

Instruction Manual for Omega Rifles



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Mission Statement

- To take our love for hunting and precision shooting and build a product in the USA that doesn't compromise quality in any of its completed rifles.

Core Values

- Omega Rifles foundation is based on honesty, reliability, and precision. Partnering with firearms manufacturers to use only the highest quality parts in the market. We will never cut corners and always put our customer's first.

Models

- Game Stalker
- Tac-Lite
- Carbon Hunter
- Bosque

Getting Started

Firearm safety is every gun owner's responsibility. Omega Rifles is an advocate for the safe use, handling, secure storage and proper education that accompany responsible firearms ownership. Omega Rifles encourages everyone to store all guns under lock and key, and to take special precautions to keep guns out of the reach of children.

Do not use a firearm until you fully understand the Firearm Safety section of this manual. If you have any questions about the safe use of an Omega Rifle firearm, contact us at (info@omegarifles.com) or by mail 207 N Main Street, Meridian, TX 76665 or call us at 1-254-435-3039.

Firearm Safety

As a gun owner, you accept a set of demanding responsibilities. How seriously you take these responsibilities can be the difference between life and death. There's no excuse for careless or abusive handling of any firearm. At all times handle your rifle with intense respect for its power and potential danger. This product is classified as a lethal weapon. The failure to read and properly execute the instructions and warnings contained in this manual could result in serious injury or death or damaged property. Remember that firearm ownership and use is a responsibility that no one should take lightly. Most firearm accidents would not occur if the following rules are observed:

1. Consider every firearm loaded. Never point the muzzle at anything you do not intend to shoot. Always do this even though you are certain the gun is unloaded. Be extremely alert and aware of all persons or property within the range of your ammunition.
2. Learn the mechanical and handling characteristics of the firearm you're using. Always assume that your gun can be fired at any time, even with all safety mechanisms engaged. Like any mechanical device, a safety can sometimes fail; it can be jarred or inadvertently manipulated into an unsafe condition. Mechanical safeties merely aid safe gun handling and are no excuse for pointing your guns muzzle in an unsafe direction. Safe gun handling does not stop with your guns mechanical safety devices - it starts there. Always treat all firearms with the respect a loaded, ready to fire gun deserves.
3. Use the correct ammunition of the caliber and type intended for the firearm. Omega Rifles assumes no liability for incidents which occur through the use of nonstandard cartridges which develop pressures in excess of industry standard ammunition. No warranty is expressed for the use of reloaded ammunition in our firearms.
4. Make sure your barrel is always free from any obstruction including mud, dirt, snow, grease, heavy oil or other foreign matter. Always be alert to the signs of ammunition malfunction. If you detect an off sound or light recoil when the cartridges fire, do not load another cartridge into the chamber before checking for obstructions.
5. Always wear eye and ear protection when shooting. Unprotected, repeated exposure to gunfire can cause hearing damage. Wear hearing protection, shooting earplugs or muffs, to guard against such damage. Wear shooting glasses to protect your eyes from flying particles. Also, wear eye protection when disassembling and cleaning all firearms to prevent the possibility of springs, spring tensioned parts, solvents or other agents from contacting your eyes.
6. When not in use, store unloaded guns and ammunition separately under lock and key. Store your firearm and ammunition separately well beyond the reach of children. Take all safeguards to insure that any firearm does not become available to untrained, inexperienced or unwelcome hands.
7. Never climb a fence or tree or jump a ditch with a loaded gun. Never lean or place any loaded firearm on or against a fence, tree, car or other similar object. If this is done the gun may inadvertently fire, causing the gun to fire accidentally.
8. Never pull a gun toward your body by the muzzle. If this is done, and there is an accidental discharge, you will surely be injured or fatally wounded.
9. Keep your fingers away from the trigger, while unloading or loading, until you are ready to shoot.

10. Be sure of your target and beyond before you shoot. Never use hard flat surface or water as your backstop. Especially during low light conditions. Know the range of your ammunition. Never fire at water or hard objects as ricochets may occur.

11. Never loan your gun to anyone unfamiliar with these precautions. Supervise and teach firearms safety to all members of your family - especially to children and non-shooters. Closely supervise newcomers to the shooting sports. Encourage enrollment in hunting/shooting safety courses. The National Rifle Association's Eddie Eagle program is a great starting point.

12. Be defensive and on guard against unsafe gun handling around you and others. Don't be timid when it comes to gun safety. If you observed other shooters violating any of the safety precautions, politely suggest safer handling practices. **WARNING!** Failure to follow any of these safety rules may cause personal injury or death to the shooter or bystander and damage to property.

13. Never drink alcoholic beverages or take any type of drugs before or during shooting. Your vision and judgment could be dangerously impaired, making your gun handling unsafe to you and to others.

Congratulations on the purchase of your Omega Rifle! The following guide is meant to help you learn the safe handling and operation of your rifle.

Rifle Guide



Safety:

The safety mechanism provides protection against accidental or unintentional discharge under normal usage when properly engaged and in good working order. The safety mechanism is not a substitute for following the rules of safe gun handling:

- To engage the safety mechanism, pull the safety mechanism fully to the rear towards the 'S' position.
- Always put the safety mechanism in the 'S' position before handling, loading or unloading the firearm.
- When you are ready to fire the firearm, push the safety mechanism forward towards the 'F' position to disengage the safety mechanism.
- Do not touch the trigger while moving the safety mechanism.
- Your fingers and all other objects should be kept outside of the trigger guard and away from the trigger until you are actually ready to fire by pulling the trigger.
- Never pull the trigger when the safety mechanism is in the 'S' position.
- **WARNING!** The firearm will fire when the trigger is pulled and the safety mechanism is in the 'F' position.
- Even when the safety mechanism is in the 'S' position, careless handling can cause the firearm to fire.

Bolt Handle and Bolt:

The bolt assembly locks the cartridge into the chamber.

- Always point the firearm in a safe direction.
- Put the safety mechanism in the 'S' position.
- Align the lugs on the bolt assembly with the receiver.
- Slide the bolt assembly into the receiver and push all the way in.
- To place the bolt assembly in closed position, push the bolt handle down.

To remove bolt assembly:

- Always point the firearm in a safe direction.
- Put the safety mechanism in the 'S' position.

- Do not touch the trigger while moving the safety mechanism.
- Raise the bolt handle.
- Pull the bolt handle all the way back.
- Push bolt stop release on the upper left side of the action – to the left of the bolt handle.
- Slide the bolt assembly from the firearm.

Trigger:

Your trigger is set at between 1.5 - 4 pounds of pressure. Pulling the trigger fires the firearm. The trigger assembly on your rifle may permit the adjustment of the trigger pull force by the user.

WARNING! Only the trigger pull force is adjustable. For safety's sake.

For Trigger Adjustment information please contact the trigger manufacturer, TriggerTech.

WARNING! NEVER put your finger on the trigger unless you are going to fire the firearm.

Barrel:

The inside of the barrel must be clean and free of obstructions. To check the inside of the barrel:

- Always point the firearm in a safe direction.
- Put the safety mechanism in the 'S' position.
- Raise the bolt handle.
- Pull the bolt all the way back.
- Remove any ammunition from the chamber or magazine.
- Remove the bolt.
- Look through the inside of the barrel from the chamber end to the muzzle.

To remove object from inside the barrel:

- Use correct size cleaning rod.
- Push cleaning rod from the chamber end all the way through the barrel, until the rod comes out of the muzzle.
- If an object cannot be easily pushed out of the barrel with a cleaning rod, return the firearm to the factory or to an authorized gunsmith.
- WARNING! NEVER try to remove an object from the barrel by loading another cartridge and firing. This may cause the barrel to burst or a cartridge case to rupture and cause serious personal injury or death.

To change the barrel utilizing the switch lug system:

- Loosen switch lug bolt.
- Unscrew barrel.
- Screw on second barrel, until completely tight against switch lug. Ensure no gaps are present.
- Use a T25 hex tool and torque wrench to torque the switch lug bolt to 30 in/lbs.

Threaded Barrel:

Omega Rifle's Tac-Lite and Bosque come standard from the factory with a threaded barrel. On the Tac-Lite and Bosque, unless requested by the customer, the muzzle threads are 5/8-24 tpi. It is highly recommended that you protect these threads and the shoulder behind the threads at all times. You should either use a thread protector or a muzzle brake when shooting or transporting the rifle. Damaging the threads or the shoulder behind the threads

will affect the accuracy of the rifle if a muzzle device is attached. Also, when attaching a Muzzle Brake or other muzzle device that requires “timing” of the ports, you must use ground shims to achieve your timing orientation. DO NOT USE a crush washer to do this. This will cause damage to the barrel and also misalignment to the muzzle device. If your muzzle device does not require “timing”, then simply install it completely up to the shoulder behind the threads, without the use of ground shims. When attaching a silencer or suppressor to the threaded barrel, make sure the device threads all the way up to the shoulder behind the threads. The shoulder behind the threads is machined and held to a very tight perpendicularity tolerance to the thread diameter and the bore and parallel to the face of barrel. Any muzzle device must be ‘shouldered’ to ensure proper alignment with the barrel and bore so no loss of accuracy occurs.

Crown:

Always protect the Crown at the muzzle end of the barrel. If you notice any dings, or gauges on the crown of the barrel due to accident or misuse, contact a local gunsmith to correct this issue. A damaged Crown will certainly affect the accuracy of the Rifle.

Loading:

To Load Your Rifle:

Your Omega Rifle will utilize either a detachable magazine or a floor plate magazine system.

The following instructions should be followed with loading your rifle that has a detachable magazine:

- Always point the firearm in a safe direction.
- Put the safety mechanism in the ‘S’ position.
- Raise the bolt handle.
- Pull the bolt handle all the way back
- Push the magazine latch forward and pull the magazine box from the firearm.
- Load the magazine up to, but not exceeding, the magazine capacity, with the correct caliber, one at a time, into the magazine box, pushing the cartridges to the rear of the magazine. Keep the bullets aligned toward the chamber.
- Place the magazine box into the trigger guard opening and push it until the latch snaps into the fully latched position.
- Push the bolt forward and the handle down to lock the cartridge into the chamber. THE CHAMBER AND MAGAZINE ARE NOW FULLY LOADED.
- To prepare to fire, put the safety mechanism in the ‘F’ position. THE FIREARM IS READY TO FIRE.
- WARNING: Always check the cartridge for the correct caliber before loading the firearm.

The following instructions should be followed with loading your rifle that has a floor plate magazine assembly:

- Always point the firearm in a safe direction.
- Put the safety mechanism in the ‘S’ position.
- Raise the bolt handle.
- Pull the bolt handle all the way back
- Load the magazine up to, but not exceeding, the magazine capacity, with the correct caliber, one at a time, into the magazine box, pushing the cartridges to the rear of the magazine. Keep the bullets aligned toward the chamber.
- Push the bolt forward and the handle down to lock the cartridge into the chamber. THE CHAMBER AND MAGAZINE ARE NOW FULLY LOADED.

- To prepare to fire, put the safety mechanism in the 'F' position. THE FIREARM IS READY TO FIRE.
- WARNING: Always check the cartridge for the correct caliber before loading the firearm.

To Unload the Firearm:

- Always point the firearm in a safe direction.
- Put the safety mechanism in the 'S' position.
- Raise the bolt handle.
- Put one hand over the top of the ejection port.
- Slowly pull the bolt handle rearward with your other hand to remove the cartridge from the chamber.
- Depress the magazine catch to release magazine box.
- Remove all cartridges from the magazine box.
- Replace the magazine box. WARNING! Check the chamber and the magazine to make sure there are no cartridges in the firearm.

Warranty

Conditional Lifetime Warranty:

To Original Purchaser of Omega Rifles firearms,

All rifles come with a conditional lifetime warranty (conditions listed below). Warranty covers any defect or malfunction due to poor workmanship or materials.

Warranty applies only to the original purchaser. The original purchaser is to fill out the warranty card located on the inside of each box with every Omega Rifle, or can be submitted via email at info@omegarifles.com or online at www.omegarifles.com at the bottom of our home page. Warranty will not be valid unless warranty card is on file.

Don't alter or modify your gun and have it serviced regularly. Your firearm has been designed to operate according to certain factory specifications. You'll jeopardize your safety and that of others around you by attempting to alter its trigger, mechanical safety or other mechanisms. So never alter or modify your firearm in any way. Like any mechanical device, a firearm is subject to wear. It must be maintained and periodically serviced to assure optimum safety and performance. Only a qualified Gunsmith should service, repair or modify your Omega Rifles firearm – or you can send the rifle back to Omega Rifles for these requirements.

If firearm appears to be defective or malfunctions for any reason, contact Omega Rifles to help determine the problem. Many times the solution can be determined over the phone and shipping in the firearm may not be necessary. If the problem requires the firearm be sent in for warranty repair, Omega Rifles will provide a RMA # (Return Authorization). An RMA # is required for the firearm to be accepted for warranty work.

Once the RMA # has been provided, simply return the unit to Omega Rifles with a short note describing the problem. Owner will be expected to cover the shipping cost to Omega Rifles. Omega Rifles will pay for return shipping, repair work and all replacement parts required.

Omega Rifles reserves the right to inspect and determine if the problem is due to misuse, abuse or neglect, which are not covered by this warranty. Omega Rifles must perform all warranty evaluations and repairs, no consideration or reimbursements will be made for any repairs not performed by Omega Rifles.

Warranty will not cover any of the following conditions:

- Damage incurred from use with an unauthorized attachment or accessory.
- Modification of the unit by persons other than Omega Rifles.
- Unit returned by persons other than the original purchaser.
- Firearms used as rental equipment or for commercial use.
- Improper installation of parts.
- Weather damage.
- Abuse.

Our liability is limited to the price paid for the product. In no event will Omega Rifles be liable for any indirect, special, incidental or consequential damages resulting from performance or failure to perform under this agreement. All ammunition must be of the proper caliber for the firearm and must meet the provisions of C.I.P. or SAAMI in size and gas pressure. Use of improper ammunition voids the warranty and releases the producer from any product liability and or warranty. By acceptance of this product, the purchaser agrees to all terms of warranty.

Thank you,

Omega Rifles

207 N. Main Street Meridian, TX 76665

Warranty Registration Card

