



ROA-15/10 User Manual

Contact Information

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ROA-15/10 is Proudly Made in Tennessee, USA.

The user manual should always accompany this firearm, and be transferred with it upon change of ownership.

SAFE GUN HANDLING IS YOUR PERSONAL RESPONSIBILITY AT ALL TIMES.

READ THE USER MANUAL BEFORE USING!

DISCLAIMER OF LIABILITY

Rusty Oak Armory and its Owner shall NOT be responsible for product malfunctioning or for physical injury, death or damage to property resulting from either intentional or accidental discharge of this firearm, its criminal or negligent use, improper or careless handling, unauthorized modifications or alteration, use of defective or improper or hand-loaded or (replaced) ammunition, or from its use for purposes or subjection to treatment for which it was not designed. For your safety, use only original high quality commercially manufactured ammunition in good condition that is appropriate to the caliber/gauge of your gun. Rusty Oak Armory and its Owner shall NOT be responsible for product or its result from use of defective, improper or reloaded ammunition.

USER GUIDE

This section is designed to help you in learning how to properly use and care for the purchased firearm. This section shall be read and understood before using the firearm. Disregarding the user manual or warnings in this manual may result in injury or death to you and others and damage to property. Only when you are certain you have fully familiarized yourself with the function of your firearm should you practice loading, unloading and firing with live rounds of ammunition. If you are unsure of the weapons function and use at any time, seek the help of a professional firearms instructor, and/or gun store tech, or gunsmith. Taking a Professional class in the use of your firearm is Highly Recommended!

Unloading and Clearing Your Rifle

Following the steps below to unload your rifle:

1. Keep your rifle pointed in a safe direction for the duration of this procedure
2. Place your selector on "SAFE". You cannot select "SAFE" unless the hammer is cocked.
3. Depress the magazine catch button and remove the magazine.
4. Eject the chambered cartridge by retracting the charging handle until it stops. Let the ejected cartridge fall to the ground.
5. Lock the bolt open by depressing the bottom of the bolt catch. If you cannot manipulate the charging handle and the bolt catch at the same time, you can use an empty magazine, which will activate the bolt catch for you.
6. Push the charging handle forward until it clicks to re-latch the charging handle.
7. Inspect the chamber and receiver to ensure you have removed all cartridges from the action.

Your rifle is now unloaded and Clear. It may now be loaded or prepped for transportation or storage

Loading and Firing Your Rifle

Following the steps below to load your rifle:

1. Begin with a rifle that has been verified to be unloaded using the preceding directions.
2. Keep your rifle pointed in a safe direction for the duration of the procedure.
3. Load your magazine with the proper ammunition chambered for your Rifle. Place cartridge between the magazines feed lips and push down to seat.

4. Using firm and steady pressure insert the loaded magazine into the magazine well until the magazine catch locks the magazine in place. Do not slam the magazine into position; it will damage your magazine and rifle. Pull the magazine down to verify that it is locked in place.
5. Get into the shooting position you plan to use. Grasp the pistol grip in one hand and the hand guard in the opposite hand with the butt stock to your shoulder.
6. To chamber a cartridge, you may depress the bolt catch or retract the charging handle until the bolt is no longer being held by the bolt catch. Release the charging handle. Do not maintain control of the charging handle while chambering a cartridge; this will cause the rifle to jam.

Your Rifle is now Loaded. The following section describes the sequence for one complete firing cycle. Knowing the correct function of your rifle is essential as it helps you with the diagnosis of any malfunctions or failures to fire. Beginning after a cartridge is chambered,

- The trigger is pulled releasing the hammer, which strikes the firing pin.
- The firing pin impact the primer in the chambered cartridge igniting the primer which ignites the powder.
- As the powder is burned it creates a high volume of gas, which propels the bullet down the bore of the barrel.
- The exhaust gas is also vented out of the bore through the gas tube and into the carrier key on the bolt carrier.
- The gas pushed the bolt carrier back unlocking your bolt from the barrel extension allowing the bolt carrier to recoil completely.
- The underside of the bolt will push the hammer down where it is caught and held by the disconnecter.
- The bolt will pull the spent cartridge out of the chamber and eject it from the rifle.
- At full recoil the carrier has pushed the buffer and buffer spring back into the receiver extension.
- The magazine will present a new cartridge, which will be stripped from the magazine by the bolt as the recoil spring pushes the bolt carrier group back into battery.
- The new cartridge is now chambered.
- The fire control group will reset once you have released the trigger allowing the disconnecter to release the hammer and reengage the trigger's sear.
- The rifle is ready to be fired again or put on "SAFE" and unloaded.

Basic Care and Maintenance

Proper maintenance is crucial to ensure you get the best performance from your firearm. High quality cleaning products will ensure that you get your rifle clean quickly and without damage to your firearm. The Mil-Spec cleaning kit is great for field use, but a good set of cleaning tools and a one-piece cleaning rod will make your task easier at home. It is important to make sure the cleaning products you purchase are safe to use for the parts you are cleaning.

Upper Maintenance

This section describes steps for upper maintenance:

1. Use cleaning fluid on the bore and chamber, the gas tube, the upper receiver, barrel assembly, locking lugs, and all areas of powder fouling, corrosion, dirt or dust.

2. Install the chamber brush on the cleaning rod, dip the brush in cleaning fluid and insert it into the chamber and locking lugs. Clean by pushing and twisting the cleaning rod.
3. Install the bore brush on the complete cleaning rod. Dip the brush in cleaning fluid. Run the rod through the chamber and flash suppressor or muzzle break several times.
4. Take the bore brush off the rod and install a swab holder and a swab. Apply cleaning fluid to the swab; then run it through the chamber and out the flash suppressor (if applicable). To remove carbon build-up, let the solvent sit, then wipe clean. Wipe the bore dry by running clean swabs all the way through from the chamber to the flash suppressor.
5. Once the patches come out dry, they should be clean. If not repeat steps 3 & 4.
6. Use a worn out bore brush to clean the outside surface of the protruding gas tube. *NOTE:* Heat will discolor your gas tube; do not try to remove this discoloration.
7. Wipe the charging handle with a patch dipped in solvent; wipe off solvent with a dry cloth.
8. Inspect the upper assembly for any worn, broken or damaged parts.
9. Lightly lubricate the bore and chamber, outer surface of the barrel, under the hand guards, and the charging handle.
10. With a lubricated swab, run the rod from the receiver to the flash suppressor or muzzle brake. Do not overlubricate.
11. Lubricate the locking lugs
12. Reassemble Upper.

Lower Maintenance

This section describes the steps for lower maintenance:

1. Remove any dirt or debris from the trigger group with a cleaning brush and/or cotton swab dipped in cleaning fluid.
2. Remove powder fouling, corrosion and dirt from the lower receiver with a cleaning brush and/ or cotton swab dipped in cleaning fluid.
3. Use a pipe cleaner to clean the butt-stock screw vent hole.
4. Clean the buffer, recoil spring and inside of the lower receiver with a cleaning brush and/or cotton swab dipped in cleaning fluid.
5. Examine the lower receiver assembly for any worn, broken or damaged parts.
6. Lightly lubricate the lower receiver and the internal parts of the lower receiver assembly.

Bolt and Carrier Maintenance

This section describes steps for bolt and carrier maintenance. **WARNING:** Never interchange bolts between rifles.

1. Clean all parts and outer surfaces of the bolt carrier assembly with a swab saturated with cleaning fluid.
2. Clean the bolt carrier key with a worn bore brush dipped in cleaning fluid and dry with a pipe cleaner.
3. Remove carbon deposits and dirt from the locking lugs with a cleaning brush dipped in cleaning fluid.
4. Clean the areas behind the bolt rings and under the lip of the extractor.
5. Press the ejector in repeatedly to remove accumulated brass shavings from the ejector hole and assure the ejector moves freely.

6. Inspect the bolt assembly for cracks or fractures, especially in the cam pin hole area. Inspect the firing pin retaining pin for bends, breaks or dents. Inspect the bolt cam pin for cracks or chips. Inspect the firing pin for bends, cracks, or a sharp, chipped or blunted tip.
7. Lubricate the bolt carrier, bolt, cam pin, firing pin and firing pin retaining pin. Be sure to coat the inner and outer surfaces and the cam pin area of the bolt carrier. Place one drop of lubricant inside the key. Flush the ejector with lubricant and cycle the plunger enough to ensure the ejector spring is well lubricated.

IMPORTANT SAFETY WARNINGS

This firearm intended use is for plinking, target shooting, hunting, and self-defense ONLY! This section lists important warnings for the firearm owner. This section shall be read and understood before using the firearm. If you have any doubts about your ability to handle or use this gun safely, seek supervised instruction.

- Prior to removing this gun from its packaging, and prior to loading and firing, carefully and thoroughly read the entire user guide section which gives advice on the gun's proper handling and functioning. However, your safety and that of others (including your family) depends on your responsible compliance with that advice.
- Never place your finger inside the trigger guard unless you intend to fire.
- Careless and improper handling of the firearm could result in unintended discharge causing injury, death or property damage. Safety must be the first and constant consideration when handling a firearm and ammunition.
- This firearm was designed to function properly in its original condition. Alterations can make it unsafe. Do not alter any part or add or replace parts.
- Always handle and treat your firearm as if it were loaded so you never fire it accidentally when you think it is unloaded. Never take anyone's word it is unloaded. Always check it yourself with your fingers off the trigger and the gun pointed in a safe direction.
- Water, snow, mud, excessive lubricating oil or grease or any other material can obstruct the barrel of your gun. Always check the barrel of your firearm for obstruction before loading and firing.
- Clean a fouled gun immediately to ensure its correct and safe function.
- Keep the gun's muzzle pointed in a safe direction at all times. Never let the muzzle of a firearm point at any part of your body, another person or at anything you do not intend to shoot.
- Always be certain of your target before firing.
- Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead and other substances that may cause birth defects, reproductive harm, and other serious physical injury. Have adequate ventilation at all times. Wash your hands thoroughly after exposure. Shooting or cleaning guns may expose you to lead.
- Unload all firearms when not in use. Never store a loaded firearm.
- Firearms and ammunition should be safely stored separately so that they are inaccessible to children or always make sure your gun is not loaded before cleaning, storing, or handing it to another person.
- Always wear safety glasses while shooting to protect your eyes from injury by gun powder, gas, lubricant, dirt or metallic particles, carbon residue, parks or other debris.
- Always wear ear protection when shooting, especially on a range. Without ear protection, the noise from your gun, and other guns close to you, could leave a "ringing" in the ears for

some time after firing. Repeated exposure to shooting noise could result in permanent hearing loss.

- Never climb a tree, fence or wall while carrying a loaded firearm.
- Don't shoot at a hard surface, or at water. A pellet may ricochet and travel in unpredictable directions to strike you or an object you cannot see.
- Firearms and alcohol/drugs don't mix. Never drink alcoholic beverages or take drugs before or during shooting, as this constitutes criminal disregard for your safety and that of others. Never use a gun while you are taking medication unless you have checked with your doctor to ensure your fitness to handle your gun safely.
- Horseplay has no place around firearms. Guns can't think, you can!

LIMITED LIFETIME WARRANTY

Rusty Oak Armory rifles are warranted to be free from defect in materials and workmanship. Any such defect of which Rusty Oak Armory is given written notice, as provided below will be remedied by Rusty Oak Armory.

To initiate a Warranty claim, contact ROA using the contact information below:

Rusty Oak Armory
sales@rustyoakarmory.com
615-619-3409
Monday-Friday: 8:00 – 5:00 CST

Warranty claims should state (in writing) the model and serial number of the firearm concerned, a description of the difficulty experienced, and the date of purchase.

Rusty Oak Armory will accept no responsibility for loss or damage in transit. Under no circumstance shall Rusty Oak Armory be responsible for incidental or consequential damages with respect to economic loss or injury to property, whether as a result of express or implied warranty, negligence or otherwise. Altering or modifying parts is dangerous and will void the warranty. The ROA rifle was manufactured to perform properly with original parts as designed. It is your duty to make sure any parts you buy are made for this rifle and are installed correctly and that neither replacements nor original parts are altered or changed.

Remember Be Safe, Keep Others Safe, safety is your responsibility, be a safe shooter!