SAFETY CONSIDERATIONS FOR MUSCLELOADERS

1. Never load a loaded firearm against a wall, tree, vehicle, or other surface. Any force applied to the firearm in this manner may result in an accidental firing of the gun, which may result in severe injury or death.

2. Never transport a loaded firearm in an automotive vehicle. The uncontrolled movement of a vehicle may result in improper hunting or higher pressures. The use of gasoline blackpowder is no longer common today due to tight regulations regarding its storage and transportation.

BLACKPOWDER SUBSTITUTES - Safer and cleaner-burning substitutes for blackpowder have evolved over the years and are perfectly suitable for use in your CVA muzzleloader. Some of these are available in both granulated and pelletized form. Inexpensive, easily obtained, and not subject to state or federal regulations, these products may also be used in your CVA if you are already subject to state or federal regulations, these products may also be used in your CVA.

CV A prototypes and full-scale testing, CV A has found that, in terms of accuracy, cleanliness, and ease of use, CV A's Bore Blaster™ line of cleaning solvents and accessories is highly superior to any other product on the market. The CV A Bore Blaster™ line has been specifically designed to clean muzzleloaders.

BLACKPOWDER - Important! The term “blackpowder” refers to the formulation of primitive black powder used in the early days of muzzleloading. The word “blackpowder” is used here only to refer to the commonly used blackpowder substitutes. The modern blackpowder substitutes are more efficient and consistent in producing higher pressures which may, upon ignition, result in severe injury or death to the shooter or bystanders.

Propellants

PROPELLANTS NEVER UNDER ANY CIRCUMSTANCES USE ANY AMOUNT OF MODERN SMOKELESS POWDER IN ANY MUSCLELOADER USING RIFLED BARRELS. The use of smokeless powder in your muzzleloader will create dangerously high pressures upon which you should never risk. CCW, CA BW, and other authority, before using this Pamphlet is to inform you of the basic principles of handling a firearm in the safest manner. You may also read the safety instructions completely before loading your gun. If you are not satisfied with the handling of any muzzleloader, you should not use it. This pamphlet accompanies the rifle. Replacement pamphlets are available from CVA Customer Service. You may read the safety instructions completely before loading your gun.

FOR YOUR SAFETY AND THE SAFETY OF OTHERS

SAFETY MECHANISMS IN YOUR MUSCLELOADER ARE A MECHANICAL DEVICE - ALL MECHANICAL DEVICES CAN FAIL. SAFETY MECHANISMS ARE NOT ALWAYS PRESENT. YOU, AND ONLY YOU, ARE RESPONSIBLE FOR SAFELY CONTROLLING THE MUSCLELOADER. No mechanical device is 100% safe or error-proof. Some portions of this pamphlet are printed in RED in order to emphasize their special importance. However, this pamphlet is not intended to be a substitute for the instructions provided with your CVA muzzleloader.

YOU MUST ACCEPT RESPONSIBILITY FOR YOUR OWN SAFETY AND THE SAFETY OF OTHERS тысячи лет. Нельзя стрелять без выдоха, чтобы избегнуть непредсказуемых изменений в окружающей среде. Нельзя стрелять в преграды. Нельзя стрелять в преграды. Нельзя стрелять в преграды. Нельзя стрелять в преграды. Нельзя стрелять в преграды. Нельзя стрелять в преграды.

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SHOOTING YOUR CVA RIFLE
Always judge your target carefully. Know what is beyond the target in case of a miss or full penetration. You should always place the target in front of a backdrop of dirt or heavy timbers when target shooting. When hunting, be sure what is beyond the target. Do not shoot if your bullet may enter a camp, cross a road, or head toward a target. Always judge your target carefully. Know what is beyond the target in case of a miss or full penetration. It can also cause your breechplug to become seized to the breechplug threads and install into the barrel finger tight (over tightening the breechplug can lead to a breechplug that is difficult or impossible to remove).

4. Using a properly fitting screwdriver remove the firing pin bushing from the front of the breechplug. The firing pin and spring will drop out. Clean these parts and the firing pin recess thoroughly, lube and reinstall. Cotton swabs are good to use here as well. A light coating of boreplug grease on the bushing threads is a good idea.

5. Place a properly fitting bore brush on the rod and make several full-length strokes through the barrel. The brush should be wet with solvent for this step.

6. Remove the brush from the rod and use the jag to push several patches damp with solvent through the bore. Allow the solvent to work for a minute or two and follow with dry, clean patches. Repeat until the barrel is clean. Use a good quality non-porous gun oil to protect the bore. CVA's Barrel Blaster Rust Prevent Patches are excellent for this.

7. Take the solenoid-sealed breechplug and wipe all surfaces, including the threads, with patches or a rag. Make sure the front is clean as well as the primer pocket and flash hole (the small hole through the center of the plug). Cotton swabs, pipe cleaners and a soft patch are good for this. Gently apply boreplugs grease or high temperature anti-seize to the breechplug threads and install into the barrel finger tight (over tightening the breechplug can lead to a breechplug that is difficult or impossible to remove).

8. Use a patch wet with solvent to scrub the breechblock and other action areas that you can reach. Cotton swabs can be used here to do a good job. Clean the threads with a light solvent such as alcohol.

9. Using a properly fitting screwdriver remove the firing pin bushing from the front of the breechplug. The firing pin and spring will drop out. Clean these parts and the firing pin recess thoroughly, lube and reinstall. Cotton swabs are good to use here as well. A light coating of boreplug grease on the bushing threads is a good idea.

CLEANING YOUR HAMMER SPUR
CVAs come 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 reload it is recommended that you swab the bore between shots with a slightly or two wet with water through the barrel to remove the bulk of the fouling. Using a jag on a cleaning rod, range rod, or extended ramrod, push a patch or two through the barrel until fully seated. It can also cause your breechplug to become seized to the breechplug threads and install into the barrel finger tight (over tightening the breechplug can lead to a breechplug that is difficult or impossible to remove).

12. Thread locking compounds such as Loctite® are not necessary. If you desire to use a thread locking product use as little as possible. The best way to use is to apply a small bead to the first 2 or 3 threads of the screw. Place a properly fitting screwdriver to the screw head nearly always results in the compound being forced out and under the base, resulting in uneven contact between the base and barrel and possible accuracy problems.

13. Place the base onto the barrel and fully tighten one screw. Check to see if the base is held tightly to the barrel. If it is, loosen the screw and install another. Check each screw individually in this manner to make sure that each screw is doing its job. If you find a screw that is not securing the base on its own, investigate the cause and correct before moving on.

- Many times small problems and concerns can be addressed with CVA Customer Service and taken care of without the need to send the rifle back.

LIMITED LIFETIME WARRANTY
CVA warrants all factory-finished firearms to be free of defects in workmanship or materials for the lifetime of the firearms. 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.

ANY COVERED CVA firearm or part thereof that is returned postage paid to the Repair Center will be repaired or replaced to our commercial standard, free of charge, and returned to the consumer postage prepaid. This warranty does not cover any 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. CVA reserves the right to refuse to repair or replace any firearms or parts thereof damaged by any of the above. The warranty does not cover normal wear of any part, material or stock finish, cost of inconvenience due to product failure, or transportation to the Repair Center.

PLEASE VERIFY THAT THE GUN IS IN THE LOCKED AND PROPERLY SECURED POSITION BEFORE SHIPPING IT! If your gun is loaded and you don’t know what to do please call CVA Customer Service for instructions. It is not only unsafe and impossible to ship a loaded gun, it is a criminal offense that must be reported.