INSTRUCTION MANUAL FOR



CALIBER .22 Long Rifle

RUGER® SR-22™ RIFLE





For Product Service on This Model Please Call: (603) 865-2442 (See p. 25)

THIS INSTRUCTION MANUAL SHOULD ALWAYS ACCOMPANY THIS FIREARM AND BE TRANSFERRED WITH IT UPON CHANGE OF OWNERSHIP, OR WHEN THE FIREARM IS LOANED OR PRESENTED TO ANOTHER PERSON

State-By-State Warnings

Certain states require by law that their own specified warning notices in larger-than-normal type be conspicuously included by the manufacturer, distributor, or retail dealer with firearms sold in that state. Sturm, Ruger sells its products in compliance with applicable laws and regulations. Because our products may be sold in these states, we include the following:

California:

A WARNING

"Children are attracted to and can operate firearms that can cause severe injuries or death. Prevent child access by always keeping guns locked away and unloaded when not in use. If you keep a loaded firearm where a child obtains and improperly uses it, you may be fined or sent to prison."

A ADVERTENCIA

"A los niños los atraen las armas de fuego y las pueden hacer funcionar. Ellos pueden causarses lesions graves y la muerte. Evite que los niños tengan accesso a las armas de fuego guardándolas siempre con llave y descargadas cuando no las esté utilizando. Si usted tiene un arma de fuego cargada en un lugar en que un niño tiene acceso a ella y la usa indebidamente, le pueden dar una multa o enviarlo a la carcel."

Connecticut:

"UNLAWFUL STORAGE OF A LOADED FIREARM MAY RESULT IN IMPRISONMENT OR FINE."

Florida:

"IT IS UNLAWFUL, AND PUNISHABLE BY IMPRISONMENT AND FINE, FOR ANY ADULT TO STORE OR LEAVE A FIREARM IN ANY PLACE WITHIN THE REACH OR EASY ACCESS OF A MINOR UNDER 18 YEARS OF AGE OR TO KNOWINGLY SELL OR OTHERWISE TRANSFER OWNERSHIP OR POSSESSION OF A FIREARM TO A MINOR OR A PERSON OF UNSOUND MIND."

Maine:

"ENDANGERING THE WELFARE OF A CHILD IS A CRIME. IF YOU LEAVE A FIREARM AND AMMUNITION WITHIN EASY ACCESS OF A CHILD, YOU MAY BE SUBJECT TO FINE, IMPRISONMENT OR BOTH. KEEP FIREARMS AND AMMUNITION SEPARATE. KEEP FIREARMS AND AMMUNITION LOCKED UP. USE TRIGGER LOCKS."

Maryland:

"WARNING: Children can operate firearms which may cause death or serious injury. It is a <u>crime</u> to store or leave a loaded firearm in any location where an individual knew or should have known that an unsupervised minor would gain access to the firearm. Store your firearm responsibly!"

Massachusetts:

"WARNING FROM THE MASSACHUSETTS ATTORNEY GENERAL: This handgun is not equipped with a device that fully blocks use by unauthorized users. More than 200,000 firearms like this one are stolen from their owners every year in the United States. In addition, there are more than a thousand suicides each year by younger children and teenagers who get access to firearms. Hundreds more die from accidental discharge. It is likely that many more children sustain serious wounds, or inflict such wounds accidentally on others. In order to limit the chance of such misuse, it is imperative that you keep this weapon locked in a secure place and take other steps necessary to limit the possibility of theft or accident. Failure to take reasonable preventive steps may result in innocent lives being lost, and in some circumstances may result in your liability for these deaths."

"IT IS UNLAWFUL TO STORE OR KEEP A FIREARM, RIFLE, SHOTGUN OR MACHINE GUN IN ANY PLACE UNLESS THAT WEAPON IS EQUIPPED WITH A TAMPER-RESISTANT SAFETY DEVICE OR IS STORED OR KEPT IN A SECURELY LOCKED CONTAINER."

New Jersey:

"IT IS A CRIMINAL OFFENSE TO LEAVE A LOADED FIREARM WITHIN EASY ACCESS OF A MINOR."

New York City:

"THE USE OF A LOCKING DEVICE OR SAFETY LOCK IS ONLY ONE ASPECT OF RESPONSIBLE FIREARMS STORAGE. FOR INCREASED SAFETY, FIREARMS SHOULD BE STORED UNLOADED AND LOCKED IN A LOCATION THAT IS BOTH SEPARATE FROM THEIR AMMUNITION AND INACCESSIBLE TO CHILDREN AND OTHER UNAUTHORIZED PERSONS."

North Carolina:

"IT IS UNLAWFUL TO STORE OR LEAVE A FIREARM THAT CAN BE DISCHARGED IN A MANNER THAT A REASONABLE PERSON SHOULD KNOW IS ACCESSIBLE TO A MINOR."

Texas:

"IT IS UNLAWFUL TO STORE, TRANSPORT, OR ABANDON AN UNSECURED FIREARM IN A PLACE WHERE CHILDREN ARE LIKELY TO BE AND CAN OBTAIN ACCESS TO THE FIREARM."

Wisconsin:

"IF YOU LEAVE A LOADED FIREARM WITHIN THE REACH OR EASY ACCESS OF A CHILD YOU MAY BE FINED OR IMPRISONED OR BOTH IF THE CHILD IMPROPERLY DISCHARGES, POSSESSES, OR EXHIBITS THE FIREARM."

Please check with your licensed retailer or state police for additional warnings which may be required by local law or regulation. Such regulations change constantly, and local authorities are in the best position to advise you on such legal matters.

LOCKING DEVICE INSTALLATION INSTRUCTIONS



MARNING – USE OF LOCKING DEVICES



Do not store keys in lock.

- Always keep your firearm pointed in a safe direction, including when you are installing or removing your locking device.
- Always verify that your firearm is completely <u>unloaded</u> before installing your locking device.
- Do <u>not</u> install locking devices in the trigger guard; always keep your fingers and locking device outside the trigger guard during device installation and removal.
- Store firearms, ammunition and keys separately and securely, away from children and careless adults; do not store your firearm with the keys in the locking device.
- Do not attempt to work the action of your firearm with the locking device in place; this may damage your firearm.
- While locking devices are an important aid to security measures, they are not a substitute for safe firearm handling and proper storage. Remember that any mechanical device can be bypassed with enough time, knowledge, determination and equipment.

LOCKING DEVICES MUST BE USED SAFELY AND RESPONSIBLY

Use the Correct Lock: While the basic locking device is substantially similar for all Ruger firearms, due to the different shapes of the many Ruger firearms, some firearms utilize different locking devices. The 3 1/2" lock and clamp are for use with the **RUGER® SR-22™ RIFLE**. It is very important to use the correct locking device!

To Install the Factory-Supplied Locking Device:

- 1. Keep the muzzle pointed in a safe direction and your fingers outside the trigger guard at all times!
- 2. Be sure the firearm and its magazine are completely unloaded and contain no cartridges or cartridge cases! Remove the magazine from your firearm.
- 3. Open the action completely. Use the bolt lock to keep the action open during installation of the locking device.

- 4. Apply the clamp as shown in Fig. 1a, below.
- 5. Apply the lock by placing the shackle of the lock into the clamp as shown below in Fig. 1b.
- 6. Close the lock by pressing the shackle into the body of the lock (the part that receives the key) as tightly together as possible. The lock has bumpers and the shackle is coated with a non-marring material that will not harm the metal finish of your firearm; be careful not to dent or scratch wooden stocks.
- 7. Once the lock is securely closed, remove the key and pull firmly on the lock to test the connection and be sure it is locked. Do not leave or store your firearm with the key in the lock! Store your locked unloaded firearm and the key in secure, separate locations, away from ammunition, children, or unauthorized adults.





Correct Installation of Lock
For the RUGER® SR-22™ RIFLE

FIREARMS SAFETY-YOUR RESPONSIBILITY SAFETY MUST BE THE FIRST AND CONSTANT CONSIDERATION OF EVERY PERSON WHO HANDLES FIREARMS AND AMMUNITION.

This Instruction Manual is designed to assist you in learning how to use and care for your **RUGER® SR-22™ RIFLE** properly. Please contact us if you have any questions about it.

Only when you are certain you fully understand the Manual and can properly carry out its instructions should you practice loading, etc. with live ammunition. If you have any doubts about your ability to handle or use a particular type of gun safely, then you should seek supervised instruction. Such personalized instruction is often available from gun dealers, gun clubs or police departments. If none of these sources can help you, write to the National Rifle Association, 11250 Waples Mill Road, Fairfax, VA 22030-7400. They will assist you.

The person possessing a gun has a full-time job. You cannot guess; you cannot forget. You must know how to use your firearm safely. Do not use any firearm without having a complete understanding of its particular characteristics and safe use.

Remember: There is no such thing as a foolproof gun.

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"**RUGER**" is a registered U.S. trademark.

WARNINGS OF GREAT IMPORTANCE ARE FOUND ON THE FOLLOWING PAGES:			
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OTHER CAUTIONS AND WARNINGS APPEAR THROUGHOUT THE MANUAL.			

FIREARMS ARE DANGEROUS WEAPONS –
READ THE INSTRUCTIONS AND WARNINGS IN THIS
MANUAL THOROUGHLY AND CAREFULLY BEFORE USING.



GENERAL INFORMATION AND MECHANICAL CHARACTERISTICS

The **RUGER® SR-22™ RIFLE** is an autoloading, recoil operated rifle.

Retracting the bolt handle cocks the internal hammer and compresses the recoil spring. When the bolt is manually released, it moves forward (driven by the recoil spring), strips a cartridge from the magazine, if a loaded magazine is in place, and chambers the cartridge. The bolt is held against the chambered cartridge by the recoil spring.

When the trigger is pulled, the hammer is released and strikes the firing pin. The firing pin indents the cartridge case rim and ignites the priming compound inside the rim. This ignites the powder in the cartridge case and a great volume of gas is instantly generated, which acts on the interior of the cartridge case in all directions.

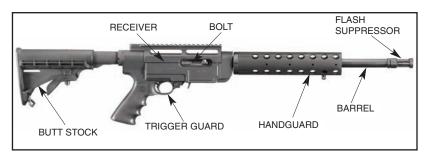
Because the bullet offers the least resistance, it moves out of the cartridge case and exits the muzzle. The bolt then moves rearward automatically, extracting and ejecting the fired cartridge case, and at the same time cocking the hammer and compressing the recoil spring, etc., as described above. Once the trigger is released, the rifle is ready to fire again.

Each time the trigger is pulled and released, the same cycle is repeated until there are no more cartridges in the magazine or in the chamber.

The rifle will fire if there is a cartridge in the chamber and the trigger is pulled, whether or not there is a magazine in place! Removing the magazine does not unload the rifle. Never assume the rifle is unloaded. Visually inspect the chamber and the magazine each time the rifle is handled to be certain there are no cartridges in either.

The **RUGER® SR-22™ RIFLE** has a 6-position telescoping M4-style, collapsible, buttstock. The rifle also features a Hogue® Monogrip® pistol grip, mid-length handguard, and a flash suppressor. It uses a ten-shot rotary magazine, chambered for the .22 Long Rifle cartridge.

NOMENCLATURE



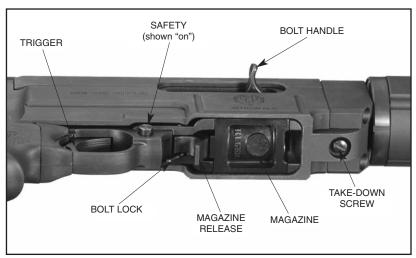


Figure 2. In these illustrations the frequently used operating components are identified. Note that the safety is protruding fully from the right side of the trigger guard and is therefore in its "on" (safe) position.

OPERATION OF SAFETY

The **RUGER® SR-22™ RIFLE** has a cross-button safety which is located in the forward portion of the trigger guard (See Figure 2, p. 9.) The safety can be operated only when the hammer is cocked.

The safety is "on" when it protrudes fully from the right side (the bolt handle side) of the trigger guard assembly, as shown in Figure 2. In this position the sear is blocked, and the gun cannot be fired from a normal pull on the trigger.

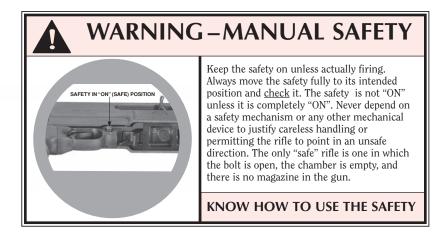
The safety should always be in the "on" (safe) position except when the shooter is actually firing the gun. The safety should be moved to the "on" position whenever the shooter ceases firing, even temporarily.

The safety is "off" (fire) when it protrudes from the left side of the trigger guard assembly, as shown in Figure 3. When the safety is off, the red band shows on the safety button. Do not totally rely on the appearance of the red band to indicate that the safety is off. In poor light or if dirt is present, the red band may not be visible. If the safety is "off" and the trigger is pulled, the rifle will fire.



Figure 3. The underside of the trigger guard section of the rifle. In this illustration the safety is shown in the "off" (fire) position. The position of the safety and red band indicate the safety is "off." It should be in this position only when you are actually firing at a target.

The safety is held in its "on" or "off" position by a plunger that is under spring tension. When the safety is moved to either the "on" or "off" position, a distinct "click" should be heard. Frequently check the position of the safety to be certain the safety has not been inadvertently moved. If the safety seems to move too easily, or if the click is not heard when the safety is moved, stop using the rifle and return it to the Newport Product Service Department for repair (see p. 25).

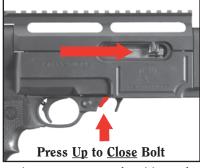


THE BOLT LOCK

The bolt lock is located in the forward section of the trigger guard (see Figure 1, p. 9). The bolt lock is the manually operated means of retaining the bolt in the rearward (open) position. When the bolt is locked open, the rifle is in an inoperative safe condition for inspection of the chamber, cleaning, etc.

To lock the bolt open: Retract the bolt handle to its extreme rearward position and, while holding it there, press in on the <u>lower</u> section of the bolt lock. Release pressure on the bolt handle and it will move forward a fraction of an inch, and then be locked in its open position.





To release the bolt: Retract the bolt handle to its extreme rearward position and then press in on the <u>upper</u> section of the bolt lock. Release the bolt and it will move fully forward.

NOTE: Simply retracting the bolt will not disengage the lock. The bolt lock must be deliberately pressed up while the bolt is held fully to the rear. Only then will the bolt close when released. This is designed to prevent accidental release of the bolt from its open position.

AMMUNITION



WARNING – LEAD EXPOSURE

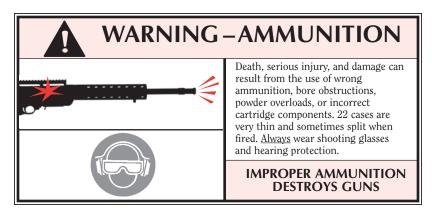


Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead and other substances known to the state of California to cause birth defects, reproductive harm, and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after exposure.

SHOOTING OR CLEANING GUNS MAY EXPOSE YOU TO LEAD

The **RUGER® SR-22™ RIFLE** is chambered for, and designed to properly function with, only the 22 caliber Long Rifle rimfire cartridge, standard, high velocity, or hyper-velocity, manufactured to U.S. industry standards.

Do not use 22 short, 22 long, 22 shot, or 22 cartridges loaded with blunt-nosed, sharp-shouldered, or "explosive" bullets. They will not function reliably and may jam the mechanism or discharge before being fully chambered. Use only ammunition that functions correctly in your rifle. See "Warning – Malfunctions," p. 18.



AMMUNITION (CARTRIDGES) NOTICE

WE SPECIFICALLY DISCLAIM RESPONSIBILITY FOR ANY DAMAGE OR INJURY WHATSOEVER OCCURRING IN CONNECTION WITH, OR AS A RESULT OF, THE USE IN ANY RUGER FIREARMS OF FAULTY, OR NON-STANDARD, OR "REMANUFACTURED" OR HAND-LOADED (RELOADED) AMMUNITION, OR OF CARTRIDGES OTHER THAN THOSE FOR WHICH THE FIREARM WAS ORIGINALLY CHAMBERED.

LOADING THE MAGAZINE

To load the magazine, press the rim of the cartridge against the magazine rotor at the widest section of the magazine throat until the cartridge enters far enough to be pushed to the rear end of the magazine. Each succeeding cartridge is pressed against the body of the top cartridge and slid to the rear of the magazine until a maximum of ten (10) .22 LR cartridges are in the magazine.



TO LOAD AND FIRE (WITH MAGAZINE)

Practice this important aspect of gun handling (with an unloaded rifle) until you can perform each of the steps – described below – with skill and confidence. But before you do anything with the rifle, please first read completely through this manual.

- 1. Keep the muzzle pointed in a safe direction. (See Rule 2, p. 31.)
- 2. Pull the bolt handle rearward. Engage the bolt lock so that the bolt is held open. (See p. 11.) Check the chamber to be certain it is empty. Engage the safety. (See Figure 2, p. 9.)

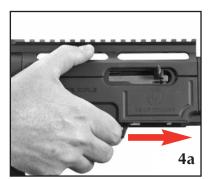
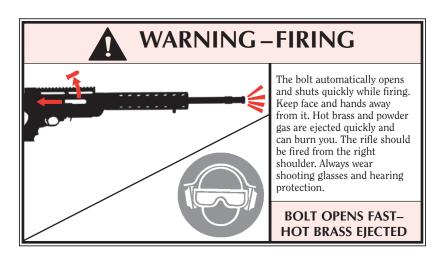


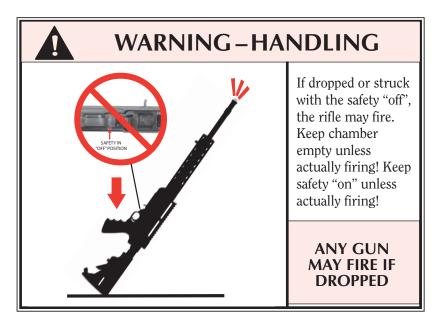


Figure 4. The safety should be "on" when the magazine is being removed or inserted. Move the magazine release forward (Figure 4a) and draw the magazine out by grasping it between your thumb and forefinger and draw it out of the gun (Figure 4b).

3. Remove the magazine by using your index finger to push forward on the magazine release (Figure 4a) and at the same time grasp the magazine between thumb and forefinger of the other hand to draw it out of the magazine well. (See Figure 4b.)

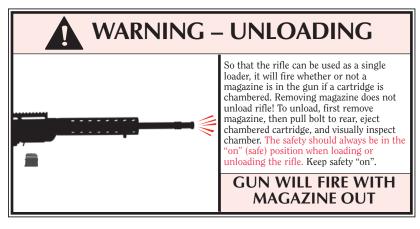
- 4. Load the magazine with the appropriate number of cartridges (see "Loading The Magazine" section, p. 13).
- 5. Insert magazine into the firearm, with bullet end of the cartridges toward the muzzle. (Magazine cannot be seated if reversed.)
- 6. Load a cartridge into the chamber by fully retracting the bolt handle, releasing the bolt lock, and then releasing the bolt handle. Don't touch the trigger. Do not 'ride' the bolt handle as it moves forward. Do not apply force to the bolt handle to chamber a cartridge. If a cartridge does not readily chamber, eject it from the rifle, lock the bolt open, remove the magazine and see "Warning Malfunctions", p. 18.
- 7. The rifle is now fully loaded. If the rifle is not to be fired immediately, the safety should remain "ON". (See Figure 2, p. 9.) When the safety is moved to the "off" position, the rifle will fire each time the trigger is pulled until all the cartridges in the magazine, and the one in the chamber, have been fired. Firing will automatically reload and recock the rifle. Note that every time the trigger is pulled, if a cartridge is in the chamber, the rifle will fire be careful!
- 8. Immediately following the firing of a shot, and if a subsequent shot is not to be fired at once, put the safety "ON" while the rifle is still pointing in a safe direction down range.
 - The safety should be moved to the "on" position as soon as firing is completed, and it should be "on" at all times except when the rifle is on target and being fired.
- 9. The bolt does not remain open after the last shot has been fired, nor does the bolt automatically lock open when the magazine is empty. When firing is completed, manually retract the bolt, lock it open, and visually check the chamber to be sure it is empty. If the bolt is shut, the shooter should always assume that there is a cartridge in the chamber. Don't rely on your memory to know if a gun or magazine is loaded. Visually inspect the magazine and the chamber.





TO LOAD AND FIRE (WITHOUT MAGAZINE)

The rifle can be used as a single shot rifle in the absence of a magazine or for safety or training purposes. To do so, follow step 1, p. 13. Then load a cartridge into the chamber, and follow steps 6 and 7, p. 14, disregarding the magazine. Engage the safety between shots.



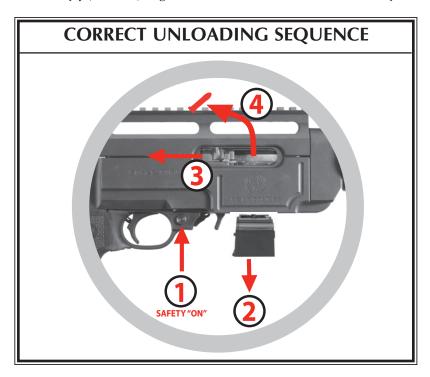
TO UNLOAD

(Rifle Must Be Kept Pointed In A Safe Direction)

UNLOAD THE RIFLE IMMEDIATELY WHEN YOU ARE FINISHED SHOOTING!

NOTE: This sequence must be followed exactly as spelled out. Failure to do so can result in the rifle's chamber becoming unintentionally loaded with a cartridge!

- 1. Keep the muzzle pointed in a safe direction at all times and keep fingers outside the trigger guard. If the rifle is cocked, move the safety to the "on" position.
- 2. Remove the magazine. Remember that even though the magazine has been removed, a cartridge remaining in the chamber can still be fired!
- 3. Retract the bolt to its open position and lock it there. This should eject any cartridge in the chamber, but...
- 4. Always visually double check the chamber to be certain it is empty.
- 5. The only "safe" rifle is one in which the bolt is open and the chamber and magazine are empty.
- 6. Cartridges can be removed from the magazine by simply pushing them lightly downward and forward with the thumb, forefinger, or the rubber eraser end of a pencil against the rim of the top cartridge. Do not use a loaded cartridge as a 'tool' to strip cartridges from the magazine.
- 7. If desired, the bolt can be left in the open position, being held there by the bolt lock. If it is desired to close the bolt, again look to be certain the chamber is empty. Put the safety "on", retract the bolt to its rearmost position, release the bolt lock and let the bolt snap forward. Keep your fingers out of the receiver!
- 8. With the muzzle pointed in a safe direction, push the safety to the "off" position and pull the trigger to decock it. The rifle can be "dry fired" for practice as long as it is empty and pointed in a safe direction.
- 9. Push empty (unloaded) magazine into the rifle until the catch locks it in place.



TO EXTRACT AND EJECT A CHAMBERED CARTRIDGE

When the rifle is fired, the same gas pressure which drives the bullet forward also acts through the cartridge case to push the bolt to the rear. That action causes extraction and ejection of the fired cartridge case. But, when the bolt is operated by hand, there can be a failure to extract the cartridge from the chamber, or a failure to eject the cartridge clear of the rifle. These failures usually are the result of the bolt not being pulled rearward vigorously, coupled with an accumulation of bullet lubricant in the chamber. From the foregoing it is clear that the gun user must:

- Always visually check the chamber after opening the bolt to eject a chambered cartridge. If the bolt is not vigorously retracted when being operated by hand, the extracted cartridge can be 'ejected' into the magazine area, instead of outside the rifle.
- 2. Thoroughly clean the chamber and the extractor as often as necessary to prevent the accumulation of grease and dirt.
- 3. If an empty magazine is in the rifle when the bolt is being hand retracted to extract a cartridge, the cartridge may drop on top of the magazine. Then when the bolt goes forward, the cartridge will be chambered again! Always remove the magazine before clearing the chamber, and visually ensure that no cartridges remain in the gun.

TO CLEAR A MALFUNCTION ("JAM")

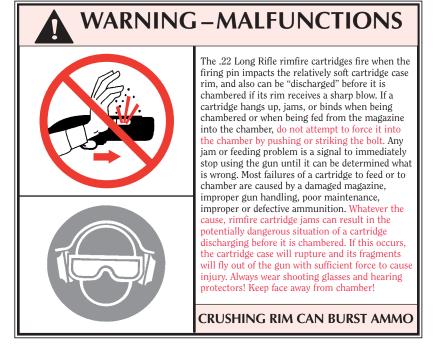
Any autoloading firearm may occasionally malfunction. If it does:

- 1. Be certain the muzzle is pointed in a safe direction and the safety is "on."
- 2. If possible, first remove the magazine. It may be necessary to manually remove a jammed cartridge which has only partially been stripped from the magazine.
 - If so, use extreme care. Lock the bolt open with the bolt stop before attempting to clear the jam. Drawing the bolt fully to the rear may bring the jammed cartridge along. Keep your face away from the ejection port during this operation. When attempting to clear a jam, use only wood 'tools' so that a cartridge will not be ignited if you strike a primer, and so that the chamber and magazine will not be damaged. A 3/16" wood dowel rod with a point on one end is useful.
- Visually check to make sure all cartridges have been removed from the rifle. Safely dispose of any cartridges involved in a malfunction incident. Do not use damaged ammunition in any firearm.

TO MINIMIZE MALFUNCTIONS ("JAMS")

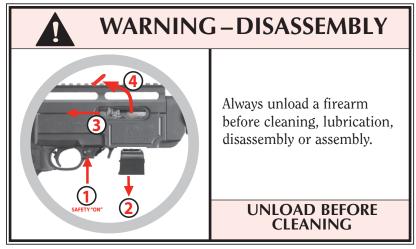
Most malfunctions are caused by improper or damaged magazines, incorrect ammunition, or poor maintenance.

- 1.If it appears that the gun and magazine are not at fault and that the jam was caused by the type of cartridge being used, then try another type.
- 2. If changing to another type or brand of cartridges does not at once eliminate malfunctioning, then the following steps should be taken:
 - a. Make certain the gun and the magazine are unloaded and that the safety is "on." Remember, the magazine should be removed first, then check the chamber and be certain it and the magazine-well are clear of cartridges.
 - b. Thoroughly clean the magazine (See "Magazine Inspection and Care," p. 21) and bolt mechanism, paying particular attention to removing accumulated grease. Use a bristle brush and solvent to remove grease and fouling from the bolt face, the extractor, the chamber, and the feed ramp. (See the "Care and Cleaning" section of this manual for detailed cleaning instructions.)
 - c. Check to see that the magazine rotor spring tension is adequate.
 - d. Check the magazine throat to be certain they are free of nicks and burrs and are not deformed.



e. Remove excess oil and solvent from all cleaned components, load the magazine, and try the firearm again. As always, proceed slowly. Be certain bystanders are not close and that you are wearing eye and hearing protection and that your face is a safe distance from the rifle so that any discharge resulting from a jammed cartridge will not injure anyone. If the above procedures do not result in a smooth and reliably functioning firearm, don't use the gun. The rifle can be returned directly to our Newport, New Hampshire Product Service Department for repair. See the Service and Parts Policy section (p. 25) of this manual for packing and shipping information.

Another precaution: When using any firearm chambered for rimfire cartridges, form the habit of examining fired cartridge cases. If they have bulged heads or frequently show splits on any part of the case, the rifle or pistol should be returned to the factory for inspection.



TO DISASSEMBLE

Make Sure Rifle is Unloaded!

- With the rifle pointing in a safe direction, remove the magazine, open the bolt and visually make certain there is not a cartridge in the chamber. Then allow the bolt to close. The rear sight leaf should be down, and the hammer should be cocked.
- 2. Remove (2) handguard adapter screws (BSR-17) and pull the handguard assembly forward off the barrel.
- 3. Remove the take-down screw (B-65).
- 4. Position the safety so an equal amount of the button is exposed on each side. If the safety is not in the middle when the barrel-receiver assembly is lifted out of the stock, the stock or safety button will be damaged.
- 5. Swing the barrel-receiver assembly upward out of the stock. Be careful the two receiver cross pins (B-5) and bolt stop pin (B-46) do not fall out.

Remove the trigger guard by simply drifting out the two receiver pins. It is recommended that the components of the trigger guard assembly not be disassembled from the trigger guard.

This is the extent of disassembly required for routine inspection, cleaning and lubrication.

If it is desired to thoroughly clean the inside of the receiver by removing the bolt, be aware that although removing and installing the bolt (along with the bolt handle-recoil spring assembly) is simple, it must be done correctly.

7. To remove the bolt:

- a. Position the rifle upside down so the bolt is fully accessible.
- b. Drift out the bolt stop pin, located at the rear of the receiver.
- c. Pull the bolt handle fully to the rear of the receiver with the left hand, and while it is in that position, using the right hand, lift up the front of the bolt until it is disengaged from the bolt handle.
- d. Remove the bolt handle assembly through the ejection port.
- e. Lift bolt out of receiver. If it does not come out readily, turn the rifle over and the bolt will drop out of the receiver.

REASSEMBLY

Again, Be Sure Rifle is Unloaded!

1. Reassembly of bolt into receiver:

- a. To reassemble bolt handle and bolt in the receiver, position the rear end (cone pointed) of the recoil spring guide rod in the mating recess near the rear right side of the receiver. The recoil spring must be flat against the side and "bottom" of the receiver.
- b. Maintain the guide rod in its proper position by keeping pressure on the bolt handle with the left forefinger and thumb. At the same time, use the flat side of the screwdriver blade to compress the recoil spring by drawing it against that area of the bolt handle near to the spring. In accomplishing this spring compression it is necessary to maintain the same pressure on the screwdriver with the right hand as that being maintained (rearward and inward) on the bolt handle with the left hand.
- c. When the spring is fully compressed, maintain it in that position with the left hand and with the right hand lay the recessed section of the top of the bolt on the section of the bolt handle that mates with it. Press down on the bolt until a 'click' is heard. At this point allow the bolt handle (with bolt attached) to move forward slowly.
- d. Cycle the bolt handle a few times to be certain the components are correctly assembled.

2. Reassembly of rifle:

- a. Install the bolt stop pin and then lay the trigger guard in place and install the two receiver pins.
- b. Assemble the barrel-receiver to the stock by following, in reverse order, steps 1 through 5 under the "Disassembly" instructions on page 19.

Guns should not be stored loaded or cocked!

STOCK ADJUSTMENT

The **SR-22™ RIFLE** comes with a 6-position adjustable stock. There are locking holes on the underside of the extension tube and there is a spring loaded pin inside the butt stock. To adjust the stock, squeeze the rear part of the lever on the underside of the stock against the stock and slide the entire stock assembly in toward the lower receiver, or away from the lower receiver. Release the lever and move the stock slightly in or out until the pin snaps into one of the holes on the extension tube. Try the fit, and if necessary, readjust the stock. (See Figure 5, below.)



MAGAZINE INSPECTION AND CARE

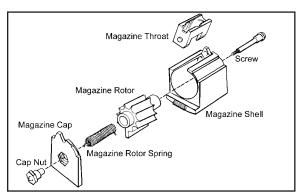
Check the magazine frequently. The rotor must move freely and have adequate tension so that each cartridge is quickly raised to the feeding position. At the time of manufacture, proper rotor tension is set by rotating the magazine cap nut until the <u>rotor</u> stops turning. Then the nut is turned an additional 1 1/4 turns beyond the 'stop' position.

To test the rotor tension, load one cartridge into the magazine and then firmly press against the side of the cartridge case. Remove your finger quickly. The cartridge should instantly and fully move in to the feeding position. If it does not, the magazine should be cleaned. If cleaning does not restore proper rotor tension, do not use the magazine. (NOTE: After testing, remove the test cartridge.)

When cleaning is necessary, use a solvent that will not rust the metal components or adversely affect the plastic magazine box. After the magazine has been soaked in solvent to loosen foreign matter, be certain to shake it vigorously (with the loading opening away from you) to remove solvent or residue from within the magazine.

After cleaning, always check to be certain that rotor movement and tension are correct, and that no solvent or debris remain. Do not disassemble the magazine. Improper reassembly or improper tensioning of the rotor spring can cause a potentially dangerous malfunction. If you experience a problem with the magazine, don't use it. Get a new one.

DAMAGED, NON-STANDARD, OR IMPROPERLY ASSEMBLED MAGAZINES SHOULD NOT BE USED. THEY CAN CAUSE THE RIFLE TO MALFUNCTION.



Exploded view of the SR-22 magazine components. This illustration is included to show the relationship and names of the magazine components. As noted in the text above, the magazine should not be disassembled.

CARE AND CLEANING Make Sure Gun is Unloaded!

Before cleaning, be certain the rifle and its magazine contain no cartridges.

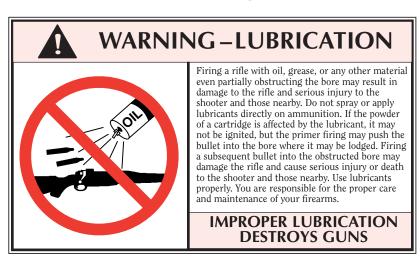
Cleanliness is most important to the function of this blow-back operated autoloading firearm. Any failures to feed or extract rounds may be indications of a dirty chamber. Use commercially available bore cleaning solution and a brass brush, followed by drying with a cloth patch, to remove any powder residue. An excess of dirt, powder residue, or oil in the chamber will cause malfunctions and may result in potentially dangerous cartridge case ruptures and release of hot gasses and case fragments when firing.

At regular intervals, or whenever the rifle has been exposed to sand, dust, extreme humidity, condensation, immersion in water, or other adverse conditions, disassemble, clean and oil it. Proper periodic maintenance is essential to the reliable functioning of any firearm.

To clean the rifle, proceed as follows:

- 1. Disassemble (field-strip) the rifle to the extent described on page 19.
- 2. Using a cleaning rod, run a solvent-wetted patch through the bore several times. Then attach a solvent-wetted bristle brush to the rod and run it back and forth the full length of the bore as many times as necessary to remove grease and dirt from the bore and chamber. Clean bore with dry patches and

- examine. Bore fouling can contribute to reduced accuracy, and grease accumulation in the chamber can interfere with proper feeding of cartridges from the magazine.
- 3. Using powder solvent on a clean patch or bristle brush, remove powder residue from all components of the mechanism. After cleaning, run a dry patch through the bore, then follow with a patch that is very lightly oiled. Wipe all surfaces clean with cloth, then wipe all surfaces with a patch or cloth that has been very lightly oiled.
- 4. NOTE: Only a light application of oil is needed to provide adequate lubrication of moving parts and to prevent rust. Excess accumulations of oil tend to attract particles of dust and dirt and may congeal in cold weather which can interfere with the safe and reliable functioning of the rifle.



STORAGE

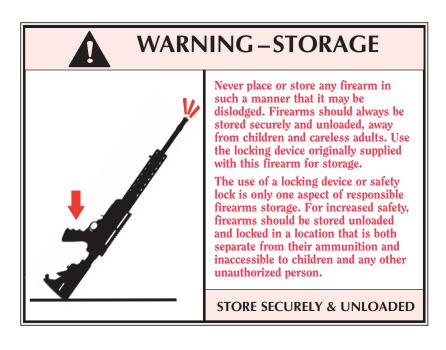
GUNS SHOULD NOT BE STORED LOADED!

USE THE LOCKING DEVICE SUPPLIED WITH THE RIFLE TO RENDER IT INOPERATIVE FOR SAFE STORAGE.

(SEE PAGE 5)

Sturm, Ruger also offers gun safes for sale as a means to secure more than one firearm. Please call the Heritage Safe Company at 1-800-515-7233 for details and ordering information.

Do not store the rifle in a leather case or scabbard. Leather attracts moisture, even though it may appear to be dry.



SERVICE AND PARTS POLICY

If you have any question regarding the performance of your **RUGER® SR-22™ RIFLE** please write or call (603-865-2442) our Product Service Department in Newport, New Hampshire 03773, fully describing all circumstances and conditions involved. If you should return your rifle to the factory for repair, or order parts for it, please comply with the following suggestions for prompt service:



WARNING: BEFORE SHIPPING ANY FIREARM, BE ABSOLUTELY CERTAIN THAT IT AND ITS MAGAZINE ARE UNLOADED. DO NOT SHIP CARTRIDGES WITH A FIREARM.

SHIPPING FIREARMS FOR REPAIR

RUGER® SR-22™ RIFLES returned to the factory for repair should be sent to: Sturm, Ruger & Company, Inc., Product Service Department, 411 Sunapee St., Newport, New Hampshire 03773. Telephone (603) 865-2442.

Guns should be sent prepaid. We will not accept collect shipments.

The Federal Gun Control Act, as well as the laws of most States and localities, do not prohibit an individual (who is not otherwise barred from purchasing or possessing a firearm) from shipping a firearm directly to the manufacturer for repair. However, before you ship your rifle to us, be certain that your State or locality does not have a law or regulation which will prohibit you from receiving the rifle from us after it has been repaired. If such receiving is prohibited, then please have a Federally Licensed firearms dealer ship the gun to us. If your rifle is sent to us by a dealer, it will be returned to that dealer after being repaired. If a handgun (pistol or revolver) is shipped by an individual who does not hold a Federal Firearms License, it must be shipped for overnight delivery via U.P.S., Federal Express or other, similar private overnight service. NOTE: Firearms may not be shipped via U.S. Mail. Handguns mailed in violation of the law are impounded by the Post Office.

Please do not include a rifle case, sling, telescopic sights or custom accessories with a firearm being shipped to the factory for service. DO NOT SEND GUN BOXES OR LITERATURE THAT YOU CONSIDER TO BE COLLECTOR'S ITEMS – THESE ARE INVARIABLY DAMAGED OR DESTROYED IN SHIPMENT. Rifles and shotguns may be shipped via Parcel Post. Always insure your shipment.

Enclose a letter that includes your name, address, telephone number, serial number and model of the firearm. Describe in detail the trouble you have experienced with your firearm, or the work you wish to have done. Merely stating that the firearm "needs repair" is inadequate information.

All work performed is subject to a minimum labor charge and charges for shipping and handling. Most models can be reblued, but custom gunsmithing service or nonstandard alterations are NOT AVAILABLE from Ruger Product Service Departments. Please contact the Product Service Department for pricing information.



ORDERING PARTS

Please contact the New Hampshire Product Service Department for parts availability and current prices. All parts ordered for the **RUGER® SR-22™ RIFLE** should be sent to: Sturm, Ruger & Co., Inc., Product Service

Department, 411 Sunapee Street, Newport, New Hampshire 03773, 603-865-2442. We cannot comply with open account or C.O.D. orders. Payment in full via credit card (Visa or MasterCard only), money order or certified bank check (no personal checks, please) is required before any service will be performed. Please provide your name as it appears on the credit card along with the expiration date of the card. All parts orders are subject to a minimum charge and charges for shipping and handling. Order parts by Part Name and Part Number and include the entire serial number of the firearm for which the parts are being ordered. There is a minimum labor charge plus a shipping and handling charge if the parts are factory fitted. All factory fitted parts are fit on an exchange basis only. We will not return the replaced parts. Please contact the Product Service Department for pricing information.

Because the receiver is a serial numbered component, it is defined as a "firearm" by Federal law and is not sold as a separate component.

*Parts designated by an asterisk must be factory fitted. These parts are fitted on an exchange basis only. We will not return the replaced parts. We will not return any part that is broken, malfunctioning, badly worn or has been modified. See "Warning – Parts Purchasers" above.



CAUTION: A gun containing modified, broken, malfunctioning, or badly worn parts should not be fired.

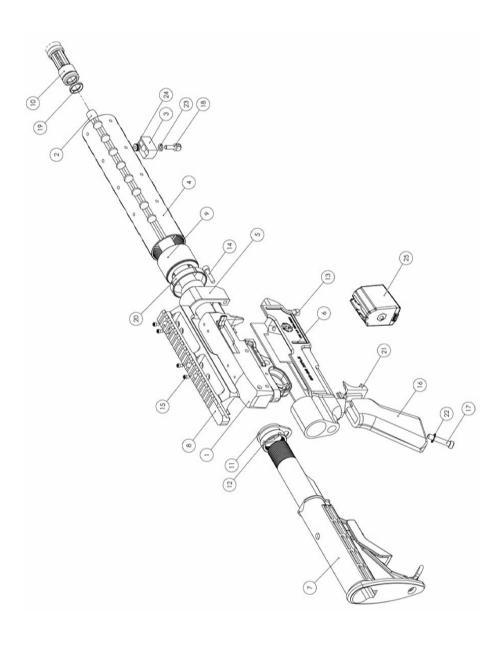
RUGER® SR-22™ RIFLE PARTS LIST

Design, prices and specifications subject to change without notice.

(See Exploded View Page 28)

Key No.	Part Name	Part No.	Model
1	Receiver		SR-22
2	Barrel	0B8015HM	SR-22
	Hand Guard Assembly	BSR16501	SR-22
	Includes Key Nos. 3 - 5, 9, 18, 20, 2	23 & 24 (Sold As Assemb	oly <i>Only</i>)
3	Barrel Support	BSR16700	SR-22
4	Hand Guard	BSR16600	SR-22
5	Forearm Adaptor	BSR16900	SR-22
6	Main Body	BSR00200	SR-22
7	Adjustable Stock Assembly	NS10400	SR-22
8	Scope Mount Base	BSR00101	SR-22
9	Barrel Nut	BSR16901	SR-22
10	Flash Suppressor	MA13403	SR-22
11	End Plate	NS00087	SR-22
12	Castle Nut	NS00088	SR-22
13	Take Down Screw	B-65	SR-22
14	Hand Guard Adaptor Screw	BSR-17	SR-22
15	Scope Mount Screw	BSR-18	SR-22
16	Pistol Grip	NS00071	SR-22
17	Pistol Grip Screw	BSR-21	SR-22
18	Sling Swivel Screw	BSR-20	SR-22
19	Flash Suppressor Washer	NS00077	SR-22
20	Locking Ring	BSR16902	SR-22
21	Trigger Guard Filler	BSR16701	SR-22
22	Crush Washer	NS00082	SR-22
23	Sling Swivel Screw Washer	BSR-23	SR-22
24	#10-32 Insert	BSR-22	SR-22
25	Magazine, 10-shot	BX-1	SR-22

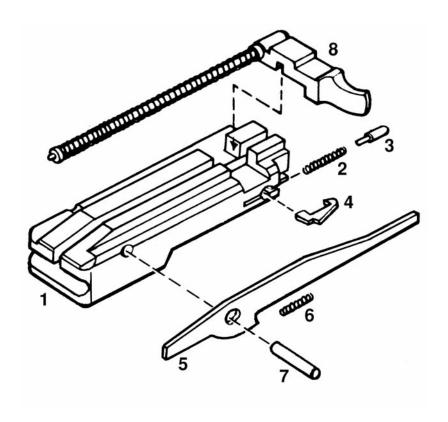
RUGER® SR-22™ RIFLE EXPLODED VIEW



RUGER® SR-22™ RIFLE BOLT ASSEMBLY

Design, prices and specifications subject to change without notice.

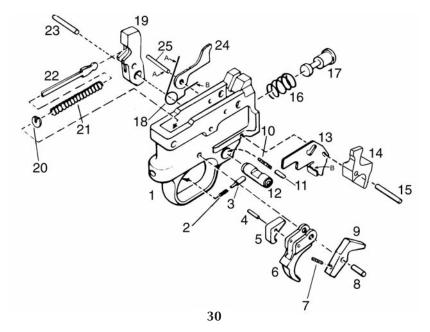
Key No	. Part Name	Part No.	Model
1	Bolt	B-10B	SR-22
2	Extractor Spring	B-15	SR-22
3	Extractor Plunger	B-16	SR-22
4	Extractor	B-14	SR-22
5	Firing Pin	B-11	SR-22
6	Firing Pin Rebound Spring	A20000	SR-22
7	Firing Pin Stop Pin	B-13	SR-22
8	Cocking Handle, Guide Rod, & Recoil Spring Assembly	B00048	SR-22



RUGER® SR-22™ RIFLE TRIGGER GUARD ASSEMBLY

Design, prices and specifications subject to change without notice.

Key No	. Part Name	Part No.	Model
1	Trigger Guard	B00002	SR-22
2	Trigger Plunger Spring	B-40	SR-22
3	Trigger Plunger	B-39	SR-22
4	Trigger Pivot Pin	KE02800	SR-22
5	Disconnector	B00025	SR-22
6	Trigger	B00020	SR-22
7	Disconnector Spring	B-24	SR-22
8	Trigger Pivot Pin	B-21	SR-22
9	Sear	B00023	SR-22
10	Safety Detent Plunger Spring	B-54	SR-22
11	Safety Detent Plunger	B-53	SR-22
12	Safety Button	B-52	SR-22
13	Bolt Lock	B-41	SR-22
14	Magazine Latch	B00034	SR-22
15	Magazine Latch Pivot	B-35	SR-22
16	Magazine Latch Plunger Spring	B-37	SR-22
17	Magazine Latch Plunger	B-36	SR-22
18	Bolt Lock Spring	B-42	SR-22
19	Hammer	B00017	SR-22
20	Hammer Strut Washer	B-45	SR-22
21	Hammer Spring	B-44	SR-22
22	Hammer Strut	B-18	SR-22
23	Hammer Pivot Pin	B-19	SR-22
24	Ejector	B-8	SR-22
25	Ejector Pin	B-35	SR-22



THE BASIC RULES OF SAFE FIREARMS HANDLING

We believe that Americans have a right to purchase and use firearms for lawful purposes. The private ownership of firearms in America is traditional, but that ownership imposes the responsibility on the gun owner to use his firearms in a way which will ensure his own safety and that of others. When firearms are used in a safe and responsible manner, they are a great source of pleasure and satisfaction, and represent a fundamental part of our personal liberty.

Firearms do not cause accidents! Firearms accidents are almost always found to have been the result of carelessness, or ignorance on the part of the shooter of the basic rules of safe gun handling.

The following rules must be observed by gun users at all times. Safe gun handling is not just desirable, it is absolutely essential to your safety, the safety of others, and the continuation of gun ownership and sport shooting as we know it today.

1. LEARN THE MECHANICAL AND HANDLING CHARACTERISTICS OF THE FIREARM YOU ARE USING.





may ricochet.

Not all firearms are the same. The method of carrying and handling firearms varies in accordance with the mechanical provisions for avoiding accidental discharge and the various proper procedures for loading and unloading. No person should handle any firearm without first having thoroughly familiarized himself with the particular type of firearm he is using, and with safe gun handling in general.

2. ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.

Be sure of the bullet stop behind your target, even when dry-firing. Never let the muzzle of a firearm point at any part of your body or at another person. This is particularly important when loading or unloading a firearm. In the event of an accidental discharge, no injury can occur as long as the muzzle is pointing in a safe direction. A safe direction means a direction which will not permit a discharged bullet to strike a person, or to strike an object from which the bullet

A safe direction must take into account the fact that a bullet may penetrate a wall, ceiling, floor, window, etc., and strike a person or damage property. Make it a habit to know exactly where the muzzle of your gun is pointing whenever you handle it, and be sure that you are always in control of the direction in which the muzzle is pointing, even if you fall or stumble. Keep your finger off the trigger until you are ready to shoot.

3. FIREARMS SHOULD BE UNLOADED WHEN NOT IN USE.



Firearms should be loaded only when you are in the field or on the target range or shooting area, ready to shoot. Firearms and ammunition should be securely locked in safes, racks or cabinets, or by using the locking device supplied with the firearm, when not in use. Ammunition should safely be stored separate from firearms. Store your firearms out of sight of visitors and children. It is the gun owner's responsibility to be certain that children and persons unfamiliar

with firearms cannot gain access to firearms, ammunition, or components.

4. BE SURE THE BARREL IS CLEAR OF OBSTRUCTIONS BEFORE SHOOTING.

Even a bit of mud, snow or excess lubricating oil or grease in the bore may cause the barrel to bulge, or even burst on firing, and can cause serious injury to the shooter and bystanders. Be sure that you are using ammunition of the proper caliber and loading for the gun you are using. If the report or recoil on firing seems weak, or doesn't seem quite right, CEASE FIRING IMMEDIATELY, unload your firearm, and check to be sure that no obstruction has become lodged in the barrel. Never



try to shoot out an



5. BE SURE OF YOUR TARGET BEFORE YOU SHOOT.

Don't shoot unless you know exactly where your bullet is going to strike. Be sure of the bullet stop behind your target, even when dry-firing with an unloaded gun. If you are in the field hunting, do not fire at a movement or noise. Take the time to be absolutely certain of your target before you pull the trigger.

6. WEAR SHOOTING GLASSES AND HEARING PROTECTORS WHEN YOU SHOOT.

All shooters should wear protective shooting glasses and adequate hearing protectors when shooting. Exposure to shooting noise can damage hearing, and adequate eye protection when shooting is essential.



7. NEVER CLIMB A TREE OR FENCE WITH A LOADED FIREARM.

Put the firearm down carefully before climbing a fence, and unload it before climbing or descending a tree or jumping over a ditch or other obstruction. Never pull or push a loaded firearm toward yourself or another person. When in doubt, or whenever you are about to do anything awkward, unload your gun!

8. DON'T SHOOT AT A HARD SURFACE, OR AT WATER.

Bullets can glance off many surfaces like rocks or the surface of water and travel in unpredictable directions with considerable velocity.





9. NEVER TRANSPORT A LOADED FIREARM.

Firearms should always be unloaded before being placed in a vehicle. A suitable carrying case or scabbard should be used to carry an unloaded firearm to and from the shooting area.

10. AVOID ALCOHOLIC BEVERAGES WHEN SHOOTING.

Don't drink until the day's shooting is over. Handling firearms while under the influence of alcohol in any form, or medications that could affect your judgement or coordination, constitutes a criminal disregard for the safety of others. Also, do not handle or use firearms while taking any drugs or medication which may impair your ability to act safely.



A BRIEF ACCOUNT OF AN EXTRAORDINARY ACHIEVEMENT: RUGER FIREARMS

Sturm, Ruger & Company, Inc., had its beginning in a small machine shop occupying a rented frame building in Southport, Connecticut. In January, 1949, with an initial investment of only \$50,000 and an idea, William B. Ruger and Alexander M. Sturm started production of a .22 caliber autoloading pistol—a design which was so successful that it became the cornerstone upon which one of the most comprehensive lines of sporting firearms ever made in America was established. After Alex Sturm's death in 1951, William B. Ruger continued to direct the Company until his death in 2002. William B. Ruger, Jr. continued to provide guidance, which helped make this Company a sound and successful enterprise, until his retirement in 2006. The Company has continued to prosper, under new management and guidance from our Board, with new products and fresh perspectives.

Ruger, in this relatively short time, has established itself as a leading small arms design organization, developing a unique and broad line of fine quality sporting, military and police firearms to become one of the world's most famous producers of revolvers, pistols, rifles and shotguns. Since 1949 Ruger craftsmen have built many millions of firearms.

During its five decades of growth and progress under the leadership of William B. Ruger, the Company developed a business philosophy and implemented policies which represent a constructive influence in the life of modern America. From the beginning, Ruger played a positive role in conservation efforts and has supported the interests of shooters through such groups as the National Rifle Association, National Shooting Sports Foundation, and many regional sportsmen's organizations.

The Company has always endeavored to market its firearms for constructive and recreational purposes, to emphasize the traditional and responsible aspects of shooting, to render meaningful public services, and to encourage shooters in constructive, responsible, and safe participation in the shooting sports. Its motto, "Arms Makers For Responsible Citizens," exemplifies this Company philosophy.

Today, Ruger is particularly mindful of those elements which have contributed to the creation of its success, and extends heartfelt thanks to its many loyal employees and customers.

The firearms catalog, and instruction manuals for all Ruger firearms, can be downloaded from our website at:

www.ruger.com

WHY NO WARRANTY CARD HAS BEEN PACKED WITH THIS NEW RUGER FIREARM

The Magnuson-Moss Act (Public Law 93-637) does not require any seller or manufacturer of a consumer product to give a written warranty. It does provide that if a written warranty is given, it must be designated as "limited" or as "full" and sets minimum standards for a "full" warranty. Sturm, Ruger & Company, Inc. has elected not to provide any written warranty, either "limited" or "full", rather than to attempt to comply with the provisions of the Magnuson-Moss Act and the regulations issued thereunder. There are certain implied warranties under state law with respect to sales of consumer goods. As the extent and interpretation of these implied warranties varies from state to state, you should refer to your state statutes. Sturm, Ruger & Company wishes to assure its customers of its continued interest in providing service to owners of Ruger firearms.



STURM, RUGER & Company, Inc. 411 Sunapee Street Newport, New Hampshire 03773 U.S.A. www.ruger.com

Arms Makers For Responsible Citizens®

A COPY OF THE INSTRUCTION MANUAL FOR ANY RUGER FIREARM IS AVAILABLE FROM THE FACTORY FREE ON REQUEST, OR IT MAY BE DOWNLOADED FROM OUR WEBSITE AT WWW.RUGER.COM.
THESE INSTRUCTION MANUALS CONTAIN IMPORTANT WARNINGS WHICH MUST BE UNDERSTOOD BEFORE USING THESE FIREARMS.

"22/45," "22 Charger," "LCP," "LCR," "Model 96," "P90," "P91," "P93," "P94," "P95," "P97," "P345D," "Mark III," "P345PR," "SR-22," "SR-556," and the Hard-R Logo are RUGER TRADEMARKS. "RUGER," THE STURM, RUGER LOGO, "AC-556," "Arms Makers For Responsible Citizens," "10/22," "All-Weather," "Bearcat," "Blackhawk," "Gold Label," "GP100," "Hawkeye," "M77," "Mini Thirty," "Mini-14," "Old Army," "P345," "P85," "Redhawk," "Ruger Titanium," "Ruger 77/17," "Ruger 77/22," "Ruger 77/44," "Ruger 77/50," "Ruger SP101," "Ruger Vaquero," "Security-Six," "Service-Six," "Single-Six," "Speed-Six," "SR9," the "SR" Design, "Super Redhawk Alaskan" and "Target Grey" are REGISTERED U.S. TRADEMARKS. "DEERFIELD" is a registered trademark of Blount, Inc.

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