



RAZOR RIMFIRE OWNER'S MANUAL

FIERCE FIREARMS

WELCOME TO THE FIERCE NATION

Thank you for purchasing the Fierce Razor rifle. We stand by our Limited Lifetime Warranty that will guarantee mechanical performance and accuracy for the lifetime of this rifle. Please follow all guidelines and recommendations to avoid any possible warranty cancellation. If you have additional questions not covered in this manual, please contact us at 435-462-0040.

HANDLING THE RIFLE

Prior to handling this rifle, please become familiar with your weapon and all safety instructions presented in this manual.

ALWAYS, when you pick up the rifle, open the bolt to check that it is unloaded. ALWAYS keep the muzzle of the barrel pointed in a safe direction, even when the rifle is unloaded. All firearms, even unloaded ones, should be handled carefully.

Keep in mind that most accidents happen with guns that are believed to be unloaded.

WARNING! DO NOT shoot unless you are absolutely sure of your target and what is beyond it. Remember that a bullet from this rifle can cause serious injury or death.

WARNING! Do not dry fire this rifle. Dry firing a rimfire firearm can damage the firing pin and the barrel's breech face.

IDENTIFICATION

You will find the specific model and serial number of this rifle engraved on the side of the receiver. The specific rifle caliber is engraved on the side of the barrel.

CAUTION! Verify you have ammunition to exactly match the caliber of your rifle. Use only high quality, factory manufactured ammunition.

The bolt for your rifle is packed separately in the carton. The bolt has been carefully fitted by the Fierce Factory to ensure the correct headspace. For safety reasons, do not interchange your bolt with a bolt from another rifle.

MAINTENANCE BEFORE USE

Before using your new rifle, please do the following.

Clean excess oil from the bolt and breech area in the action.

Clean the excess oil from the chamber. Then remove the oil from the bore by pushing a dry patch through the barrel, from the breech end to the muzzle.

Check the recessed bolt face and locking lugs for excess oil, verify that all areas are lightly lubricated.

Check the tightness of the action screws that are attached to the stock (55 in-lb).

To check the fit between the stock and the free-floating barrel, a slip of paper roughly 0.5 mm thick should fit easily between the barrel and the stock.

Insert the bolt into the receiver and cycle it to confirm that the action is working properly.

NOTE: The bolt is a two-piece design; the bolt head can rotate freely when it is not installed in the action. Before inserting the bolt into the action, verify the front and rear halves are aligned. Failure to do this will result in the locking lugs scratching the tang of the receiver.

The bolt is released from the rifle by pulling the bolt backwards and simultaneously pressing the bolt release button on the left side of the receiver.

After completing the checklist above, your rifle is now ready to fire.

SCOPE MOUNTING

The Fierce Razor rifle was manufactured to receive proprietary scope bases for ideal fit and function. Please contact sales at Fierce for additional information.

NOTE! After reading this manual, if you have any questions about the maintenance, operation or use of your rifle give us a call (435) 462-0040.

Before using the firearm, you must thoroughly familiarize yourself with its overall function and operation. Please learn and understand all general gun safety protocols and suggestions. For additional information on gun safety procedures please visit:

www.nssf.org/safety/rules-firearms-safety

CAUTION! Never load the rifle until you are ready to begin shooting. Always unload the rifle as soon as you have finished shooting. Never cross a fence, climb a tree or jump a ditch with a loaded firearm. Always use common sense when handling a loaded firearm.

WARNING! Always verify the barrel is free of all obstructions before chambering a cartridge. Firing with an obstructed barrel may cause serious injury.

RIFLE MECHANICAL SAFETY FEATURE

The safety lever is located to the right of the bolt shroud (right-handed rifles). The safety mechanism provides some degree of protection from accidental or unintentional discharge under normal usage when properly engaged and in good working condition.

DO NOT RELY on the safety mechanism exclusively for safety and accident prevention.

The safety is, in principle, the usual ON/OFF mechanism. When the safety mechanism is "ON" or engaged it is in the rearward position - labeled with "S" for safety). In the forward position (labeled with "F" for fire) the safety is "Off". The rifle is then READY TO FIRE. DO NOT move the safety into the "F" Fire position until you are ready to safely shoot.

CAUTION! The safety mechanism on the rifle is to minimize the potential for firing in the event of the unintentional pulling the trigger. The manual safety mechanism and the gun's other safety features provide only partial protection against firing from other unintentional causes.

The safety is only a mechanical device. IT IS NOT AN ABSOLUTE SUBSTITUTE FOR SAFE FIREARM HANDLING.

SAFETY ADJUSTMENT

DO NOT ATTEMPT TO ADJUST OR REPAIR THE SAFETY MECHANISM IN YOUR RIFLE. Return the trigger / safety mechanism to the Fierce Factory for repairs and adjustments.

STANDARD TRIGGER MECHANISM

This rifle features an adjustable trigger with an adjustment range between 1-½ and 4 lbs. The pull weight is set at 2-¾ lbs from the factory. To adjust the trigger, verify the rifle is unloaded and safe to handle. Use a 2 mm hex key to adjust the small set screw on the bottom of the trigger housing. Turn the screw out (counter-clockwise) to reduce the pull weight, Turn the screw in (clockwise) to increase the pull weight.

WARNING! Do not adjust the trigger outside of the specified weight limits, this can cause the trigger to malfunction and result in an accidental discharge.

After adjusting the trigger, always verify with a trigger pull scale that you are within the adjustment limits. Test the sear engagement by closing the bolt as fast as possible. If the sear does not engage the pull weight is too low and must be increased for safe use.

CAUTION! The sear engagement, safety and other components of the action are precision mechanisms, which were properly adjusted at the factory. They should not be altered, modified or changed. Modifications to the firearm may decrease its safety and increase the risk of serious injury.

AMMUNITION

CAUTION! Verify you have the correct caliber ammunition for this firearm. Use only high quality, factory-loaded ammunition. The use of IMPROPERLY reloaded, hand-loaded, remanufactured or other non-standard ammunition voids all warranties, and may cause severe damage to the firearm and serious injury to the shooter or others. Improperly loaded ammunition can be extremely dangerous. Always use ammunition that complies with Industry Performance Standards established by the Sporting Arms and Ammunition Manufacturers Institute, Inc. (SAAMI) or Commission. Do not use cartridges that are dirty, wet, corroded, dented or damaged. Do not oil cartridges. Any of these things can make the ammunition dangerous and can cause damage to the firearm or injury to the shooter.

LOADING THE MAGAZINE

A RimX 10-round magazine is included with the Razor rifle. Place the safety selector in the “ON” or “SAFE” position. Release the magazine from the receiver by pushing the magazine release lever in front of the trigger loop forward. Verify that the cartridge type printed on the

side of the magazine matches the chambering of your barrel. If swapping between .22 LR and .17 HMR barrels, the corresponding magazine must be used. CAUTION! Failure to use the correct magazine could result in accidentally loading the incorrect cartridge into your rifle and could cause serious injury and damage to your rifle. To load the magazine, it is easiest to place the magazine upright on a flat surface and slide the red follower downward and insert cartridges individually, placing the rim of the cartridge in the cutout of the feed lips and slide the cartridge rearward. Do not attempt to load more than 10 cartridges in the magazine.

CAUTION: KEEP YOUR MAGAZINE CLEAN AND DRY. NEVER FORCE OR POUND THE CARTRIDGE INTO THE MAGAZINE. VERIFY THAT THE FLOOR PLATE IS SECURED IN THE CLOSED POSITION.

ADJUSTING THE MAGAZINE

The RimX magazines have an adjustable catch that allows them to be adjusted to optimize their vertical position in the magazine well. This is useful to ensure proper feeding and extraction. To adjust the magazine, loosen the T10 torx screw below the magazine catch and adjust the catch up or down as necessary. Lightly snug the torx screw and test fit the magazine in the firearm. Once you have achieved the optimal position, firmly snug the torx screw, but do not overtighten. Verify proper feeding and extraction only in a location where it is safe to do so.

LOADING THE CHAMBER

The action is opened by first raising the bolt handle and then pulling the bolt back. As the bolt is pushed forward, the cartridge is stripped from the magazine and fed into the chamber, and by rotating the handle downward the action is closed, and the rifle is now cocked and ready to fire.

REMOVING THE CARTRIDGES FROM THE RIFLE

WARNING: ALWAYS ASSUME ALL FIREARMS ARE LOADED. ANYTIME YOU HANDLE A FIREARM, YOU SHOULD IMMEDIATELY INSPECT IT TO ENSURE THAT IT IS COMPLETELY UNLOADED. ALWAYS EMPTY ALL AMMO FROM YOUR RIFLE AND MAGAZINE WHEN NOT IN USE.

HOW TO UNLOAD AMMO FROM YOUR RIFLE:

Place safety selector in the "ON" or "SAFE" position.

Remove the magazine from the receiver.

Open the bolt completely to extract any chambered cartridge. For added safety visually and physically inspect the chamber and magazine to confirm they are both empty.

Unload the magazine by pulling the follower downward and tilting the magazine forward to allow the cartridges to fall out.

WARNING: IF THE CARTRIDGES IN THE MAGAZINE ARE NOT REMOVED PRIOR TO THIS PROCEDURE, ANY ROUNDS LEFT IN IT WILL BE CHAMBERED, WHICH COULD LEAD TO AN UNINTENTIONAL DISCHARGE. THE RIFLE IS CAPABLE OF FIRING WITH A ROUND CHAMBERED AND THE MAGAZINE REMOVED.

STORAGE

ALWAYS store your firearm absolutely and completely unloaded in a secure, dry place, where it will not be damaged. Store your firearms in a secure location, SPECIFICALLY where children and unauthorized persons cannot gain access to it. Keep cartridges stored separately in a secure location. Your bolt has been polished for smooth cycling. We recommend lightly coating the bolt with gun oil before storage to ensure rust does not appear on your bolt. Be careful not to put too much oil on the lug area of your rifle as this can cause pressure when fired.

BOLT DISASSEMBLY DIRECTIONS

Completely remove the bolt from the firearm.

Turn the bolt shroud clockwise until its locking lugs are disengaged from the bolt body and the bolt shroud springs backward. CAUTION: This will be under spring tension.

Remove the firing pin assembly including the spring and spring guide from the bolt. You may need to gently tap the bolt pointed upward on a hard non-marring surface to remove the firing pin. Take care to not lose the small return spring around the tip of the firing pin.

Normally it is not necessary to disassemble the bolt any further for cleaning purposes.

CLEANING AND LUBRICATING THE BOLT

Rimfire cartridges are particularly dirty and will require more frequent cleaning than centerfire rifles. Keeping your rifle clean will ensure smooth function and accuracy. Clean all bolt components with a clean lint free rag and gun cleaner. Use a cotton swab and gun cleaner to remove powder residue from inside the bolt and around the tight corners of the bolt face. If shooting suppressed, you will need to disassemble and clean the bolt more frequently.

Before reassembly, lubricate all parts of the bolt with a light gun oil. The bolt halves are separated by a washer/spacer, expose a small gap between the spacer and apply a drop of oil on either side of the spacer. Rotate the bolt halves back and forth to work the oil deep into the contacting surfaces. Wipe away excess oil before reassembly.

BOLT REASSEMBLY DIRECTIONS

Slide the small return spring over the tip of the firing pin. The taper of the pin should hold it in place. Drop the firing pin with spring attached into the bolt. You may need to shake the bolt to get the firing pin to fall into the front half of the bolt.

Verify the firing pin and return spring are seated correctly by taking a slender rod (such as a pen or hex key) and inserting it through the rear of the bolt and pressing on the rear face of the firing pin. If assembled correctly, you should feel the return spring forcing the firing pin reward when you let off pressure. Verify that when you push the firing pin in all the way, the tip of the firing pin protrudes out of the bolt face.

Insert the spring and spring guide assembly into the bolt. The shroud must be oriented correctly to insert fully into the bolt.

Push the bolt shroud against the bolt, and simultaneously turn counter-clockwise, until the cocking piece cam stops in the detent before the cocking slope. NOTE: If the bolt shroud is rotated completely counter-clockwise to the point where the cocking piece cam rests in the cocking notch, the bolt shroud will scratch the tang of the receiver if you attempt to reinstall it.

NOTE: The bolt should be cleaned thoroughly if too much oil accumulates inside the bolt. If you intend to use the firearm in cold weather, removal of excess oil in the bolt is particularly important.

AVOID BARREL OBSTRUCTIONS

Always verify the barrel is free of all obstructions before chambering a cartridge. Firing with an obstruction will cause damage to your rifle and cause serious injury. If you observe or suspect an obstruction in the barrel, DO NOT TRY TO REMOVE THE OBSTRUCTION BY FIRING THE RIFLE.

Open the action and remove the Bolt Assembly.

Check the barrel for any obstructions of debris by visually inspecting the bore.

Use a cleaning rod and patch to remove any obstructions.

CLEANING THE BARREL

THE FOLLOWING PROCEDURE SHOULD BE USED WHEN CLEANING THE BARREL:

Remove muzzle break.

Spray cleaning solvent through barrel from breech end.

Alternate between scrubbing the bore with a brass or nylon brush and clean, solvent soaked patches.

Repeat process as necessary until patches come out clean.

Occasionally remove copper fouling from the barrel. There are various solvents and mechanical cleaners for this purpose, and we recommend that the instructions given by their manufacturers be followed.

After thorough cleaning, the barrel should be lightly oiled.

Wipe residue off muzzle threads and reinstall muzzle break

WARNING: Do not excessively scrub the bore of your rifle. Over cleaning can lead to premature wear and degrading accuracy.

NOTE: If you are shooting your rifle suppressed, you may need to clean your barrel more frequently.

BARREL REMOVAL DIRECTIONS

Place safety selector in the “ON” or “SAFE” position.

Verify rifle is unloaded.

Remove the magazine and bolt from the receiver.

Remove the two action screws with a 5/32” hex key.

Remove the barreled action from the stock.

Loosen the two set screws on the underside of the action bellow the barrel shank with 1/8” hex key.

Pull the barrel and recoil lug from the receiver.

BARREL INSTALLATION DIRECTIONS

Slide recoil lug over barrel shank, verify it is oriented correctly.

Insert barrel shank into end of receiver.

Install bolt into receiver and lock closed, verify the extractor claws seat into the cutouts in the barrel shank without interfering. You may need to slightly twist the barrel to get correct alignment.

Tighten set screws to 45 in-lb. (5.2 Nm)

Verify the bolt cycles properly in the receiver

Install barreled action into stock using the action screws. Torque screws to 55 in-lb. (6.2 Nm). Verify the barrel is free floating.

Replace the magazine with the correct magazine that matches the caliber engraved on the barrel.

Once you have the rifle fully reassembled, you may need to re-zero your optic.

Note: Each barrel is paired with a matching recoil lug to achieve proper headspace. If you purchase a Razor with a .22 LR and .17 HMR barrel combo package, keep the recoil lugs with their respective barrels. If you wish to purchase an additional barrel, you will need to send your rifle to Fierce Firearms to properly headspace the new barrel with a matching recoil lug.

WARNING: Do not attempt to disassemble the barrel. Each barrel is under tension and tuned for accuracy. Removing the carbon fiber sleeve from the barrel will affect accuracy and will have to be returned to Fierce Firearms to be re-tuned. Removing the muzzle brake will not affect the barrel tension.

GENERAL WARNINGS

If you notice any changes in the functionality of your rifle, STOP SHOOTING IMMEDIATELY. Take the rifle to an authorized gunsmith or contact Fierce Firearms 435-462-0040

EXAMPLES TO BE AWARE OF:

The functioning of the trigger mechanism has changed.

The rifle does not fire the cartridge (misfires).

The safety catch does not operate.

There is any cartridge malfunction, such as escaping gas, a punctured primer, a bulged or ruptured case.

Odd or distinctly different sound when the rifle is fired.

CAUTION!

In the case of a misfire, point the rifle in a safe direction and wait 30 seconds before opening the bolt. The bolt should be opened with extreme care.

Use only original factory spare parts.

When loosening or tightening screws, ensure that the screwdriver is of appropriate size and shape.

Poor tools will damage the screw-heads and the general appearance of the rifle.

If the rifle is damaged while shooting, contact Fierce Firearms directly.

In these circumstances do not dismantle the rifle. DO NOT EVER SEND A LOADED RIFLE. PLEASE ADVISE EVERYONE HANDLING THE RIFLE THAT IT IS LOADED.

ATTENTION: Damage to rifles occurs almost exclusively when using hand-loaded cartridges that are not properly manufactured.

CAUTION! Verify you have the correct caliber ammunition for this rifle. Use only high quality, factory manufactured ammunition. The use of improperly reloaded, hand-loaded, remanufactured or other non-standard ammunition voids all warranties, and may cause severe damage to the firearm and serious injury to the shooter or others. Improperly loaded ammunition can be extremely dangerous. Always use ammunition that complies with industry performance standards established by the Sporting Arms and Ammunition Manufacturers Institute, Inc. (SAAMI).

Fierce LLC does not accept any liability for any damage or injuries caused by reloaded/hand-loaded or otherwise improper ammunition.

Wear adequate eye and ear protection whenever you shoot, and make sure that persons close to you are similarly protected.

Keep this manual and review it periodically. If you sell or transfer the rifle, make sure the manual goes with it.

At any time, if you have additional questions regarding this Fierce firearm please contact:

Fierce Firearms

435-462-0040

info@fiercearms.com