



BLACKPOWDER PRODUCTS, INC
1685 BOGGS ROAD • SUITE 300
DULUTH, GA 30096
www.cva.com

FORM 109V2 • REV. 01/13
31051



OWNER'S INSTRUCTION AND SAFETY MANUAL FOR SCOUT V2

**THIS PAMPHLET
CONTAINS INFORMATION
CRITICAL TO THE SAFE
USE AND
MAINTENANCE OF
CVA FIREARMS. YOU
MUST READ THIS
MATERIAL ENTIRELY
AND FULLY**

**UNDERSTAND THIS
INFORMATION BEFORE
YOU CAN SAFELY USE YOUR
FIREARM. 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

The CVA Scout V2 you have purchased is not only one of the most advanced and easy to use firearms on the market today, it is one of the most affordable as well. This pamphlet will teach you the basics of how to operate your firearm in a safe and efficient manner. Certain sections of the pamphlet are written in **RED** to stress their importance in respect to safety. If you sell, trade or give this firearm to any other person, please make sure this pamphlet accompanies the firearm. A replacement pamphlet can be downloaded at www.cva.com/muzzleloading-resources.php. You can contact CVA Customer Service by mail, telephone or email.

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770-449-4687 (8:30 TO 4:00 EST)
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THE INFORMATION CONTAINED IN THIS PAMPHLET IS CRITICAL FOR THE PROPER USE AND CARE OF YOUR FIREARM. DO NOT ATTEMPT TO LOAD OR FIRE YOUR FIREARM UNTIL YOU HAVE READ THIS MANUAL IN ITS ENTIRETY. FAILURE TO DO SO MAY RESULT IN ACCIDENTS THAT CAN CAUSE SERIOUS INJURY OR DEATH TO THE SHOOTER OR BYSTANDERS.

OVERVIEW AND SAFETY WARNINGS

WARNING: THE INFORMATION CONTAINED IN THIS MANUAL IS CRITICAL FOR THE PROPER USE AND CARE OF YOUR FIREARM. CVA strongly urges you to carefully read this manual from front to back, paying special attention to the important safety notices that are printed in red, BEFORE attempting to load or fire your firearm.

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.

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. Do not eat or smoke during these activities.

SAFETY CONSIDERATIONS

CAREFULLY READ THIS SECTION, AS THE SAFETY CONCERNS HERE ARE APPLICABLE TO ALL TYPES OF FIREARMS. If you have questions, doubts, or concerns, please call CVA Customer Service.

1. Never smoke when shooting or handling a firearm or related equipment. Ashes and/or loose sparks may cause powder or primers to ignite, resulting in personal injury or death.
2. Always wear eye protection. Flying debris from the breech area and muzzle are common with any firearm.
3. Always check to make sure your firearm is in good working order before use. Check that the gun is unloaded then test the hammer, trigger and operating system carefully prior to loading. Open the gun and check the barrel for any obstructions, as any obstruction can cause the barrel to burst causing severe injury or death.
4. Never load a gun until you are ready to fire. The cartridge should always be removed when walking, climbing trees or fences, transferring the gun from one person to another, leaving the gun unattended, etc.
5. 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.
6. Never transport a loaded firearm in any type of vehicle. A gun is considered loaded until the cartridge is removed.
7. Never store a loaded firearm. The guns should be unloaded and the barrel and mechanism cleaned before storage.
8. Never attempt to load a firearm without first making sure the barrel is unloaded and unobstructed.
9. 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.
10. Never rely upon a mechanical safety! Mechanical features can and do fail. Firearms must always be handled as if ready to fire, regardless of the position or condition of the mechanical safety.
11. 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.
12. Never allow the barrel to point at anything that you do not wish to see destroyed.

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 firearm with intense respect for its potential dangers. Read and understand the functions and terminology explained in this book before attempting to use your CVA firearm.

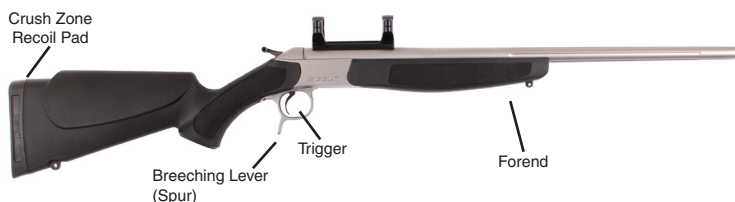
FOR YOUR SAFETY AND THE SAFETY OF OTHERS: CVA encourages that you take a certified hunter's safety course before using any firearm. Consult your local Game & Fish authorities for information on the courses available. Even if you do not intend to hunt game animals, the information gained from taking a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

INTRODUCTION

The CVA Scout V2 is available only as a single caliber gun. It does not feature interchangeable barrels like some other versions of CVA centerfire firearms. The barrel is fitted to a specific frame and is thus not interchangeable with other Scout V2 models. Attempting to fit a barrel from another rifle or firearm model could result in an unsafe condition. If you have reason to believe that your barrel is not original to your frame, please call CVA for verification.

LOADING AND FIRING THE CVA SCOUT V2 FIREARM

1. Before loading the firearm make sure the barrel is not obstructed by opening the breech and looking through the barrel. The breech is opened by pulling the spur, located at the back of the trigger guard, to the rear. This will allow the barrel to pivot forward for inspection, cleaning or loading.
2. Make sure the ammunition you select is the same as the cartridge designation as printed on the side of the barrel.
3. With the muzzle pointing in a safe direction, insert the cartridge into the barrel and close the action.
4. With the gun pointed in a safe direction, 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 spur at the rear of 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. Note that the extractor only partially pulls the case from the chamber, it does not eject it.
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.

CLEANING THE CVA SCOUT V2

It is recommended that you clean with quality products such as CVA's Barrel Blaster brand of cleaning products. Use a quality cleaning rod and jag. We recommend that you clean from the breech end of the barrel to protect the muzzle crown.

1. Use a quality cleaning rod and jag. We recommend that you clean from the breech end of the barrel to protect the muzzle crown.
2. Unscrew the forend and remove. To remove the barrel, drive out the pivot pin with a soft punch (brass or aluminum). This step is not always necessary.
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). 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. The firing pin can be cleaned and lubricated by following these steps:
 - Verify the gun is unloaded
 - Cock the hammer to expose the rear of the firing pin
 - Remove the screw above the firing pin
 - The firing pin and spring will follow. Reassemble in reverse order.

This step is needed only occasionally or if the mechanism is soaked with water.

5. Oil the bore, pivot pin and exterior of the gun to prevent corrosion.

ADJUSTING THE OPEN SIGHTS (SELECTED MODELS ONLY)

Some models come from the factory equipped with fiber-optic open sights. To adjust the sights to the bullet's point of impact you should fire at least 2 shots at the target before making adjustments. Adjust your sights to the center of the group. The "rule of thumb" to remember is that you move the rear sight the same direction that your bullet hit must move. In other words, if you need your group to go to the right, move the rear sight to the right. If you need your group to go up, move the rear sight up. Loosen the screw on the sight to allow for movement and retighten securely afterwards.

SCOPE MOUNTING

CVA Scouts 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.

Without a doubt, the most common cause of unacceptable accuracy is inferior scope mounts and rings. Often the price difference between the cheapest mounts and rings on the shelf and a set of good quality heavy-duty mounts and rings is just a few dollars. Certainly it is less than the ammunition you will shoot before you figure out that those inferior rings were “false economy.” CVA uses and recommends the DuraSight™ brand of precision scope mounts and rings to compliment your CVA Scout. These quality mounts and rings should be available from the dealer where you bought your gun. If not, contact CVA Customer Service.

Follow the scope mount manufacturer’s recommended instructions when installing the mounts and rings. The use of Loctite™ thread-locking compound is optional but certainly not required. If you decide to use this material, use a low-strength grade and use it sparingly. Take care to assure that the front bell on the scope is not contacting the barrel. 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.

SERVICE & REPAIR (770) 449-4687, MON-FRI 8:30AM-4:00PM EASTERN TIME

Should your CVA Scout V2 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 Scout V2 can be shipped by you directly to our warranty repair center, and we can return it directly to you. If you use a dealer or gunsmith to ship the firearm, we must return it to the same dealer or gunsmith. NO EXCEPTIONS WILL BE MADE. (Section 178.147 Federal Firearms Regulations).

Contact CVA Customer Service for a Return Authorization prior to shipping your gun.

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. All firearms must be unloaded and shipped via United Parcel Service (UPS). Shipping a loaded gun is not only dangerous and irresponsible; **it is a violation of the law that must be reported.** Once received, 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:

BP FIREARMS COMPANY, LLC
ATTN: REPAIR BPF DEPARTMENT
1685 BOGGS ROAD • SUITE 300
DULUTH, GA 30096

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 the return of the authorized warranty card within 15 days of purchase and is not transferable. To save time and postage, the warranty information may also be transmitted electronically via our web site at <http://www.cva.com/lifetime-warranty-registration.html>.

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:

- Unauthorized repair work has been performed by a third party.
- Gun is returned in an abused or neglected condition (rusty, corroded, etc.).
- Military surplus ammunition is used

VOLUNTARY RECALL INFORMATION

In August of 1997, CVA implemented a Voluntary Recall of all in-line muzzleloading firearm 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 firearm with such a serial number, do not use or allow anyone else to use to 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.