

*Remington.*

# OWNER'S MANUAL



Instruction Book for:  
**R51**<sup>®</sup>  
Semi-Automatic Pistol

This manual contains operating, care, and maintenance instructions. To assure safe operation, any user of this firearm must read and understand this manual before using the firearm. Failure to follow the instructions and heed the warnings in this manual can cause property damage, personal injury, and/or death. This manual should always accompany this firearm, and be transferred with it upon change of ownership.

**WARNING!** Keep this firearm out of the reach of children, unauthorized individuals, and others unfamiliar with the safe handling of firearms.

|  | Alert Symbols and Definitions:                                                                                   |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>WARNING!</b>                                                                     | Indicates a hazardous situation which, if not avoided, will result in property damage, personal injury or death. |
| <b>CAUTION!</b>                                                                     | Indicates a hazardous situation which, if not avoided, could result in minor to moderate personal injury.        |
| <b>NOTE:</b>                                                                        | Address practices not related to personal injury.                                                                |

## Congratulations on Your Choice of a Remington Pistol.

Remington would like to thank you for purchasing our product. With proper care, it should give you many years of dependable use and enjoyment. For best results, we recommend that you use Remington or Barnes Ammunition; the ammunition used in factory testing your firearm against our rigorous function and performance standards.

Page 2 ..... The Ten Commandments of Firearm Safety

Page 10 ..... Important Parts of the Firearm

Page 12 .... Clearing/Unloading the Firearm

Page 15 ..... Loading the Firearm

Page 17 ..... Discharging the Firearm

Page 18 ..... Cleaning, Lubrication, and Maintenance

Page 32 ..... How to Obtain Parts and Service from Remington

Page 37 ..... Replacement Instructions for Remington R51 Grips

## Safety is Critical to Performance.

A superbly crafted firearm is only as good as the hands that hold it. You can never be too careful. Shooting accidents are often caused by careless oversights such as failing to control the direction of the muzzle, failing to fully engage the safety, leaving ammunition in the chamber, or using improper loads. These oversights can result in the destruction of life, limb, or property. There is no calling back a bullet once it has been fired, so it is critical that you know the principles of safe firearm handling and storage before you ever take your new firearm out of the box.

The proper use and performance of your firearm depends on correct assembly and maintenance, so it is critical that you familiarize yourself with the information in this manual. Even if you are a veteran shooter with a collection of firearms, take the time to read this manual. Not all firearms are the same. That means the first step in safe handling is to learn and become familiar with the features and requirements of your new firearm.

## THE TEN COMMANDMENTS OF FIREARM SAFETY

The Ten Commandments of Firearm Safety should be etched in your memory forever. Let them govern your action wherever and whenever you are involved with firearms in the field, on the range, or in your home. Please take the time to review and understand these rules.



### 1st C O M M A N D M E N T

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

*This is the most important firearm safety rule. A safe direction is one in which an accidental discharge will not cause injury to yourself or others. Never allow your firearm to point at anything you do not intend to shoot. Be especially careful when you are loading or unloading. Treat every firearm as if it were loaded. And make it a habit to know where the muzzle is pointed at all times, even when your firearm is*



unloaded. No one will be injured by an accidental discharge if you keep your firearm pointed in a safe direction. It is that simple.



## 2nd C O M M A N D M E N T

### FIREARMS SHOULD BE UNLOADED WHEN NOT IN USE.

*Load your firearm only when you are in the field or on the target range and ready to fire. Never let a loaded firearm out of your sight or out of your hands. Unload it as soon as you are finished shooting - before you bring it into your car, camp or home. Remember, unloading your firearm means unloading it completely, so there is no ammunition in the chamber or in the magazine. Before handling a firearm or passing it to someone else, visually check the chamber, receiver and magazine to be certain they do not contain ammunition. Always keep the firearm's action open when not in use. Never assume a firearm is unloaded even if you were the last person to use it. Always check for yourself.*



*Firearms should be stored in a secure place where children cannot access them. A gun safe is an ideal way to secure your firearm*

- *Let common sense rule when you carry a loaded firearm.* If you are in a situation that could risk accidental discharge - such as crossing a fence, wading through a stream or climbing a tree - always unload your firearm. Never pull or push a loaded firearm toward yourself or another person. Never carry a loaded firearm in a scabbard, detached holster or gun case.
- *Certain firearms are equipped with internal security devices to prevent unauthorized use.* Some firearms owners use external devices, such as cable locks and trigger blocks, for the same purpose. Even if you use such a device, you should still keep your firearm unloaded when stored or not in use. And using internal or external devices cannot substitute for securing your firearms and ammunition in separate, locked locations.
- *Safe storage of firearms is just as critical as safe handling.* Never store firearms loaded. Be sure to keep your firearms in a secure place where unauthorized persons cannot get their hands on them without your knowledge.
- *Take special care if there are children around.* Children are fascinated by firearms. It is a natural curiosity that can have tragic consequences when not properly supervised. Store your firearms in a locked gun safe or some other location that physically bars a child from gaining access.
- *Ammunition should be stored and locked in a location separate from your firearm.* Never leave an unsecured firearm or ammunition in a closet, dresser drawer or under the bed. Remember, it is your responsibility to make sure that children and others unfamiliar with firearms cannot get access to your firearm and ammunition.



## 3rd C O M M A N D M E N T

### DO NOT RELY ON YOUR FIREARM'S SAFETY.

*Treat every Firearm as if it can fire at any time, whether or not there is pressure on the trigger.* Your firearm has been carefully designed to maximize performance and safety. However, because a firearm's safety is a mechanical device, it could fail.

*Human error is a more likely reason for a firearm safety to fail.* By mistake, you may think the safety is on when it really is not. Or the safety may have been disengaged without your knowledge. Or you could think your firearm is unloaded when there is actually a cartridge or shell in it. A mechanical safety is not a substitute for common sense. It is merely a supplement to your proper handling of a firearm.

*Never touch the trigger on a firearm until you are ready to shoot.* Keep your fingers away from the trigger when you are loading or unloading. And do not pull the trigger when the safety is engaged or positioned between safe and fire.

*Before using your firearm, read this instruction book to understand the exact location and operation of your firearm's safety.* Even when the safety is on, maintain control of your loaded firearm and control the direction of the muzzle. In other words, do not rely on your safety to justify careless handling. If your firearm's internal mechanisms are broken or have been altered, your firearm may fire even when the safety is on. Remember, you and your safe firearm handling practices are your firearm's best safety.



## 4th C O M M A N D M E N T

### BE SURE OF YOUR TARGET AND WHAT IS BEYOND IT.



*You can not stop a shot in mid-air, so never fire unless you know exactly where your shot is going and what it will strike.* Never fire at a sound, a movement or a patch of color. A hunter in camouflage can easily be mistaken for a target by an impulsive shooter. Before you pull the trigger, be absolutely sure of your target and what is behind it. Make sure the shot has a backstop such as a hillside or dense material like sand. Remember, bullets can travel great distances with tremendous velocity. Know how far your shot will go if you miss your target or the bullet ricochets.



## 5th C O M M A N D M E N T

### USE PROPER AMMUNITION.

*Every firearm is designed to use a certain caliber or gauge of ammunition.* Using the wrong ammunition, mixing ammunition or using improperly reloaded ammunition can cause serious personal injury or death. And it only takes one cartridge or shotshell of the incorrect caliber or gauge, or which has been improperly reloaded, to destroy your firearm.

*It is your responsibility to make sure the ammunition you use exactly matches the caliber or gauge of your firearm.* Refer to this instruction book to find out the specific requirements of your firearm. Always read and heed the instructions on ammunition boxes.

*Confusing shells or cartridges can cause serious personal injury or death and destroy your firearm.* Examine your shells or cartridges closely and use only the precise caliber or gauge for your specific firearm. For example, suppose you accidentally loaded a 20 ga. shell into a 12 ga. shotgun. Because the 20 ga. shell is too small for the chamber, the 20 ga. shell could travel down the barrel and get lodged in the bore. If you then loaded a standard 12 ga. shell behind it and fired, the 12 ga. shot will slam into the lodged 20 ga. shell and may cause the barrel to explode right in your hand. This is commonly called a 12/20 burst, and it can kill you.

*Check all ammunition before you load it to make sure it matches your firearm's requirements.* Every Remington cartridge and shell is head-stamped with its caliber or gauge for easy identification. Likewise, you will find the caliber or gauge of your new Remington firearm imprinted on the barrel.



## 6th C O M M A N D M E N T

**IF YOUR FIREARM FAILS TO FIRE WHEN THE TRIGGER IS PULLED, HANDLE WITH CARE.**

*If for some reason the ammunition does not discharge when you pull the trigger, stop and remember the 1st Commandment of Firearm Safety - always keep the muzzle pointed in a safe direction.* After waiting a minimum of one (1) minute, keep your face away from the breech, put the safety on, carefully open the action, unload the firearm, and dispose of the cartridge safely. Remember that any time there is a shell in the chamber your firearm is loaded and ready to use. Even if you tried to shoot and your firearm did not discharge, treat your firearm as if it could still discharge.



## 7th C O M M A N D M E N T

**ALWAYS WEAR EYE AND EAR PROTECTION WHEN SHOOTING.**

*Your sight and hearing risk injury from shooting and should be protected at all times.* Wear protective shooting glasses to guard against falling shot, clay target chips, powder residue, ruptured cartridge cases and even twigs and branches in the field. Also be sure to wear eye protection when you are disassembling or cleaning a firearm so that tensioned parts (like springs) and cleaning solvents do not come in contact with your eyes. Continued exposure to shooting noise can permanently damage your hearing. On the range, where shooting volume is the loudest, be sure to use the maximum protection of a headset. Learn to use ear protection at all times.



## 8th C O M M A N D M E N T

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

*Before loading your firearm, open the action and make sure there is no ammunition in the chamber or magazine.* Check the barrel for any obstructions or debris. Even a small amount of snow, mud, excess lubricant or grease in the bore can dangerously increase pressure and cause the barrel to bulge or burst when firing.

Use a cleaning rod and patch to wipe away anti-rust compounds or any other residues or obstructions in the barrel. Never try to shoot out an obstruction by loading another shell and firing!

*When firing, rely on your instincts.* If the noise or recoil of your firearm seems weak, stop everything, unload your firearm and be sure nothing is lodged in the barrel. Remember the 12/20 burst? That is what can happen when the barrel is obstructed. Always be sure you are using the correct ammunition in your firearm and that it is free of obstructions.



## 9th C O M M A N D M E N T

**DO NOT ALTER OR MODIFY YOUR FIREARM AND HAVE IT SERVICED REGULARLY.**

*Your firearm has been designed to operate according to certain factory specifications.* You will jeopardize your safety and that of others around you by attempting to alter its trigger, mechanical safety or other mechanisms. So never alter or modify your firearm in any way.

*Like any mechanical device, a firearm is subject to wear.* It must be maintained and periodically serviced to assure optimum safety and performance. Only a qualified service facility should service, repair or modify your firearm. Consult your instruction book for instructions on how to send your firearm to the factory or for the location of the nearest Remington authorized repair station. Proper cleaning and lubrication are also important to firearm maintenance and are necessary to assure accuracy, safety and reliability. Before cleaning, always make sure that your firearm is completely unloaded. And always clean the barrel from the chamber end to the muzzle when possible.



*Make it a practice to clean your bore every time you are going to shoot.* Be sure to clean your entire firearm before and after long-term storage and no less than once a year. It is also important to clean your firearm whenever it has been exposed to adverse conditions such as rain, dirt, mud, snow, sleet or saltwater.

*For safe and dependable operation of your firearm, all parts of your firearm must be properly cleaned and lubricated.* Periodically inspect the internal workings of your firearm to be sure they are clean and free of rust, unwanted dirt and debris.

*Use recommended lubricants on your firearm and do not over-lubricate.* Excessive use of a non-recommended lubricant could adversely affect the function and safe operation of your firearm. Remember, you are responsible for the proper care and maintenance of your firearm. Failure to properly maintain your firearm cannot only damage or ruin your firearm, it can expose you and others to unnecessary risks of personal injury or death.

**NOTE:** Remington has a wide range of firearm care products and resources for best results when cleaning your firearm; everything from solvents and lubricants to rods and patches. They are all available from your Remington dealer.



## 10th C O M M A N D M E N T

### LEARN THE MECHANICS AND HANDLING CHARACTERISTICS OF YOUR FIREARM.

*Not all firearms are alike.* They have different mechanical characteristics that dictate how you should carry and handle them. Anyone who plans to use a firearm should first become totally familiar with the type of firearm it is and the safe handling procedures for loading, unloading, carrying, shooting and storing it.

*Before you even unpack your new firearm, read this instruction book from cover to cover and familiarize yourself with the different component parts of the firearm.* Then read, understand and follow *The Ten Commandments of Firearm Safety* in this manual.

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

### SHOOT SOBER!

There is one other rule that must be followed when handling firearms. In fact, respect for this rule is necessary in order to effectively practice *The Ten Commandments of Firearm Safety*. The rule is: SHOOT SOBER! Firearms and alcohol or drugs make a deadly combination. Never consume anything that would even mildly impair your judgment or physical coordination when you are using a firearm. A staggering percentage of the shooting accidents that occur every year involve alcohol or drugs. Be smart. Always shoot sober and stay alive.

**WARNING!** Failure to follow any of these safety rules may cause personal injury or death to the shooter or bystander and damage to property. Do not use a firearm until you fully understand and practice *The Ten Commandments of Firearm Safety*. If you have any questions about the safe use of a Remington firearm, write to us at Remington, Consumer Service, P.O. Box 1911, Madison, NC 27025-0700, or call us at 1-800-243-9700.

### DON'T KEEP THIS TO YOURSELF.

Now that you are a firearm owner you have the obligation to help ensure that shooting sports are safe for everyone, participants and bystanders alike. You can do that by practicing these principles of firearm safety and passing them on to others - especially new shooters. Set an example for beginners. Be a guide to their safe entry into the exciting world of shooting sports. Invest your time and patience for the love of the sport and for its future. After all, it is your love of the sport that led you to buy a new firearm.

Firearm ownership is a right and privilege. It is a privilege, which carries with it a personal responsibility to use your firearm in a way which will ensure your safety and the safety of others. The preservation of this right and privilege depends on the personal commitment of you and your fellow shooters to the safe and responsible use of firearms. Let *The Ten Commandments of Firearm Safety* outlined in this manual guide you at all times. Teach and promote these rules whenever you can. Remember, firearm safety depends on you! That is the only way to really enjoy your new firearm and to preserve sport shooting as we know it today.

## MODEL R51 AUTOLOADING PISTOLS

### ALWAYS PRACTICE SAFE FIREARMS HANDLING

**WARNING!** It is very important that you read and understand this manual before using the new firearm. Each of the warnings should be read and heeded carefully. Always follow *The Ten Commandments of Firearm Safety* listed in this manual. Failure to follow these rules, warnings, and instructions, can result in property damage, personal injury and/or death.

**WARNING!** If this firearm is carelessly or improperly handled, unintentional discharge can result in property damage, personal injury and/or death.

**WARNING!** Use only clean, dry, high quality commercially manufactured ammunition in good condition which is appropriate to the caliber of your firearm. Remington recommends against the use of remanufactured or hand loaded ammunition. The use of improperly loaded or reloaded ammunition may cause property damage, personal injury and/or death.

### DANGEROUS PROCEDURES

**WARNING!** This firearm may inadvertently chamber a cartridge if it is dropped or jarred with a loaded magazine in place. An unintentional discharge of a firearm may cause property damage, personal injury and/or death.

**WARNING!** An unfired cartridge can discharge if left in a hot barrel, this is often referred to as a “cook-off”. Always keep the firearm pointed in a safe direction. If an unfired cartridge cannot be cleared from a hot barrel quickly, remove the magazine from the firearm and allow the barrel and unfired cartridge to cool 15 minutes. A cook-off can cause property damage, personal injury, and/or death.

**WARNING!** Never discharge a firearm with water or an obstruction in the barrel. Discharging the firearm with water or other obstructions in the barrel can cause property damage, personal injury, and/or death.

**WARNING!** If you experience a change in sound report and/or recoil while discharging the firearm, do not attempt to discharge the firearm again. A change in sound report and/or recoil can be symptoms of a defective cartridge, which could lead to an obstructed bore. Discharging a firearm with an obstructed bore can cause property damage, personal injury, and/or death.

## THANK YOU FOR BUYING A REMINGTON PRODUCT

Congratulations on your choice of the Remington R51 firearm. With proper care, it should give you many years of dependable use and enjoyment. For best results, we recommend that you use Remington or Barnes® Ammunition - the ammunition used to test your R51 against our rigorous function and performance standards.

## GENERAL OPERATION

The Model R51 series handguns are fixed barrel, delayed blowback, single action, autoloading pistols. The R51 handguns are capable of firing successive shots with each pull of the trigger. Once the last cartridge in the magazine is discharged and ejected, the slide will remain in the open position.



**FIGURE 1** This picture shows the main parts of a MODEL R51 Series Pistol. The figure will aid in understanding the instructions.

**NOTE:** Some illustrations in this manual may depict cosmetic differences not related to performance or safety.

# IMPORTANT PARTS OF THE FIREARM

## THE SERIAL NUMBER AND CALIBER IDENTIFICATION

The serial number is located on the shooter's right side of the Frame, below the Slide. See Figure 2.

The R51's caliber and cartridge compatibility designation is located on the Barrel. The marking is visible through the ejection port when the Slide is fully forward. See Figure 3.

**WARNING!** Only use ammunition designated on the Barrel. Using ammunition not designated on the Barrel (improper caliber), including "Plus-P-Plus" (+P+) of the same caliber, may cause property damage, personal injury and/or death.



Figure 2

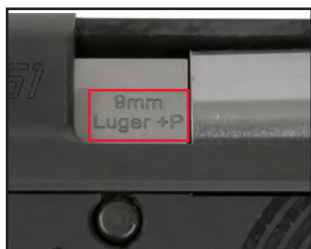


Figure 3

## THE BARREL

The Barrel has a series of grooves near the muzzle. These grooves are intended to aid in gripping the Barrel during the disassembly process. See Figure 4. This is not a threaded barrel.

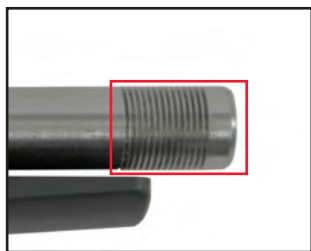


Figure 4

## THE GRIP SAFETY

The Grip Safety is located on the back side of the grip. The Trigger can only be fully pulled when the Grip Safety is fully depressed. See Figure 5.

**WARNING!** The firearm will discharge or FIRE when the trigger is pulled and the grip safety is fully depressed.



Figure 5

## ADDITIONAL FEATURES

The Grip Safety is the Model R51's manual safety mechanism. Additionally, the R51 pistol incorporates passive features providing additional protection against accidental or unintentional discharge during normal usage when in good working order. These passive features, such as the disconnecter, inertia firing pin system, hammer block, and trigger guard all work without direct input from the user as long as your firearm is kept clean and in good working order.

**WARNING!** Do not alter, bypass, or render these features inoperative. Altering, bypassing, or rendering these features inoperative may cause property damage, personal injury and/or death.

## THE CHAMBER INDICATOR

The chamber indicator is located on the top of the slide. See Figure 6. Observing the chamber indicator opening allows the user to observe if brass is present, indicating a chambered cartridge, provided there is adequate lighting and the handgun is clean. Never rely on the chamber indicator alone to determine if a cartridge is chambered. Always open the slide and visually check the chamber and magazine to verify the presence of a cartridge. Always keep the firearm pointed in a safe direction. See the *The Ten Commandments of Firearm Safety* section of this manual.

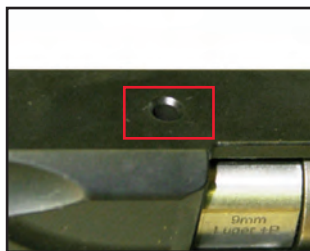


Figure 6

**WARNING!** Do NOT rely upon the Chamber Indicator alone to verify the presence or absence of a cartridge in the chamber. See *The Ten Commandments of Firearm Safety* in this manual. The Chamber Indicator may help to determine whether a cartridge is present in the chamber. The lighting conditions, cleanliness of the handgun, discoloration of the ammunition, and other factors may limit the effectiveness of the Chamber Indicator. Failure to follow safe firearm handling practices may cause property damage, personal injury, and/or death.

## THE LOCKING DEVICE

This firearm was originally sold with a key-operated locking device to assist the owner in protecting against unauthorized use. For proper installation of the locking device, see separate instructions provided with the locking device. These are storage locking devices. Keep your locking device engaged when your firearm is not in use. See Figure 7. Store the pistol



Figure 7

unloaded and locked in a safe place. Store the ammunition and key separately from the pistol.

**WARNING!** The locking device does not eliminate the need for safe firearm handling and storage, including keeping this and every firearm unloaded and locked in a secure place when not in use. Read and follow these and other safety rules in this instruction book. See the *The Ten Commandments of Firearm Safety* section of this manual. Failure to read, understand, and obey these instructions may cause property damage, personal injury and/or death.

## THE MAGAZINE RELEASE BUTTON

The Magazine Release Button is used to release the magazine from the firearm. The Magazine Release Button is ambidextrous and is located on both sides of the pistol behind the trigger. To release a magazine from the pistol, hold one hand under the magazine while depressing the Magazine Release Button from either side. See Figure 8.



Figure 8

## THE TRIGGER ASSEMBLY

*Pulling the trigger DISCHARGES the firearm.*

The Trigger Assembly of the Model R51 series of handguns has been designed for optimal trigger pull. The Trigger Assembly is not adjustable. All repairs to the Trigger Assembly must be made by the factory or a Remington Authorized Repair Center.

**WARNING!** Never place your finger on the Trigger unless you are ready to discharge or FIRE the firearm. An unintentional or uncontrolled discharge of your firearm may cause property damage, personal injury and/or death.

**WARNING!** Never manipulate, adjust or change any of the internal components of your firearm unless specifically directed to do so in this instruction manual. Improper manipulation of any internal component may affect the safety and reliability of your firearm and may cause property damage, personal injury and/or death.

## CLEARING / UNLOADING THE FIREARM

**WARNING!** Never assume your firearm is unloaded to justify careless handling. Always control the direction of the muzzle of your firearm, even if you think it is completely unloaded. Careless handling of a firearm may cause property damage, personal injury and/or death.

**WARNING!** The Model R51 autoloading pistol can be discharged with the magazine removed. If a cartridge is chambered, the Slide is closed, and the Grip Safety is depressed, pulling or depressing the Trigger will

cause the firearm to discharge. An unintentional or uncontrolled discharge of your firearm may cause property damage, personal injury and/or death.

**WARNING!** Always wear eye and hearing protection when handling a loaded firearm. Failure to do so could result in personal injury. See *The Ten Commandments of Firearm Safety* in this manual.

1. Always keep the firearm pointed in a safe direction.
2. Remove the magazine by pressing the Magazine Release Button.
3. Firmly hold the firearm with your shooting hand, while keeping the Trigger clear of contact with fingers and/or other objects.
4. Pull and hold the Slide fully rearward with your support hand. If a cartridge was in the chamber, it should be ejected at this time. See Figure 9.
5. With the Slide fully rearward, lock the Slide in the open position by pushing the Slide Stop up, fully engaging the slide stop notch. See Figure 10.
6. Look into the ejection port and visually check the chamber and magazine well for cartridges, making sure the handgun is completely unloaded.
7. Check the Breech Face, ensuring the Firing Pin is not protruding. See Figure 11. If the Firing Pin is protruding from the Breech Face, as in Figure 12, do not attempt to load or discharge the firearm. Have the firearm inspected by a Remington Authorized Repair Center before use.

**WARNING!** If the firing pin is protruding from the breech face, do NOT attempt to load or discharge the firearm. Have the firearm serviced by a Remington Authorized Repair Center. See the "How to Obtain Parts and Service from Remington" section in this manual. Loading a firearm with a protruding firing pin may cause an unintentional discharge resulting in personal injury and/or death.

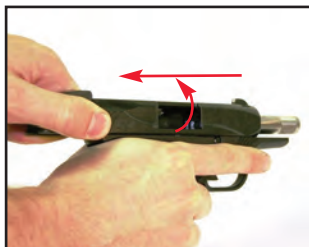


Figure 9



Figure 10



Figure 11



Figure 12

8. To unload the magazine, hold the magazine separate and apart from the pistol.
9. Place your thumb on the top cartridge and slide it forward and out of the magazine. See Figure 13.
10. Repeat step 8 until the magazine is completely empty.



Figure 13

## CHECKING THE BARREL FOR OBSTRUCTIONS

**WARNING!** NEVER try to clear or remove a barrel obstruction by loading another cartridge and discharging the firearm. This may cause property damage, personal injury and/or death.

1. Always keep the firearm pointed in a safe direction.
2. Remove the magazine by pressing the Magazine Release Button.
3. Firmly hold the firearm with your shooting hand, while keeping the Trigger clear of contact with fingers and/or other objects.
4. Pull and hold the Slide fully rearward with your support hand. If a cartridge was in the chamber, it should be ejected at this time. See Figure 9.
5. With the Slide fully rearward, lock the Slide in the open position by pushing the Slide Stop up, fully engaging the slide stop notch. See Figure 10.
6. Look into the ejection port and visually check the chamber and magazine well to make sure the handgun is completely unloaded.
7. If the firearm is not unloaded, See the "Clearing / Unloading the Firearm" section of this manual.
8. Only after the firearm is unloaded, insert a cleaning rod of the correct size into the muzzle.
9. Push the rod completely through the Barrel until the rod can be seen at the ejection port.

### Removing an Object from Inside the Barrel:

10. Insert the cleaning rod into the muzzle and lightly tap the rod to free object from the Barrel.
11. Push rod all the way through the Barrel until the rod can be seen at the ejection port.
12. If an object cannot be easily pushed out of the Barrel with a cleaning rod, return the firearm to the factory or a Remington Authorized Repair Center.

**WARNING!** Before loading the firearm, make sure the inside of the Barrel is free of dirt, oil, or other obstructions. Discharging the firearm with a dirty and/or obstructed Barrel may cause property damage, personal injury and/or death.

## LOADING THE FIREARM

**WARNING!** Never assume a firearm is unloaded. Never carelessly handle a firearm. Always control the direction of the muzzle of your firearm, even if you think it is completely unloaded. Careless handling of any firearm can lead to property damage, personal injury and/or death.

## AMMUNITION

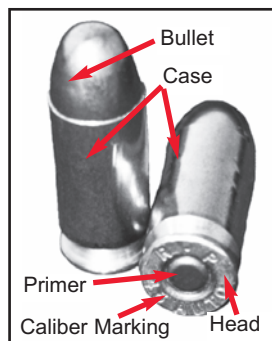
**WARNING!** Only use ammunition designated on the Barrel. Using ammunition not designated on the Barrel (improper caliber), including "Plus-P-Plus" (+P+) of the same caliber, may cause property damage, personal injury and/or death.

**WARNING!** Ammunition contains chemicals known in the State of California to cause cancer and birth defects or other reproductive harm.

**WARNING!** Do not apply oil, grease or any lubricants to cartridges. Applying lubricants to cartridges may interfere with proper operation of the cartridge, resulting in property damage, personal injury and/or death.

Always check the cartridge for the correct designation before loading the firearm.

There are many different types of handgun ammunition available for your new Remington pistol. Remington designs firearms to function with most commercially available ammunition. Using different combinations of bullet weights, bullet types, and propellant types will result in a variation of bullet velocities, accuracy, and felt recoil, even in pistols of the same model. Your Remington handgun was designed and tested to use only ammunition of the caliber for which it is chambered. Remington recommends that only ammunition be used in your new pistol that meets the guidelines set forth by the Sporting Arms and Ammunition Manufacturer's Institute, SAAMI. Remington highly recommends the use of Remington or Barnes branded ammunition products. Remington does not cover warranty problems when using reloaded or remanufactured ammunition. For additional warranty information refer to page 32 or [www.remingtonhandguns.com/warranty](http://www.remingtonhandguns.com/warranty). Remington recommends consumers practice with their preferred brand of ammunition in their new pistol to ensure functionality and performance.



## LOADING THE CHAMBER AND MAGAZINE

**WARNING!** Safe Firearms Handling dictates that live ammunition should only be loaded into your firearm when you are ready to discharge the firearm. See *The Ten Commandments of Firearm Safety* section of this manual. Loading live ammunition into your firearm when you do not wish to discharge it could result in property damage, personal injury, and/or death.

**NOTE:** The bore should be cleaned before loading the firearm the first time. Follow cleaning instructions shown in the “Cleaning the Barrel” section of this manual.

1. Always keep the firearm pointed in a safe direction.
2. Remove the magazine by pressing the Magazine Release Button.
3. Verify the firearm is completely unloaded. See the “Clearing/Unloading the Firearm” section of this manual.
4. Firmly hold the firearm with your shooting hand, while keeping the Trigger clear of contact with fingers and/or other objects.
5. Pull and hold the Slide fully rearward with your support hand. If a cartridge was in the chamber, it should be ejected at this time. See Figure 9.
6. With the Slide fully rearward, lock the Slide in the open position by pushing the Slide Stop up, fully engaging the slide stop notch. See Figure 10.

### Loading the Magazine:

**WARNING!** Always check the cartridge for the correct caliber designation before loading the firearm. Use of an incorrect caliber cartridge could result in property damage, personal injury and/or death.

**WARNING!** The use of improperly loaded or hand-loaded ammunition can lead to barrel obstructions, excessive pressure and/or inadvertent discharge of a firearm, resulting in personal injury, property damage and/or death. Use only quality factory ammunition loaded to SAAMI guidelines suitable for your firearm. Examine each cartridge, particularly around the primer. Look for dents, scratches, and other signs of damage. Do NOT use damaged ammunition! Use of damaged ammunition could result in property damage, personal injury, and/or death.

7. Push a cartridge of the correct type and caliber, one at a time, into the magazine, sliding the cartridge under the magazine feed lips until the cartridge head is against the rear wall of the magazine. Repeat this procedure for the number of cartridges to load, up to the maximum capacity. See Figure 14.
8. With the bullet end of the cartridge aligned toward the chamber, push the full magazine into the magazine well of the firearm until the magazine latch is fully engaged.
9. Make sure the magazine is fully and securely latched into position by pulling downward on the magazine. It should remain in the fully latched position.



Figure 14

**WARNING!** Do not use excessive upward force when inserting a loaded magazine into the magazine well. Excessive upward force could cause

an open slide to move forward, chambering a cartridge. An unintentional or uncontrolled discharge of your firearm may cause property damage, personal injury and/or death.

### Loading the Chamber:

10. Firmly hold the firearm with your shooting hand, while keeping the Trigger clear of contact with fingers and/or other objects.
11. Pull and hold the slide fully rearward with your support hand. See Figure 15.



Figure 15

**CAUTION!** Before releasing the slide make sure fingers, hands, and clothing are clear of the slide as it moves forward. Failure to keep your fingers, hands, and clothing clear of the Slide's forward movement can cause property damage and personal injury.

12. Once the slide is in the full rear position, and the muzzle is pointed in a safe direction, release the slide, letting the slide move freely forward.

**WARNING!** The firearm is now fully loaded. Pulling or depressing the Trigger with the Grip Safety depressed will discharge the firearm. An unintentional discharge of a firearm may cause property damage, personal injury, and/or death.

## DISCHARGING THE FIREARM

**WARNING!** The inside of the Barrel must be clean and free of any obstructions. Discharging the firearm with a dirty and/or obstructed Barrel may cause property damage, personal injury, and/or death. See the *Ten Commandments of Firearm Safety* section of this manual.

**WARNING!** Keep your body, face, and hands clear of the Slide's reciprocating movement and the ejection port. Failure to keep your body, face, and hands clear of the Slide's reciprocating movement and the ejection port can lead to property damage, personal injury and/or death.

**CAUTION!** Always wear eye and hearing protection when discharging any firearm. Failure to do so could result in personal injury. See *The Ten Commandments of Firearm Safety* section of this manual.

1. Always keep the firearm pointed in a safe direction.
2. To ensure proper control due to recoil while firing, grip the handgun firmly with both shooting hand and support hand, fully depressing the grip safety. See Figure 16.



Figure 16

3. Point the muzzle at the intended target and pull the Trigger. The firearm will discharge each time the trigger is pulled until the magazine and chamber are empty.
4. After the last cartridge is discharged, the Slide Stop will engage the Slide, holding it in the open position.
5. Look into the ejection port and visually check the chamber and magazine well to make sure the handgun is completely unloaded.
6. Ensure the firing pin is not protruding from the breech face. See "Clearing/Unloading the Firearm" section of this manual.

**WARNING!** If a cartridge does not discharge when the Trigger is pulled (misfire), keep the firearm pointed in a safe direction and wait one (1) minute before opening the action. See the "Clearing/Unloading Your Firearm" section of this manual. Failure to wait could result in a delayed and/or uncontrolled discharge of the cartridge, possibly causing property damage, personal injury, and/or death.

**WARNING!** If the "report" of a discharged cartridge is noticeably softer or louder or in any way irregular, stop shooting. Keep the firearm pointed in a safe direction, and carefully unload the firearm. Check the bore for obstructions. See the section "Checking for and Removing a Barrel Obstruction" of this manual. Discharging a firearm with an obstruction can cause property damage, personal injury, and/or death.

**WARNING!** If the recoil of the firearm is harder or softer or any way irregular, stop shooting. Keep the firearm pointed in a safe direction; unload the firearm. Check the bore for obstructions. See the section "Checking for and Removing a Barrel Obstruction" of this manual. Discharging a firearm with an obstruction can cause property damage, personal injury, and/or death.

## CLEANING, LUBRICATION, AND MAINTENANCE

**WARNING!** Before cleaning or disassembling your firearm, make sure it is completely unloaded (both the chamber and the magazine). See the "Clearing/Unloading Your Firearm" section of this manual. Cleaning, lubricating, and/or performing maintenance on a loaded firearm may cause property damage, personal injury and/or death.

**WARNING!** After each use, follow the lubrication and maintenance directions in this Owner's Manual. If the firearm is immersed in water, it must be thoroughly dried, cleaned and lubricated as soon as possible. In case of saltwater immersion, first flush all parts with fresh water, then dry, clean and lubricate the firearm. If the firearm does not function properly, have it checked and corrected by a Remington Authorized Repair Center before further use. Failure to follow these instructions may lead to firearm malfunctions which resulting in property damage, serious personal injuries and/or death.

### LUBRICATION

**WARNING!** The use of non-recommended lubricants or cleaners

could adversely affect the function and safe operation of your firearm. Do not use congealing lubricants. The use of non-congealing lubricants such as Rem Oil is strongly recommended. The use of improper lubricants may interfere with the safe operation of your firearm, resulting in property damage, personal injury and/or death.

For safe and dependable operation of your handgun, the barrel and action must be periodically cleaned and lubricated.

When the firearm is to be stored, it should be carefully cleaned and thoroughly oiled. Outside metal surfaces should be wiped occasionally with Rem Oil.

When the firearm is to be reused, all excess lubrication must be removed. The chamber and bore must be thoroughly wiped dry.

**NOTE:** Remington Rem Oil is available from your local dealer. If your dealer is out of stock, ask the dealer to order Rem Oil from the Remington Distributor.

## DISASSEMBLING THE FIREARM FOR CLEANING

**WARNING!** Before cleaning or disassembling your firearm, make sure it is completely unloaded (both the chamber and the magazine). See the “Clearing/Unloading the Firearm” section of this manual. Always wear eye protection when handling, disassembling and reassembling the firearm. Failure to follow these instructions may cause property damage, personal injury and/or death.

**CAUTION!** The Model R51 series of autoloading pistols should not be disassembled beyond what is described in this manual, except by the factory or a Remington Authorized Repair Center.

### Removing and Disassembling the Slide:

1. Always keep the firearm pointed in a safe direction.
2. Verify the firearm is completely unloaded. See the “Clearing/Unloading the Firearm” section of this manual.
3. Pull the Slide rearward until the Slide Stop is opposite the disassembly notch. See Figure 17.
4. From the shooter’s right side of the firearm, push in on the Slide Stop.
5. Remove the Slide Stop from the shooter’s left side of the firearm. See Figure 18.
6. With the Slide retracted, firmly grasp



Figure 17



Figure 18

the Barrel. See Figure 19.

7. Remove the Slide from the Frame Assembly by firmly pulling the Barrel forward. See Figure 20.

**Note:** Do not pull the Trigger (“dry fire”) while the Slide is removed. Doing so may result in damage to the Frame or other internal parts.

8. Without letting go of the Barrel, grasp the rear of the Firing Pin protruding from the Breech Block Assembly.
9. Remove the Breech Block Assembly from the Slide. See Figure 21.
10. Allow the Barrel to return to its original position.
11. Push the Barrel towards the rear of the Slide until it stops. See Figure 22.



Figure 19



Figure 20



Figure 21

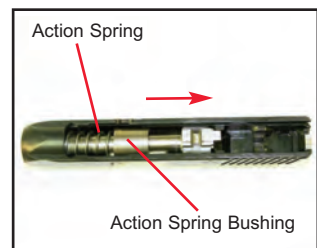


Figure 22

12. Using a thumb and forefinger, pull the Action Spring Bushing towards

the front of the slide until it is aligned with the action spring bushing clearance notch in the slide. See Figure 23.

**WARNING!** Use extreme care when disassembling the Action Spring and Action Spring Bushing, as the Action Spring is under compression. Wear eye protection to avoid serious personnel injury. Failure to follow these instructions may cause property damage and/or personal injury.

13. While continuing to hold the Action Spring Bushing aligned with the action spring bushing clearance notch, tilt the chamber end of the Barrel up and out of the Slide. See Figure 24.
14. Remove the Action Spring Bushing and Action Spring from the Slide through the action spring bushing clearance notch in the slide. See Figure 25.

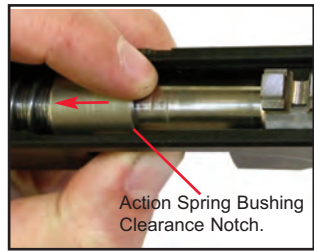


Figure 23



Figure 24

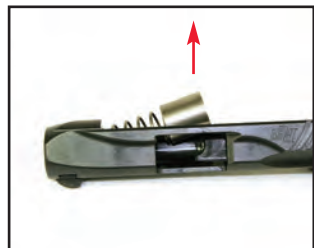


Figure 25

## Disassembling the Magazine:

**WARNING!** Unload the magazine before cleaning and/or servicing. See the "Clearing/Unloading Your Firearm" section of this manual. Always wear eye protection when handling, disassembling and reassembling the magazine. Cleaning and/or servicing a firearm and/or its components while it is loaded may cause property damage, personal injury, and/or death.

**CAUTION!** Keep the bottom of the magazine body pointed away from you and in a safe direction during all steps of the magazine disassembly and reassembly process. Failure to follow these instructions may cause property damage and/or personal injury.

1. Always keep the firearm pointed in a safe direction.
2. Remove the magazine by pressing the Magazine Release Button.
3. Verify the firearm and magazine are completely unloaded. See the "Clearing/Unloading the Firearm" section of this manual.

4. To control the magazine spring during disassembly, insert a punch through a pair of the Magazine Body's viewing holes. See Figure 26.
5. Using a pointed tool, push inward on the tab of the Magazine Floor Plate Retainer. See Figure 27.
6. While pushing inward, begin to slide the Magazine Floor Plate toward the front of the Magazine Body. See Figure 28.
7. Place a finger over the Magazine Floor Plate Retainer to prevent the parts from being expelled outward.
8. Remove the pointed tool and carefully finish sliding the Magazine Floor Plate off of the Magazine Body. See Figure 29.
9. While removing the punch retaining the Magazine Spring, slowly allow the Magazine Spring to expand outward until all spring load is relieved.
10. Remove the Magazine Floor Plate Retainer and Magazine Spring from the bottom of the Magazine Body. See Figure 29.
11. Remove the Magazine Follower from the bottom of the Magazine Body.



Figure 26



Figure 27



Figure 28

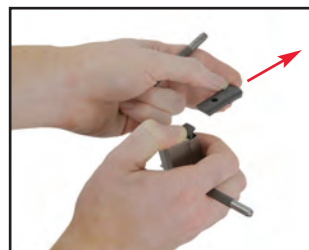


Figure 29

## Cleaning / Reassembling the Magazine:

**WARNING!** Unload the firearm before cleaning and/or servicing. See the "Clearing/Unloading Your Firearm" section of this manual. Always wear eye protection when handling, disassembling and reassembling the firearm. Cleaning and/or servicing a firearm and/or its components while it is loaded may cause property damage, personal injury, and/or death.

**CAUTION!** Keep the bottom of the Magazine Body pointed away from you and in a safe direction during all steps of the magazine disassembly and reassembly process. Failure to follow these instructions may cause property damage and/or personal injury.

1. Disassemble the magazine following the instructions in the "Disassembling the Magazine" section of this manual.

2. Thoroughly spray all magazine components with Rem Action Cleaner.
3. If necessary, use a brush to remove any fouling residue.
4. Wipe the magazine components with a clean patch. Allow to air dry.
5. Apply a light coating of Rem Oil to Magazine Body, Magazine Spring, and Magazine Follower.
6. Insert the Magazine Follower into the bottom of the Magazine Body.
7. Insert the Magazine Spring into the bottom of the Magazine Body. See Figure 30 for proper spring orientation.
8. Place the Magazine Floor Plate Retainer on the bottom of the Magazine Spring with the tab facing away from the spring.
9. Compress the Magazine Spring until the Magazine Floor Plate Retainer is below flush with the bottom of the Magazine Body.
10. Slide the Magazine Floor Plate on the bottom of the Magazine Body. Ensure the Magazine Floor Plate Retainer tab snaps into the hole on the Magazine Floor Plate.

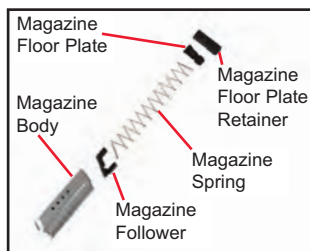


Figure 30

## CLEANING THE BARREL

**WARNING!** Unload the firearm before cleaning and/or servicing. See the “Clearing/Unloading Your Firearm” section of this manual. Always wear eye protection when handling, disassembling and reassembling the firearm. Failure to follow these instructions may cause property damage, personal injury and/or death.

1. Always keep the firearm pointed in a safe direction.
2. Verify the firearm is completely unloaded. See the “Clearing/Unloading the Firearm” section of this manual.
3. Remove the Barrel from the pistol. See “Disassembling the Firearm for Cleaning” section of this manual.

**NOTE:** Follow the instructions and use the equipment provided in a quality cleaning kit such as a Remington Cleaning Kit. For recommendations, see your dealer or a Remington Authorized Repair Center.

4. Attach a patch to a cleaning rod tip and saturate the cleaning patch with Brite Bore® or equivalent cleaning solvent product.
5. Pass the patch through the bore starting from the chamber end to the muzzle several times to remove loose residue and fouling.
6. Select the correct caliber cleaning brush and attach the brush to the cleaning rod.
7. Spray the bore brush with Brite Bore cleaning solvent.
8. Push the cleaning rod through the complete length of the Barrel several times.
9. Remove the brush from the rod and attach a tip with a

cleaning patch.

10. Push the cleaning patch through the bore.
11. Repeat several times using a new cleaning patch each time until the removed patch is free from fouling residue.
12. Push a clean patch saturated with Rem Oil through the Barrel.
13. Push a clean, dry patch through the Barrel to remove excess lubricant.
14. Brush the barrel feed ramp and outside surfaces to remove all fouling residue.
15. Wipe the Barrel with a clean patch and allow to air dry.
16. Apply a light coating of Rem Oil to the outside of the Barrel with a soft clean cloth.

**WARNING!** After cleaning, make sure the Barrel is free of obstructions, see the “Checking the Barrel for Obstructions” section of this manual. Discharging the firearm with a dirty and/or obstructed barrel may cause property damage, personal injury and/or death.

## CLEANING THE ACTION SPRING BUSHING

**WARNING!** Unload the firearm before cleaning and/or servicing. See the “Clearing/Unloading Your Firearm” section of this manual. Always wear eye protection when handling, disassembling and reassembling the firearm. Failure to follow these instructions may cause property damage, personal injury and/or death.

1. Disassemble the firearm following the instructions in the “Disassembling the Firearm for Cleaning” section of this manual.
2. Spray the Action Spring Bushing with Rem Action Cleaner.
3. If necessary, use a brush to remove any fouling residue.
4. Wipe the Action Spring Bushing with a clean patch and allow to air dry.
5. Apply a light coating of Rem Oil to the Action Spring Bushing with a soft clean cloth.

## CLEANING THE SLIDE ASSEMBLY

**WARNING!** Unload the firearm before cleaning and/or servicing. See the “Clearing/Unloading Your Firearm” section of this manual. Always wear eye protection when handling, disassembling and reassembling the firearm. Failure to follow these instructions may cause property damage, personal injury and/or death.

1. Disassemble the firearm following the instructions in the “Disassembling the Firearm for Cleaning” section of this manual.
2. Spray the Slide with Rem Action Cleaner, including the breech block cuts, breech block pick-up ramps, rail cuts, disconnector cuts, and ejector cut. See Figure 31.

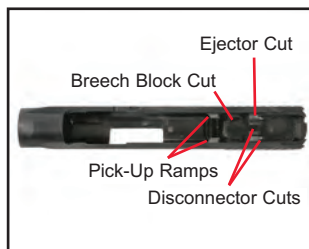


Figure 31

3. If necessary, use a nylon brush to remove any fouling residue.
4. Wipe the Slide with a clean patch and allow to air dry.
5. Spray the inside of the Slide with Rem Oil. Ensure the breech block pick-up ramps are well lubricated.
6. Apply a light coating of Rem Oil to the outside of the Slide with a soft clean cloth.

## CLEANING THE BREECH BLOCK ASSEMBLY

**WARNING!** Unload the firearm before cleaning and/or servicing. See the “Clearing/Unloading Your Firearm” section of this manual. Always wear eye protection when handling, disassembling and reassembling the firearm. Failure to follow these instructions may cause property damage, personal injury and/or death.

**NOTE:** Clean and lubricate the Breech Block as an assembly. Do not remove any additional components from the Breech Block Assembly. Any further disassembly should only be completed by a Remington Authorized Repair Center.

1. Disassemble the firearm following the instructions in the “Disassembling the Firearm for Cleaning” section of this manual.
2. Spray the complete Breech Block Assembly with Rem Action Cleaner, including the breech face, the extractor, and the ejector cut. If necessary, use a brush to remove any fouling residue. See Figure 32.
3. Wipe the Breech Block Assembly with a clean patch and allow to air dry.
4. Spray all sides of the Breech Block Assembly with Rem Oil.

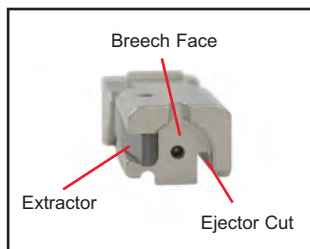


Figure 32

## CLEANING THE FRAME ASSEMBLY

**WARNING!** Unload the firearm before cleaning and/or servicing. See the “Clearing/Unloading Your Firearm” section of this manual. Always wear eye protection when handling, disassembling and reassembling the firearm. Failure to follow these instructions may cause property damage, personal injury and/or death.

**NOTE:** Clean and lubricate the Frame as an assembly. Do not remove any additional components from the Frame Assembly. Any further disassembly should only be completed by a Remington Authorized Repair Center.

1. Disassemble the firearm following the instructions in the “Disassembling the Firearm for Cleaning” section of this manual.
2. Spray the Frame Assembly with Rem Action Cleaner.
3. If necessary, use a brush to remove any fouling residue.
4. Wipe the Frame Assembly with a clean patch and allow to air dry.
5. Apply a light coating of Rem Oil to the inside surfaces of the Frame

Assembly, including around the Magazine Catch Assembly, the Fire Control, Hammer, and Disconnecter. See Figure 33.

## REASSEMBLING THE FIREARM

**WARNING!** The firearm owner and user must accept full responsibility for the correct reassembly and functioning of the firearm after the disassembly or the replacement of parts. Incorrectly assembling the firearm or the use of modified or incorrect parts can result in property damage, personal injury and/or death.

**CAUTION!** Always wear eye protection when handling, disassembling and reassembling the firearm. Failure to follow these instructions may cause property damage and/or personal injury.

**NOTE:** Remington recommends all service and replacement of components be performed by a Remington Authorized Repair Center. If a repair or component replacement was not completed by a Remington Authorized Repair Center, we recommend that you have your firearm checked by an Authorized Repair Center to verify your firearm is operating properly and safely.

1. Place the Action Spring Bushing over either end of the Action Spring.
2. Insert the free end of the Action Spring into the slide. See Figure 34.
3. Compress the Action Spring until the Action Spring Bushing lines up with the action spring bushing clearance notch. See Figure 35.
4. Insert the muzzle of the Barrel into the Action Spring Bushing.
5. Rotate the Barrel and Action Spring Bushing into the Slide. See Figure 36.
6. Push the Barrel fully forward, ensuring the muzzle of the Barrel is properly aligned in the Slide. See Figure 37.
7. Using a thumb, slightly push the Barrel towards the muzzle end of the Slide.
8. Place the Breech Block Assembly into the Slide. Ensure that the ejector cut is visible, and the Firing Pin protruding from the Breech Block Assembly is pointed towards the rear of the Slide. See Figure 38.
9. Release the Barrel.

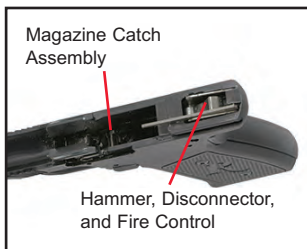


Figure 33



Figure 34



Figure 35

10. Align the front rails on the Frame with the slots in the rear of the slide.
11. Push the Slide Assembly onto the Frame until the rear of the Slide lines up with the rear of the Frame. See Figure 39.

**NOTE:** The assembly may now be held upright.

12. Pull the Slide rearward until the disassembly notch is aligned with the slide stop hole. See Figure 40.
13. From the pistol's left, push the Slide Stop in the slide stop hole until it locks into place. Ensure the Slide Stop Spring snaps over the tab on the Slide Stop. See Figure 41.
14. Once the Slide Stop is locked into position, move the Slide fully forward.



Figure 36



Figure 37



Figure 38



Figure 39



Figure 40

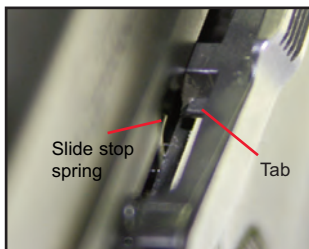


Figure 41

## FUNCTION TESTING THE FIREARM

**WARNING!** If the firearm experiences a malfunction during the Function Test, the firearm is not safe to use. This firearm should be serviced by a Remington authorized repair center. See the “How to Obtain Parts and For Your Remington R51” section of this manual to have your firearm repaired. Use of a firearm which fails the Function Test may cause property damage, personal injury and/or death.

When the firearm is reassembled, a short function test should be conducted to ensure proper operation before loading or discharging the firearm. If the firearm does not function as described in any of the Function Testing, the firearm is NOT in a safe operating condition and it must NOT be used until you have it inspected by a Remington Authorized Repair Center or call the consumer service number, 1-800-243-9700, Mon.-Fri., 9:00 AM-5:00 PM Eastern Standard Time.

**WARNING!** Performing Function Testing on a loaded Firearm may cause property damage, personal injury, and/or death.

**CAUTION!** Always wear eye protection when handling, disassembling and reassembling the firearm. Failure to follow these instructions may cause property damage and/or personal injury.

1. Always keep the firearm pointed in a safe direction.
2. Remove the magazine by pressing the Magazine Release Button.
3. Verify the firearm is completely unloaded. See the “Clearing/Unloading the Firearm” section of this manual.
4. While holding the firearm with your shooting hand, ensure the Grip Safety is fully depressed and pull Slide fully rearward and release.
5. Release the Grip Safety, allowing it to return to the engaged position.
6. Pull the Trigger with the Grip Safety in the engaged position. The Hammer should not fall (NO audible click).
7. Depress the Grip Safety and pull the Trigger. The Hammer should fall (audible click). Keep the Trigger fully depressed.
8. While holding the firearm with your shooting hand and keeping the Trigger and Grip Safety fully depressed, pull Slide fully rearward and release.
9. Fully release the Trigger and pull the Trigger. The Hammer should fall (audible click).
10. Insert an empty magazine into the magazine well.
11. While holding the firearm with your shooting hand, ensure the Grip Safety is fully depressed and pull Slide fully rearward and release. The slide should NOT move forward.
12. Remove the magazine.
13. If the firearm does not function as described in any of the Function Testing, the firearm is NOT in a safe operating condition and it must NOT be used until you have it inspected by a Remington Authorized Repair Center or call the consumer service number, 1-800-243-9700, Mon.-Fri., 9:00 AM-5:00 PM Eastern Standard Time.

**WARNING!** The firearm owner and user must accept full responsibility for the correct reassembly and functioning of the firearm after the disassembly or the replacement of parts. Incorrectly assembling the firearm or the use of modified or incorrect parts can result in property damage, personal injury and/or death.

**NOTE:** Remington recommends all service and replacement of components be performed by a Remington Authorized Repair Center. If a repair or component replacement was not completed by a Remington Authorized Repair Center, we recommend that you have your firearm checked by an Authorized Repair Center to verify your firearm is operating properly and safely.

---

All rights to this instruction manual are reserved. The information in this document is subject to change without notice. Remington reserves the right to change the content herein without the obligation to notify any person or organization of such changes.

Remington®, R51®, BriteBore®, and Rem® are registered trademarks of RA Brands, L.L.C. and may not be used in any way without the express written consent of Remington. All other trademarks used herein remain the exclusive property of their respective owners. Nothing contained in this manual should be construed as granting, by implication or otherwise, any license to trademarks displayed herein. Misuse of any trademarks or any content of this manual is strictly prohibited. Remington shall aggressively enforce its intellectual property rights to the fullest extent of the law.

# MODEL R51 Series Autoloading Pistol

## Exploded View



Schematic is provided for part identification only and should not be used as a guide to assemble the firearm.

# MODEL R51 Series Autoloading Pistol

---

## Parts List

| ITEM NO. | PART NAME                  |
|----------|----------------------------|
| 1        | Slide                      |
| 2        | Front Sight                |
| 3        | Rear Sight                 |
| 4        | Action Spring              |
| 5        | Action Spring Bushing      |
| 6        | Barrel                     |
| 7        | Breech Block               |
| 8        | Extractor Pin              |
| 9        | Elastomer Extractor Button |
| 10       | Extractor                  |
| 11       | Firing Pin                 |
| 12       | Firing Pin Return Spring   |
| 13       | Hammer Strut Pin           |
| 14       | Frame Assembly             |
| 15       | Slide Stop Return Spring   |
| 16       | Slide Stop                 |
| 17       | Right Grip                 |
| 18       | Left Grip                  |
| 19       | Back Strap Pivot Pin       |
| 20       | Grip Screw (4)             |
| 21       | Grip Screw O-Ring (4)      |
| 22       | Back Strap                 |
| 23       | Magazine Assembly          |
| 24       | Strut Plunger              |
| 25       | Main Spring                |
| 26       | Main Spring End Cap        |

# HOW TO OBTAIN PARTS AND SERVICE FROM REMINGTON

## To Order Parts:

To order parts please visit Remington's website @ [www.remington.com](http://www.remington.com) or call 1-800-243-9700. For additional information on service enhancements, upgrades, repair, additional barrels, and specialty parts visit [www.remington.com](http://www.remington.com).

To place an order or for additional information on service enhancements, upgrades, and additional barrels, please call us toll free consumer service number, 1-800-243-9700, Mon.-Fri., 9:00 AM-5:00 PM Eastern Standard Time.

1. Fax completed order form (from the catalog) to 1-336-548-7711.
2. To order by phone without the order form call 1-800-243-9700.

## **Please have the following information ready before you call.**

- Firearm model and serial number.
- Part description and quantity. Part descriptions can be found on the parts listing page 31 in this manual.
- Your complete mailing address (P.O. Box and Street Address) including zip code, telephone number and e-mail address.
- Method of payment: MasterCard, Visa, Amex or Discover card number and expiration date. A quote may be made to you over the phone. (Sorry, no C.O.D.s.)

**WARNING!** Use only Remington parts in Remington's firearms.

NOTE: Some parts may be restricted. See parts list for details. Owner's manuals/instruction books may be requested via our web site at: [www.remington.com](http://www.remington.com) or by calling 1-800-243-9700.

## Repair Services:

If there is a defect with your Remington firearm that (i) you believe is, or should be, covered by the Warranty, (ii) you would like Remington to address at your cost and expense, or (iii) you would otherwise like to discuss with Remington, please contact Remington Consumer Services at 1-800-243-9700, Mon.-Fri., 9:00 AM-5:00 PM Eastern Standard Time. Please do not send your firearm or other item to Remington without first (a) calling this number, (b) receiving instructions from the Remington representative, and (c) obtaining a Service Request document containing your Service Repair Number. With regards to the Service Request document, Remington will either e-mail this document to you or, if you do not have an e-mail address, Remington will mail it to you. Please be sure to store your Service Request document in your records so that it is both safe and accessible. Finally, to the extent you seek Warranty coverage, please review the Warranty for your Remington firearm and note that you may void your Warranty by taking action without first contacting Remington.

If shipment of your firearm is required, a RMA must be obtained prior to shipment and please follow the instructions below:

- Record the serial number of your firearm before shipping.
- Pack your firearm for safety and to prevent further damage in shipping and handling. Preferably, ship in a firearms box.
- Remove all accessories from the firearm to prevent loss or damage.
- Enclose the filled out return form with your firearm. The return form can be found at [www.remington.com](http://www.remington.com) or call Remington at 1-800-243-9700 to request a copy of the form. Be sure to include your full name and address (P.O. Box and Street Address), including zip code, daytime telephone number and e-mail address.
- Place your RMA on the shipping label
- Check your government guidelines before shipping.
- Remington is not responsible for damage or loss during shipment. You may elect to purchase insurance from your carrier.

**WARNING!** Do not send live ammunition or spent shells in your firearm or in the same box with the firearm. If you feel you must send spent shells, please send them in a separate package and include your name, address (with zip code), telephone number, model and serial number of your firearm.

# Firearm Owner's Record

Model: \_\_\_\_\_

Serial No. \_\_\_\_\_

Date Purchased: \_\_\_\_\_

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

Price Paid: \_\_\_\_\_

Remember to complete and return the Firearm Warranty Registration Card (or register your firearm online at <http://www.remington.com/support/product-registration>) in order to obtain full benefit of your Limited Two Year Firearm Warranty.

This instruction manual should always accompany this firearm and be transferred with it upon change of ownership.

## A WORD ON THE MAINTENANCE AND CARE OF YOUR REMINGTON PISTOL

### Don't Alter or Modify Your R51 Pistol and Have it Serviced Regularly.

*Your firearm has been designed to operate according to certain factory specifications. You'll jeopardize your safety and that of others around you by attempting to alter its trigger, mechanical safety or other mechanisms. Never alter or modify your firearm in any way.*

*Like any mechanical device, a firearm is subject to wear. It must be maintained and periodically serviced to assure optimum safety and performance. Only a qualified service facility should service, repair or modify your Remington firearm. Consult [www.remington.com](http://www.remington.com) for the location of the nearest Authorized Remington Repair*

*Center.*

*Remington recommend that you have your firearm professionally serviced annually. You should also have your firearm professionally serviced after prolonged storage, or if there is ever any question pertaining to the proper functioning characteristics of your firearm.*

*Proper cleaning and lubrication are also important to firearm maintenance and are necessary to assure accuracy, safety and reliability. Before cleaning, always make sure that your firearm is completely unloaded. And always clean the barrel from the chamber end to the muzzle when possible.*

# Firearm Maintenance Record

[illegible]

MODEL R51 Series  
Autoloading Pistols

*Remington®*

## Replacment Instructions for Remington® R51™ Grips

**WARNING!** Make sure your firearm is completely unloaded (both the chamber and the magazine). See the “Clearing/Unloading Your Firearm” section of this manual. Performing maintenance or making adjustments on a loaded firearm may cause property damage, personal injury, and/or death.

**CAUTION!** Always wear eye protection when handling, disassembling, and reassembling the firearm. Failure to wear eye protection may cause personal injury, especially to the eye.

1. Always keep the firearm pointed in a safe direction. See *The Ten Commandments of Firearm Safety* section of the owner’s manual. For a free copy of the owner’s manual, contact Remington at 1-800-243-9700 or download a copy from the Remington website at [www.Remington.com](http://www.Remington.com).
2. Verify the firearm is completely unloaded. See the “Clearing/Unloading the Firearm” section of the owner’s manual.
3. Firmly hold the firearm with your shooting hand, while keeping the Trigger clear of contact with fingers and/or other objects.
4. Pull the Slide fully rearward with your support hand and lock the Slide in the open position by pushing the Slide Stop up, fully engaging the Slide Stop notch. See Figures 9 and 10 of the owner’s manual (and below).



FIGURE 9



FIGURE 10

5. Lay the pistol flat on its right side on a flat surface.
6. Using a T-10 Torx Wrench, unscrew (counterclockwise) the two Grip Screws. Take care not to lose the Grip Screw O-Rings on each of the Grip Screws.
7. Carefully examine each of the Grip Screw O-Rings for wear and/or damage, such as tears. If the Grip Screw O-Rings are damaged, they should be replaced before reassembling the pistol.  
**NOTE:** Worn, missing or damaged O-Rings may allow the Grip Screws to loosen with use.
8. Remove the left Grip by gently lifting up on the Grip with a flat tool taking care not to damage the frame.

Continued on reverse

9. Verify the Grip Safety Upper Pin is present. See Figures A and B.



10. Set the new Grip in place ensuring it is fully seated into the recess in the frame.
11. Ensure the Grip Screw O-Rings are fully seated on the Grip Screws.
12. Secure the Grip to the frame by inserting and then tightening (clock-wise) the Grip Screws. Tighten the Grip Screws to a torque of 5 - 7 in-lb. Do not over-tighten.
13. Lay the pistol flat on its left side on a flat surface and repeat steps 6 through 12 for the Grip on the shooter's right side of the frame.
14. Once both grips are mounted securely, verify the firearm functions properly. See the "Function Testing the Firearm" section of the owner's manual. Ensure the trigger cannot be pulled without depression of the grip safety.

**WARNING – The Grip Safety will not function if the Grip Safety Upper Pin is absent and may allow the pistol to be fired without depression of the grip safety. Depressing the Grip Safety without the Grip Safety Upper Pin in place and without a magazine installed may allow the Grip Safety to be pushed into the magazine well. In this condition, forcing a magazine into the magazine well could cause the hammer to be released. If a round is present in the chamber, it could be discharged without the trigger being pulled. Therefore, ensure that the Grip Safety Upper Pin is in place before placing each grip onto the frame. Failure to ensure the Grip Safety Upper Pin is present prior to installing the Grips may prevent the Grip Safety from operating properly or create the potential for an accidental hammer release that could result in property damage, personal injury, and/or death.**

© 2017 Remington Arms Company, LLC

Remington and R51 are trademarks of RA Brands, L.L.C. All other trademarks used herein remain the exclusive property of their respective owners.