PM052

## INSTRUCTION MANUAL FOR







## – RUGGED, RELIABLE FIREARMS<sup>®</sup> –



READ THE INSTRUCTIONS AND WARNINGS IN THIS MANUAL CAREFULLY BEFORE USING THIS FIREARM

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#### For Service on This Model Please Call: (336) 949-5200 (See p. 27)

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

WWW.RUGER.COM

## State-By-State Warnings

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

## California:

## WARNING

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

## 

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

## **Connecticut:**

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

## Florida:

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

## <u>Maine:</u>

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

## Maryland:

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

### Massachusetts:

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

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

### New Jersey:

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

### New York City:

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

## North Carolina:

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

## Texas:

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

## Wisconsin:

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

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

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

This Instruction Manual is designed to assist you in learning how to use and care for your RUGER<sup>®</sup> SP101<sup>®</sup> revolver properly. Please contact us if you have any questions.

Only when you are certain you fully understand the manual and can properly carry out its instructions should you practice loading, unloading, etc. with live ammunition. If you have any doubts about your ability to handle or use a particular type of gun safely, you should seek supervised instruction. Such personalized instruction often is available from local gun retailers, gun clubs or police departments. If none of these sources can help visit <u>www.nra.org</u> or write to the following address:

> National Rifle Association 11250 Waples Mill Road Fairfax, VA 22030-7400

The person possessing a gun has a full-time job. You cannot guess; You cannot forget; You must know how to use your firearm safely. Do not use any firearm without having a complete understanding of its particular characteristics and safe use. Remember: There is no such thing as a foolproof gun.

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## WARNINGS OF GREAT IMPORTANCE ARE FOUND ON THE FOLLOWING PAGES:

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#### OTHER CAUTIONS AND WARNINGS APPEAR THROUGHOUT THE MANUAL.

## NOMENCLATURE



## LOCKING DEVICE Installation instructions



It is important to use the locking device on your Ruger® firearm!

Keep the muzzle pointed in a safe direction and your fingers outside the trigger guard at all times!

#### To Install the Factory-Supplied Locking Device:

- 1. Be sure the firearm is completely unloaded and contains no cartridges or cartridge cases!
- 2. Completely swing out the cylinder.

3. For large caliber SP101<sup>®</sup> revolvers, insert the cable through the cylinder as shown in Figure 3.

For .22 caliber SP101<sup>®</sup> revolvers, insert the cable through the cylinder frame and trigger guard (behind the trigger) as shown in Figure 4. Do not insert the cable directly into the trigger guard in front of the trigger! Only insert the cable as shown in Figure 4.

- 4. To lock: With the key turned to the farthest clockwise position, insert the loose end of the cable into the lock. Turn the key counterclockwise and remove the key.
- 5. Once the lock is securely closed, pull firmly on the lock to test the connection and be sure it is locked. Do not leave or store your firearm with the key in the lock! Store your locked, unloaded firearm and the key in secure, separate locations, away from ammunition, children, and unauthorized adults.



Correct Installation of Lock For Ruger<sup>®</sup> .327, .38 & .357 cal. SP101<sup>®</sup> Revolvers <u>Onl</u>y



Correct Installation of Lock For Ruger<sup>®</sup> 22 cal. SP101<sup>®</sup> Revolvers <u>Only</u>

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

## WARNING-ALTERATIONS



This product was designed to function properly in its original condition. Alterations can make it unsafe. Do not alter any part or add or substitute parts or accessories not made by Sturm, Ruger & Co., Inc.

DO NOT ALTER ANY GUN

## GENERAL INFORMATION AND MECHANICAL CHARACTERISTICS

The RUGER® SP101® revolver is a double-action firearm which embodies many features found in the famous RUGER® GP100® and RUGER® SUPER REDHAWK® revolvers. The unique frame extension permits the use of full wraparound style grips of any desired configuration. This feature reduces overall weight and contributes to a desirable muzzle of heaviness. The crane and cylinder assembly of the SP101 revolver lock directly into the frame, both at the rear of the cylinder and at the front of the crane. The ejector serves only as an ejector – it does not rotate with the cylinder. All of this mechanism is readily removable without tools and dismantles, along with the cylinder/crane group, into a small number of subassemblies for inspection and cleaning (See Figure 2, p. 7). The internal parts are installed either through the top or bottom of the grip-frame; therefore, no side plate is needed. The resulting double solid frame contributes greatly to the extraordinary strength and reliability of these revolvers.

The RUGER<sup>®</sup> SP101<sup>®</sup> revolver has a transfer bar which is connected directly to the trigger. The transfer-bar safety system provides that the hammer blow can be transmitted to the firing pin only when the trigger is pulled all the way to the rear. This is a positive internal safety feature.

Despite their many highly desirable features, Ruger revolvers—as with all firearms must at all times be handled with strict attention to correct safety practices, and be inspected frequently to assure the gun is working properly.

## WARNING – LEAD EXPOSURE



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

#### SHOOTING OR CLEANING GUNS MAY EXPOSE YOU TO LEAD

## AMMUNITION

**RUGER**<sup>®</sup> **SP101**<sup>®</sup> revolvers are designed for use with cartridges of the correct caliber which are manufactured in accordance with the U.S. Industry Standards. Be certain to use proper cartridges of the correct caliber. See page 23 ("Care and Cleaning") for important information on chamber cleaning.

Please refer to the Notes below regarding proper ammunition for the available  $SP101^{\circ}$  calibers.

Notes on Caliber 38 Special: 38 Special caliber revolvers are designed specifically for modern higher-powered factory loaded cartridges, including 38 Special and 38 Special +P ammunition.

Notes on .357 Magnum caliber: This revolver is designed to fire factory loaded 357 Mag, 38 Spl and 38 Spl +P ammunition.

Special Ammunition Notice for 357 Revolvers marked "125 GR. BULLET" only: Some revolvers have slightly shorter cylinders and frames and are therefore limited to the use of 357 Magnum ammunition with a maximum bullet weight of 125 grains and an overall loaded cartridge length of not more than 1.57 inches. These revolvers are roll-marked with "125 GR.BULLET" on the right side of the barrel.

Ammunition containing heavier bullets or of a longer length may not permit the cylinder to close or rotate! You may not even be able to fire the revolver if you try to use longer or heavier bullets. Be sure the ammunition you wish to use in the revolver will chamber freely, and will permit the cylinder to open, close and rotate readily. Do not assume any ammunition will work without checking it first.

All other .357 SP101<sup>®</sup> revolvers can use all standard factory .357 loads.

Notes on 22 Long Rifle: The .22 cal. model is an eight-shot double-action revolver chambered for the .22 Long Rifle cartridge. The 22 Short, 22 Long and 22 shot cartridges can also be fired from this model. It should be noted that extensive use of the 22 Short cartridge can cause a "ring" to be cut in each cylinder chamber which may interfere with the extraction of Long and Long Rifle Cartridges.

**NOTE:** Rimfire ammunition manufacturers use different types of brass for their cases and different lubricants on their bullets. As a result of these variations, some rimfire ammunition can cause extraction issues in double-action revolvers. If a particular type of rimfire ammunition is causing extraction problems, then first clean the gun in accordance with the "Care and Cleaning" section, p. 23. If extraction issues persist, then try another brand or type of rimfire ammunition.

Notes on Caliber 327 Federal Magnum: This six-shot SP101<sup>®</sup> chambered for the caliber 327 Fed Mag cartridge will also chamber the 32 H&R, 32 S&W and the 32 S&W Long cartridge. The use of other than 327 Federal Magnum cartridges, may, in some loadings, result in unsatisfactory accuracy.

For reasons noted above, revolver chambers should be cleaned regularly and chamber cleaning should be the first corrective action when cartridges of the correct caliber and type do not chamber properly.

## AMMUNITION (CARTRIDGES) NOTICE

WE SPECIFICALLY DISCLAIM RESPONSIBILITY FOR ANY DAMAGE OR INJURY WHATSOEVER OCCURRING IN CONNECTION WITH, OR AS THE RESULT OF, THE USE IN THE SP101 REVOLVER OF FAULTY, OR NON-STANDARD, OR "RE-MANUFACTURED", OR HAND LOADED (RELOADED) AMMUNITION, OR OF CARTRIDGES OTHER THAN THOSE FOR WHICH THE FIREARM WAS ORIGINALLY CHAMBERED.





Death, serious injury, and damage can result from the wrong ammunition, bore obstructions, powder overloads or incorrect cartridge components. <u>Always</u> wear shooting glasses and hearing protection.

IMPROPER AMMUNITION DESTROYS GUNS

### OPERATION OF "Double-action only " Revolvers

(This section applies only to "Double-Action Only" revolvers, identified by their lack of a hammer spur)

The model you have selected is equipped with a special trigger mechanism that permits only "double-action" firing. The hammer cannot be manually cocked, since there is no full cock notch or hammer spur. The revolver can only be fired by a relatively long ("double-action") pull of the trigger which draws the hammer rearward and then releases it to fire every shot.

It is important to note that the mechanism of the gun will not permit another shot to be fired unless the trigger is first fully released and then pulled again.

The revolver has an internal transfer bar that will not allow the hammer to contact the firing pin and fire the gun until the operator completely pulls the trigger.

## WARNING – DOUBLE-ACTION ONLY



Do not attempt to manually cock the hammer! Since there is no fullcock notch, the hammer will fall forward when released, and if finger pressure is applied to the trigger, the revolver can fire. The automatic safeties that prevent firing if the hammer falls are deactivated if the trigger is pulled. Do not touch the trigger unless you intend to shoot the revolver!

DO NOT COCK HAMMER

**CAUTION:** When firing the double-action only revolver, be sure that the trigger is released completely to its fully forward position before attempting to pull the trigger for a subsequent shot. If the trigger finger is allowed to interfere with the full recovery of the trigger (preventing it from moving through about the last one-eighth inch of its forward movement), pulling the trigger will not fire the revolver. The trigger must be fully released after each shot is fired. This characteristic is found on all modern double-action revolvers and "double-action only" pistols.

## HANDLING

**CARRYING:** The **SP101**<sup>®</sup> revolver can be carried with all chambers loaded. When the hammer and trigger are fully forward, the transfer-bar is lowered out of its firing position and the hammer rests directly on the frame.



## DRY-FIRING

"Dry Firing" is practicing the trigger pull of the empty revolver for practice and familiarity. The SP101<sup>®</sup> revolver can be dry-fired without damage to the firing pin or internal components.

Be sure that the revolver is unloaded before handling. Be sure of your bullet stop, even when dry-firing for practice. Do not dry-fire the revolver with the plastic 'safety disc' on the cylinder.

## TO LOAD AND FIRE

## BE SURE THE REVOLVER IS POINTED IN A SAFE DIRECTION AND IS NEVER COCKED WHILE LOADING.

- 1. Press the crane latch and guide cylinder out of frame to the left to its loading position (see Figure 5).
- 2. Insert cartridges and gently close cylinder, making sure it is securely latched. Do not "flip" the cylinder open or shut.

NOTE: The revolver has a cylinder latch that locks the rotation of the cylinder before a shot is fired. This cylinder latch rides on the outside circumference of the cylinder where the stop notches are cut in the cylinder. The cylinder latch is designed to leave a line around the outside of the cylinder between the notches. This is normal and is an indication that your revolver is funtioning properly.



LOADING THE REVOLVER.



3. The revolver is now ready to fire, either "double-action" by pulling the trigger through its complete arc for each shot, or "single-action" by cocking the hammer and then pulling the trigger for each shot. The trigger pull is somewhat shorter and lighter when the revolver is fired single action, and this is the preferred mode for precise shots or target shooting.

## CAUTION-DOUBLE-ACTION FIRING



When firing in the double action mode, be sure that the trigger is released completely to its fully forward position before pulling the trigger for a subsequent shot. If the trigger finger is allowed to interfere with the full recovery of the trigger (preventing it from moving thru about the last oneeighth inch of its forward movement), the trigger cannot be pulled again for another discharge. The trigger must be fully released after each shot is fired. This characteristic is found in all modern double-action revolvers and "double-action only" pistols.

### FULLY RELEASE TRIGGER BETWEEN SHOTS

5. DO NOT HOLD THE REVOLVER BY THE BARREL OR CYLINDER WHEN FIRING.

G-FIRING
When firing the SP101 revolver, be sure all persons are a safe distance to the rear of the shooter. When fired, all revolvers discharge hot gas and particles of lead, powder grains, or lubricant through the clearance gap between the cylinder and the rear of the barrel at high speed. This can injure a person who is standing too close to the revolver.
When firing the SP101 revolver (or any revolver), always be certain that nothing – including your hands – is in the path of the hot gas and particles which are discharged from the front and sides of the cylinder.
When shooting, adequate eye protection is essential. Shooters and bystanders must wear shooting glasses. Hearing protection must also be worn. Exposure to shooting noise can damage hearing.
HOT GASES EXIT BARREL/CYLINDER GAP

## TO UNCOCK (DECOCK) THE REVOLVER

If your revolver is cocked, and you wish to let the hammer down to its forward position (against the frame), proceed as follows: USE EXTREME CARE WHEN ATTEMPTING TO DECOCK THE REVOLVER, AS THE THUMB SLIPPING DURING THIS PROCESS CAN RESULT IN AN ACCIDENTAL DISCHARGE IF THE TRIGGER IS HELD TO THE REAR.

- 1. Make certain that the revolver is pointed in a safe direction (see Rule 2, Page 35).
- 2. Make certain both hands are dry and not impeded in any way gloves, bandages, cold, etc.
- 3. Grasp the revolver (if right handed) so that the thumb and forefinger of your left hand are firmly holding the frame, forward of the trigger guard. Thus, your left hand is in full control of the revolver (see Figure 6A, p. 18).
- 4. Place your right thumb firmly on the hammer spur and, with your thumb securely in control of the hammer, squeeze the trigger only enough to permit the hammer to 'break free' of the trigger. At that instant, IMMEDIATELY RELEASE THE TRIGGER and then slowly permit the hammer, STILL SECURE UNDER YOUR THUMB, to move fully forward to its resting position against the frame. NOTE: It is imperative that finger pressure be removed from the trigger just as soon as it is free of the hammer. Then, properly, the trigger and hammer will move towards their fully forward rest positions together (see Figure 6B, p. 18).

Practice this important gun handling skill with an unloaded revolver until you have developed the proper control and 'touch' to decock your revolver safely. The key to safe decocking is having the weight of the revolver controlled with one hand, while the thumb and forefinger of the 'shooting' hand' control the hammer and trigger. Improperly restraining the trigger during this procedure may result in the hammer not resting fully against the frame. If this should occur, carefully repeat the procedure for decocking, steps 1–4 again.



## UNCOCKING THE REVOLVER



A. With the thumb controlling the hammer as shown (1), squeeze trigger to permit hammer to 'break free' (2).

B. When hammer is free, IMMEDIATELY release trigger (3). Then lower hammer slowly to its resting position completely down against frame (4).

## TO UNLOAD OR EJECT CARTRIDGE CASES

#### KEEP THE REVOLVER POINTED IN A SAFE DIRECTION! Do not attempt to unload when the hammer is cocked.

- 1. Uncock the revolver. (See pp. 17 18.)
- 2. Press crane latch. Guide cylinder out left of frame as for loading. The revolver now cannot be fired.
- 3. Push head of ejector rod smartly toward rear of cylinder until it stops. This action will extract cartridges or fired cases. Do not eject live cartridges onto any surface where a primer might strike a solid object and discharge the cartridge.
- 4. Check to be sure all chambers are empty.

NOTE: When ejecting fired cartridge cases, position the revolver at a high angle so the cases will come fully out of the chambers and not slip under the ejector. This high angle positioning is not necessary when ejecting unfired cartridges.





## WARNING – DISASSEMBLY

struck.



Always unload a firearm before cleaning, lubrication, disassembly or assembly. Never remove or install a loaded cylinder – it can fire if dropped or

#### UNLOAD BEFORE CLEANING

## DISASSEMBLY

#### READ INSTRUCTIONS BEFORE DISASSEMBLING A GUN.

An on-line video demonstrating the disassembly and reassembly of the doubleaction revolvers can be viewed by going to **Ruger.com/TechTips**.

#### 1. BE CERTAIN THE REVOLVER IS UNLOADED BEFORE DISASSEMBLY.



2. Using a properly fitting screwdriver, remove grip screw. Remove pistol grip inserts from grips. Grip panel locator may then be removed. Pull grip downward off frame. Take care not to lose the disassembly pin, which may fall free when the grip is removed.

3. Cock the hammer. Insert disassembly pin about one half its length into the hole at the rear of the mainspring strut. Lacking a

disassembly pin, any similar instrument will serve (see Figure 7).

4. With thumb on hammer spur, squeeze trigger allowing hammer to go fully forward. Lift out mainspring assembly. CAUTION: Do not remove the

disassembly pin until the mainspring assembly is reinstalled in the revolver at the time of reassembly. Doing so will permit the mainspring to fly off its strut with great force and may cause injury.

5. Pull trigger and remove hammer pivot while holding trigger in a rearward position. Lift hammer out of the top of the frame while trigger is held in a rearward position (see Figure 8).



6. Use mainspring assembly to depress trigger guard lock plunger located inside frame at rear of trigger guard. Simultaneously pull down and remove trigger guard assembly (See Figure 9 & 10).



NOTE: If you cannot supply sufficient force to the plunger using the mainspring assembly as a "tool", then use a screwdriver of appropriate size and insert through hole in frame. It may be necessary to slightly depress the trigger while removing the trigger guard assembly.

- 7. Cradle the revolver frame in your left hand and with the thumb of your right hand press cylinder latch button, swing out cylinder assembly and remove it forward from the frame.
- 8. Further disassembly is not essential for normal cleaning purposes. Any further disassembly should only be undertaken by factory service personnel.

### REASSEMBLY AGAIN, BE CERTAIN REVOLVER IS UNLOADED!

Before starting reassembly, be certain that all components and the inside of the frame are thoroughly clean. In particular the tongue on the front of the trigger guard and its mating recess in the frame must be completely clean.

- 1. Replace cylinder and crane assembly in frame and close cylinder.
- 2. Hook front of trigger guard into recess in frame (see Figure 9, p. 21). Align pawl in its recess in the frame and be sure transfer bar is in correct position in frame then allow latch to re-engage. If solid resistance is felt when swinging trigger guard into frame, or if trigger guard will not lock into position re-check position of pawl and transfer bar (see Figure 11).



Figure 11

NOTE: At this point in reassembly trigger should function to rotate and lock the cylinder. Pull the trigger a few times, to check proper functioning, <u>as always with</u> the revolver pointed in a safe direction.

- 3. Hold trigger in its rearward position and insert hammer into frame. Install hammer pivot. Release trigger and permit hammer to go fully forward.
- 4. With hammer forward, insert mainspring assembly into frame. Position the two ends of notch in the mainspring seat onto the matching projections of the grip frame. (Note: The large notch in the mainspring seat should be forward to allow clearance for the grip screw.) Hold mainspring assembly in position and cock hammer. It may be necessary to move the mainspring assembly a little to properly position the upper end of the mainspring strut to rest in recess in the hammer. When the hammer is cocked, disassembly pin can be removed (It will fall free).
- 5. Squeeze trigger and ease hammer down. Put the disassembly pin in its "nest." Push grip upward onto the frame, install grip panel locator and place pistol inserts into position. Install and tighten grip panel screw.
- 6. Open and close cylinder. Function the trigger and hammer single action and double action to be certain that all parts are working properly.

## CARE AND CLEANING

## ALWAYS BE CERTAIN THE REVOLVER IS UNLOADED BEFORE CLEANING.

An on-line video demonstrating the proper cleaning procedure of the doubleaction revolvers can be viewed by going to **Ruger.com/TechTips**.

The internal mechanism of the SP101<sup>®</sup> revolver can be lubricated without disassembly. A few drops of light oil recommended as suitable for firearms, applied periodically about the various frame openings, will work its way into the mechanism parts. The exterior of the revolver and the bore and chambers should be thoroughly cleaned and then wiped with an oily cloth if the gun is to be stored. Do not apply excess lubrication.

To clean the revolver after firing, swing the cylinder out and clean the barrel from the muzzle by running a cleaning rod with a solvent coated patch through the bore several times. A bronze wire brush (of correct size for gun caliber) attached to the cleaning rod should then be pushed the full length of the bore several times. Again swab the bore with a solvent coated patch. Then wipe the rod clean and, using a dry patch, swab the bore until it is clean. Examine the bore to be sure that no fouling remains. Repeat the above procedure for each of the five chambers.



Chambers must be thoroughly scrubbed to remove build-up of bullet metal and firing residue. A dirty chamber can prevent full seating of a cartridge, which in turn causes the cylinder to bind. DO NOT APPLY EXCESSIVE OIL TO UNDERSIDE OF EJECTOR – AREA SHOULD BE WIPED DRY WITH OILY CLOTH. Also, the underside of the ejector ('star') and the area of the cylinder where the ejector seats, must be cleaned. Dirt and combustion by-products can prevent the ejector from fully seating. That condition can cause hard closing of the cylinder and interfere with proper cylinder rotation.

If lead bullet loads are fired extensively, lead build-up may cause cylinder binding. Lubricate the cylinder crane gap with Break-Free<sup>®</sup> CLP or some other lubrication which meets mil. spec. Mil-1-63460 to prevent this condition.

### STORAGE GUNS SHOULD NOT BE STORED LOADED!

#### USE THE LOCKING DEVICE SUPPLIED WITH THE REVOLVER TO RENDER IT INOPERATIVE FOR SAFE STORAGE. (See Page 8)

*Do not* keep the revolver in a leather, fabric or canvas holster when it is stored. These materials attract moisture, even though the holster may appear to be perfectly dry.



## CARE OF STAINLESS STEEL REVOLVERS

Revolvers made of stainless steel are more resistant to corrosion than blued steel revolvers. However, in the interest of proper operation and long life of your revolver, inspect it frequently and clean, lubricate and apply an appropriate rust preventative.

Sometimes surface discoloration may be noted, particularly in the grip area of stainless steel revolvers, resulting from perspiration. Contact with some types of holsters can also cause stains or rusting. Rusting may also occur as a result of the revolver being exposed to moisture, humidity, salt air or chemicals.

Minor discoloration can usually be removed by rubbing the stained area with an abrasive ink eraser, crocus cloth, or a "metal polishing" compound. When using any of these abrasives, proceed with care and use light pressure to achieve a blending of 'color' with those areas that are not discolored.

External surfaces of the barrel, frame and cylinder should be cleaned and wiped dry after use or after exposure to adverse conditions. If the revolver is to be stored, coat it with a light film of oil or preservative. Where the revolver is in continuing use, and the presence of oil or grease would be objectionable, then the external surface can be coated (after cleaning and drying) with a paste wax formulated for use on metals. Apply the wax sparingly, allow time for it to dry hard, then buff lightly with a soft cloth. When applying the wax take care that it does not get into the mechanism or on the functioning parts such as the hammer, trigger, crane latch, etc. A properly applied hard wax coating will not interfere with gun handling, and it will provide a measure of protection.

### SIGHTS 38 Spl & 357 Mag

The SP101 38 Spl & certain 357 Mag revolvers are provided with fixed sights. To change the front sight, drive out the pin in the barrel rib with a small punch and lift out sight blade.



**Rear sight** 



Suggested sight picture

Top of front sight even with top of rear sight. Front sight centered in notch of rear sight. Target bullseye centered on top of front sight.

## ADJUSTABLE REAR SIGHT (On Revolvers So Equipped)

Some SP101<sup>®</sup> revolvers are equipped with a Hi-Viz<sup>®</sup> front sight, and a rear sight that is adjustable for windage and elevation.

**NOTE:** Each click of the rear sight adjustment screws (either windage or elevation) will move the point of bullet impact approximately 3/4" at a distance of 25 yards. Move the rear sight in the direction you desire the bullet to move on the target.



To <u>raise</u> point of impact: turn screw <u>counterclockwise</u>.

To <u>lower</u> point of impact: turn screw <u>clockwise</u>.



To move the point of impact to the <u>right</u>: turn screw <u>counterclockwise</u>.

To move the point of impact to the <u>left</u>: turn screw <u>clockwise</u>.

## SIGHT ADJUSTMENTS

#### (These Instructions Apply to .327 Fed. Mag. SP101<sup>®</sup> Revolvers Manufactured From 2008 Through 2012)

The SP101<sup>®</sup> .327 Fed Mag revolver is equipped with sights adjustable for windage. Each click of the rear sight adjustment screw will move the point of bullet impact approximately 1/2" on the target at 25 yards using a 4" barrel length.

To move the point of impact to the right: Turn the click screw counterclockwise.

To move the point of impact to the left: Turn the click screw clockwise.

## SERVICE AND PARTS POLICY

If you have any questions with regard to the performance of your RUGER® SP101® revolver please write or call (336-949-5200) our Customer Service Department in Newport, New Hampshire 03773, fully describing all circumstances and conditions involved. If you should return your revolver to the factory for repair, or order parts for it, please comply with the following suggestions for prompt service:



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

## SHIPPING FIREARMS FOR REPAIR

RUGER<sup>®</sup> SP101<sup>®</sup> revolvers returned to the factory for repair should be sent to: Sturm, Ruger & Company, Inc., Customer Service Department, 411 Sunapee St., Newport, New Hampshire 03773. <u>NOTE:</u> You must obtain a Repair Authorization Number before returning your firearm. An authorization number can be obtained by contacting Customer Service online at www.ruger.com or calling the Customer Service Dept. at 336-949-5200. Guns should be sent prepaid. <u>We will not accept</u> <u>collect shipments</u>.

The Federal Gun Control Act, as well as the laws of most states and localities, do not prohibit an individual (who is not otherwise barred from purchasing or possessing a firearm) from shipping a firearm directly to the manufacturer for repair. However, before you ship your revolver to us, be certain that your state or locality does not have a law or regulation which will prohibit you from receiving the revolver from us after it has been repaired. If such receiving is prohibited, then please have a federally licensed firearms dealer ship the gun to us. If your revolver is sent to us by a dealer, it will be returned to that dealer after being repaired. If a handgun (pistol or revolver) is shipped by an individual who does not hold a Federal Firearms License, it must be shipped for overnight delivery via U.P.S., Federal Express or other, similar private overnight service, NOTE: Handguns may not be shipped via U.S. Mail. Persons who do not hold a Federal Firearms License are prohibited by Federal law from shipping a handgun by Mail. Handguns mailed in violation of the law are impounded by the Post Office. DO NOT SEND GUN BOXES OR LITERATURE THAT YOU CONSIDER TO BE COLLECTOR'S ITEMS - THESE ARE INVARIABLY DAMAGED OR DESTROYED IN SHIPMENT. Please do not include holster, grip panels, or other accessories with a firearm being shipped to the factory for service. Always insure your shipment.

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

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



## ORDERING PARTS

Please contact the New Hampshire Customer Service Department for parts availability and current prices. All parts orders for the **RUGER®** SP101® revolvers should be sent to: Sturm, Ruger & Co., Inc., Customer Service Department, 411 Sunapee Street, Newport, New Hampshire 03773, 336-949-5200. We cannot comply with open account or C.O.D. orders. Payment in full via credit card (Visa or MasterCard only), money order or certified bank check (no personal checks or cash, please) is required before any service will be performed. Please provide your credit card number, your name as it appears on the credit card, the expiration date, and the 3-digit security code. All parts orders are subject to a minimum charge and charges for shipping and handling. Order parts by **Part Name and specify the model and entire serial number** of the firearm for which the parts are being ordered. There is a minimum labor charge plus a shipping and handling charge if the parts are factory fitted. All factory fitted parts are fit on an exchange basis only. We will not return the replaced parts. Please contact the Customer Service Department for pricing information.

Barrels, cylinders, cylinder/crane assemblies and a number of other component parts must be fitted at the factory. Company policy is to proof-test and/or function fire all barrels after fitting to the frames in which they are to be used. This procedure ensures maximum protection to our customers. The special proof-test ammunition used in this testing is sold only to bonafide firearms manufacturers and is not available to gun shops, gunsmiths or individuals.

Because the frame of the RUGER<sup>®</sup> SP101<sup>®</sup> revolver is a serial numbered component, it is defined as a "firearm" by Federal law and is not sold as a separate component.

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



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

### RUGER<sup>®</sup> SP101<sup>®</sup> REVOLVER PARTS LIST

Design, prices and specifications subject to change without notice.

SPECIFY MODEL, CALIBER AND SERIAL NO. WHEN ORDERING

(See Exploded View on Page 31)

Ke	y No.	Part Name
*	1	Hammer Assembly
	2	Hammer Pivot Pin Assembly
	3	Hammer Dog, Crane, & Front Latch Spring
	4	Pawl Plunger
*	5	Hammer Dog
	6	Hammer Dog Pivot Pin
	7	Hammer Strut
	8	Hammer Strut Mainspring
	9	Hammer Strut Mainspring Seat
*	10	Trigger Assembly
	11	Trigger Plunger
	12	Pawl Plunger Spring
*	13	Pawl
	14	Trigger Link
	15	Trigger Link Pin
	16	Transfer Bar
*	17	Trigger Guard
*	18	Crane Pivot Lock
*	19	Crane Pivot Lock Spring
	20	Cylinder Latch Pivot
	21	Pawl Spring Plunger
	22	Trigger Pivot Pin
	23	Trigger Link Plunger
	24	Trigger Guard Latch Spring
	25	Trigger Guard Latch
	26	Cylinder Latch
*	27	Ejector Retainer
	28	Ejector Spring
	29	Center Pin Spring
	30	Center Pin Rod
	31	Center Pin Lock
*	32	Cylinder
*	33	Ejector
*	34	Crane & Crane Pivot Assembly
	35	Front Latch
	36	Front Latch Pivot Pin
	37	Front Latch Pivot Lock Spring
	38	Front Latch Pivot Lock
	39	Front Latch Spring Plunger

\* PARTS SO MARKED MUST BE FACTORY FIT

Ke	y No.	Part Name
	40	Ejector Rod
	41	Firing Pin Plug
	42	Firing Pin Spring
*	43	Firing Pin
*	44	Crane Latch
*	45	Crane Latch Pivot
*	46	Barrel
	47	Front Sight
	48	Front Sight Cross Pin
	49	Rear Sight Blade
	50	Rear Sight Windage Spring
	51	Rear Sight Windage Screw
	52	Grip Panel Locator
	53	Rubber Pistol Grip
	54	Disassembly Pin
	55	Grip Inserts
	56	Grip Panel Screw

# SP101° ~ 6-Shot ~ 327 Federal Magnum supplemental parts list and exploded View

Key No.	Part Name
* 32	Cylinder, 6-shot, 327 Fed Mag
* 33	Ejector
* 46	Barrel, 327 Fed Mag







#### SP101° ~ 5-Shot ~ 357 Magnum supplemental parts list and exploded View

Key No.	Part Name
* 46	Barrel
47	Front Sight, HiViz®
49	Rear Sight Blade
49a	Rear Sight Base
49b	Rear Sight Elevation Screw
49c	Rear Sight Elevation Spring, 2 Req'd
49d	Rear Sight Cross Pin
50	Rear Sight Windage Spring
51	Rear Sight Windage Screw
55	Grip Inserts
56	Grip Panel Screw

\* PARTS SO MARKED MUST BE FACTORY FIT



### SP101° ~ 8-Shot ~ 22 Long Rifle supplemental parts list and exploded View

Key	y No.	Part Name
8		Hammer Strut Mainspring
	16	Transfer Bar
*	32	Cylinder, 8-shot 22 LR
*	33	Ejector
*	43	Firing Pin
*	46	Barrel, 22 LR
	47	Front Sight, Hi-Viz®
	49	Rear Sight Blade
	49a	Rear Sight Base
	49b	Rear Sight Elevation Screw
	49c	Rear Sight Elevation Spring, 2 Req'd
	49d	Rear Sight Cross Pin
	50	Rear Sight Windage Spring
	51	Rear Sight Windage Screw
	55	Grip Inserts
	56	Grip Panel Screw

#### \* PARTS SO MARKED MUST BE FACTORY FIT



## THE BASIC RULES OF SAFE FIREARMS HANDLING

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

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

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

#### 1. LEARN THE MECHANICAL AND HANDLING Characteristics of the firearm you are using.





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

#### 2. ALWAYS KEEP THE Muzzle pointed in a Safe direction.

Be sure of the bullet stop behind your target, even when dry-firing. Never let the muzzle of a firearm point at any part of your body or at another person. This is particularly important when loading or unloading a firearm. In the event of an accidental discharge, no injury can occur as long as the muzzle is pointing in a safe direction. A safe direction means a direction that will not permit a discharged bullet to strike a person, or to strike an object from which the bullet may ricochet. A safe direction must take into account the fact that a bullet may penetrate a wall, ceiling, floor, window, etc., and strike a person or damage property. Make it a habit to know exactly where the muzzle of your gun is pointing whenever you handle it, and be sure that you are always in control of the direction in which the muzzle is pointing, even if you fall or stumble. Keep your finger off the trigger until you are ready to shoot!

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



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

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

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

Even a bit of mud, snow or excess lubricating oil or grease in the bore may cause the barrel to bulge, or even burst on firing, and can cause serious injury to the shooter and bystanders. Be sure that you are using ammunition of the proper caliber and loading for the gun you are using. If the report or recoil on firing seems weak, or doesn't seem quite right, CEASE FIRING IMMEDIATELY, unload your firearm, and check to be sure that no obstruction has become lodged in the barrel.





#### 5. BE SURE OF YOUR TARGET BEFORE YOU Shoot.

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

#### 6. WEAR SHOOTING Glasses and hearing Protection when You shoot.

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





#### 7. NEVER CLIMB A TREE or fence with a loaded firearm.

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

#### 8. DON'T SHOOT AT A Hard Surface or At Water.

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





## 9. NEVER TRANSPORT A LOADED FIREARM.

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

#### 10. AVOID ALCOHOLIC Beverages when Shooting.

Don't drink until the day's shooting is over. Handling firearms while under the influence of alcohol in any form, or medications that could affect your judgment or coordination, constitutes a criminal disregard for the safety of others.



### A BRIEF ACCOUNT OF AN EXTRAORDINARY Achievement: Ruger® FireArms

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

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

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

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

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

The firearms catalog, and instruction manuals for all Ruger<sup>®</sup> firearms, can be downloaded from our website at:

#### www.ruger.com

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

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



## STURM, RUGER & COMPANY, INC. 411 Sunapee Street Newport, New Hampshire 03773 U.S.A. WWW.RUGER.COM

### ARMS MAKERS FOR RESPONSIBLE CITIZENS®

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

The Following are Sturm, Ruger & Co., Inc. Trademarks: "BX-Trigger," "Bisley," Eagle Hard "R" logo holding gun, "Elite 452," "Gold Label," "I'm a Ruger American," "LC6," "LCR-357," "LC380CA," "Mark II," "Mark III," "Match Champion," "Model 96," "P345," "P345D," "P345PR," "P85," "P90," "P91," "P93," "P94," "P95," "P97," "R.I.O.S.," "Ruger Marksman Adjustable," "Ruger 77/50," "Ruger 10/17," "Ruger Titanium," "77/357," "Single-Seven," "SR45," "SR-56C," "SR-556VT," "SR-762," "10/22-FS," "This is Ruger. This is America.," "Tri-Flex," "22 (Harger," "22/45," and "22/45 RP."

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