



FN 503™
Series

**AUTOLOADING PISTOL
OWNER'S MANUAL**

Important operating instructions for:

FN 503™ AUTOLOADING PISTOLS

If you have any questions or comments regarding your new firearm, please contact us.

FN Service Center
797 Old Clemson Rd
Columbia, SC 29229

1-800-635-1321
customerservice@fnamerica.com
www.fnamerica.com

Please use the space below to record information about your new firearm.

Model _____

Serial Number _____

Purchased From _____

Date of Purchase _____

This owner's manual has been created exclusively for the FN 503™ series of pistols.

WARNINGS AND INSTRUCTIONS ARE DIFFERENT FOR EACH TYPE OF PISTOL. IF YOUR FN PISTOL DOES NOT HAVE 503™ IN ITS NAMING CONVENTION OR IF THE APPEARANCE OF THE PISTOL DOES NOT CORRESPOND TO THE ILLUSTRATIONS IN THIS OWNER'S MANUAL CONTACT YOUR DEALER, DEPARTMENT ARMORER OR CONTACT FN DIRECTLY TO OBTAIN THE OWNER'S MANUAL THAT HAS BEEN WRITTEN SPECIFICALLY FOR YOUR PISTOL.

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1. FOREWORD

ALWAYS KEEP THIS MANUAL WITH YOUR FIREARM. INCLUDE IT WITH THE PISTOL WHEN IT CHANGES OWNERSHIP OR WHEN IT IS LOANED OR PRESENTED TO ANOTHER PERSON.

***NOTICE!* THE MANUFACTURER AND/OR ITS LOCAL OFFICIAL DISTRIBUTORS ASSUME NO RESPONSIBILITY FOR PRODUCT MALFUNCTIONS OR PHYSICAL INJURY OR PROPERTY DAMAGE IN WHOLE OR IN PART FROM THE CRIMINAL, NEGLIGENT, IMPROPER, OR CARELESS USE OR HANDLING OF THE PRODUCT; THE USE OF RELOADED, HAND-LOADED OR RE-MANUFACTURED AMMUNITION; ABUSE OR NEGLECT OF THE PRODUCT; OR OTHER INFLUENCES AND ACTIONS BEYOND FN'S DIRECT AND IMMEDIATE CONTROL.**

⚠ WARNING

ALL FIREARMS HAVE LETHAL POTENTIAL. READ THE BASIC SAFETY RULES CAREFULLY AND UNDERSTAND THEM FULLY BEFORE HANDLING THIS FIREARM.

In addition to the basic safety rules there are other safety rules pertaining to the loading, unloading, disassembly, assembly and use of this firearm located throughout this manual.

⚠ WARNING

READ THE ENTIRE MANUAL CAREFULLY BEFORE USING THIS FIREARM. MAKE SURE THAT ANY PERSON USING OR WHO HAS ACCESS TO THIS FIREARM READS AND UNDERSTANDS ALL OF THIS MANUAL BEFORE USE OR ACCESS.

⚠ WARNING

IT IS YOUR RESPONSIBILITY TO KNOW AND ABIDE BY FEDERAL, STATE AND LOCAL LAWS GOVERNING THE SALE,

TRANSPORTATION, OWNERSHIP, POSSESSION, AND USE OF FIREARMS IN YOUR AREA.

CALIFORNIA STATE WARNING, SAFETY AND WARRANTY NOTES

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.”

ADVERTENCIA

“A los niños los atraen las armas de fuego y las pueden hacer funcionar. Ellos pueden causarse lesiones graves y la muerte. Evite que los niños tengan acceso 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 cárcel.”

According to state law, California requires that firearms manufacturers, distributors and retailers include conspicuous, specific warnings with firearms sold in that state.

2. BASIC SAFETY RULES

READ THIS MANUAL BEFORE HANDLING YOUR FIREARM.

WARNING

WARNING: FIREARMS CAN BE DANGEROUS, AND CAN CAUSE SERIOUS INJURY, DAMAGE TO PROPERTY OR DEATH, IF HANDLED IMPROPERLY. THE FOLLOWING SAFETY RULES ARE IMPORTANT REMINDERS THAT AS A FIREARMS OWNER SAFETY IS YOUR RESPONSIBILITY. THERE IS NO EXCUSE FOR CARELESS OR ABUSIVE HANDLING OF ANY FIREARM. HANDLE THIS FIREARM AND ALL OTHER FIREARMS WITH RESPECT FOR THEIR POWER AND POTENTIAL DANGER AT ALL TIMES.

1. ALWAYS KEEP THE MUZZLE OF YOUR FIREARM POINTED IN A SAFE DIRECTION, EVEN IF YOU ARE CERTAIN IT IS UNLOADED.

Never point any firearm at anything you do not intend to shoot even if you are certain it is unloaded. Stay alert and be aware of all persons and property within the range of your ammunition.

2. NEVER RELY TOTALLY ON YOUR FIREARM'S MECHANICAL "SAFETY" DEVICES. LIKE ANY MECHANICAL DEVICE, A "SAFETY" CAN SOMETIMES FAIL; IT CAN BE JARRED OR INADVERTENTLY MANIPULATED INTO AN UNSAFE CONDITION.

Remember, safe gun handling does not stop with your firearm's mechanical "safety" devices, it starts there. Always treat this firearm with the respect due a loaded, ready-to-fire firearm.

The word "safety" describes a firearm's trigger block mechanism, sear block mechanism, hammer block mechanism or striker block mechanism. Mechanical "safeties" are designed to place your firearm in a safer status, and no guarantee can be made that the firearm will not fire even if the "safety" is in the on "safe" position. Mechanical "safeties" merely aid safe gun handling and are no excuse for pointing your firearm's muzzle in an unsafe direction.

Some firearms do not have a mechanical safety. Many target firearms, lever-action firearms and pistols do not have manual "safety" mechanisms. Therefore, it is critical to read and understand the owner's or operator's manual for every firearm that you use, which explains the safe operation of the firearm.

While it is a good idea to test your firearm's mechanical "safety" periodically for proper function, never test the "safety" while your firearm is loaded or pointed in an unsafe direction.

See Section 9 for instructions on the operation of this firearm's "safety" mechanisms.

3. KEEP YOUR FINGERS AWAY FROM THE TRIGGER AT ALL TIMES UNTIL SHOOTING IS IMMINENT.

4. KEEP ALL FIREARMS UNLOADED DURING TRANSPORT, EVEN WHEN STORED IN A HOLSTER, GUN CASE, SCABBARD OR OTHER CONTAINER.

For law enforcement, military personnel and authorized individuals, refer to the procedures of your organization or to the state and local laws and guidelines on carrying a loaded firearm.

5. BE SURE OF YOUR TARGET AND BACKSTOP

Clearly identify your target and what is beyond. Know the range of your ammunition and where the bullet will land if the target is missed or the bullet penetrates the target. Special care must be taken when shooting in any condition which makes identification of the target or backstop harder to assess, including low light conditions.

Never shoot at water or hard objects. Shooting at the surface of water or at rock or other hard surfaces increases the chance of ricochets or fragmentation of the bullet which can result in the bullet striking an unintended target.

6. WHENEVER YOU HANDLE ANY FIREARM, OR HAND IT TO SOMEONE, ALWAYS OPEN THE ACTION IMMEDIATELY AND VISUALLY CHECK THE FIREARM'S CHAMBER AND MAGAZINE TO MAKE CERTAIN THAT THE FIREARM IS COMPLETELY UNLOADED.

Completely unload your firearm as described in Section 6. Make certain the firearm does not inadvertently contain any ammunition. Remember, merely removing the magazine does not mean the chamber is unloaded. Always keep the chamber empty and your fingers away from the trigger unless shooting is imminent.

7. STORE YOUR FIREARM AND AMMUNITION SEPARATELY, WELL BEYOND THE REACH OF CHILDREN.

Store all firearms in secure, locked cases or a gun safe and store ammunition separately from your firearms. Keep your firearm unloaded

when not in use. Take prudent safeguards to ensure your firearm does not become available to children, untrained, inexperienced or unauthorized people. At all times, comply with local and state laws concerning the possession and storage of firearms.

8. USE ONLY THE PROPER AMMUNITION FOR YOUR FIREARM.

Use only factory-loaded, new ammunition manufactured to SAAMI or CIP specifications. Be certain that each round you use is of the proper caliber or gauge and type for the particular firearm. The caliber of the FN 503 is located on the rear of the barrel and is visible through the ejection port. The use of reloaded or remanufactured ammunition increases the likelihood of case head ruptures or other defects in the ammunition that can cause damage to your firearm and serious injury to yourself or others nearby.

9. PROPERLY MAINTAIN YOUR FIREARM, PRACTICE PERIODIC MAINTENANCE AND AVOID UNAUTHORIZED SERVICING.

Store and carry your firearm so debris does not accumulate in the working parts. Clean and oil your firearm following the instructions provided in this manual after each use to prevent corrosion damage or accumulation of debris. Make sure that no obstructions remain in the barrel. Firing the pistol with an obstruction in the barrel can cause extensive damage to your firearm and serious injury to yourself and others.

DO NOT, UNDER ANY CIRCUMSTANCES, ALTER THE TRIGGER, SAFETY OR OTHER PARTS OF THE FIRING MECHANISM OF THIS OR ANY OTHER FIREARM. FAILURE TO OBEY THIS WARNING MAY RESULT IN INJURY OR DEATH TO YOURSELF OR OTHERS.

Your firearm is a mechanical device and as such, is subject to wear and requires periodic inspection and service. FN firearms should only be serviced by the FN Product Service Center or FN authorized individual. FN

cannot assume any responsibility for injuries suffered or damage caused by unauthorized servicing, alterations or modifications of FN firearms.

10. ALWAYS WEAR EYE AND HEARING PROTECTION WHEN SHOOTING.

Unprotected, repeated exposure to gunfire can cause hearing damage. Wear hearing protection (shooting earplugs or ear muffs) to guard against such damage.

Wear shooting glasses to protect your eyes from flying particles. Allow proper distance (also known as eye relief) between a scope and your eye when firing a scoped pistol, rifle or shotgun. Do not use unorthodox shooting methods that could cause the rearward travel of the slide or bolt of a firearm to contact your eyes, face or hands. Always keep a safe distance between the muzzle and ejection port of your firearm and any persons nearby, as muzzle blast, debris and ejecting shells could inflict serious injury.

Always wear appropriate eye protection when disassembling and cleaning your pistol to prevent the possibility of springs, spring-tensioned parts, solvents or other agents from contacting your eyes.

11. AVOID DROPPING FIREARMS OR SHOOTING FROM UNSTABLE POSITIONS.

Shooting from unstable positions is dangerous. Doing so increases the risk of falling or dropping the firearms. The following rules should always be observed. Always make certain that your firearm is unloaded when climbing or navigating obstacles and ensure that the surface that you are firing the pistol from is safe and stable. Dropping a pistol from an elevated position increases the risk of damage or unintended discharge.

DROPPING OR JARRING A LOADED FIREARM CAN CAUSE THE FIREARM TO DISCHARGE. BE EXTREMELY CAREFUL DURING ANY SHOOTING ACTIVITY OR WHEN CARRYING ANY FIREARM TO AVOID DROPPING IT.

12. BE ALERT TO THE SIGNS OF AMMUNITION MALFUNCTION.

If a cartridge has a different sound or lighter recoil than normal, do not load another cartridge into the chamber. If your firearm fails to fire, keep the muzzle pointed in a safe direction for a minimum of 30 seconds. Rotate the ejection area of the firearm away from you, carefully open the action and remove the cartridge from the chamber.

If the primer is indented, the defective cartridge should be disposed of in a way that cannot cause harm. If the primer is not indented, your firearm should be examined by a qualified gunsmith and the cause of the malfunction corrected before further use. Inspect the barrel following the instructions in section 6.3.

Beware of barrel obstructions, field strip the pistol following the instructions in section 11.1 and inspect the barrel for obstructions before shooting. Never inspect the barrel while the firearm is loaded or prior to complete field stripping. Mud, snow and an infinite variety of other objects may inadvertently lodge in a barrel bore. If an obstruction is seen, no matter how small it may be, clean the bore with a cleaning rod and patch as described in section 12.1 of this manual. It only takes a small obstruction to cause dangerously increased pressures that can damage your firearm and cause serious injury or death to yourself and others.

13. WHEN DISCHARGING A FIREARM, MAKE SURE THAT THE AREA HAS ADEQUATE VENTILATION.

Exposure to lead and other toxic chemicals can occur from discharging firearms in poorly ventilated areas, cleaning firearms or handling ammunition. Lead is a substance that has been known to cause birth defects, reproductive harm and other serious injury. Wash hands thoroughly after exposure to ammunition or after cleaning a firearm.

14. BE DEFENSIVE AND ON GUARD AGAINST UNSAFE GUN HANDLING AROUND YOU AND OTHERS.

Don't be timid when it comes to gun safety. If you observe other

shooters violating any of these safety precautions, politely suggest safer handling practices.

15. BE CERTAIN YOUR FIREARM IS UNLOADED BEFORE CLEANING.

Because so many gun accidents occur when a firearm is being cleaned, special care should be taken to ensure your firearm is unloaded before disassembly, cleaning and reassembly. Keep ammunition and other flammable or dangerous objects away from the cleaning location. Never test the mechanical function of any firearm with live ammunition.

16. TEACH AND SUPERVISE FIREARMS SAFETY TO ALL MEMBERS OF YOUR HOUSEHOLD, ESPECIALLY TO CHILDREN AND NONSHOOTERS.

Closely supervise newcomers to the shooting sports. Encourage enrollment in firearm and shooting safety courses.

17. NEVER DRINK ALCOHOLIC BEVERAGES OR TAKE JUDGEMENT/REFLEX IMPAIRING MEDICATION OR DRUGS BEFORE OR DURING SHOOTING.

Your vision, motor skills and judgment could be dangerously impaired, making your gun handling unsafe to you and to others.

18. READ AND HEED ALL WARNINGS IN THIS OWNER'S MANUAL, ON AMMUNITION BOXES AND WITH ALL ACCESSORIES THAT YOU INSTALL ON YOUR FIREARM.

It is your responsibility to secure the most up-to-date information on the safe handling procedures for your FN firearm. FN assumes no liability for incidents which occur when unsafe or improper pistol accessories or ammunition combinations are used.

NOTICE: FN RESERVES THE RIGHT TO REFUSE SERVICING A FIREARM WHICH HAS BEEN MODIFIED BY REMOVAL OF METAL FROM THE BARREL OR SLIDE, MODIFICATIONS OF THE

FIRING MECHANISM AND/OR OTHER PARTS, AND WILL, IN SUCH A CASE, ALWAYS RECOMMEND RESTORING THE FIREARM TO A PRE-AUTHORIZED CONFIGURATION. PARTS AND LABOR REQUIRED FOR SUCH A RESTORATION ARE PAYABLE BY THE OWNER OF THE FIREARM.

NOTICE: THIS PISTOL SHOULD BE CLEANED PRIOR TO USE FOLLOWING THE INITIAL CLEANING INSTRUCTIONS LOCATED IN SECTION 12.1 OF THIS MANUAL.

Various metal parts of your pistol have been coated at the factory with corrosion inhibitors and lubricants to protect the pistol during shipping and storage. Before using your pistol, clean the preservatives from the inside of the barrel, slide and action/chamber areas with a quality gun oil as explained in section 12.1. If your pistol is to be stored, it is acceptable to leave the preservatives on the pistol and keep it in its original packaging. Never fire the pistol upon purchase without first inspecting cleaning and lubricating it before use. Pay special attention that all foreign material is removed from the bore of the barrel to prevent an unsafe condition.

3. AMMUNITION

AMMUNITION NOTICE: FN specifically disclaims responsibility for any damage or injury occurring with, or as a result of, the use of faulty, non-standard, remanufactured, hand-loaded or reloaded ammunition, or cartridges other than those for which the firearm was originally chambered. Serious damage, injury or death could result from the use of incorrect ammunition, from firing against a bore obstruction or from propellant overloads. Use of improper ammunition, such as listed previously will void the manufacturer's warranty. Use only commercially manufactured ammunition made in accordance with SAAMI (Sporting Arms and Ammunition Manufacturers' Institute) or CIP (Commission internationale permanente pour l'épreuve des armes à feu portatives "Permanent International Commission for the Proof of Small Arms") standards. Be certain that the ammunition is the appropriate caliber and loading for the firearm and is clean, dry and in good condition. The caliber of your FN pistol is marked on the portion of the barrel visible through the ejection port.

THE FN 503 IS DESIGNED TO RELIABLY FUNCTION WITH STANDARD PRESSURE AMMUNITION. +P AMMUNITION IS SAFE TO USE BUT MAY RESULT IN A DECREASE PART LIFE. THE AMMUNITION SOLD AS +P+ DOES NOT CONFORM TO SAAMI OR CIP GUIDELINES AND MAY DEVELOP CHAMBER PRESSURE IN EXCESS OF INDUSTRY STANDARDS. DO NOT USE +P+ AMMUNITION IN THE FN 503 AS IT COULD RESULT IN SERIOUS INJURY OR DEATH. DO NOT USE AMMUNITION SPECIFICALLY INTENDED FOR USE IN SUBMACHINE GUNS AS CHAMBER PRESSURE MAY REACH OR EXCEED THE PRESSURE DEVELOPED BY PROOF LOADS.

CAREFULLY INSPECT EACH CARTRIDGE BEFORE IT IS LOADED IN THE MAGAZINE. BE CERTAIN THE CARTRIDGE CASE IS NOT SPLIT OR DEFORMED AND THAT THE CARTRIDGES DO NOT POSSESS ANY OTHER DENTS OR DEFECTS.

For best results, use new factory manufactured ammunition from a reputable manufacturer. Primers, powder, cartridge cases and bullets can deteriorate with time and cause damage to the firearm or injury to the shooter or others.

LEAD BULLETS HAVE A TENDENCY TO CAUSE BORE LEADING, WHICH MAY DRAMATICALLY INCREASE PRESSURE WHEN A MORE RIGID BULLET DESIGN IS FIRED IN THE LEADED BORE. BE SURE TO REMOVE ALL CHAMBER AND BORE LEAD ACCUMULATION AFTER EACH USE. DO NOT SHOOT CARTRIDGES WITH JACKETED OR MONOLITHIC BULLETS THROUGH A BARREL PREVIOUSLY FIRED WITH LEAD BULLETS BEFORE THE BORE IS THOROUGHLY DELEADED.

CAUTION: STORE ALL CARTRIDGES OF DIFFERENT CALIBERS IN COMPLETELY SEPARATE AND WELL-MARKED CONTAINERS. NEVER STORE CARTRIDGES OF MIXED CALIBERS IN A COMMON CONTAINER OR IN YOUR POCKETS.

FN has gone to great lengths to ensure the compatibility of the FN 503 with a wide range of ammunition but it is recommended that you test your pistol with any ammunition that you wish to carry for protection to ensure reliable functioning.

If you have concerns about the compatibility of a particular ammunition type or are experiencing malfunctions with a particular ammunition with your FN pistol, contact FN customer service.

4. DRY FIRING & “DUMMY” ROUNDS

Dry firing is defined as firing a firearm with no ammunition in the chamber. Occasional dry firing of your FN 503 and for disassembly is acceptable. Regularly dry firing your FN 503 pistol for practice or training may result in damage to the striker. “Snap Caps” (inert chamber inserts that allow a firearm to be dry fired without damaging the firing pin) are commercially available for those who wish to practice firing without live ammunition.

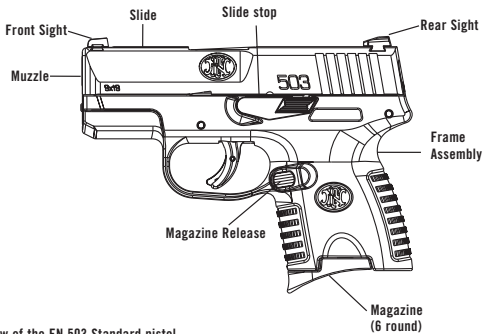
CAUTION: ALWAYS KEEP THE MUZZLE OF YOUR FIREARM POINTED IN A SAFE DIRECTION, EVEN IF YOU ARE CERTAIN IT IS UNLOADED.

CAUTION: STORE INERT AMMUNITION SEPARATELY FROM LOADED AMMUNITION TO AVOID UNINTENDED FIRING OF THE PISTOL. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY OR DEATH.

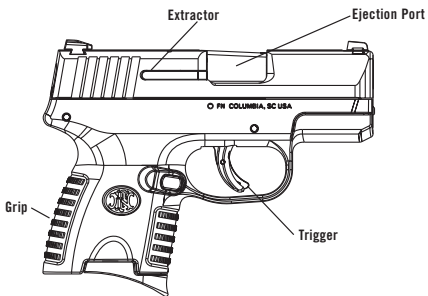
CAUTION: “DUMMY ROUNDS” WITH EMPTY PRIMER POCKETS ARE SUITABLE FOR LOADING/UNLOADING PRACTICE AND SOME TRAINING ACTIVITIES BUT DO NOT PROTECT THE STRIKER DURING DRY FIRING.

5. NOMENCLATURE

FIGURE 1

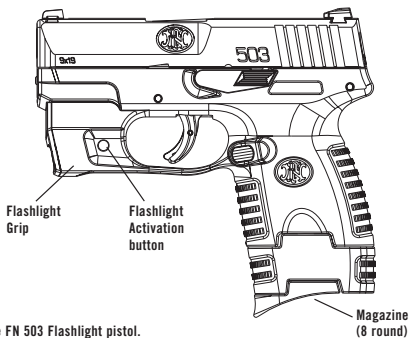


Left view of the FN 503 Standard pistol.

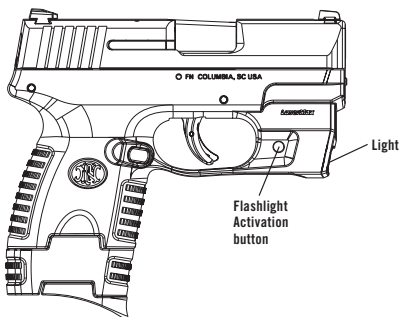


Right view of the FN 503 Standard pistol.

FIGURE 2



Left view of the FN 503 Flashlight pistol.



Right view of the FN 503 Flashlight pistol.

In conventional gun terminology, the position and movement of parts are described as they occur with the firearm horizontal and in the normal firing position: the muzzle is forward or front, the pistol grip is rearward or rear, the trigger is downward or underneath, the sights are upward or on top. For general parts nomenclature refer to Figures 1 and 2.

The illustrations in this manual depict the FN 503 series pistol. Some variations may not be shown.

BEFORE HANDLING, STORING OR TRANSPORTING YOUR PISTOL, FOLLOW THESE PROCEDURES TO ENSURE THE PISTOL IS UNLOADED.

ALWAYS KEEP THE MUZZLE OF YOUR FIREARM POINTED IN A SAFE DIRECTION. KEEP YOUR FINGERS AWAY FROM THE TRIGGER UNTIL READY TO SHOOT. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

1. Depress the magazine release to eject the magazine. If the magazine does not eject from the magazine well, press and hold the magazine release while gently pulling on the magazine floor plate (Figure 3).
2. If the slide is closed, pull the slide back and eject the cartridge from the chamber if one was chambered. Lock the slide to the rear by pressing the slide stop up and allowing the slide to rest against the slide stop retaining it to the rear (Figure 4).

FIGURE 3

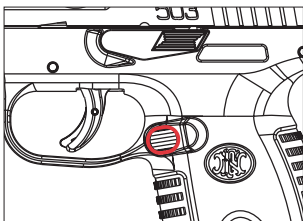
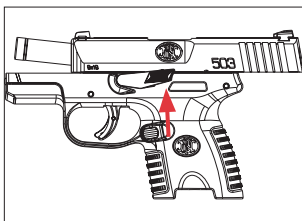


FIGURE 4



3. Inspect the chamber and magazine well to ensure no cartridge is present. Remember, merely removing the magazine does not mean the chamber is unloaded (Figure 5).
4. Release the slide by pushing downward on the slide stop or by pulling rearward on the slide to disengage the slide stop and then let the slide move forward under control (Figure 6).

FIGURE 5

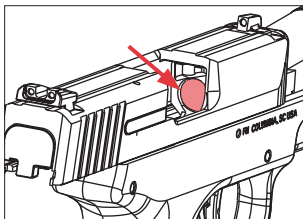
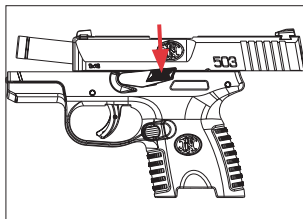


FIGURE 6



5. Ensure that the magazine is empty. If the magazine is not empty, unload it as described in Section 6.4. Unload any spare magazines.

CAUTION: YOUR PISTOL SHOULD BE TRANSPORTED AND STORED UNLOADED UNLESS INSTRUCTED OTHERWISE BY YOUR DEPARTMENT. IT IS RECOMMENDED THAT A CARTRIDGE NOT BE CHAMBERED UNTIL USE IS IMMINENT. ONCE A CARTRIDGE IS CHAMBERED, EXTRA CAUTION MUST BE EXERCISED TO ENSURE NOTHING COMES IN CONTACT WITH THE TRIGGER. IF THE PISTOL IS EQUIPPED WITH A MANUAL SAFETY THE SAFETY SHOULD BE ENGAGED WHEN A ROUND IS CHAMBERED AND REMAIN ENGAGED UNTIL READY TO SHOOT. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

6. LOADING AND UNLOADING

LOAD THE CHAMBER ONLY WHEN READY TO USE THE PISTOL.

WHENEVER A LIVE ROUND IS IN THE CHAMBER THE PISTOL CAN FIRE, EVEN IF THE MAGAZINE IS EMPTY OR HAS BEEN REMOVED.

WHEN LOADING YOUR PISTOL ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION AND KEEP YOUR FINGERS AWAY FROM THE TRIGGER. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

MAKE SURE YOUR FINGERS ARE SAFELY AWAY FROM THE EJECTION PORT WHEN THE SLIDE IS RELEASED TO AVOID PINCHING THEM WHEN THE SLIDE CLOSES. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY.

6.1 LOADING THE MAGAZINE

INSERT THE MAGAZINE INTO THE PISTOL AND LOAD A CARTRIDGE INTO THE CHAMBER ONLY WHEN READY TO FIRE.

USE ONLY AMMUNITION THAT IS OF THE APPROPRIATE CALIBER AND LOADING FOR THE FIREARM TO BE USED AND IS CLEAN, DRY AND IN GOOD CONDITION. THE CALIBER OF YOUR FN PISTOL IS MARKED ON THE PORTION OF THE BARREL VISIBLE THROUGH THE EJECTION PORT.

If the magazine to be loaded is still in the pistol, depress the magazine release and remove the magazine from the pistol.

Hold the magazine in one hand. With the other hand, place a cartridge on the magazine follower or on the cartridge case of the previously loaded round in the magazine in front of the feed lips at the top of the magazine. Press the cartridge down into the magazine body and slide the cartridge under the feed lips until it is seated fully inside the magazine body.

Repeat the process until the magazine is fully loaded. The holes on the side of the magazine body allow you to estimate the number of cartridges present in the magazine (Figure 7).

CAUTION: DO NOT TRY TO FORCE MORE THAN THE MAXIMUM NUMBER OF ROUNDS INDICATED FOR YOUR PARTICULAR MAGAZINE INTO THE MAGAZINE. ATTEMPTING TO OVERLOAD THE MAGAZINE CAN DAMAGE IT CAUSING THE PISTOL TO MALFUNCTION.

6.2 LOADING THE PISTOL

WHEN LOADING YOUR PISTOL, ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION AND KEEP YOUR FINGERS AWAY FROM THE TRIGGER. ALWAYS CLOSE THE SLIDE BEFORE INSERTING A LOADED MAGAZINE IF YOU DO NOT WISH TO IMMEDIATELY CHAMBER A CARTRIDGE. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

1. Before loading, ensure that the chamber of the pistol is empty and the pistol does not contain a magazine. Close the slide if you do not wish to immediately chamber a cartridge (Figure 8).

FIGURE 7

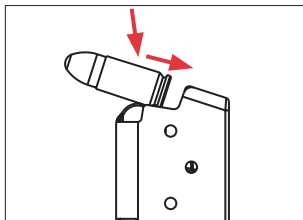
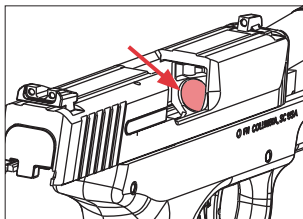
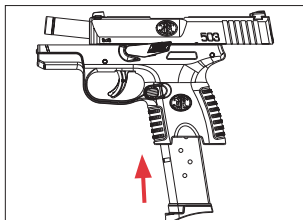


FIGURE 8



2. Insert the loaded magazine into the pistol, making certain that the magazine is pressed completely in and is retained by the magazine release (Figure 9).

FIGURE 9



3. With the muzzle pointed in a safe direction and your fingers away from the trigger, hold the pistol in your firing hand and pull the slide fully rearward with the other hand and release the slide, which will return under the force of the recoil spring (Figure 10-11). You can also press down on the slide stop to allow the slide to move forward and chamber a cartridge if the slide is locked to the rear. This movement resets the firing mechanism and moves the first cartridge from the magazine into the chamber. Allow the slide to “slam” forward under the force of the recoil spring. Do not ease it forward.

FIGURE 10

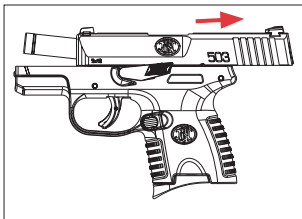
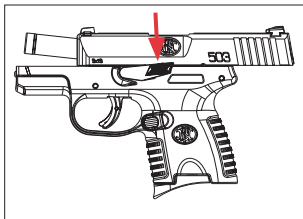


FIGURE 11



THE PISTOL IS NOW READY TO FIRE. ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION AND KEEP YOUR FINGERS AWAY FROM THE TRIGGER UNTIL READY TO FIRE. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

6.3 UNLOADING

WHILE UNLOADING THE PISTOL, ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION AND KEEP YOUR FINGERS AWAY FROM THE TRIGGER. WHEN UNLOADING, IT IS VITAL THAT YOU REMOVE THE MAGAZINE FROM YOUR PISTOL SO THAT A CARTRIDGE IS NOT CHAMBERED WHEN YOU CLOSE THE SLIDE. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

1. Press the magazine release and remove the magazine. If the magazine does not drop out of the pistol, pull on the magazine base plate while pressing the magazine release (Figure 12).
2. If the slide is closed, pull the slide back and eject the cartridge from the chamber. Lock the slide to the rear by pressing the slide stop up and allowing the slide to rest against the slide stop retaining it to the rear (Figure 13).

FIGURE 12

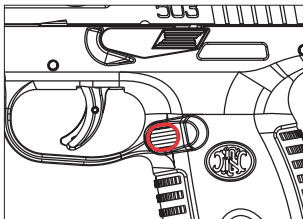
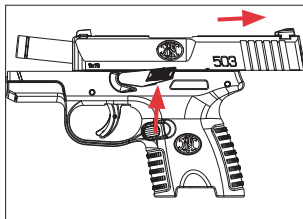
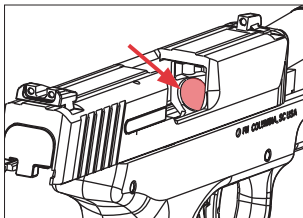


FIGURE 13



3. Inspect the chamber and magazine well to ensure no cartridge is present. Remember, merely removing the magazine does not mean the chamber is unloaded (Figure 14).

FIGURE 14



4. The slide should be left in the open position until ready to load or when putting the pistol away. To release the slide, pull rearward on the slide to disengage the slide stop or press down on the slide stop to allow the slide to move forward (Figure 15-16).

FIGURE 15

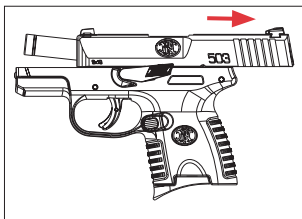
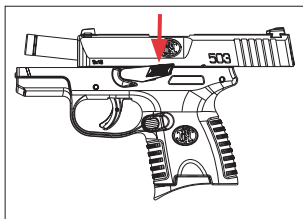


FIGURE 16



5. Unload the magazine as explained in Section 6.4.

6.4 UNLOADING THE MAGAZINE

1. Depress the magazine release and remove the magazine (Figure 17).
2. Unload the pistol and place it in a safe condition as detailed in Section 6.3.
3. Strip the top cartridge from the magazine by pushing forward on the rim of the cartridge and slide the cartridge out from under the feed lips. When the cartridge is removed the remaining cartridges will move up in the magazine. Continue removing the cartridges in this manner until the magazine is empty. Repeat this procedure with all loaded magazines (Figure 18).

FIGURE 17

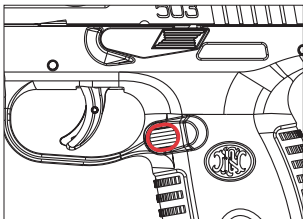
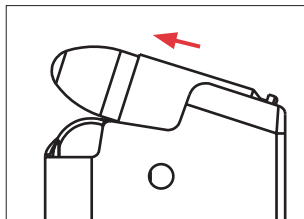


FIGURE 18

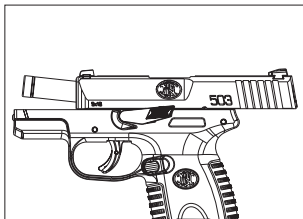


7. FIRING

WHEN FIRING, THE SLIDE MOVES REARWARD PAST THE BACK OF THE GRIP. TO PREVENT THE SLIDE FROM CAUSING INJURY IN ITS REARWARD MOVEMENT WHEN SHOOTING, KEEP THE PISTOL AWAY FROM THE EYES OR FACE. KEEP YOUR HANDS IN A POSITION WHERE THEY CANNOT BE HIT BY THE SLIDE. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY.

1. Load a cartridge into the chamber as detailed in Section 6.2.
2. With a cartridge in the chamber aim at your target and squeeze the trigger to fire the pistol.
3. After a cartridge has been fired, the slide moves rearward, ejects the empty cartridge case and returns forward, resetting the firing mechanism and loading a cartridge from the magazine into the chamber. You may continue to fire the pistol until the magazine is empty by pulling the trigger to fire each cartridge. After the last cartridge in the magazine is fired, the slide stop will automatically engage the slide and hold the slide in the open (rearward) position (Figure 19).

FIGURE 19



7.1 RELOADING DURING FIRING

NEVER CHAMBER A CARTRIDGE UNLESS USE OF THE PISTOL IS IMMINENT. ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. MAKE SURE YOUR FINGERS ARE SAFELY AWAY FROM THE CHAMBER WHEN THE SLIDE IS RELEASED TO AVOID PINCHING THEM WHEN THE SLIDE CLOSES. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

After firing the last cartridge with the magazine inserted, the slide will remain in the open position. If firing is imminent, the empty magazine can quickly be replaced with a loaded magazine as follows:

1. Depress the magazine release to eject the empty magazine (Figure 20).
2. Insert a loaded magazine completely into the magazine well until it locks into position (Figure 21).

FIGURE 20

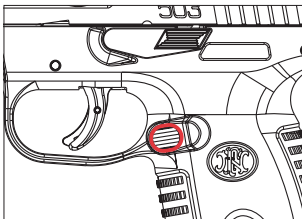
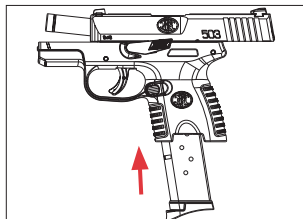


FIGURE 21



3. Release the slide by pulling rearward on the slide to disengage the slide stop and allow the slide to move forward and chamber a cartridge. You can also press down on the slide stop to allow the slide to move forward and chamber a cartridge. When the slide closes, the pistol is loaded and ready to fire. You may now continue firing (Figure 22-23).

FIGURE 22

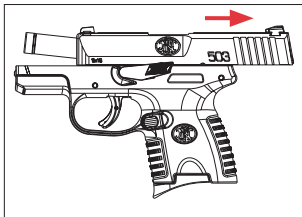
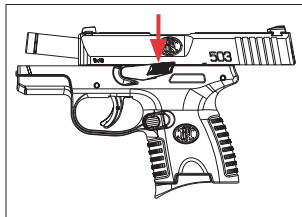


FIGURE 23



If firing is no longer imminent and you are finished shooting, remove the magazine and pull the slide to the rear to eject the chambered round. Inspect the magazine well and chamber to ensure no ammunition remains in the pistol and allow the slide to return to the forward position.

8. FUNCTION OF THE FN 503

The FN 503 is a semi-automatic, locked-breach pistol. With the chamber and magazine loaded, the pistol will fire a single shot each time the trigger is pulled until the magazine and chamber are empty. The slide will remain locked to the rear after the last cartridge is fired.

8.1 FIRING CYCLE

When the trigger is pulled the striker block and trigger safety are disconnected and the striker is released to move forward and strike the primer of the loaded cartridge, firing the pistol. The energy generated from the firing of the cartridge moves the slide and barrel rearward, the barrel is

unlocked from the slide after a short distance and stopped. The slide then continues rearward under inertia compressing the recoil spring and ejecting the fired cartridge case. As the breach face of the slide passes the back of the magazine in its rearward travel, the cartridges in the magazine rise under spring tension until the top round is in contact with the magazine feed lips. As the slide is returned forward by the recoil spring the top cartridge is stripped from the magazine by the slide and pushed into the chamber of the pistol. Releasing the trigger will allow the firing mechanism to reset and the process can be repeated until the magazine is empty. Upon firing the pistol with an empty magazine inserted, the magazine follower will push the slide stop into engagement with the slide and lock the slide to the rear of its travel.

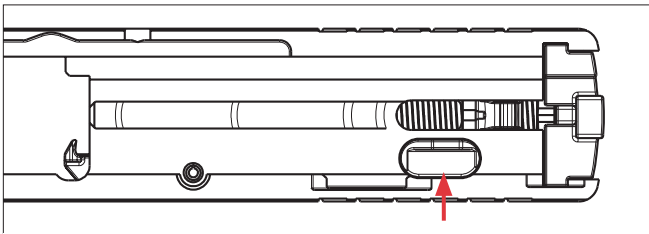
9. FN 503 FEATURES

9.1 PASSIVE SAFETY SYSTEMS

The FN 503 is equipped with three passive safety systems: a striker block; trigger disconnect lever; and trigger safety lever, to prevent the pistol from firing unless the trigger is pulled and the slide and barrel are in the locked position.

- The striker block prevents the tip of the striker from protruding from the breach face unless the trigger has been pulled to the rear (Figure 24).

FIGURE 24



- The trigger disconnect lever disconnects the trigger bar from the sear when the slide is not fully closed. This prevents the pistol from firing out of battery. (Figure 25).
- The trigger safety remains engaged unless the shooter's finger is on the trigger and blocks the rearward movement of the trigger, preventing the trigger from moving rearward under inertia should the pistol be dropped (Figure 26).

FIGURE 25

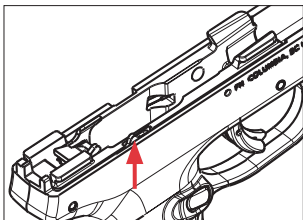
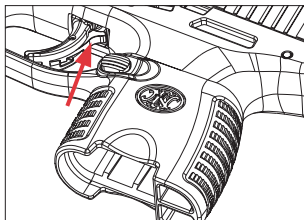


FIGURE 26



9.2 SLIDE STOP

The FN 503 slide stop is located on the left side of the grip and is automatically engaged when the last shot from a magazine is fired or the slide is retracted with an empty magazine in the pistol. To engage the slide stop without an empty magazine inserted, retract the slide, press up on the slide stop and hold it in that position while allowing the slide to move forward (Figure 27).

To release the slide from the slide stop, press down on the slide stop lever and the slide will be released to close. The slide can also be released by pulling back and releasing the slide as long as an empty magazine is not present (Figure 28).

FIGURE 27

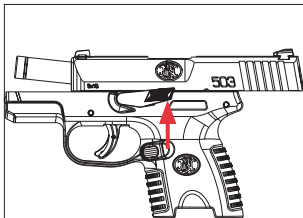
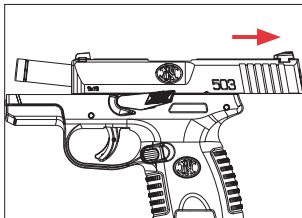


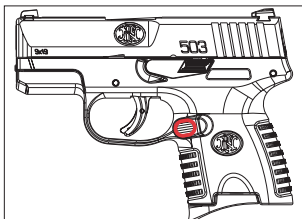
FIGURE 28



9.3 MAGAZINE RELEASE

The FN 503 magazine release is located on the frame behind the trigger. The release can be actuated by pressing the magazine release into the frame. The magazine release can be easily actuated by the thumb of the shooting hand and is protected by a guard that prevents inadvertent activation of the release and prevents the magazine release from being pressed if the pistol is dropped or pressed against a flat surface (Figure 29).

FIGURE 29

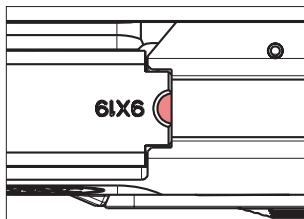


9.4 LOADED CHAMBER INDICATOR

The 503 is equipped with a visual loaded chamber indicator consisting of a half round cut located in the hood of the barrel directly in front of the breach face. This allows the operator to see the rim of a cartridge through the cut if a cartridge is present.

Note: The movement of the extractor in the FN 503 is not sufficient to readily determine whether or not the pistol is loaded (Figure 30).

FIGURE 30

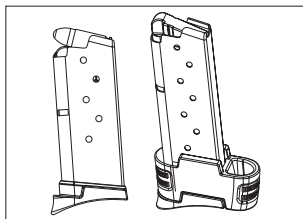


9.5 MAGAZINE

The FN 503 has a standard magazine capacity of 6 rounds and is equipped with witness holes along the side of the magazine to allow for the estimation of rounds remaining in the magazine. An extended capacity 8 round magazine is also offered (Figure 31).

Larger capacity FN 503 magazines will function in FN 503 pistols capable of accepting smaller capacity magazines of the same caliber.

FIGURE 31



FN 503 magazines not specifically covered in this manual should be covered by an addendum included with this manual or with the magazine. If the magazine that you have is not covered in this manual or by an addendum, information can be found on the FN website or by contacting FN customer service.

NOTE: Some jurisdictions limit the magazine capacity. All FN pistols intended for sale in those jurisdictions will be shipped with magazines not exceeding the specified number of rounds in compliance with local, state and federal law. Verify the capacity of your magazine do not exceed the allowable limit before entering these jurisdictions.

9.6 CHASSIS DESIGN AND INTERCHANGEABLE GRIPS

The FN 503 uses a modular chassis construction allowing for the use of interchangeable grips. This allows the user to select different grip options which may include different colors, larger or smaller grips or offer additional capabilities such as lights or other accessories. This also allows the grips to be modified to suit your needs, without the risk of damaging the serialized portion of the frame assembly.

10. SIGHT ALIGNMENT

NOTE: The sight alignment described is for the standard sights provided with the FN 503 pistol. Alternate sight options may have different sight alignment requirements. Please refer to any special instructions provided with your alternate sights.

The sights of the FN 503 should be aligned with the top of the front sight even with the top of the rear sight and an equal gap between the rear sight and the sides of the front sight. The point of impact will be at the top of the front sight when the sights are properly aligned.

The dots provided on the sights are intended as an aid in low light conditions and provide a less precise but faster sight alignment.

11. DISASSEMBLING AND REASSEMBLING THE PISTOL

11.1 FIELD STRIP (DISASSEMBLY FOR NORMAL MAINTENANCE)

It is very important to become familiar with the disassembly procedure of your pistol. Disassembly to field strip level is required for proper cleaning and lubrication, which ensure reliable operation of the pistol.

1. Completely unload the pistol as described in Section 6.3 and remove the magazine. Inspect the chamber and the magazine well to verify that the pistol is completely unloaded (Figure 32).
2. Retract the slide and lock it in its rearward position using the slide stop (Figure 33).

FIGURE 32

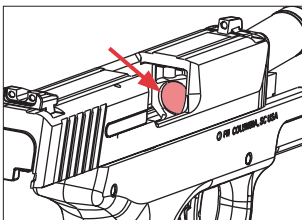
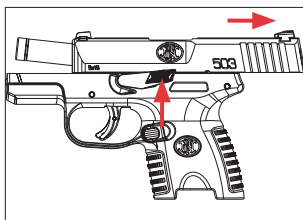
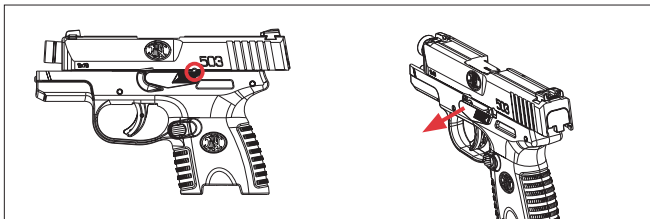


FIGURE 33



3. Pull outward on the slide stop while keeping the slide stop lug and disassembly notch aligned and remove it from the frame. If the slide stop cannot be pulled free, a small punch can be inserted through an access hole on the right side of the pistol to aid in the removal of the slide stop (Figure 34).

FIGURE 34

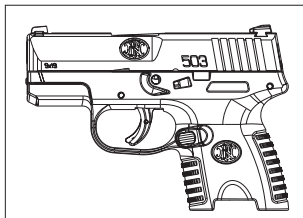


NOTE: Moving the slide stop up and down may help to free it from the grip.

THE PISTOL MUST BE COMPLETELY UNLOADED TO PERFORM STEP 4. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY OR DEATH.

4. While keeping the rear of the slide and rear of the frame in alignment, point the muzzle in a safe direction and press the trigger to release the striker. The slide will move forward slightly when released (Figure 35).

FIGURE 35



5. After releasing the striker, you can remove the slide by holding the trigger down and pulling the slide forward and away from the frame. If the striker is inadvertently recocked, return to Step 4 (Figure 36).
6. Hold the slide upside down, grasp the small spring of the recoil spring assembly then lift the recoil spring assembly up and out of the slide (Figure 37)

FIGURE 36

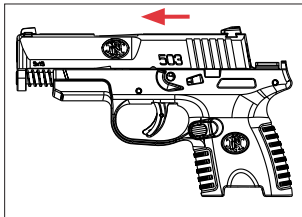
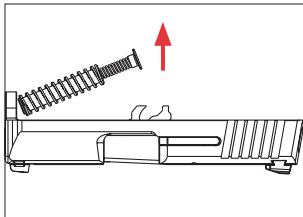


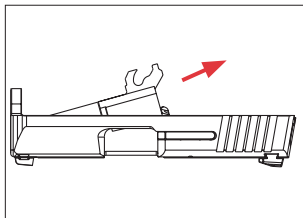
FIGURE 37



7. Grasp the barrel by its lug, lift it up and around the extractor and slide the barrel rearward out of the slide (Figure 38).

This level of disassembly is sufficient to perform a thorough cleaning. Disassembly beyond the instructions provided in this manual should only be carried out by a qualified armorer.

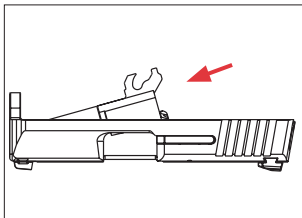
FIGURE 38



11.2 REASSEMBLY FROM THE FIELD STRIPPED CONDITION

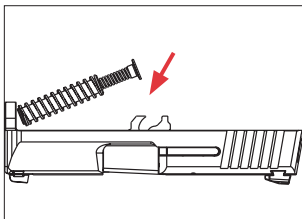
1. Install the barrel into the slide by grasping the lug of the barrel and sliding the muzzle of the barrel through the barrel hole in the slide from the inside. Allow the barrel to drop down into the slide and slide the barrel back to the breach face until the barrel drops into the locked position (Figure 39).

FIGURE 39



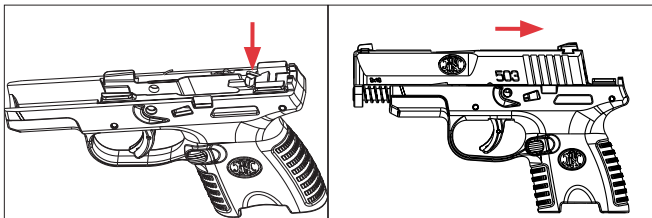
2. Place the large end of the recoil spring assembly against the recess in the front of the slide. Compress the recoil spring assembly and slide the back of the recoil spring guide onto the recess until centered on the front of the barrel lug. (Figure 40).

FIGURE 40



3. Insure the striker block lever is in the down (rotated forward) position. Guide the slide and barrel assembly onto the frame until the back of the slide is aligned with the back of the frame assembly (Figure 41).

FIGURE 41



4. Insert the slide stop lever into its hole with the lever portion pointing up until the slide stop lever spring is on the shank of the slide stop lever pin. This presents an angled surface to the slide stop lever spring as the lever is inserted (Figure 42).
5. Rotate the slide stop lever to align with the window cut in the grip and chassis for the leg of the slide stop and press the slide stop in until the edge of the leg is in the hole (Figure 43).

FIGURE 42

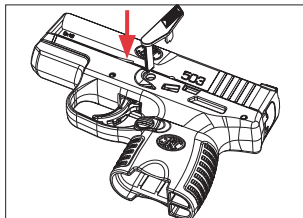
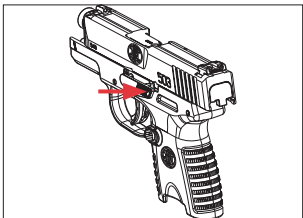


FIGURE 43



6. Pull the slide back until the lug on the slide stop aligns with the assembly notch in the slide and hold it in place (Figure 44).

FIGURE 44

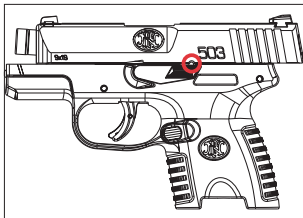
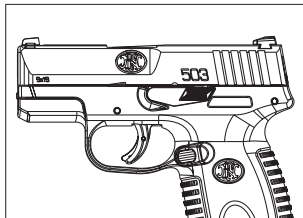


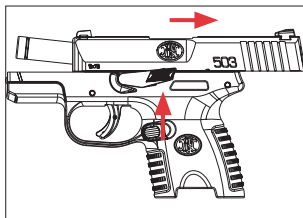
FIGURE 45



7. Push the slide stop to the bottom of the window, slide it fully under the slide stop spring and frame assembly, and allow the slide to move forward (Figure 45).
8. Retract the slide and test the function of the slide stop lever (Figure 46).

The pistol is now fully reassembled

FIGURE 46



and is ready to be loaded and fired.

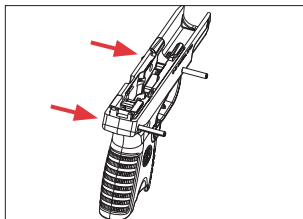
11.3 GRIP REMOVAL

The frame assembly does not need to be disassembled for normal maintenance but disassembly will be necessary to reconfigure the pistol with different grips or to clean the pistol if exposed to a corrosive environment such as salt water.

CAUTION: It is recommended that the sear pin and ejector pin not be removed from the pistol. If it becomes necessary to remove the sear pin or ejector pin, we recommend returning the pistol to an FN authorized service center. The ejector pin must be replaced if removed.

1. Field strip the pistol as described in section 11.1.
2. Drive the roll pins out from left to right using a hammer and roll pin punch (Figure 47).

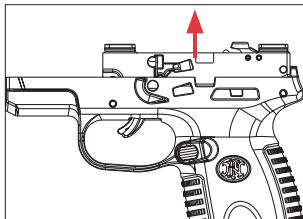
FIGURE 47



CAUTION: Support the right side of the grip when driving out the roll pins to avoid damage to the grip.

3. Lift up on the front of the chassis and pull it out of the grip (Figure 48).

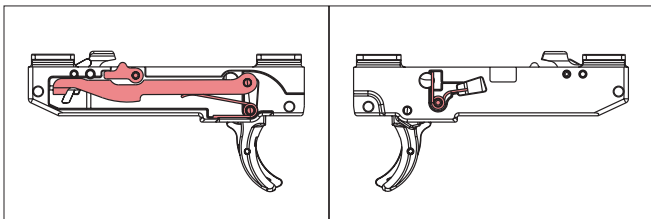
FIGURE 48



CAUTION: When the chassis is removed from the grip, the disconnect lever, trigger bar, and trigger bar

spring will no longer be positively retained. Disassemble the pistol in an area where you will be able to find any dropped parts.

FIGURE 49



4. Remove the trigger bar spring, trigger bar, disconnect lever and slide stop spring and set them aside (Figure 49).

NOTE: This level of disassembly is all that is required to interchange grip assemblies.

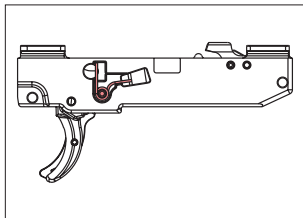
11.3.1 INSTALLING THE SLIDE STOP SPRING, TRIGGER BAR, TRIGGER BAR SPRING AND DISCONNECT LEVER

1. Insure the sear and striker block lever move freely, the sear has spring tension to return it to the up position and the sear and ejector pins are fully pressed into place.

FIGURE 50

NOTE: The sear and ejector pins should not be removed. If the ejector pin is not staked in place, the pistol should be returned to have the pin replaced and staked in place.

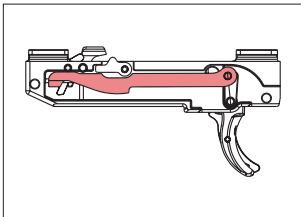
2. Install the slide stop spring in its recess in the left side of the



chassis. The straight leg points upward and the bent leg points to the rear when installed (Figure 50).

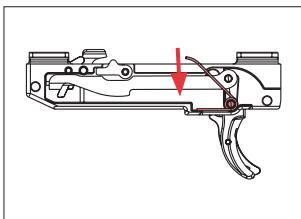
3. Install the trigger bar onto the chassis by placing the hole in the trigger bar over the upper boss of the trigger lever and the leg of the trigger bar through the window on the right side of the chassis (Figure 51).

FIGURE 51



4. While holding the trigger bar in place, place the short leg of the trigger bar spring against the shelf below the trigger bar and the loop of the spring over the lower lug of the trigger lever (Figure 52).

FIGURE 52



5. Press the upper leg (longer leg) of the trigger bar spring down while retaining the trigger bar and bottom leg of the trigger bar spring until the upper leg can slide under the trigger bar and into the groove cut into the bottom of the trigger bar (Figure 53).

FIGURE 53

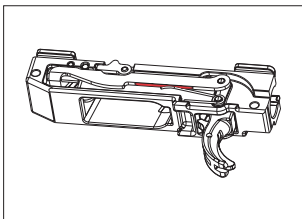
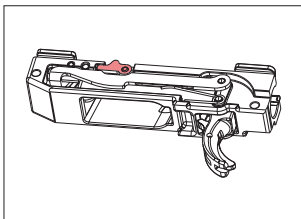


FIGURE 54



6. Place the disconnect lever over the boss on the left side of the chassis above the trigger bar (Figure 54).

11.3.2 INSTALLING THE CHASSIS ASSEMBLY IN THE GRIP ASSEMBLY

1. While holding the trigger bar and associated parts in place, slide the chassis assembly into the grip by inserting the trigger through the trigger hole, slide the chassis down and back into the grip until the

FIGURE 55

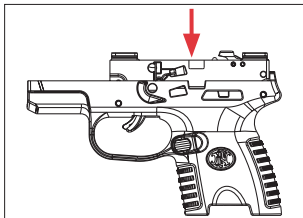
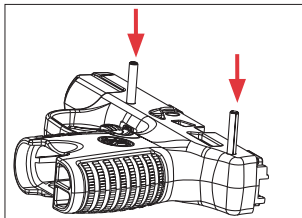


FIGURE 56



chassis retaining pin holes in the grip and chassis are aligned (Figure 55).

2. Drive the chassis retaining pins through the grip and chassis from left to right while supporting the right side of the gun on a rigid surface. The pins should be at or below flush on both sides of the grip (Figure 56).

NOTE: The chassis retaining pins are not intended to be removed regularly. After repeated disassembly and reassembly the chassis retaining pins may

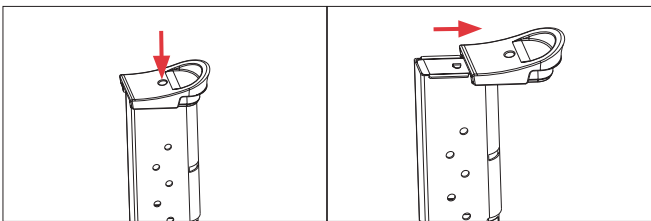
begin to work out after extended firing. This does not affect the function or safety of the pistol but the pins should be replaced if this occurs.

11.4 MAGAZINE DISASSEMBLY

CAUTION: THE MAGAZINE SPRING IS UNDER TENSION. WEAR EYE PROTECTION AND KEEP THE BOTTOM OF THE MAGAZINE POINTED IN A SAFE DIRECTION.

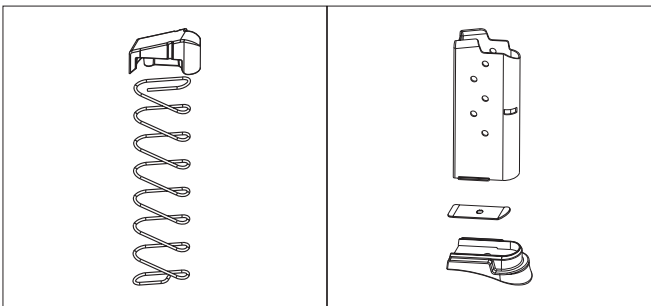
1. Depress the floor plate catch through the hole in the bottom of the magazine floor plate. Slide the floor plate forward and off the magazine

FIGURE 57



body. Capture the magazine spring and floor plate catch with your hand as the base plate is removed (Figure 57).

FIGURE 58



2. Remove the floor plate catch, magazine spring and follower from the magazine body (Figure 58).

11.4.1 MAGAZINE REASSEMBLY

1. If removed, assemble the follower on to the magazine spring (Figure 59).

FIGURE 59

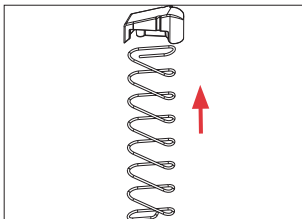
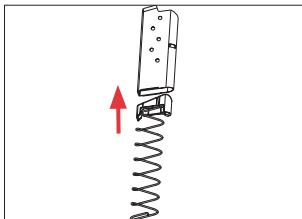


FIGURE 60



2. Insert the magazine spring and follower into the magazine body with the angle of the follower matched to the angle of the top of the magazine (Figure 60).
3. Using the floor plate catch with the tab protruding down (away from the magazine spring) compress the magazine spring into the magazine body until the spring and floor plate catch are inside of the magazine

FIGURE 61

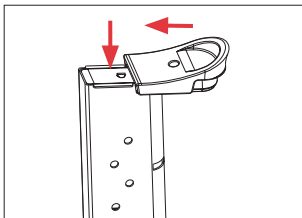
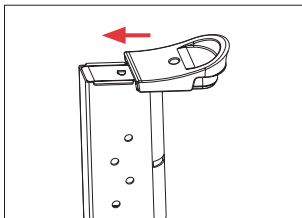


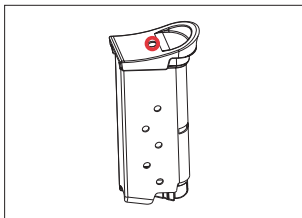
FIGURE 62



body (Figure 61).

- Slide the floor plate onto the magazine body until it is seated against the front of the magazine body (Figure 62).
- Ensure that the retaining tab of the floor plate catch protrudes into the magazine floor plate and prevents it from sliding off the magazine. If the floor plate catch does not align, tap the magazine against your hand to move the floor plate catch into location (Figure 63).

FIGURE 63



NOTE: Disassembly beyond the instructions provided is not necessary or recommended. Further disassembly should only be performed by FN authorized personnel.

11.5 REMOVING THE MAGAZINE RELEASE

NOTE: The magazine release should not be removed for normal cleaning and maintenance.

NOTE: The frame assembly does not need to be disassembled to remove the magazine release.

- Press up on the magazine catch spring through the magazine well using a punch or similar tool on the leg of the spring that protrudes toward the magazine well. Pushing the leg of the spring in toward the frame and under the body of the magazine release.
- Pull the magazine catch spring up until it is above the magazine release, using a punch to catch the top loop of the spring.

NOTE: The spring does not need to be removed from the frame to remove the magazine release, removing the spring makes reassembly more difficult.

3. Slide the magazine release out of the grip.

11.5.1 INSTALLING THE MAGAZINE RELEASE

1. If the magazine catch spring has been removed from the frame, use your index finger to slide the spring into the slot starting at the top front of the magazine well. The hooked ends of the magazine catch spring should face the interior of the magazine well. Use your finger to start one side of the magazine catch spring into the slot and compress the spring with your finger to start the other side of the spring into the slot.
2. Slide the magazine release into the grip with the beveled surface below the locking surface facing down and the slot in the magazine release aligned with the magazine release spring slot.
3. Press the magazine catch spring down and through the magazine release until the hooked end is even with the top surface of the magazine release.

4. Actuate the magazine release to ensure it operates freely and the magazine is released when it is pressed.

12. CLEANING AND LUBRICATION

BEFORE PERFORMING CLEANING PROCEDURES, MAKE SURE THE PISTOL IS COMPLETELY UNLOADED (SECTION 6.3). ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

WEAR EYE PROTECTION WHEN DISASSEMBLING, ASSEMBLING AND CLEANING YOUR PISTOL AND MAGAZINE TO PREVENT SPRING-LOADED PARTS, SOLVENTS OR OTHER AGENTS FROM CONTACTING YOUR EYES, RESULTING IN INJURY.

KEEP ALL AMMUNITION AWAY FROM THE CLEANING AREA. NEVER TEST THE MECHANICAL FUNCTION OF YOUR PISTOL WITH LIVE AMMUNITION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

NOTE: Never soak your firearm in solvents or lubricants. This could cause damage to the pistol or cause the pistol to malfunction.

NOTE: Do not use too much lubricant. Using too much lubricant can interfere with the function of the pistol.

Your pistol will function better and more reliably over a longer period of time if it is properly maintained and cleaned.

The frequency at which the pistol should be cleaned and lubricated depends on external factors. The weather and shooting conditions that expose your pistol to dirt, moisture, salt or sand can affect the function of your firearm. Excessively dirty ammunition may also require more frequent cleaning. Clean and lubricate your pistol after every use or if exposed to conditions that could adversely affect the finish or function of your pistol. Application of a light coat of preservative oil to the metal surfaces of the pistol will increase the corrosion resistant properties of the applied finish. In the case of intensive shooting, the pistol should be cleaned every 500 rounds. A minimum cleaning includes disassembly to the field strip level, wiping away accumulated fouling and lubricating key parts. Regular maintenance also includes cleaning the barrel.

A gun brought out of prolonged storage should also be cleaned before

shooting. Accumulated moisture and dirt, or solidified grease and oil, can prevent the gun from operating properly.

12.1 CLEANING AND LUBRICATION BEFORE FIRING

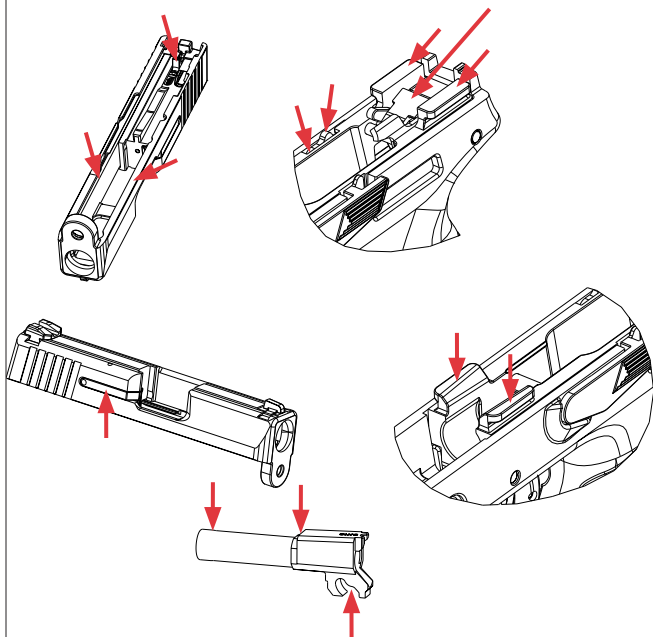
CAUTION: WEAR EYE PROTECTION AND PRACTICE SAFETY MEASURES APPROPRIATE FOR THE CHEMICALS BEING USED WHEN WORKING WITH SOLVENTS TO AVOID SERIOUS INJURY. MANY SOLVENTS ARE HIGHLY FLAMMABLE.

1. Completely unload the pistol as described in Section 6.3.
2. Disassemble the pistol as described in Section 11.1.
3. Using a cleaning rod and patches, bore snake or similar cleaning tool, remove any lubricant or debris from the inside of the barrel by inserting the cleaning rod or bore snake from the breach end of the barrel and pushing it through until the barrel appears clean when looked through.

NOTE: Be careful not to scratch or damage the muzzle as this can affect accuracy. It is recommended to only clean the barrel from the chamber end.

4. Before initial use remove the storage preservative from the outside of the barrel, slide, recoil spring assembly and the frame.
5. Lightly lubricate the outside of the barrel with lightweight gun oil.
6. Assemble the slide, barrel and recoil spring assembly as described in Section 11.2.
7. Lightly lubricate all of the sliding surfaces with lightweight gun oil (Figure 64).

FIGURE 64



8. Reassemble the pistol as described in Section 11.2.

12.2 CLEANING AND LUBRICATION AFTER FIRING

CAUTION: WEAR EYE PROTECTION AND PRACTICE SAFETY MEASURES APPROPRIATE FOR THE CHEMICALS BEING USED WHEN WORKING WITH SOLVENTS TO AVOID SERIOUS INJURY. MANY SOLVENTS ARE HIGHLY FLAMMABLE.

1. Completely unload the pistol as described in Section 6.3.
2. Disassemble the pistol as described in Section 11.1.
3. With a cleaning brush or a spray, apply solvent inside the barrel and allow the product to penetrate for a few minutes.

NOTE: Follow the instructions provided with the cleaning solvent if it differs from these instructions. Keep solvents away from the polymer components of this pistol.

4. With a correctly sized cleaning rod, brush, jag and patches, remove the solvent and fouling from the inside of the barrel until patches come out clean.

NOTE: Be careful not to scratch or damage the muzzle as this can affect accuracy. It is recommended to only clean the barrel from the chamber end.

5. When the barrel is clean, use a cleaning rod and patch moistened with preservative oil and wipe the inside of the barrel to protect the barrel until the next use.

NOTE: Always remove the oil from the inside of the barrel before shooting as detailed in Section 12.1.

6. Use a brush and solvent or multipurpose gun-cleaning lubricant to remove carbon deposits and other fouling from the slide, barrel, extractor and other areas that accumulate residue from firing.
7. Use a soft cloth or a rag, and multipurpose lubricant if necessary, to

remove debris from the magazine well of the frame.

8. Clean all of the parts of the pistol and magazine that are accessible using a soft cloth or rag dampened with a lightweight gun oil or multipurpose lubricant and nylon brush, if needed, to remove the fouling and debris accumulated during firing.
9. Check the disassembled parts of the pistol for signs of wear and/or damage. In case of doubt about the condition of a part, consult an FN authorized individual.
10. Using a soft cloth moistened with lightweight gun oil, lightly apply the lubricant to all the external surfaces of the metal parts to increase corrosion resistance.
11. Apply a drop of lubricant to the locations shown in Figure 64.
12. Reassemble the pistol as described in Section 11.2.
13. Clean the outside of the pistol in order to remove dirt, fingerprints and excess lubricant.

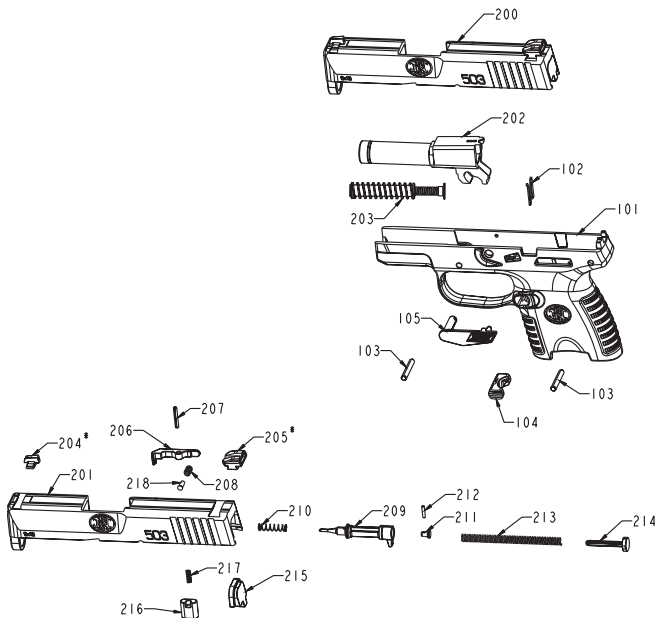
NOTE: If the pistol requires additional cleaning due to exposure to adverse conditions, it should be serviced by an FN authorized individual or service center.

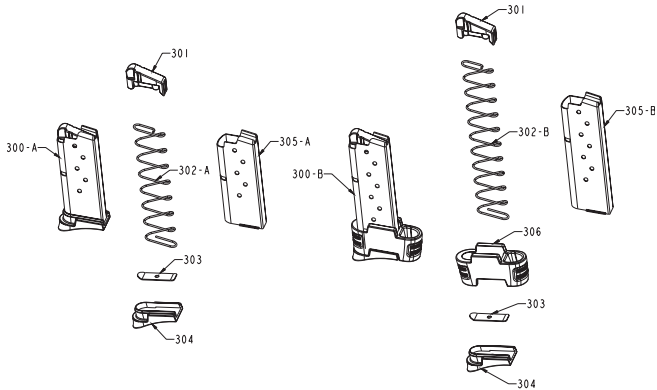
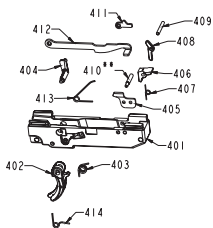
13. SCHEMATIC AND PARTS LIST

13.1 FN 503 STANDARD MODEL

* One time use recommended.

** One time use. Do not reuse.





Number	Description
101-A	Grip, Standard, Blk
101-B	Grip, Flashlight, Blk
102	Spring, Magazine Catch
103	Pin, Chassis Retainer
104-A	Catch, Magazine, RH
104-B	Catch, Magazine, LH
105	Lever, Slide Stop
200	Slide Assembly, 503
201	Slide, 503
202	Barrel, 503
203	Recoil Spring Assembly
204*	Sight, Front
205*	Sight, Rear
206	Extractor
207	Pin, Extractor
208	Spring, Extractor
209	Striker
210	Spring, Striker Return
211	Striker Spring Stop
212	Pin, Striker Spring Stop
213	Spring, Striker
214	Guide, Striker Spring
215	End Cap, Slide

Number	Description
216	Block, Striker
217	Spring, Striker Block
218	Buffer, Extractor
300-A	6 Rd Magazine Assembly
300-B	8 Rd Magazine Assembly
301	Follower, Magazine
302-A	Spring, 6 Rd
302-B	Spring, 8 Rd
303	Retainer, Floor Plate
304	Floor Plate, Magazine
305-A	Tube, Magazine
305-B	Extended Tube, Magazine
306	Extension, Magazine
401	Chassis, 503
402	Trigger Assembly
403	Spring, Trigger Return
404	Lever, Trigger
405	Ejector
406	Sear
407	Spring, Sear
408	Lever, Striker Block
409	Pin, Sear
410**	Pin, Ejector

Number	Description
411	Disconnecter, Trigger Bar
412	Trigger Bar
413	Spring, Trigger Bar
414	Spring, Takedown Lever

* One time use recommended.

** One time use. Do not reuse.

14. WARRANTY, SERVICE AND TECHNICAL QUESTIONS

RETURNING YOUR FIREARM FOR SERVICE

When returning your firearm for service, be sure to follow the guidelines below:

NOTICE: ALL FFL HOLDERS, IN ORDER TO AVOID UNNECESSARY RETURN SHIPPING DELAYS PLEASE SUBMIT AN FFL WHEN A FIREARM IS SENT IN FOR SERVICE.

1. Complete the online sign-up form and register to request service via FN's website, www.fnamerica.com.
2. Be sure your gun is completely unloaded.
3. Package it securely in a double-packed cardboard container.
4. Include a copy of your service request confirmation with your firearm that clearly describes the nature of your repair concerns or service desired. If the service form is NOT included with your firearm your service will be delayed.
5. Include a day time phone number where you can be reached.
6. Never return ammunition with your firearm. It is against postal and most commercial regulations.
7. Remove all accessories. FN America is not responsible for lost or damaged aftermarket accessories.

IMPORTANT: FN AMERICA IS NOT RESPONSIBLE FOR DAMAGE INCURRED DURING SHIPPING.

IMPORTANT: Any addition to your FN firearm of aftermarket accessories (such as suppressors, triggers, muzzle devices, stocks, etc.) is considered a modification of your firearm from its original configuration, which may void your warranty. We are unable to adapt each firearm for every variable effect that might occur when you install a third-party manufacturer's accessory on an FN firearm. Therefore, FN disclaims all responsibility and liability for any damage caused to you and/or your firearm as a result of aftermarket accessory use. If an aftermarket accessory causes damage to you and/or your firearm, please address your concerns with the accessory manufacturer.

IF YOU DO NOT UNDERSTAND THE INSTRUCTIONS FOR OPERATING YOUR FN FIREARM, IT IS YOUR RESPONSIBILITY TO CONTACT FN CUSTOMER SERVICE AT 1-800-635-1321 BEFORE USING THE FIREARM.

This owner's manual should always accompany this firearm and be transferred with it upon any change of ownership.

If you have any further questions, please call Customer Service at 1-800-635-1321.

15. TECHNICAL SPECIFICATIONS

	FN 503
Caliber	9mm Parabellum
Length (in.)	5.9
Height (in.)	4.6
Slide Width (in.)	0.9
Width (in.)	1.1
Sight Radius (in.)	5.1
Barrel Length (in.)	3.1
Twist Rate (in.)	1:10 RH
Weight w/ Empty Magazine (oz.)	21
Magazine Capacity	
Standard model	6
Optional	8
Trigger Pull (lbs.)	5 - 7

All specifications subject to change without notice.

16. LASERMAX FLASHLIGHT GRIP

WARNING: Prior to installing, changing battery, aligning flashlight or cleaning & maintenance, make sure pistol is unloaded. If not, unloaded following the “UNLOADING” instructions in the FN manual.

WARNING: Contains a lithium battery. Do not disassemble or incinerate. Keep out of reach of children. Contact poison control center if swallowed. Recycle or dispose of properly.

LASERMAX INSTALLATION

Please refer to your FN manual for grip housing removal and installation or visit www.youtube.com/LaserMaxInc for a video tutorial.

LASERMAX OPERATION

Locate the activation switch on left or right side of grip housing. Tap switch once to activate. Tap again to deactivate. To change the light from constant to pulsing mode, first, turn the light on, then press and hold the activation switch for approximately three seconds. Repeat the process to return to previous mode.

BATTERY REMOVAL & INSTALLATION

View complete battery replacement video tutorial at www.youtube.com/LaserMaxInc

FOR LIGHT HOUSING:

1. Remove battery cover screw with Phillips head screwdriver (not included) (Figures 1).
2. To remove battery, invert grip housing and tap lightly on your hand or flat surface until battery drops out (Figure 2). To avoid damage, do not insert tools or other sharp objects in battery compartment to remove battery.
3. Insert one (1) CR2 Lithium battery in the direction indicated inside compartment.
4. Insert battery cover ensuring cover tab seats into grip housing slot (Figure 3).

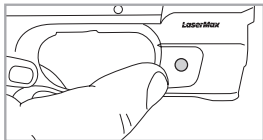


Figure 1

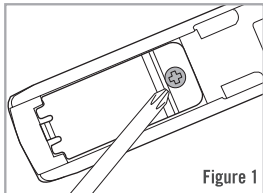


Figure 2

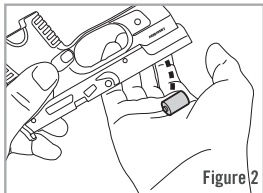


Figure 3

CLEANING & MAINTENANCE

After repeated fire, your light lens may become clouded with powder resi-due. For best results, it is recommended that the light lens be cleaned along with your firearm after each use. To clean, follow these steps:

1. Keep firearm pointed in a safe direction.
2. Confirm light is off.
3. Dampen the end of a cotton swab with isopropyl alcohol.
4. Apply dampened swab to light lens and polish in a small circular pattern.
Be sure to clean around the edges of the lens.

WARNING: Firearm should be cleaned and lubricated exactly as directed in the Owner's Manual. Excess lubricant can interfere with the proper function of both the firearm and the Lightning Laser. LaserMax components should never be submerged or flushed with cleaning solvents. Failure to adhere to these guidelines may cause damage and void the factory warranty.

LASERMAX LIMITED WARRANTY

LaserMax is pleased to offer a five (5) year limited warranty for this product. To take advantage of this coverage, the product must be registered no later than 90 days after purchase.

This product may be registered by completing a Registration Form which may be found at www.lasermax.com/support or by contacting the LaserMax Customer Service Department at 1-800-527-3703. The LaserMax Limited Warranty extends specific legal rights to the registrant. Other rights, which vary from state to state, may also apply. This product is warranted to be free from defects in material and workmanship at the time of purchase. This limited warranty does not cover expendable parts (ex: batteries), that have definite and predictable life expectancies. This warranty does not cover products that LaserMax determines have been exposed to abnormal use in any way. Examples of abnormal use include, but are not limited to, damage from mishandling, misuse or abuse, damage from exposure to abnormal conditions, damage from improper care and maintenance, or installation of the product in or on any firearm model the product

is not specifically advertised to be used with. Warranty coverage begins on the date of purchase and ends five (5) years after date of purchase. This limited warranty extends only to the original registrant and is non-transferable. To file a warranty claim, a warranty repair request must be submitted, and a Return Merchandise Authorization (RMA) number issued by the LaserMax Warranty Department, within five (5) years from date of purchase. Following submission of a warranty claim, LaserMax reserves the right to inspect the product to determine its eligibility for warranty coverage. If deemed eligible, LaserMax will repair or replace the part(s)/product that LaserMax, at its sole discretion, determines to be defective during the warranty period. If deemed ineligible, LaserMax will return the part(s)/product with an explanation of why coverage is not available. LaserMax reserves the right to replace defective part(s)/product with

an equivalent substitute product at its sole discretion. Any and all implied warranties, including the implied warranties of merchantability, fitness for a particular purpose, and non-infringement, also begin on the date of purchase and end five (5) years after date of purchase. This limitation does not apply to residents of states that disallow limitations on the length of implied warranties. The preceding process is both the exclusive remedy and LaserMax's exclusive liability for any warranty claim. LASERMAX WILL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE FOR

ANY INCIDENTAL, INDIRECT, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES (EVEN IF LASERMAX HAS BEEN NOTIFIED OF THE POSSIBILITY OF SUCH DAMAGES) RESULTING FROM OR RELATED TO A PRODUCT, INCLUDING, WITHOUT LIMITATION, ANY LOSS OF PROFIT, OPPORTUNITY, OR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE WARRANTED PRODUCT. THIS LIMITATION DOES NOT APPLY TO RESIDENTS OF STATES THAT DISALLOW LIMITATIONS ON INCIDENTAL OR CONSEQUENTIAL DAMAGES.

LaserMax Products
A Velocity Outdoor Company
7629 Routes 5 & 20, Bloomfield, NY 14469
☎ 800-527-3703 • www.lasermax.com

For patent information, please visit:
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