



**WINCHESTER**<sup>®</sup>  
RIFLES AND SHOTGUNS

Winchester Model 94 Lever Action Rifle Owner's Manual

Important instructions for

## Winchester Model 94 Lever Action Rifle

U.S. Repeating Arms Company, Inc.

275 Winchester Ave.

New Haven, CT, U. S. A. 06511-1970

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Use the space below to record information about your new Model 94 rifle.

Model \_\_\_\_\_

Caliber \_\_\_\_\_

Serial Number \_\_\_\_\_

Purchased From \_\_\_\_\_

Date of Purchase \_\_\_\_\_

We sincerely hope that you are pleased with your new Winchester Model 94 rifle. We at U.S. Repeating Arms Company thank you for the privilege of crafting this rifle for you. We are especially proud of the many years of enjoyment it is certain to provide for you and your family. The Model 94 is another rifle in an over 130 year-old tradition of producing quality firearms for the World's sportsmen. Quality of manufacture, design, craftsmanship and function are of utmost concern to us. We believe you'll find that your new 94 meets the Winchester tradition of quality in every way. If you have any questions or comments regarding your new firearm, please feel free write to us at our administrative offices:

Customer Service Department

U. S. Repeating Arms Company, Inc.

275 Winchester Avenue

Morgan, Utah 84050-9333

Phone: 1-800-945-5237

Print Code: 9802/94537

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## **MODEL 94 LEVER ACTION**

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This manual covers all current versions of the lever action Model 94 rifle that feature the following:

- Advanced rebounding hammer, hammer block and cross bolt hammer stop.
- Positive side ejection (for better ejection when using a scope).
- Adjustable rear sight mounted on the barrel (not the tang).

This manual includes instructions for standard caliber models as well as Big Bore models. Models may have large lever loops or standard levers. This manual includes current models with hardwood, laminated, walnut or composite stocks. Instructions are the same for all current calibers.

No gun better represents the Winchester legacy than this rifle. Just like the original Model 94s of the past, you'll appreciate its beautiful craftsmanship, and superb function.

## GUN SAFETY WARNINGS

***IT IS ESSENTIAL THAT THESE OPERATING INSTRUCTIONS BE THOROUGHLY STUDIED BEFORE USING THIS FIREARM TO ASSURE PROPER AND SAFE GUN HANDLING. FAILURE TO FOLLOW THESE INSTRUCTIONS OR FAILURE TO OBEY ANY SAFETY WARNING MAY RESULT IN INJURY TO YOURSELF OR OTHERS, OR CAUSE DAMAGE TO YOUR GUN.***

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 is no excuse for careless or abusive handling of any firearm. At all times handle your rifle and any other firearm with intense respect for its power and potential danger.

***PLEASE READ AND UNDERSTAND ALL OF THE CAUTIONS, PROPER HANDLING PROCEDURES AND INSTRUCTIONS OUTLINED IN THIS BOOKLET BEFORE USING YOUR NEW FIREARM.***

1. Do not carry a loaded gun with a live round in the chamber while walking, running, climbing a tree, crossing

a fence or anywhere you might slip or fall, drop the gun or otherwise bump or jar the gun. A gun that is dropped, bumped, or jarred with a chambered round might accidentally discharge even with the safety on, causing serious injury to you or someone else. When a round is chambered keep the safety on until you are ready to shoot.

2. Do not rely on the safety to prevent accidental discharge. Many safeties merely block the trigger and prevent firing by pulling the trigger. The safety may not prevent an accidental discharge due to dropping, jarring, or bumping a gun.

3. Use only ammunition for which the gun is chambered as indicated on the barrel, to prevent excessive pressure and possible serious personal injury.

4. Incorrectly reloaded ammunition can cause serious personal injury and damage to the firearm due to excessive pressure. Reload only after proper instruction and in strict compliance with instruction and data contained in current reloading manuals.

5. Never point a gun at anything you do not intend to shoot. Always keep it pointed in a safe direction in case of accidental discharge.

6. Always check to ensure that the barrel is free of obstructions before loading and using the gun. If you experience light recoil or off sound, check the barrel for obstruction.

7. Before firing, clean any grease or oil out of barrel with cleaning rod and patch. Grease or heavy accumulation of oil can cause excessive pressure and result in serious personal injury.

8. Keep barrel, chamber and action free of rust. Rust in the barrel and chamber can cause excessive pressures resulting in serious injury. A rusted, pitted or eroded barrel should be replaced.

9. Use hearing protection to prevent ear damage from repeated exposure to gunfire.

10. Always use proper shooting glasses to prevent eye injury from flying particles.

11. Never carry a loaded gun in a motor vehicle or carry one into a dwelling. Always carefully unload the gun before entering a motor vehicle, a dwelling or an area such as a camp. Always point a gun in a safe direction while loading or unloading to prevent serious injury in case of an accidental discharge. Never load in the house or in your vehicle.

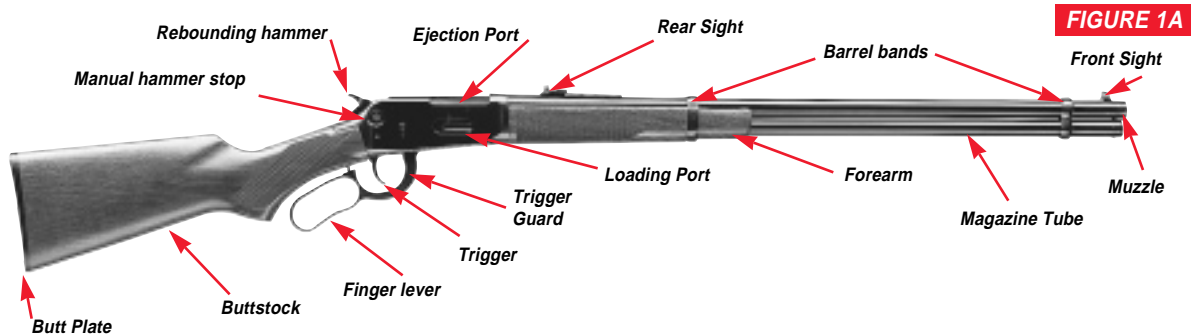
12. Never shoot at a hard, flat surface or at the surface of water to avoid a ricochet and possible serious personal injury to yourself or a bystander.

13. Store guns in a clean dry place out of reach of children and separated from stored ammunition.

14. Never alter any parts of your gun. Any alterations or adjustments that may become necessary to the operating mechanism should be performed by a qualified gunsmith.

15. Hunting from elevated surfaces such as tree stands is dangerous. Doing so may increase the risk of handling any firearm. Always make certain that the stand being used is safe, sturdy and stable. Always make certain your firearm is unloaded when it is being taken up and down from the stand. Always make certain that your firearm is not dropped from the stand or dropped while it is being taken up or down from the stand.

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



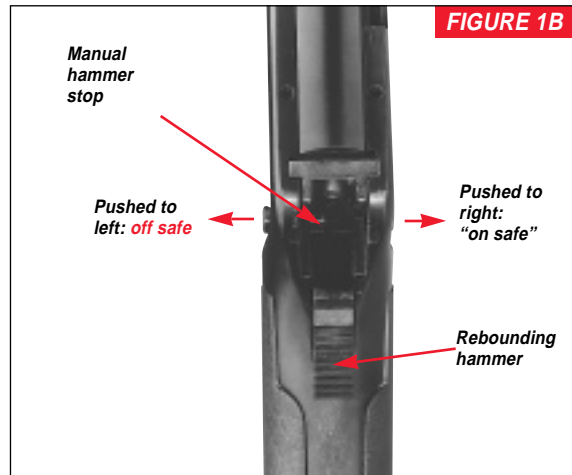
**FIGURE 1A**

### GENERAL DESCRIPTION

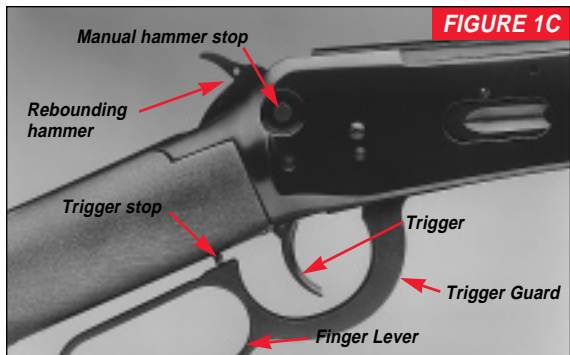
Your new Model 94 rifle is a modern version of the most famous of all lever action rifles. With a few minor exceptions, the action is identical to the way the originals were made in 1894. Yet you'll find that today's manufacturing equipment and technology make it possible to produce a rifle with more precision, closer metal-to-wood fits and tighter overall tolerances than possible in earlier times. We're sure that the greatest Winchester gunmakers of the past would be very proud of today's Model 94.

Your new Model 94 is truly a gun that can stand very close scrutiny. It exhibits the kind of quality you will be proud to display.

Your new Model 94 also features our highly functional



**FIGURE 1B**



**FAMILIAR WITH ALL PART NAMES LISTED BEFORE PROCEEDING WITH THE REST OF THE INSTRUCTIONS IN THIS MANUAL.**

## **TERMINOLOGY AND DESCRIPTIONS**

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Descriptions in this manual generally refer to the gun in the horizontal position. That is, in the normal firing position. For example, the muzzle is forward or front; the buttstock is rearward or rear; the trigger is downward or underneath; the sight is upward or on top. For general parts terminology, refer to Figure 1-A.

The Winchester Model 94 is also shown in some detail, focussing on the hammer and lever mechanisms (See Figure 1-B through 1-C). You must be familiar with these part names in order to follow instructions contained in this book. Figure 1-D covers the general features and benefits of the Model 94 design.

Throughout this manual the “action” refers to the mechanism of this rifle which loads and secures the cartridge in the chamber.

## **SERIAL NUMBER**

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The serial number is located on the bottom of the receiver, at the front, close to where it contacts the rear of the forearm. Record the serial number in this book for future reference.

manual hammer stop built into the receiver, as well as our rebounding hammer system. This rifle also contains an automatic hammer stop which blocks the hammer from striking the firing pin until the trigger is pulled. These advanced features move the traditional Model 94 design to a new level of convenience and safety. All features are explained in detail later in this manual.

Some versions may vary slightly in appearance. For example “Big Bore” versions have a slightly scalloped receiver — but basic operation and function remain the same for all models.

**IMPORTANT: REFER TO FIGURE 1A FOR GENERAL PART DESCRIPTIONS REGARDING YOUR NEW RIFLE. YOU MUST BECOME**

## MODEL 94 FEATURES

*All models are drilled and tapped for a scope mount, and some are supplied with a scope included. With a scope and the right caliber your Model 94 can reach well out to 200 yards and beyond.*

*Some models are supplied with special, see-through scope mounts, allowing the use of both the scope and open sights.*

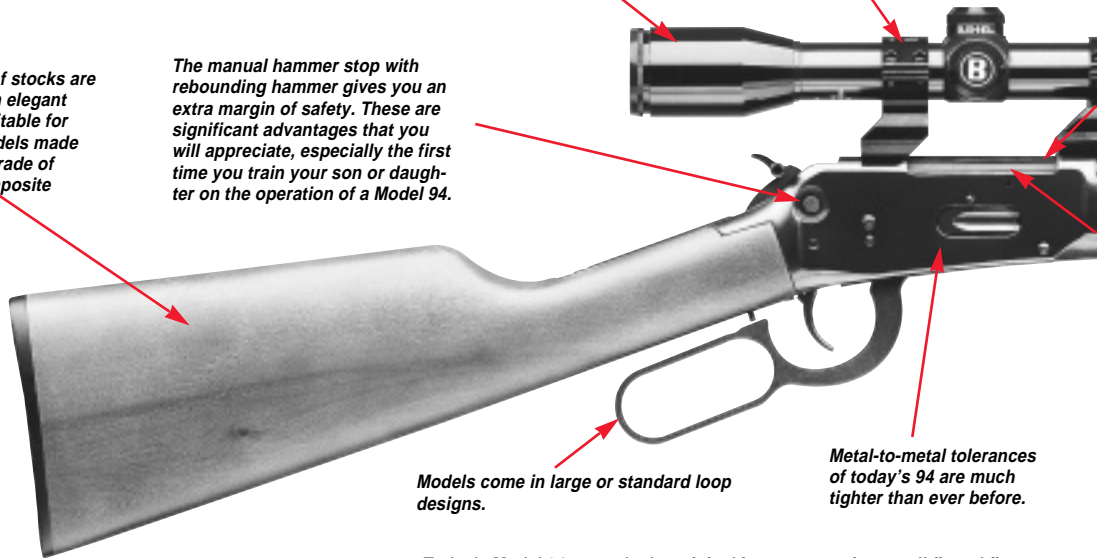
*Several options of stocks are available . . . from elegant walnut stocks suitable for collectors to models made with a practical grade of hardwood or composite construction.*

*The manual hammer stop with rebounding hammer gives you an extra margin of safety. These are significant advantages that you will appreciate, especially the first time you train your son or daughter on the operation of a Model 94.*

*Models come in large or standard loop designs.*

*Metal-to-metal tolerances of today's 94 are much tighter than ever before.*

*Today's Model 94 exceeds the original in many ways, in overall fit and finish, the level of precision and the quality of the materials. But importantly, because the original design was introduced in 1894, it qualifies for use in the popular cowboy action shoots across the U.S. and Canada.*





**FIGURE 1D**

*The ultra-strong breech block design has stood the test of time and is a main reason for the Model 94's accuracy.*

*The handling characteristics of the 94 (especially models with shorter barrels) make it ideal for hunting in heavy brush and make it especially effective hunting from tree stands. (Be sure to always follow all regulations and safety rules when hunting from any tree stand.)*

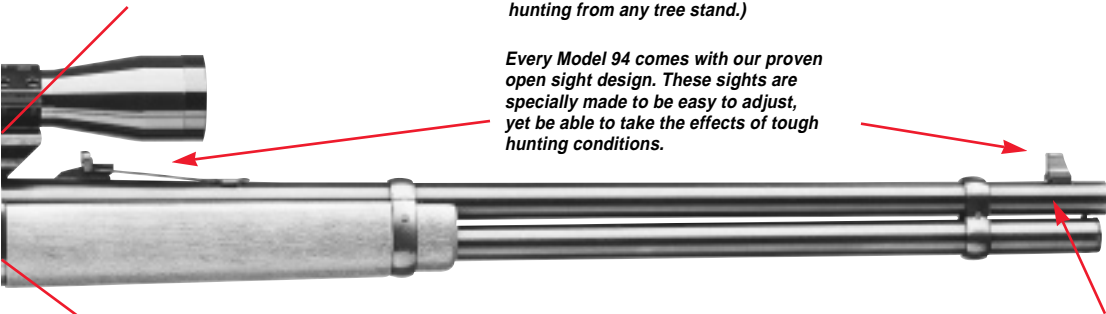
*Every Model 94 comes with our proven open sight design. These sights are specially made to be easy to adjust, yet be able to take the effects of tough hunting conditions.*

*The side ejection receiver configuration found on all new Model 94s ejects cartridges out to the right, under your top-mounted scope. This is a major difference between the original Model 94s and is a significant improvement hunters wanted for many years.*

*Over 100 years ago the ultra strong, ultra durable Model 94 action was the first repeater to take advantage of the new 30-30 Winchester cartridge with its powerful new smokeless powder loads. It is just as effective today, and remains one of the most popular deer hunting rifles in the world.*

*The cold forged chrome molybdenum steel barrel is of the same material and rifling technology employed on our famous-for-accuracy Model 70.*

*No rifle has more classic styling than the Model 94. Yet its success today is only partly due to its proven "cowboy" heritage. The 94 has a level of responsiveness, fast handling, follow-up shot speed and total reliability that makes it one of today's premier hunting rifles.*



## AMMUNITION

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Your Winchester Model 94 is designed to shoot modern factory cartridges only. The caliber of your new Model 94 is inscribed on the barrel near the receiver. Use only ammunition for which your Model 94 is chambered — as indicated on the barrel — to prevent excessive pressure and possible serious injury.

Winchester ammunition is always an excellent choice for your new Winchester rifle, delivering the unmatched performance and dependability you want.

**MAKE SURE YOU USE ONLY THE EXACT AMMUNITION/CALIBER AS LISTED ON THE LEFT SIDE OF THE BARREL.**

**IMPORTANT: USE ONLY AMMUNITION SUITABLE FOR USE IN A CENTERFIRE RIFLE WITH A TUBULAR MAGAZINE.** Use only flat point, hollow point, round nose flat point or similar bullets. Never use pointed or conical point bullets in a centerfire rifle with a tubular magazine. Failure to follow these instructions may result in injury to yourself or others, or cause damage to your gun.

**U.S. REPEATING ARMS COMPANY, INC., CAN ASSUME NO RESPONSIBILITY FOR INCIDENTS WHICH OCCUR THROUGH THE USE OF**

**CARTRIDGES OF NONSTANDARD DIMENSION OR THOSE THAT WHEN SHOT, DEVELOP PRESSURES IN EXCESS OF INDUSTRY STANDARDS ESTABLISHED BY THE SPORTING ARMS AND AMMUNITION MANUFACTURERS' INSTITUTE (SAAMI).**

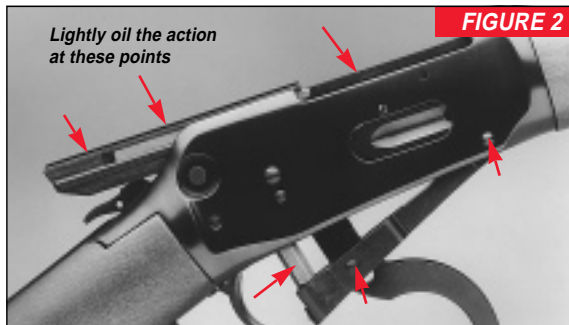
**DISCHARGING FIREARMS IN POORLY VENTILATED AREAS, CLEANING FIREARMS, OR HANDLING AMMUNITION MAY RESULT IN EXPOSURE TO LEAD AND OTHER SUBSTANCES KNOWN TO CAUSE BIRTH DEFECTS, REPRODUCTIVE HARM AND OTHER SERIOUS PHYSICAL INJURY. HAVE ADEQUATE VENTILATION AT ALL TIMES. WASH HANDS THOROUGHLY AFTER EXPOSURE.**

Incorrectly reloaded ammunition can cause serious personal injury and damage to the firearm due to excessive pressure. Reload only after proper instruction and in strict compliance with instructions and data contained in current reloading manuals.

## INITIAL CLEANING

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Some metal parts of your new Model 94 have been coated at the factory with a rust preventative compound. Before using your Model 94, clean the anti-rust compound from



the inside of the barrel, receiver, cartridge feed mechanism and the action/chamber areas. A high quality, light gun oil should be used to remove this compound and to give your new gun its first lubrication. Clean the barrel using a cleaning rod and patch as explained under “Cleaning and Maintenance Suggestions” found later in this manual. First lubrication suggestions are outlined below.

If your new Model 94 is for collector’s purposes only, it is permissible to leave the rust preventative compound in place and keep your Model 94 in its box for maximum protection during long term storage.

## OILING THE ACTION

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Before the first firing of your Model 94 you should first wipe the mechanism completely clean, clean the bore and apply a few drops of quality oil on the following surfaces (See Figure 2):

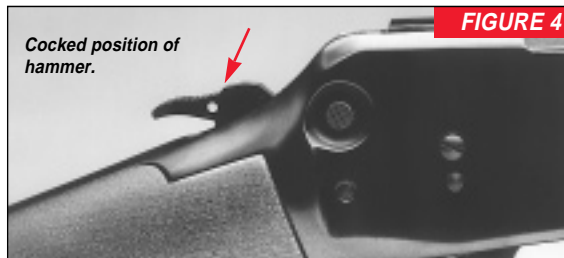
- Along the breech bolt surface.
- On each side of the vertical locking lug on the top and bottom.
- Along the breech bolt rail surfaces.

Avoid applying too much oil. Only a light film is necessary. Cleaning and Maintenance Suggestions should be followed before each oiling.

## OPERATION OF THE HAMMER

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The Model 94’s Rebounding Hammer is a safety feature designed to protect the firing pin from being struck by the hammer when the trigger is not being pulled. After firing your rifle the hammer immediately moves to the rebound position. From this position, under normal conditions, the hammer is prevented from moving forward and striking the firing pin. The rebound position and the manual hammer stop are intended to work together to provide protection against unintentional or accidental firing.



#### HAMMER POSITIONS —

The rebounding hammer on your Model 94 has two positions as follows:

1. Rebound or “safety” position. This position (See Figure 3) takes the place of the dropped and half-cocked positions found on earlier models. The rebounding feature of the hammer essentially eliminates the dropped position. The hammer only travels to the dropped position momentarily after the trigger has been pulled with

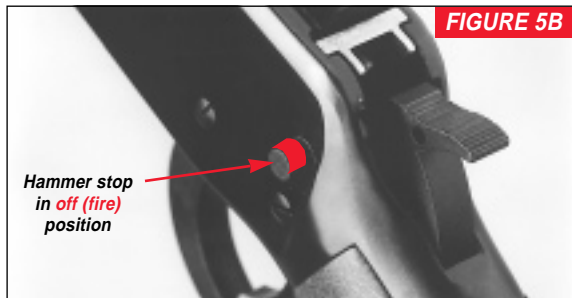


the hammer cocked. The hammer then automatically moves to the rebound position.

**THE REBOUND POSITION IS CONSIDERED THE "SAFETY" POSITION. IT IS THE RECOMMENDED POSITION OF THE HAMMER AT ALL TIMES AND SHOULD BE IN THAT POSITION EXCEPT (1) WHEN FIRING IS IMMINENT (2) OR IMMEDIATELY AFTER THE ACTION HAS BEEN CYCLED.**

2. Cocked position. This is the position that the hammer is moved to when firing is imminent (See Figure 4). It is also the position the hammer moves to when the action is cycled using the finger lever.

**WHEN THE HAMMER IS IN THE COCKED POSITION THE HAMMER STOP SHOULD BE IN THE "ON" POSITION UNLESS FIRING IS IMMINENT.**



#### MANUAL HAMMER STOP —

The manual hammer stop is a modern feature built into the action of your Model 94 to provide an additional level of safety when it is in the "on" position.

**"On" Position.** When the hammer stop is pushed all the way to the right it is in the on position (See Figure 5-A). In this position it blocks the hammer from striking the firing pin.

***THIS IS THE RECOMMENDED POSITION OF THE HAMMER FOR ALL TIMES EXCEPT WHEN FIRING IS IMMINENT.***

**"Off" Position.** When the hammer stop is pushed all the way to the left it is in the "off" position (See Figure 5-B). This is the position of the hammer stop when firing is imminent.

To place the hammer stop in the "on" position:

1. First, ***POINT YOUR RIFLE IN A SAFE DIRECTION, THEN PLACE THE MANUAL HAMMER STOP IN THE "ON" POSITION*** by pushing it from left to right with your thumb or finger (the thumb works well for right handed shooters) until the red "warning" ring disappears (Refer again to Figure 5-A).

2. When the red ring is visible on the left side of the manual hammer stop, it is in the "off" position (Refer again to Figure 5-B). It is placed in the "off" position by pushing the stop with your finger fully to the left until the red ring is showing. The manual hammer stop can be actuated with the hammer in the rebound or cocked position.

#### LOWERING THE HAMMER

At any time the hammer can be cocked either manually or by cycling the finger lever fully. Unless shooting is imminent it is important to move the hammer immediately to the rebound position from the cocked position. To do this:

1. Make sure the barrel is pointed in a safe direction and that the hammer stop is in the "on" position.

2. Get a stable grip on your rifle with your hand in shooting position. With slight upward pressure from your fingers push the finger lever upward against the stock (this releases the trigger stop as explained later). Place your thumb on the hammer and firmly hold the hammer back slightly with your thumb (See Figure 6-A).



3. While holding the hammer back apply just enough pressure on the trigger and finger lever to release the hammer from the full-cock position. Immediately remove your finger from the trigger and slowly and carefully allow the hammer to lower into the rebound position (See Figure 6-B).

## TRIGGER STOP

It is important that the breech be fully closed before your rifle is fired. To help assure that this is always the case, your Model 94 has a trigger stop mechanism. To fire your rifle it is necessary for the finger lever to depress the trigger stop (See Figure 7). The trigger stop is not a safety. It is simply an interlock to assure that the breech is fully closed before a cartridge can be discharged. Never rely on the trigger stop to prevent accidental discharge.

When wearing gloves, a portion of the glove may get between the lever and the lower tang preventing the lever from depressing the trigger stop — making it necessary to squeeze upward on the finger lever.

**REMEMBER, NEVER RELY TOTALLY ON YOUR FIREARM'S MECHANICAL "SAFETY" DEVICES.**

As is true with other firearms, when the safety mechanism



on this rifle is engaged, it is designed to prevent accidental discharge. However, this mechanism will not necessarily prevent the accidental discharge of this firearm as a result of jarring or abuse such as occurs when a firearm is dropped.

***ALWAYS ASSUME THAT YOUR GUN CAN BE FIRED AT ANY TIME, EVEN WITH ALL SAFETY MECHANISMS ENGAGED.***

Whenever you are not actually firing your rifle always be certain that your gun is pointed in a safe direction. Continually be aware of the position of the manual hammer stop on your rifle. Check it both manually and visually to avoid any chance of accidental discharge. Always keep the manual hammer stop in the “on” position unless you are actually firing the rifle. It is a good idea to keep the action open (with the finger lever down) at all times other than when you are in the field and shooting is imminent.

***IMPORTANT: IT IS ALWAYS RECOMMENDED THAT THE ACTION BE KEPT OPEN AT ALL TIMES WHEN YOUR RIFLE IS LAYING ON ANY BENCH OR TABLE AT A SHOOTING RANGE OR OTHER FACILITY.***

***ALWAYS KEEP THE MUZZLE OF YOUR RIFLE POINTED IN A SAFE DIRECTION. FAILURE TO***

***FOLLOW THE ABOVE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH TO YOURSELF OR OTHERS.***

### ***ASSEMBLY / DISASSEMBLY***

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Your Model 94 comes fully assembled in the box except for the installation of the scope and mounts included with some Ranger models. No assembly to the rifle itself is required. No disassembly is required for normal maintenance.

If your Model 94 requires disassembly for any reason (such as requiring extra cleaning after being dropped in water) it should be performed by a competent gunsmith, by one of our Authorized Repair Centers, or by our service facility.

### ***INSTALLING A SCOPE***

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This installation procedure applies to Model 94s that have been drilled and tapped at the factory. General instructions for the scope mounts provided with some Model 94s are outlined below. ***Be sure to also follow the instructions provided with your mounts.***

1. Remove the plug screws and de-grease the holes in the top of the receiver.
2. Each mount comes in two pieces. Remove the mount caps (top parts) and fasten the mounts (bottom parts) to

the top of the receiver. (You may want to apply a removable locking compound to each screw to assure they stay secure under the effects of recoil). The mount with two holes parallel to the receiver is mounted on the front of the receiver. The mount with holes side by side (perpendicular to the receiver) mounts at the back.

**IMPORTANT:** The “see-through” mounts provided with some Model 94s are slanted front to back. They should be installed with the slant toward the front.

3. Once the mounts are in place, lay the scope inside the stirrups, replace the caps and lightly tighten the cap screws.

4. Before fully tightening the cap screws adjust the scope forward or backward to achieve the proper eye relief (eye relief is the distance your eye must be from the rear lens of the scope to bring the entire field of view into focus).

**Proper eye relief is extremely important with heavier calibers. To prevent injury resulting from the rim of a scope hitting your forehead, follow all instructions concerning eye relief provided with your scope.**

5. When the proper eye relief is found, tighten the cap screws in a rotating, crossing pattern. (Do not over tighten so as to strip the screws or damage the scope tube).

6. Bore sight your rifle by placing a target 50 feet away and aligning the open sights to the target. Now adjust the cross hairs of the scope (as explained in your scope’s

instructions) to center on the bull’s-eye. The rifle must be held extremely steady during this operation. If you have “see-through” scope mounts it helps to first fire a group at 50 feet and then adjust the open sights to put your group on the bull’s-eye.

With the cross hairs adjusted as explained above, test fire a few shots using the scope to confirm that you are shooting on the paper.

**7. Now carefully follow the instructions on sighting in provided with your scope.**

**Important:** If you are using a scope, you may consider using a hammer extension. Refer to the instructions on mounting a hammer extension later in this manual.

## **GENERAL OPERATION**

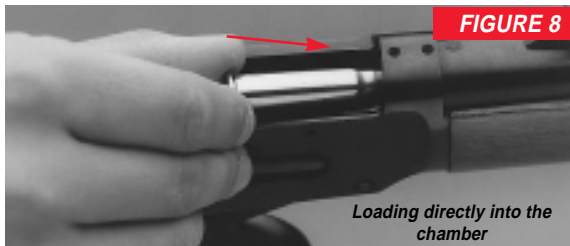
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### **ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.**

Prior to using live ammunition, it is essential that you familiarize yourself thoroughly with these operating instructions. Get accustomed to the feel of your new gun.

- Know the forces required to operate the action
- Know what forces are required to pull the trigger
- **ABOVE ALL, KNOW HOW TO PLACE THE HAMMER INTO THE SAFETY (REBOUND)**





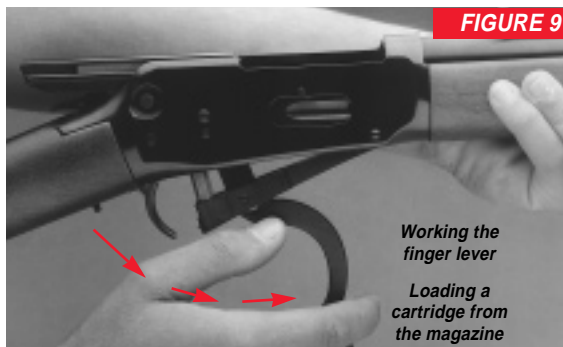
**POSITION AND THE MANUAL HAMMER STOP INTO THE “ON” POSITION.**

Throughout this manual the “action” refers to the mechanism of a firearm which loads and secures the cartridge in the chamber. If the action resists closing, do not force it. Small pieces of grit or other obstructions can make it difficult to close the action. Make sure all surfaces are clean if any unusual resistance is felt. However, remember that this is a finely fitted action purposely made with tight fitting tolerances. This assures your gun of good part-to-part fit for many years to come and is the sign of a finely crafted firearm.

**LOADING PROCEDURES**

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**USE THE CORRECT AMMUNITION AS INDICATED BY THE INSCRIPTION ON THE BARREL. AS EXPLAINED PREVIOUSLY, BEFORE**



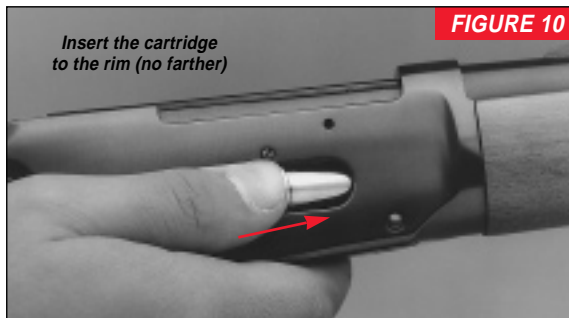
**LOADING YOUR RIFLE MAKE SURE ALL GREASE AND OIL HAS BEEN REMOVED FROM THE BARREL AND CHAMBER, AND THERE ARE NO OBSTRUCTIONS IN THE BARREL OR ACTION AREAS.**

**LOADING THE CHAMBER —**

The chamber may be loaded two ways:

- (1) Load the chamber by placing a cartridge directly into the chamber through the opened action (See Figure 8), or
- (2) load the chamber by transferring a cartridge that was previously loaded into the magazine (See Figure 9) to the chamber by operating the finger lever.

**IN EITHER CASE, ALWAYS FIRST PLACE THE**

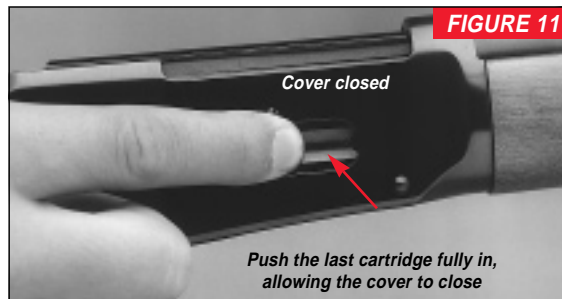


**MANUAL HAMMER STOP IN THE "ON" POSITION, AND THEN PLACE THE HAMMER INTO THE SAFETY (REBOUND), POSITION UPON CLOSING THE ACTION.**

#### LOADING THE MAGAZINE —

The magazine is loaded through the port on the right side of the receiver.

1. With the action closed and the manual hammer stop in the "on" position and the hammer in the safety (rebound) position, press the spring cover inward with the tip of the first cartridge until all but the rim has entered the loading port (See Figure 10).
2. Then, insert the next cartridge in the same manner, pushing the preceding cartridge into the magazine.



3. Repeat this procedure with each cartridge, but push the last cartridge past the end of the spring cover, allowing the cover to snap closed (See Figure 11). Do not exceed the recommended capacity of the magazine.

**BEFORE LOADING, ALWAYS MAKE SURE TO ALWAYS PLACE THE MANUAL HAMMER STOP IN THE "ON" POSITION, AND THE HAMMER INTO THE SAFETY (REBOUND), POSITION.**

**CAUTION: ALWAYS MAKE SURE THE CARTRIDGES ARE OF THE PROPER CALIBER FOR YOUR RIFLE. CHECK THE AMMUNITION DESIGNATION ON THE BARREL. FAILURE TO FOLLOW THIS INSTRUCTION CAN RESULT IN SEVERE DAMAGE TO YOUR GUN AND POSSI-**

**BLE SERIOUS INJURY TO YOURSELF OR OTHERS.**

## UNLOADING PROCEDURES

Fully unloading your rifle when storing your rifle or in other appropriate situations is essential to safe gun handling.

**BEFORE UNLOADING, CHECK TO ASSURE THAT THE MANUAL HAMMER STOP IS IN THE "ON" POSITION (SAFE) BY PUSHING IT FROM LEFT TO RIGHT. KEEP YOUR FINGER AWAY FROM THE TRIGGER WHEN CYCLING THE ACTION.**

### **IMPORTANT:**

1. With the gun pointed in a safe direction and your finger off the trigger, swing the finger lever downward fully. This will extract any cartridge from the chamber and eject it. Capture (or pick up) the cartridge and return the finger lever fully upward.
2. Proceed to operate the finger lever in the same manner transferring all the remaining cartridges from the magazine to the chamber and then eject them out. It is possible, with practice, to carefully work the lever and capture the loaded ejected cartridges with your other hand.

**THROUGHOUT THE UNLOADING PROCESS**



**MAKE SURE THAT THE MANUAL HAMMER STOP STAYS IN THE "ON" POSITION AND THAT YOU KEEP YOUR FINGER AWAY FROM THE TRIGGER AT ALL TIMES.**

When cartridges no longer eject when you cycle the action, further assure that no cartridges remain by opening the action and visually checking the chamber and feed/magazine mechanism to be sure no cartridges remain (See Figure 12).

**IMPORTANT: ALWAYS VISUALLY NOTE, BY LOOKING THROUGH THE TOP OF THE OPEN RECEIVER, THAT THE MAGAZINE FOLLOWER IS SHOWING—AND NOT A CARTRIDGE BASE.**

**ALWAYS DOUBLE CHECK THAT NO CARTRIDGES REMAIN.**

After the last live round is moved out of the magazine

and ejected, immediately lower the hammer to the safe (rebound) position as explained previously.

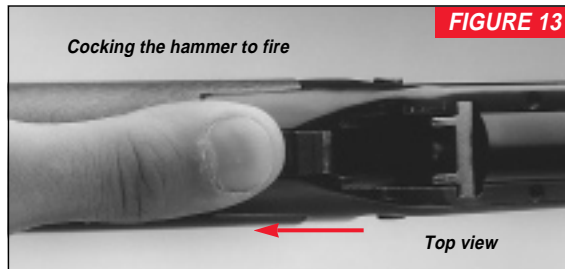
### ***IN THE CASE OF A MISFIRE***

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Only rarely will modern factory ammunition experience a misfire. If this ever happens to you when shooting your Model 94 please follow these instructions carefully.

***CAUTION: IN CASE OF MISFIRE, KEEP THE BARREL POINTED IN A SAFE DIRECTION, PLACE THE MANUAL HAMMER STOP IN THE "ON" POSITION AND CAREFULLY OPEN ACTION WHILE AVOIDING DIRECT EXPOSURE TO THE BREECH BY YOURSELF AND OTHERS.***

Carefully inspect the ejected cartridge. If the primer is indented, the cartridge should be disposed of in a manner that would prevent accidental injury to you or others. If there is no indentation, your gun has malfunctioned and should be serviced by a qualified gunsmith. If the gun is under warranty, it must be serviced by a U.S. Repeating Arms Company, Authorized Repair Center (ARC).



### ***FIRING PROCEDURES***

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***IMPORTANT: WHEN YOU ARE PREPARING TO SHOOT, IT IS ALWAYS ESSENTIAL THAT YOU BE TOTALLY SURE OF YOUR TARGET. ALWAYS BE AWARE OF ALL OBJECTS BEHIND YOUR TARGET. KNOW THE EXACT LOCATION OF PERSONS WITH YOU AND ANY OTHERS IN YOUR VICINITY. PICK YOUR TARGET WISELY AND CAREFULLY.***

With a loaded cartridge in the chamber, the manual hammer stop in the “on” position, the hammer in the safety (rebound) position and your finger off the trigger:

1. Firmly position your thumb on the hammer and draw the hammer back to the full-cock position (See Figure 13).



2. Place the manual hammer stop in the “off” position (See Figure 14) by pushing it from right to left.

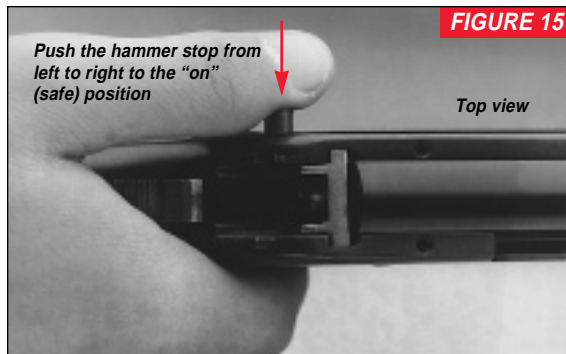
***YOUR RIFLE IS NOW READY TO FIRE.***

3. Firmly shoulder your gun, take aim and when on target pull the trigger smoothly, without jerking. After firing, let the trigger return to the fully forward position.

**SPECIAL NOTE ON TRIGGER PULL:** When pulling the trigger an initial “take-up” section can be felt. This longer, initial pull is an added safety feature of your Model 94. It serves to drop an internal hammer block that is positioned between the hammer and receiver. The hammer block prevents the hammer from striking the firing pin until you pull the trigger to fire the rifle.

***TO CHAMBER ANOTHER ROUND FOR THE NEXT SHOT —***

1. Swing the finger lever fully down extracting and eject-



ing the fired cartridge case from the chamber.

2. Close the action by returning the finger lever upward. The closing of the action will transfer a new cartridge from the magazine to the chamber, leaving the hammer in a cocked “ready to fire” position.

***3. WHEN THROUGH FIRING ALWAYS IMMEDIATELY PLACE THE MANUAL HAMMER STOP IN THE “ON” POSITION (SEE FIGURE 15), AND THE HAMMER IN THE SAFETY (REBOUND) POSITION (REFER BACK TO FIGURE 6).***

To fire additional cartridges from the magazine, simply work the finger lever downward fully and return it to the original upward position and repeat the firing sequence again.

**WHEN FIRING IS COMPLETED OR WHEN SHOOTING IS NO LONGER IMMINENT, IMMEDIATELY RETURN THE MANUAL HAMMER STOP TO THE "ON" (SAFE) POSITION AND RETURN THE HAMMER TO THE REBOUND POSITION.**

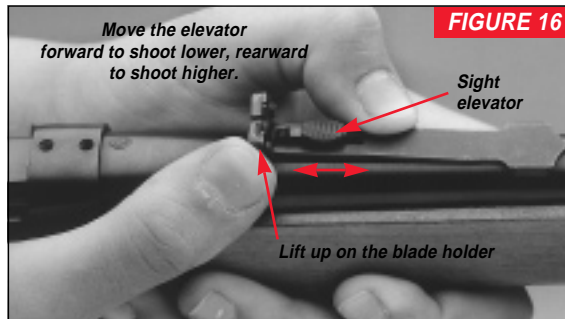
**IMPORTANT: UNDER NO CIRCUMSTANCES SHOULD YOU MOVE ON OR CONTINUE TO HUNT WITH YOUR HAMMER OR SAFETY IN THE FIRE POSITION.**

### **SIGHT ADJUSTMENTS**

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All Model 94 rifles are fitted with open sights. The style and adjustment system may vary between models and grades.

The proper procedure is to shoot a group with the sights set as they come from the factory (intermediate position on both elevation and windage), and then make incremental adjustments to move the sight blade and blade holder to position the group on your target. The procedures below are for the type of open sights found on current Model 94 rifles.



**BEFORE MAKING ANY SIGHT ADJUSTMENTS, MAKE SURE YOUR RIFLE IS FULLY UNLOADED AND THE MUZZLE IS POINTED IN A SAFE DIRECTION. PLACE THE HAMMER IN THE REBOUND POSITION AND THE MANUAL HAMMER STOP INTO THE "ON" POSITION.**

#### **UP OR DOWN ELEVATION ADJUSTMENTS —**

Adjusting elevation on your Model 94 requires you to lift up the rear notch blade holder on your rifle's rear sight with your fingers and move the notched elevator either forward or backward (see Figure 16). To raise point of impact, use your fingers to lift up on the blade and slide

the elevator rearward. Adjusting the sight to make your gun shoot lower is just the opposite — move the elevator forward. Remember:

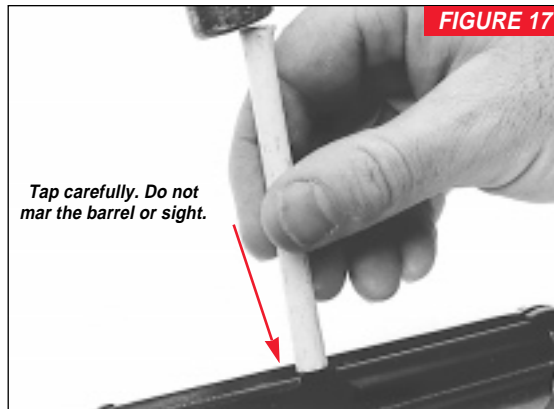
- Move the blade and holder up to shoot higher.
- Move the blade and holder down to shoot lower.

For finer elevation adjustments the sight blade itself can be moved up or down. This is done by loosening the two screws that secure the blade to the blade holder and then moving the blade up or down as desired. The screws are then retightened.

#### **RIGHT OR LEFT WINDAGE ADJUSTMENTS —**

On most Model 94 sights, the entire rear sight blade holder is dove-tailed in the rear sight base. To adjust for windage, gently move the rear sight blade to the right or left by tapping at the dove-tail using a wood or fiber dowel or hammer that will not mar the sight (See Figure 17). If you tap to the right your gun will shoot more to the right. Moving the blade holder to the left is just as easily done. Note how much you adjust the sight as you sight-in your Model 94. Remember:

- Move the rear sight to the right to shoot farther to the right on the target.



- Move the rear sight to the left to shoot farther to the left on the target.

**Care should be taken not to mar the finish, damage the attaching screws or bend sight components when adjustments are made.**

The front sight bead is also held in a dove-tail mount on the sight base. It is possible to make windage adjustments by tapping it to one side or the other, just like the rear base. Remember, when adjusting the front sight you get the opposite results: move to the right and you shoot more to the left, move the bead to the left and you'll

shoot more to the right.

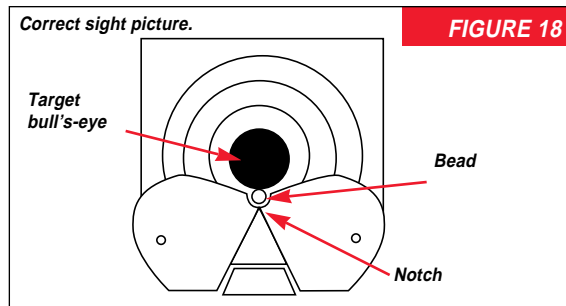
All sight adjustments — of course — are a matter of trial and error. Remember, it is usually necessary to reset your sights when you change type or even brand of ammunition.

#### **FOLD-DOWN TYPE SIGHTS —**

Some Model 94 rifles have a fold-down rear sight. The sight can be folded forward so that it will not interfere with the line of sight of a scope. Lower scope mounting is therefore possible. This is helpful if you will be using a scope exclusively. Adjustment for elevation is made by loosening the two screws holding the sight blade to the blade holder and moving them up or down to sight-in your rifle — then retightening. Windage adjustment is drift adjustable and is performed the same way as for standard sights

#### **SIGHT MAINTENANCE —**

Occasionally check your sights to make sure they have not been jarred or vibrated out of adjustment. This is especially important after extensive shooting or after hunting under rugged conditions. Check the two screws holding the rear sight blade in place on the blade mount and carefully tighten if necessary. Check the screw hold-



ing the front sight base to the barrel. The front hood (if so equipped) is held in place by slight indents in each side rail. If necessary it can be removed by carefully pulling it forward and off. Reinstallation is the reverse. Front and rear sight bases should always be tight on the barrel and dove-tails should be snug.

#### **SIGHT PICTURE —**

The correct sight picture for the sights on your Model 94 is with the front bead resting in the U-shaped notch in the sight blade. The bead itself should rest directly under the point of impact (See Figure 18). For example, if you were shooting a conventional small bore target, the round, black bull's-eye would appear to rest on top of the front bead.



## HAMMER EXTENSION

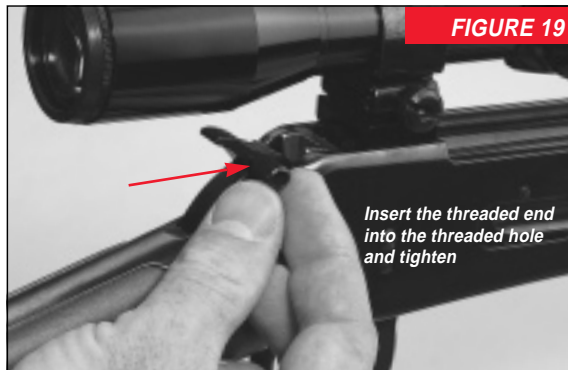
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Some Model 94 rifles are supplied with a hammer extension. A hammer extension is useful when a scope is mounted. It extends to the side, making it convenient to cock and lower the hammer even with a low-mounted scope.

The hammer extension can be used in either the right hand or left hand position. To install, coat the hammer extension threads with Loctite® thread locking compound. Position the round hollow edge to the left or right as preferred and fully tighten the hammer extension in the tapped hole in the hammer (See Figure 19). (Right-handed shooters usually prefer mounting the extension to the right side.)

***WARNING: HAMMER EXTENSIONS CAN LOOSEN WITH USE. OCCASIONALLY CHECK TO MAKE SURE YOUR HAMMER EXTENSION IS STILL ON TIGHTLY. PROPER MOUNTING OF THE HAMMER EXTENSION IS IMPORTANT TO PREVENT ACCIDENTAL DISCHARGE.***

It is important to familiarize yourself thoroughly with the operation and use of the hammer extension and your firearm prior to using live ammunition.



## CLEANING AND MAINTENANCE SUGGESTIONS

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The Model 94 will function better and more reliably over a longer period of time if it is properly maintained and kept clean.

***BEFORE PERFORMING ANY CLEANING PROCEDURES, ALWAYS MAKE CERTAIN THERE ARE NO CARTRIDGES IN THE CHAMBER, MAGAZINE OR ACTION/FEED AREAS.***

You should clean your Model 94 after every day of shooting and more often if it becomes excessively dirty. A minimum cleaning includes wiping down the action and oiling key parts. Most regular maintenance will also

include cleaning the barrel. If you encounter a function problem (tight action when working the finger lever), be sure to give your gun a thorough cleaning to see if it solves the problem before seeking the services of one of our Authorized Repair Centers, our service facility or a competent gunsmith.

To clean your firearm, follow the general outline below:

#### **CLEANING PROCEDURES —**

***BE CERTAIN YOUR GUN'S CHAMBER AND MAGAZINE ARE UNLOADED. ALWAYS WEAR PROTECTIVE SAFETY GLASSES DURING ALL CLEANING PROCEDURES. KEEP AMMUNITION AWAY FROM THE CLEANING AREA. DO NOT TEST THE FUNCTION OF YOUR FIREARM WITH LIVE AMMUNITION.***

***ALWAYS PLACE THE MANUAL HAMMER STOP IN THE "ON" (SAFE) POSITION BEFORE BEGINNING ANY CLEANING PROCEDURE.***

1. Use a cleaning rod with a tip and patch suitable for the bore diameter of your rifle. Make sure the patch is large enough for a snug fit in the bore.

Insert the rod and patch into the barrel at the muzzle end and run it back and forth several times. Use a crown protector if possible. Be careful not to strike the crown of the muzzle with the handle end of the rod. Damage to this area can affect the accuracy of the rifle.

2. Inspect the chamber and bore for brass, copper and powder fouling. A normal amount of powder residue can be expected and is not serious. It can usually be removed by repeating step one, using a patch saturated with solvent. If or when fouling should become heavy, it can be removed with a brass bore brush. Dip or spray the brush with solvent and scrub the chamber and bore until the fouling is removed. To prevent brass bristles from breaking off, the brush should be pushed completely through the bore before being withdrawn. If cast lead bullets are used a lead solvent may be used as well to fully clean the bore. Follow the instructions on all solvents and cleaners.

3. After fouling has been removed the bore should be wiped dry. Then pass a slightly oiled patch through the bore, for preservation. A fine, light gun oil is recommended.

4. Wipe all exposed metal surfaces of the receiver, forearm and barrel with a clean rag. Finger marks should be removed because they provide a place where moisture can accumulate. Any dried oil in the receiver area should also

be removed.

5. Then lightly oil your gun at the points described under “Oiling the Action” explained earlier in this manual. Ordinary good judgment will, of course, indicate that the metal of the gun should receive a light film of oil any time the rifle has been exposed to weather or handling. Remember, the polished, finely fitted surfaces of the receiver and action mechanisms must always have a thin film of oil. Make sure that the surfaces of the breech block, lever components and feed mechanism parts are especially clean and lightly oiled with a high quality gun oil. Do not use pure silicone or lanolin.

6. **INSPECT THE BARREL AND CHAMBER. TO MAKE CERTAIN THAT NO PATCHES HAVE BEEN INADVERTENTLY LEFT IN THEM.** Remove any that remain.

7. Wipe all wood surfaces.

8. When transporting only, store your Model 94 in a quality protective case to prevent scratches and dents. Store in a dry place to prevent corrosion. Store away from children. **MAKE SURE YOUR GUN IS UNLOADED**

## **AND ALWAYS STORE AMMUNITION SEPARATELY.**

### **OTHER CLEANING SUGGESTIONS —**

- Never pour large quantities of oil into the receiver or other parts. It can drain down to the wood and soften it — and cause permanent damage and loosening of the stock.
- After extended periods of heavy use, your gun should be taken to one of our Authorized Repair Centers or a qualified gunsmith to have the action disassembled for professional cleaning and lubrication.

## **NEVER ATTEMPT TO TAKE YOUR MODEL 94 APART FURTHER THAN EXPLAINED IN THIS MANUAL.**

This is a specialized, finely fitted mechanism. You may permanently mar it by attempting to disassemble the inner mechanism assemblies. If further disassembly for service or cleaning is required, take your gun to a U. S. Repeating Arms Company Authorized Repair Center or a competent gunsmith as explained under “Service or Repair.”

## ORDERING PARTS

To order parts, please write our parts department and furnish the following: your name, address, and telephone number. Also specify the model and serial number of your gun. When we receive your request, we will send an order form and a parts breakdown with prices.

Write to:

### **Parts Department**

**U.S. Repeating Arms Company, Inc.**

**275 Winchester Avenue**

**New Haven, Connecticut 06511-1970**

***CAUTION: PARTS ARE MADE FOR WINCHESTER BRAND FIREARMS MANUFACTURED BY OR FOR U.S. REPEATING ARMS COMPANY, INC., AND SHOULD NOT BE USED IN OTHER GUNS EVEN THOUGH MODELS MAY BE SIMILAR. IMPROPERLY FITTED PARTS MAY BE DANGEROUS.***

## SERVICE OR REPAIR

If your Winchester firearm should ever need repair or service, please utilize one of the world-wide network of U.S. Repeating Arms Company Authorized Repair Centers for Winchester firearms. If you have any questions about how to obtain service for your Winchester firearm, call or write the Authorized Repair Center (ARC) nearest you. A list of ARCs is packaged with your new gun. If you need to obtain a new list of ARCs call us at:

**1-203-789-5000**

## QUESTIONS

If you have other questions about Winchester rifles and shotguns, call or write our Customer Service Department:

**Customer Service**

**U.S. Repeating Arms Company, Inc.**

**275 Winchester Avenue**

**Morgan, Utah 84050-9333**

**Phone: 1-800-945-5237**

## **WINCHESTER-GUNS.COM**

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U.S. Repeating Arms Company offers an information resource for you on the world wide web.

- List of authorized repair centers.
- Customer service information.
- Answers to many technical and historical questions.
- Links to helpful sites.

Go to: [www.winchester-guns.com](http://www.winchester-guns.com)







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U.S. Repeating Arms Company, Inc.

275 Winchester Avenue

New Haven, Connecticut, U.S.A. 06511-1970

Administrative Offices:

275 Winchester Avenue, Morgan, Utah 84050-9333

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