



CONNECTICUT VALLEY ARMS
5988 PEACHTREE CORNERS EAST
NORCROSS, GA 30071
www.cva.com

FORM 103C • Rev 1/11



America's #1 Muzzleloader

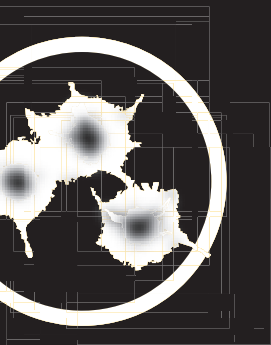
**OWNER'S INSTRUCTION
AND SAFETY MANUAL**



WARRANTY INFORMATION FOR CVA APEX RIFLES

9

10



Watch the
MUZZLELOADING BASICS
video at CVA.com

**THIS PAMPHLET
CONTAINS INFORMATION
CRITICAL TO THE SAFE
USE AND
MAINTENANCE OF
CONNECTICUT VALLEY
ARMS FIREARMS. YOU
MUST READ THIS
MATERIAL ENTIRELY
AND FULLY
UNDERSTAND THIS
INFORMATION BEFORE
YOU CAN SAFELY USE YOUR
MUZZLELOADER. IF FIREARM IS
LOANED OR SOLD BY A DEALER
OR INDIVIDUAL, THIS BOOK
MUST ACCOMPANY THE FIREARM.
REPLACEMENT BOOKS ARE AVAILABLE
FROM OUR FACTORY. CALL CVA CUSTOMER
SERVICE AT (770) 449-4687 IF YOU HAVE ANY
QUESTIONS.**

BUILT TO HUNT • SUPERIOR ACCURACY • LIFETIME WARRANTY

OVERVIEW AND SAFETY WARNINGS

WARNING: THE INFORMATION CONTAINED IN THIS MANUAL IS CRITICAL FOR THE PROPER USE AND CARE OF YOUR FIREARM. DO NOT ATTEMPT TO LOAD OR FIRE YOUR FIREARM UNTIL YOU READ AND UNDERSTAND THE INFORMATION DESCRIBED IN THIS MANUAL.

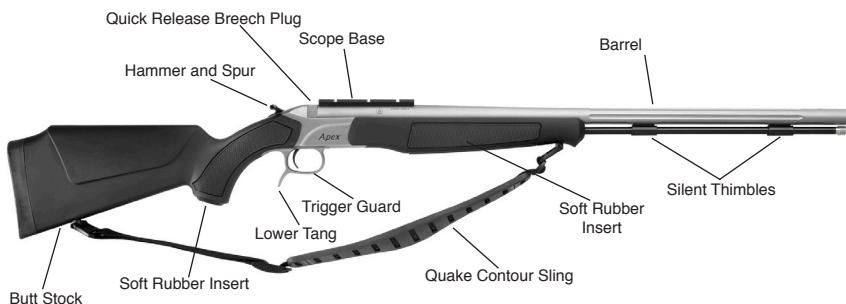
The CVA Apex rifle utilizes a unique frame and barrel assembly that allows for quick and easy conversion from a muzzleloading rifle to a number of popular centerfire calibers. This makes the Apex one of the most versatile firearms on the market today. **CVA strongly urges you to carefully read this manual in its entirety, paying special attention to the safety notices that are printed in red.**

If, after reading the instructions, cautions and dangers detailed in this manual, you are not willing to accept the responsibilities involved in the safe handling and shooting of a firearm, return the firearm in its entirety to the place of purchase. If you have any questions about the safe use of your CVA firearm, write, call or e-mail our Customer Service Department at:

BLACK POWDER PRODUCTS, INC
1685 BOGGS ROAD • SUITE 300
DULUTH, GA 30096
770-449-4687 • info@bpiproducts.com

NOTE: If you sell, trade or give this firearm to any other person, this owner's manual must accompany the firearm. Replacement books are available from CVA, or online at the company's website www.cva.com.

**NO MECHANICAL SAFETY SHOULD EVER BE RELIED UPON TO TAKE THE PLACE OF SAFE GUN HANDLING!
YOU, AND ONLY YOU, ARE RESPONSIBLE FOR SAFELY CONTROLLING THE MUZZLE OF YOUR GUN. DO NOT ALLOW YOUR MUZZLE TO POINT AT ANYTHING YOU DO NOT WISH TO SHOOT!**



THE TEN COMMANDMENTS OF FIREARM SAFETY

1. Always keep the gun's muzzle pointed in a safe direction. Never pull the gun towards you by the muzzle.
2. Be sure of your target and what is beyond it.
3. Never rely on a gun's mechanical "safety".
4. The gun should remain unloaded until ready to use.
5. Always wear hearing and eye protection.
6. The barrel should be clear of all obstructions before loading and shooting.
7. Handle every gun as if it were loaded.
8. Store guns and ammo separate and in a locked area.
9. Avoid alcoholic beverages and drugs before and during the use of a firearm.
10. Do not alter or modify your firearm. Have your firearm checked regularly by a competent gunsmith. Make sure all parts work properly prior to each use.

Health Warning: Discharging firearms in a poorly ventilated area and/or handling ammunition may cause exposure to lead or lead compounds. According to the state of California, exposure to lead or lead compounds may cause cancer, birth defects, or other reproductive harm. Make sure that you have proper ventilation at all times. Be sure to wash your hands thoroughly after shooting, handling ammunition, or cleaning your firearm as these activities can cause you to be exposed to lead. Do not eat or smoke during these activities.

SAFETY CONSIDERATIONS FOR BOTH MUZZLELOADERS AND CENTERFIRES

CAREFULLY READ THIS SECTION AS THE SAFETY CONCERNS ARE APPLICABLE TO BOTH MUZZLELOADING AND CENTERFIRE RIFLES.

If you have questions, doubts, or concerns, please call CVA Customer Service, 770-449-4687.

1. Never smoke when shooting or handling a firearm or related equipment. Ashes and/or loose sparks may cause powder or caps/primers to ignite, resulting in personal injury or death.
2. Always wear ear and eye protection. Excessive noise and flying debris from the breech area and muzzle are common with any firearm.
3. Never pour powder into the muzzleloader directly from a powder can, flask, horn, or any other large volume, enclosed container. Hot embers or

- sparks in the barrel can cause a flash that, in turn, may cause the container to explode.
4. All powder storage containers and primers/caps should be kept well away from the shooting area. Sparks from shooting could cause accidental ignition of these materials. Follow manufacturer's instructions regarding long-term storage of these products.
 5. Use only blackpowder or approved blackpowder substitutes in your muzzleloading firearms. If you have any questions regarding approved blackpowder substitutes call, write or e-mail CVA Customer Service. **NEVER USE MODERN SMOKELESS POWDER IN ANY MUZZLELOADER. The use of any amount of smokeless powder in a muzzleloader, by itself or in mixture with blackpowder or approved substitutes, will create dangerously high pressures which may, upon ignition, result in severe injury or death to the shooter or bystanders.**
 6. Always check to make sure your firearm is in good working order before use. Test the hammer, trigger, and breeching lever carefully prior to loading. Check the barrel for any obstructions, as any obstruction can cause the barrel to burst causing severe injury or death.
 7. Use only the recommended loading data for the CVA Apex muzzleloader. Other models may have different powder charge and/or bullet requirements and limitations. Improper loading or overloading of a muzzleloader can result in severe injury or death.
 8. Never prime a muzzleloader or load a centerfire rifle until you are ready to fire. The primer/cap/cartridge should always be removed when walking, climbing trees or fences, transferring the gun from one person to another, leaving the gun unattended, etc.
 9. Never lean a loaded firearm against a wall, tree, vehicle, or other surface. Any fall of a loaded gun may result in an accidental firing of the gun, which may result in severe injury or death.
 10. Never transport a loaded firearm in any type of vehicle. A muzzleloader is considered loaded until powder, bullet, and primer/cap have been removed from the barrel. A centerfire is considered loaded until the cartridge is removed from the barrel.
 11. Never give, or accept from anyone else, a loaded muzzleloader. Only the party who loaded or witnessed the loading of the muzzleloader should fire it. This practice will help eliminate the chance of double-loading the gun which may result in severe injury or death if fired.
 12. Never store a loaded firearm. The cartridge, or the bullet, powder, and primer should be removed and the gun cleaned prior to any storage.
 13. Never load a firearm without first making sure the barrel is unloaded and unobstructed.

14. Use extreme caution when hunting from a tree stand. The accidental dropping of a firearm may cause a discharge, which may result in severe injury or death. Be sure the firearm is unloaded before raising or lowering the firearm.
15. **Never rely upon a mechanical safety!** Firearms should always be handled as if ready to fire, regardless of the position or condition of the mechanical safety.
16. Always use proper cleaning procedures. Firing of an improperly maintained or corroded firearm may lead to unsafe pressure conditions and/or cause the barrel to rupture resulting in severe injury or death.
17. Make sure the projectile is fully seated on the powder charge in a muzzleloader. The firing of a “short start,” or improperly seated bullet, may cause the barrel to burst resulting in severe injury or death.
18. Always keep the barrel pointed in a safe direction when loading. Never allow the barrel to point at anything that you do not intend to shoot.
19. Do not attempt to alter the internal parts of your gun. Doing so may create a dangerous situation resulting in an accidental firing of the gun and possible severe injury or death. Such alterations generally void the warranty.

YOU ARE RESPONSIBLE FOR FIREARM SAFETY! As a gun owner, you must accept a set of demanding responsibilities. At all times you must handle your rifle with intense respect for its potential dangers. Read and understand the functions and terminology explained in this book before attempting to use your CVA rifle.

FOR YOUR SAFETY AND THE SAFETY OF OTHERS: CVA encourages that you take a certified hunter’s safety course before using the Apex or any other firearm. Consult your local Game & Fish authorities for information on the courses available. Even if you do not intend to hunt game animals, the information gained from taking a hunter’s safety course can help in preventing dangerous or fatal accidents from occurring.

INTRODUCTION TO THE CVA APEX RIFLE

The CVA Apex is available as a muzzleloader or a centerfire rifle. Also you may purchase one or more extra barrels for your Apex allowing the use of the same gun for various hunting needs.

All CVA Apex rifles feature a state-of-the-art Bergara Barrel™ that is produced in one of the world’s most highly respected gun-making areas- Northern Spain. Bergara Barrels™ are made on the most modern and precise barrel machines in the world. After precision deep-hole drilling, the barrel blank is honed to size in

a three-step process using diamond-coated tools. This honing process leaves a finish that is far smoother than traditional reaming and is ideal for the button rifling process. Bergara Barrels™ provides you with a truly custom-quality barrel at a production barrel price.



A great new feature of the Apex rifle is CVA's Quick Release Breech Plug that allows the breech plug to be removed without tools. Even after dozens of shots! Simply unscrew the breechplug with your fingers to remove.

GETTING STARTED WITH MUZZLELOADING

All CVA break-action muzzleloaders are capable of handling a “magnum” powder charge of 150 grains by volume when using approved pelletized powder (typically charges of loose powder exceeding 110 grains will not fully burn in the barrel). Such “magnum” loads should never be fired in sidelock guns or in any other in-line rifles that do not feature a one-piece barrel design.

1. After fully reading and understanding this manual, remove the gun and related tools from the box.
2. **Safety First! Verify that the gun is unloaded and the barrel is clear!** Pull the lower tang of the trigger guard to the rear to unlock the barrel. Remove the breechplug by unscrewing it with your fingers, no tool should be necessary. Visually inspect the barrel by looking through it. Proceed only if you can see that the barrel is clear.
3. Clean the shipping grease from the inside and outside of the barrel.
4. Apply CVA breechplug grease or high temperature anti-seize compound to the breech plug threads.
5. Replace the breech plug in the barrel. Turn it in only until it is snug, **do not over tighten.**
6. Check all mechanical functions described in this pamphlet.
7. Understand all terminology and procedures prior to loading or firing.
8. Get any and all questions and doubts answered prior to loading or firing.

LOADING ACCESSORIES

There are several items you will need to successfully load and prepare your muzzleloader for firing. These items are:

- Propellant- Blackpowder or an approved substitute. Never use any amount of modern, smokeless powder.
- Projectile- PowerBelt™, sabot, or conical bullet.
- Ignition Source- Modern #209 shotgun primer or equivalent.
- Powder Flask- For carrying a supply of loose powder (not required with pelletized powder).
- Powder Measure- For measuring the correct volume of loose powder and for transferring a single charge to the muzzle of the gun (not required with pelletized powder).
- Bullet Starter- To start the bullet into the muzzle of the gun.
- Capper- To carry and dispense extra #209 primers.
- Speed loaders- To carry extra pre-measured powder charges and bullets for quick reloading.

PROPELLANTS

NEVER USE ANY AMOUNT OF MODERN SMOKELESS POWDER IN ANY MUZZLELOADER! The use of any amount of modern smokeless powder in a muzzleloader will create dangerously high pressures upon ignition which can burst the barrel and likely lead to severe injury or death to the shooter or bystanders. The use of smokeless powder will immediately void the warranty.

Muzzleloader shooters are limited in their choices of propellants. Only the following propellants should be considered as being safe for use:

BLACKPOWDER- Blackpowder is available in several granulations (the average size of each particle of the powder) which are rated as FG, FFG, FFFG, and FFFFFG. The more “F’s” in the name, the finer and faster burning the powder. Care must be taken to assure that only the proper granulation is used. **ONLY FFG POWDER OR ITS EQUIVELANT GRANULATION OF BLACKPOWDER SUBSTITUTE SHOULD BE USED IN YOUR CVA APEX RIFLE BARREL.** The use of other granulations may result in improper burning or higher than acceptable pressures.

BLACKPOWDER SUBSTITUTES- Safer and cleaner burning substitutes for blackpowder have been developed and are perfectly suitable for use in your CVA muzzleloader. Some of these are available in both granular and pellet form. An important thing to remember is that individual rifles will perform differently with the same propellant and bullet combinations. Each of these blackpowder substitutes have their own characteristics and you may want to try several to see which one gives you the performance you are looking for. Please refer to and follow the powder manufacturer’s written instructions for the

specific propellant you are using. If you have technical questions concerning the propellant you are using, or for any new propellants that may come on the market, please contact the customer service or technical department listed on the product label.

PRIMERS

The number 209 shotgun primer has become the most common ignition source for inline muzzleloaders. This popularity has prompted several manufacturers to develop 209 primers specifically for the muzzleloading market. Choosing one of these specialty primers can result in better accuracy and a cleaner shooting barrel.

PROJECTILES

POWERBELT™ BULLETS- PowerBelt™ Bullets are conical projectiles with a patented plastic base designed to seal the bore and trap the propellant's pressures. This provides consistent pressures and un-surpassed accuracy. Unlike most sabots the PowerBelt™ bullet is easy to load and leaves no plastic residue to foul the barrel. All weights of PowerBelt™ bullets can be used in CVA rifles. PowerBelt™ bullets are specifically recommended by CVA for use in our in-line rifles.

CONICAL BULLETS- These pure lead, pre-lubricated bullets are an economical choice and provide acceptable accuracy as well as good “knock-down” power when used with loose powder. These bullets tend to foul the bore with both lead and residual lubricant. To maintain acceptable accuracy, the bore will have to be cleaned after each shot. **CAUTION:** Do not use conical lead bullets weighing more than 400 grains in your CVA rifle.

SABOTED BULLETS- The sabot is a plastic sleeve that is utilized to hold a smaller-than-bore diameter bullet tightly in the bore. Saboted bullets from various manufacturers have been tested and found to deliver acceptable accuracy in CVA muzzleloaders when used in accordance with the sabot manufacturer's instructions. Sabots typically leave a heavy plastic fouling in the bore requiring cleaning of the barrel between each shot. Specific bore solvents may also be necessary to remove the plastic fouling. The CVA Slick Load™ Sabot has a patented design that avoids the fouling and hard-loading issues that plague other brands of sabots making them ideal for the shooter who prefers the sabot design. **CAUTION:** Do not use sabot bullets weighing more than 300 grains in your CVA rifle.

RECOMMENDED POWDER CHARGES

The proper charge for any muzzleloading firearm is an efficient load that provides consistent ignition and velocity while keeping breech pressures below the maximum safe levels. It is important to remember that shooting muzzleloaders is not an exact science. Each individual rifle will have its own preference in powder, charge, and bullet. The muzzleloader shooter must be willing to experiment to some degree if he is to find the “perfect” load for his rifle.

It is recommended that you start shooting with 100 grains of powder. If using granular powder remember that this is measured by volume, not by actual weight. Work up and down in powder volume until you find the most accurate load for your rifle. Your maximum recommended load is 110 grains, by volume, of granular powder or 150 grains equivalency of approved powder pellets. For new powders not specifically mentioned in the Propellant section above, please refer to the manufacturer’s recommendations. If you have any questions regarding these instructions, please call CVA Customer Service immediately.

WHAT IS THE BEST BULLET AND POWDER COMBINATION FOR MY GUN?

Several blackpowder substitutes are available on the market. Each has different properties, advantages and disadvantages. You may want to try several to find the best one for you based on your individual needs. However, after extensive and long-term testing, CVA has found that, in terms of accuracy, cleanliness, and ease of use, IMR® White Hots® is the best performing and most highly recommended propellant for use in CVA muzzleloaders. Use in conjunction with PowerBelt™ Bullets or CVA Slick Load™ Sabots for absolute best results.

LOADING YOUR CVA APEX MUZZLELOADING RIFLE

Before attempting to load your rifle, protect your eyes and hearing with appropriate safety equipment.

1. Verify that your rifle is unloaded and the bore is unobstructed by removing the breech plug and looking through the bore. Apply breech plug grease or anti-seize compound to the breech plug when reinstalling. Swab the bore with a dry patch to remove oil. Fire 1 or 2 primers to remove any residual oil from the barrel breech.
2. Measure an appropriate charge of granular powder, or select an appropriate number of powder pellets (see “PROPELLANTS” section above). Pour or place the powder into the muzzle of the rifle. Always use a powder measure.

NEVER pour directly from a can or flask into the barrel.

3. Place the bullet into the unrifled section in the muzzle of the rifle. Use a bullet starter to start the bullet into the bore. Use the ramrod to push the bullet down to the powder charge. The long jag, included, will attach to the ramrod for greater length when loading and cleaning. Do not store the ramrod under the barrel with the long jag in place! An accessory tip is included that you can attach to your ramrod. This tip will protect the bullet tip. It is recommended that you grab the ramrod no higher than 6 inches from the muzzle when pushing the bullet into the barrel, working your way up the rod as the bullet goes down. This will prevent damage to the rod during loading. **WARNING! Failure to seat the bullet fully down on the powder charge may result in a barrel rupture and possible injury or death.**
4. Remove the ramrod from the bore.
5. ***With the muzzle pointing in a safe direction*** open the breech by pulling the trigger guard to the rear and place a 209 primer in the breech plug.
6. ***With the muzzle pointing at the intended target*** cock the hammer and fire.
7. Reload the rifle by following steps 1-6 again. You will find that with some powders and/or bullets you may have more consistent accuracy if you run a slightly damp patch down the barrel between shots.
8. If your rifle does not fire, wait at least 1 minute and try another primer. If this does not fire the gun, wait at least 1 minute and remove the breechplug. Push the load from the barrel, clean, and start over.

CLEANING YOUR CVA APEX MUZZLELOADER

Clean your CVA Apex after each shooting session or hunt. Leaving corrosive powders in the bore, even overnight, is inviting corrosion damage that will not be covered by your warranty and could even render your gun unsafe to shoot.

While many cleaning products are on the market, we recommend that you use the CVA Barrel Blaster line of products for your CVA Apex rifle. Regardless of the brand of products you choose, you will need to follow these instructions to insure your rifle is cleaned as well as possible. A long jag is included with your rifle. Attach this to your ramrod to convert it into an effective cleaning rod.

1. Swab the bore several full strokes with a properly fitting wet patch. To reduce the risk of staining your barrel we recommend this first patch to be wet with plain water. Follow with several dry patches.
2. Remove the breech plug, wet with cleaning solvent and set aside.
3. Use a properly fitting bore brush on a cleaning rod to scrub the bore. This loosens the accumulated fouling from the rifling.
4. Use several solvent soaked patches to remove the fouling (as an alternative

- to this step, use the Barrel Blaster Foaming Bore Cleaner).
5. Push several dry, clean patches through the bore. Repeat step 4 and 5 as necessary until the dry patches come out clean.
 6. Use a patch wet with rust preventing gun oil (or a Barrel Blaster Rust Prevent Patch) to coat the bore.
 7. Wipe the breech plug with a solvent patch. Use cotton swabs and a wire nipple pick to clean the primer recess and flash hole. Apply breech plug grease to the threads and install finger tight. ***Do not over tighten as this may cause the breechplug to seize.***
 8. After shooting blackpowder or blackpowder substitutes the firing pin and firing pin hole should be carefully cleaned. Using a 2.5mm allen wrench, remove the screw visible above the firing pin. The firing pin and spring will come out to the rear. Clean the firing pin, firing pin spring and the hole in the frame with solvent and oil. Reassemble in reverse order. Push on the firing pin to make sure it travels fully and smoothly. Verify that the pin retracts properly into the frame after being struck by the hammer. **A FIRING PIN THAT IS NOT PROPERLY MAINTAINED CAN FAIL TO RETRACT AFTER FIRING RESULTING IN A "SLAM FIRE" CONDITION WHEREIN THE GUN FIRES INVOLUNTARILY THE NEXT TIME IT IS LOADED AND CLOSED.**
 9. Use a patch and solvent to wipe the breech face around the firing pin to remove primer residue.
 10. Use an oily rag or a Rust Prevent Patch to wipe down the exterior of the gun to prevent rust and corrosion.

Failure to properly maintain your rifle can cause damage to the bore and outside surfaces. It can also cause your breechplug to become stuck in place. If this happens, pad a pair of pliers with leather or heavy cardboard to assist in removal. If this does not work, please send the barrel to CVA for proper removal.

LOADING AND FIRING THE CVA APEX CENTERFIRE RIFLE

1. Before loading the rifle, make sure the barrel is not obstructed by opening the breech and looking through the barrel. **WARNING! Firing a cartridge in a blocked or partially blocked barrel may result in a barrel rupture, possibly causing injury or death.**
2. Make sure the factory ammunition you select is the same as the cartridge designation printed on the side of the barrel. Due to the many factors beyond our control or influence CVA cannot recommend or warrant hand-loaded or re-loaded ammunition.
3. With the muzzle pointing in a safe direction, insert the cartridge into the barrel and close the action. It is recommended that you “snap” the gun closed to insure the most positive and consistent locking of the breech.

4. Cock the hammer, aim and gently pull the trigger to fire.
5. To remove the fired case, or to unload an unfired cartridge, open the breech by pulling on the breeching lever beneath the trigger guard. The extractor will lift the case from the chamber and allow removal by grasping the rear of the case with the fingers. The extractor will not eject the fired or unfired case from the barrel.
6. If a cartridge fails to fire, wait at least 1 minute with the muzzle pointing in a safe direction before removing or trying again.

USE OF MILITARY SURPLUS AMMUNITION: Military ammunition, such as the 5.56 NATO and the 7.62 NATO, generally has thicker case walls than civilian ammunition such as the .223 Remington and the .308 Winchester. Other differences exist in the chamber throat and the pressure to which the ammunition is often loaded. Therefore, CVA and the Small Arms and Ammunition Manufacturers' Institute (SAAMI) recommend against using military surplus ammo in civilian arms. **Only factory loaded ammunition that matches the caliber stamped on the side of your barrel should be used in your CVA rifle.**

CLEANING THE CVA APEX CENTERFIRE RIFLE

1. Although the centerfire cartridges are much cleaner and substantially less corrosive than the muzzleloading ammunition, proper maintenance is just as important. It is recommended that you clean with quality products such as CVA's Barrel Blaster brand of cleaning products. Use a quality cleaning rod with a rotating handle. This will allow the brush or patch to follow the twist of the rifling. Use only brushes with brass cores as steel core brushes can damage the bore if the brush fails. Patches should be 100% cotton.
2. Whenever possible, clean from the breech end of the barrel to protect the muzzle crown.
3. Using a properly fitting bore brush that is wet with solvent, brush the barrel with several full-length strokes. Allow the solvent to sit in the bore for a few minutes (follow the solvent manufacturers recommendations) then brush again. Push clean, dry patches through the barrel to remove fouling and solvent. Repeat the solvent and patching process until the dry patches come out clean.
4. Oil the bore and exterior of the gun to prevent corrosion.

HAMMER SPUR

The Apex comes with a reversible hammer spur. Please note that the hammer spur is attached with left-hand threads. Turn the hammer spur in a clockwise direction to remove it. Once you decide which side of the hammer you prefer, clean the

threads and use a low grade thread sealant or a small drop of household white glue to secure it in position.

SCOPE MOUNTING

CVA rifles come drilled and tapped for easy installation of a scope and mounts. Do not drill additional holes in your barrel as this can weaken the barrel and cause it to burst, resulting in severe injury or death.

The CVA Apex comes with a properly fitted DuraSight Z2 Alloy scope rail that is compatible with the Weaver-style system. CVA recommends the use of DuraSight brand scope rings. The use of a quality ring such as the DuraSight will insure you have a strong and durable set-up. Follow the instructions on the scope ring's factory packaging. Make sure that the rear bell of the scope is an appropriate distance from your eye so that you are not struck by the scope during recoil.

REMOVING AND CHANGING THE BARREL

The Apex rifle offers great versatility through the use of an interchangeable barrel system. To remove or change the barrel you must remove the forend using a properly fitting screwdriver. This will reveal the pin that the barrel pivots on. Using a hammer and a soft punch made of brass, aluminum, plastic or other non-marring material, tap the pivot pin out of the receiver. The barrel will pivot forward and off the frame. To replace the barrel, carefully line up the pivot pin holes in the frame and the barrel and tap the pin back into place. If you meet any resistance in replacing the barrel, STOP and investigate the cause. ALWAYS remove and replace the pivot pin with the rifle in the open position.

DO NOT ATTEMPT TO FIT ANY BARREL OTHER THAN A GENUINE CVA APEX BARREL TO YOUR APEX RIFLE. OTHER BARRELS MAY NOT FIT PROPERLY AND WILL BE DANGEROUS TO FIRE.

NOTE: Centerfire and rimfire barrels require a different forend from the muzzleloading barrel. The item numbers differ depending on the material and finish.

ADJUSTING THE TRIGGER PULL

Your CVA Apex features a trigger mechanism that is adjustable for the weight of pull by utilizing the screw located just behind the trigger guard on the underside of the frame. Turn the screw clockwise to increase the weight of pull or counterclockwise to lower the weight of pull. There is a pre-set minimum weight that will prevent you from making the pull dangerously light.

SERVICE & REPAIR (770) 449-4687, MONDAY – FRIDAY 8:30AM-4:00PM EASTERN TIME

Should your CVA Apex require repair, we recommend that it be returned to our Warranty Repair Center. This will assure that our competent staff of trained technicians performs all work. Under U.S. law, your Apex can be shipped by you directly to our warranty repair center, and we can return it directly to you. Some states have laws that prohibit this. You are responsible for complying with the laws of your state. If you use a licensed dealer or gunsmith to ship the rifle, we must return it to the same dealer or gunsmith. **NO EXCEPTIONS WILL BE MADE.** (Section 178.147 Federal Firearms Regulations)

Any firearm returned to the repair center should be marked to the attention of BPF REPAIR DEPARTMENT. Please return the entire gun even if you feel the problem is with the barrel. A detailed letter of instructions should be enclosed to facilitate handling. Please be sure to include your name, shipping address, and a daytime phone number.

To expedite service please download the repair form available online at this address: http://www.cva.com/pdfs/CVA_Repair_Form.pdf The use of this form will insure that your rifle is repaired in the quickest possible time and returned to you.

All firearms must be unloaded and shipped via United Parcel Service (UPS). SHIPPING A LOADED GUN IS A VIOLATION OF FEDERAL LAW THAT MUST BE REPORTED.

Our Repair Center will inspect and evaluate the problem. Should any work not be covered by warranty, you will be advised of the cost. No unwarranted work will be done without your approval. The address for the CVA Repair Center is:

BLACK POWDER PRODUCTS, INC
ATTN: BPF Repairs
1685 BOGGS ROAD • SUITE 300
DULUTH, GA 30096
770-449-4687 • info@bpipproducts.com

LIMITED LIFETIME WARRANTY

CVA warrants all factory-finished firearms to be free of defects in workmanship or materials for the lifetime of the firearm. This Limited Lifetime Warranty only applies to the original consumer owner. This warranty is put into effect by submitting the warranty information within 15 days of purchase and is not transferable. To save time and postage, the warranty information may also be transmitted electronically via our website at www.cva.com.

Any covered CVA firearm or part thereof that is returned postage paid to the Repair Center or Customer Service Department will be repaired or replaced to our commercial standard, free of charge, and returned to the consumer postage prepaid.

This warranty does not cover damage to any structures, buildings, vehicles, persons or animals, or any other damage resulting from careless handling, improper loading, rust or corrosion, neglect, improper maintenance or customer alterations.

The warranty does not cover normal wear of any part, metal or stock finish, cost of inconvenience due to product failure, or transportation to the Repair Center.

CVA reserves the right to refuse to repair or replace any firearm or parts thereof damaged by any of the above.

This warranty gives you certain specific legal rights. You may also have other rights, which vary from state to state. This warranty is void if:

- Any propellant other than the correct type of blackpowder or blackpowder substitute is used. (Muzzle Loading Barrels.)
- Unauthorized repair work has been performed by a third party.
- CVA recommended maximum powder charge or bullet weight has been exceeded. (Muzzle Loading Barrels.)
- Any form of plastic patch has been used (sabots and PowerBelts™ not included). (Muzzle Loading Barrels.)
- Gun is returned in an abused or neglected condition (rusty, corroded, etc.).
- Military surplus ammunition or any non-factory loaded ammunition is used in centerfire barrels.

VOLUNTARY RECALL INFORMATION

In August of 1997, CVA implemented a Voluntary Recall of all in-line muzzleloading rifle models with serial numbers ending in -95 or -96.

Example of a recalled serial number: 61-13-xxxxxx-95

If you, or someone you know, have a CVA in-line rifle with such a serial number, do not use or allow anyone else to use the gun under any circumstances. Call CVA immediately at 770-449-4687 for complete details and instructions on how to receive a replacement gun.

In May of 1999, Blackpowder Products, Inc. purchased the assets of Connecticut Valley Arms, Inc. and now operates under the trade name of CVA. Any claims relating to the above-described Voluntary Recall should be addressed to Connecticut Valley Arms, Inc., not to Blackpowder Products, Inc. Blackpowder Products, Inc. assumes no liability for any products manufactured or sold prior to January 1, 1998.