches to clean the interior of the barrel.



2. Lubricate both the interior and exterior of the barrel, barrel extension, and shroud using gun oil. This will help protect the barrel surface from rust.

3. Apply oil to a small portion of the steel wool and carefully clean any fouling from the exterior of the inner stainless barrel.



4. Clean both the interior and exterior of the frame using a solvent-saturated patch or rag. Lightly oil the interior and exterior surfaces of the frame.



5. Lightly grease the frame pivot pin and barrel catch surface on the barrel.



6. Lightly oil all interior and exterior metal surfaces of your frame and barrel assembly components.

REASSEMBLY

1. Carefully screw the outer aluminum shroud back onto the inner barrel. **DO NOT BEND OR DISTORT THE OUTER SHROUD OR INNER BARREL.**



2. Reinstall the barrel assembly onto the frame and lock into place.



3. Reinstall the forend onto the barreled action.



4. Install the 4mm forend screw with a 4mm allen wrench to attach the forend.

⚠ WARNING: DO NOT OVERTIGHTEN. THIS COULD CAUSE DAMAGE TO YOUR RIFLE.




5. Perform a function test to be sure your rifle is fully operational. See page 37 for function testing instructions. Reassembly is now complete.

⚠ WARNING: DO NOT FIRE YOUR RIFLE WITH EXCESS GREASE, OIL, OR OTHER MATERIAL. These lubricants or solvents can partially or fully obstruct the bore which could result in damage to the firearm or injury to the shooter and/or bystanders.

28. SCOPE MOUNTING & SIGHTING IN

Traditions™ Crackshot™ and Crackshot™ XBR™ Rifles comes drilled and tapped for easy installation of mounts and a scope and may come with a scope already mounted depending on the model. Models that come with a scope on the XBR Upper have a 100 grain field point trajectory.

 WARNING: DO NOT DRILL EXTRA HOLES IN YOUR BARREL. This can cause weakening of the barrel and the possibility of the barrel rupturing and/or bursting, resulting in injury or death to you or others.

Traditions™ recommends using Traditions™-brand scope bases and rings for mounting your scope as they are designed for your firearm. If you need to purchase new mounts and rings you can do so at your local dealer or on www.traditionsfirearms.com. Please contact Traditions Customer Service Department with any questions about proper mounts and rings for your firearm.


Securing Scope Bases to Your Barrel

Use the allen wrench provided with your rifle to secure scope bases to your gun. You should also use the allen wrench for tightening the screws on the scope rings which should be finger-tight. Overtightening the screws can cause stripped threads and/or bent and distorted mounts. Using Loctite and other threading compounds is encouraged but not a requirement.

Mounting Your Scope

Traditions™ offers a wide variety of scopes and mounting options to suit many needs. Visit www.traditionsfirearms.com to see our full line of optics and mounts or a dealer near you.

When mounting your scope, please take precaution in ensuring that your front objective lens bell is not touching the rifle and that your eyepiece has clearance from your hammer or cocking mechanism.

 WARNING: MAKE SURE THAT YOUR EYE RELIEF IS SUCH THAT YOU HAVE A COMFORTABLE AIMING POSITION BUT THAT YOU HAVE AN APPROPRIATE DISTANCE FROM YOUR EYE SO THAT YOU ARE NOT STRUCK BY THE SCOPE UNDER RECOIL WHILE SHOOTING. NOTE: Your rifle comes with a hammer extension that is ambidextrous and can be screwed into the hammer. This allows you to easily cock the rifle with a scope on your gun.

Rifle Scope Adjustment

Rifle scopes have two turrets of adjustment for adjusting the point-of-aim for the shooter. Adjustment for elevation is on the top of the scope and windage is typically found on the right-hand side of the scope when mounted on the rifle.

 WARNING: ALWAYS FOLLOW SCOPE MANUFACTURER'S MOUNTING INFORMATION AND DIRECTIONS.

Bore Sighting a Break Action Rifle

1. Check to ensure the barrel is unloaded and has no obstructions.
2. Remove your barrel from the rifle and carefully place it with the mounted scope on a sandbag or shooting vise.
3. Looking down the bore from the breech side, move your barrel to where the center of your target is in the middle of the field of vision.
NOTE: You can use a bore sighter for this process as well.

Sighting-In Your Rifle

1. Once bore-sighted, install your barrel back on your rifle. Place the rifle on your sandbag or shooting vise and fire a minimum of two shots at the bullseye.
2. Without moving the rifle, observe your shot group and its relation to the bullseye (or point of aim.)



3. Carefully adjust your scope's crosshairs with the turrets to the center of the shot group. Most hunting scopes adjust 1/4 inch per click at 100 yards. 50 yards is 1/8" and 200 yards is 1/2" per click.



4. Once your scope is adjusted to the point of impact, carefully move your rifle back to the bullseye as the point of aim.
5. Fire another shot group to determine if the point of impact is in alignment with your aim.
6. If you wish to zero at a greater distance, consult ballistic data for the load you are firing and repeat this process at that given distance.

29. WARRANTY & SERVICE

3 YEAR MECHANICAL WARRANTY

Traditions™ will warrant this firearm to be free of mechanical defects in materials or craftsmanship for 3 YEARS from the date of purchase of the firearm, while in the possession of the original owner except composite stocks and finishes. Traditions™ will repair or replace, at its own option, product or parts which are returned at owner's expense to the Traditions™ Customer Service Department. Call 860-388-4656 to obtain a factory issued Return Merchandise Authorization number. A full explanation of the specific problem must be given to the customer service representative.

This warranty shall remain in force unless any of the following are determined by the Traditions™ Customer Service Department:

1. Normal wear from regular and intended use.
2. Failure to comply with the instructions listed here in the owner's manual.
3. Modification of internal parts as they were shipped from the factory.
4. A lack of proper maintenance and thorough cleaning is evident such as rust.
5. Malfunctions and damage caused by the use of incorrect ammunition, arrows or incorrect Powerloads as listed in Section 2.
6. Customer abuse.

Traditions™ specifically disclaims any and all warranties other than those listed above on this page to the fullest extent allowed under applicable law, including warranties of merchantability and/or fitness for a particular purpose. This warranty applies only to the rifle. It does not apply to any accessories.

NOTE: Proof of purchase is required to show original ownership for all warranty work.

PLEASE HELP US SERVE YOU BETTER

In the event you should have questions pertaining to the function or performance of your new Traditions™ firearm please visit our website to get answers to the most commonly asked questions. Log on to www.traditionsfirearms.com where you will find the FAQ page. This page will get you fast access to trouble shooting solutions. If you do not find an answer to your specific question on the FAQ page of our website please feel free to email info@traditionsfirearms.com and a qualified member of our team will respond to your individual question as quickly as possible. Additionally, there are numerous videos on our website that can help answer questions regarding your firearm.

In the event you still need assistance please do not hesitate to contact Traditions™, and a member of our Customer Service Department will be happy to assist.


In the unlikely event you need warranty service on your firearm we need your help to get the work done right and without delay. It is simple to send an email or give us a call to discuss the issue.


Traditions™ conveniently engraves the caliber, serial number and model name on each firearm. Take note of this information, record it on the warranty page in this manual and be prepared to state it when contacting the Traditions™ Customer Service Department with your questions.

Steps to Return a Firearm for Service

1. Do not return your firearm to the dealer.
2. Please call us and describe the problem. Chances are we can either guide you to a solution right over the phone or when possible send you the parts you need to correct the problem. Should your firearm need factory service, we will give you instructions about where to ship it and issue you a Return Merchandise Authorization number.
3. All firearms must have a factory issued Return Merchandise Authorization number (RMA) before returning to Traditions for warranty service. Firearms without an RMA number will be refused.

4. Package your unloaded firearm safely and securely inside a sturdy box. The Traditions™ box your firearm arrived in is **NOT** a shipping box. **NOTE: Firearms packaged and shipped improperly are not covered under warranty if damage occurs.**
5. Write your RMA # on the outside of the box so it can be easily seen when it arrives at our facility.
6. Ship your unloaded firearm to:
Traditions™
1375 Boston Post Rd. • P.O. Box 776
Old Saybrook, CT 06475-0776

 **WARNING: It is in violation of Federal Law to ship a loaded firearm. If your gun has a live cartridge, charge, and/or projectile in the barrel, please take it to a local gunsmith for removal or call Traditions™ Customer Service Department at 860-388-4656.**

 **ATTENTION: YOUR FIREARM MUST BE CLEANED BEFORE IT CAN BE INSPECTED. If we need to clean your firearm in order to inspect it there will be a standard cleaning, lubrication, inspection, and function test (C.L.I.F.) service fee.**

NOTE ON ACCESSORIES:

Please remove all after-market accessories from your gun prior to sending in for repairs. This will ensure that these items will not be lost, misplaced, or damaged during the return process.

CAUTION: TRADITIONS™ WILL NOT BE HELD LIABLE FOR ANY AFTER-MARKET ITEMS OR ACCESSORIES THAT ARE LOST OR DAMAGED IF THEY ARE NOT REMOVED AND ARE SENT IN ON YOUR TRADITIONS™ ITEM COMING BACK FOR REPAIR.

U.S. Patent No. 9,546844

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FOR YOUR RECORDS

Important: Please record information here and keep for your record.

Model No. _____

Serial No. _____

Model Name _____

Caliber _____

Date Purchased _____

From _____

Registration Card mailed on _____

Please call Traditions™ Customer Service Department at 860-388-4656 with any questions or concerns.

To register your warranty online please go to www.traditionsfirearms.com/support/warranty-registration, or you can mail in the warranty card on the opposing page.

To be added to our email list for announcements, specials, and other information please visit our website at: www.traditionsfirearms.com

05/19 AKH

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PREFERRED CUSTOMER WARRANTY REGISTRATION CARD



Referencing the label on the end of the carton, please write in the last 5 digits located on the right half of the UPC code into the boxes below.

UPC #

4	0	5	8	9	-					
---	---	---	---	---	---	--	--	--	--	--

Model# _____

Serial# (from barrel) _____

Name _____ Age _____

Street _____

City _____ State _____ Zip _____

Day Time Phone # _____ Date of Purchase _____

Purchase Price _____ Store Name _____

1. **What is your age?** Under 18 18-24 25-34 35-44 45-54 55-64 over 65
2. **Reason for your purchase** Hunting Target Shooting Personal use Gift
 Raffle Prize Other
3. **Do you own?** Muzzleloaders Over/Under Shotgun Side by Side Shotgun
 Semi-Auto Shotgun Pump Shotgun Cartridge Rifle Handgun Bow
4. **Where purchased?** Gun Shop General Sporting Goods Store Hardware Store
 Chain Store Mail Order Catalog Internet Store
5. **Which factors influenced your purchase?** Previously owned a *Traditions* product
 Magazine Ad/Article Website *Traditions* Catalog Recommendation of Salesperson
Recommendation of a Friend Price Features Other
6. **What type of game do you hunt?** Whitetail Deer Mule Deer Elk Bear
 Antelope Turkey Small Game Other
7. **What do you think is the best way to get information about Hunting & Hunting products?**
Magazine Ads Internet/Website Television Programs Radio
8. **Which magazine/s do you read?** _____
9. **Which TV hunting shows do you watch?** _____

To be added to our email list to receive Traditions™ emails including giveaways, product information, and more please provide your email address:

NOTE: Return this card within 15 days of purchase in order to validate your warranty.

Please complete all information above and mail to:



P.O. Box 776 • Old Saybrook, CT 06475-0776

www.traditionsfirearms.com

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Cut Along Dotted Line



P.O. Box 776
Old Saybrook, CT 06475-0776

**Place
Postage Here.**
Or for additional
security enclose
in a envelope.