



OPERATION AND SAFETY MANUAL

Important Safety Information Inside

Read this manual completely before handling this firearm.

This manual is for SPRINGFIELD ARMORY® SAINT™ FIREARMS ONLY.

Keep this manual with your firearm and review it before each use. This manual is designed to fit in your shirt or jacket pocket. Do not allow others to handle or fire your firearm until they have read this manual. Transfer this manual with the firearm upon ownership change.

Download this manual on our website: www.springfieldarmory.com

Be a responsible firearm owner. Use it safely, store it securely, and always transfer a firearm responsibly and legally.

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NOTE: The information in this manual applies to all SAINT™ models regardless of caliber unless otherwise noted.

If you have any questions concerning information in this manual, call Springfield's Consumer Safety Department at: (309) 944-5631 for assistance.

BEFORE LOADING AND FIRING THIS FIREARM, READ AND UNDERSTAND THE INFORMATION IN THIS MANUAL.

This is an auto loading firearm. It is immediately loaded and ready to fire again after each shot until all cartridges loaded in magazine have been fired. The firearm is able to fire both with and without the magazine in place. **REMOVING THE MAGAZINE DOES NOT UNLOAD THE FIREARM NOR DOES IT ENGAGE A SAFETY. THE FIREARM IS NOT UNLOADED UNTIL THE MAGAZINE IS REMOVED AND THE CHAMBER IS EMPTY.**

ABOUT YOUR OWNER'S MANUAL

This is an instruction booklet on how to operate this firearm with some basic safe handling rules. It does not attempt to provide information about using a firearm to defend yourself, how to hunt, or for competitive or target shooting. It is important to receive training from a competent firearms instructor prior to engaging in any of these activities. The National Rifle Association, your local or state authorities, or your firearm dealer may provide information regarding available instructors or training courses. If you have a license to carry concealed, never do so without prior instruction from a certified instructor. Using a firearm for self defense is a complex subject with dangers and risks for which you must be properly trained. Every safety rule has a reason behind it - read the rules carefully and understand why each is important for safety.

It is recommended that every person receive instructions from a competent firearms instructor before handling this or any other firearm.

Know and obey all firearms laws and regulations, which may vary from city to city and state to state. Do not give a firearm to someone who is not allowed to own a firearm or who may use it for a criminal purpose.

Used firearms

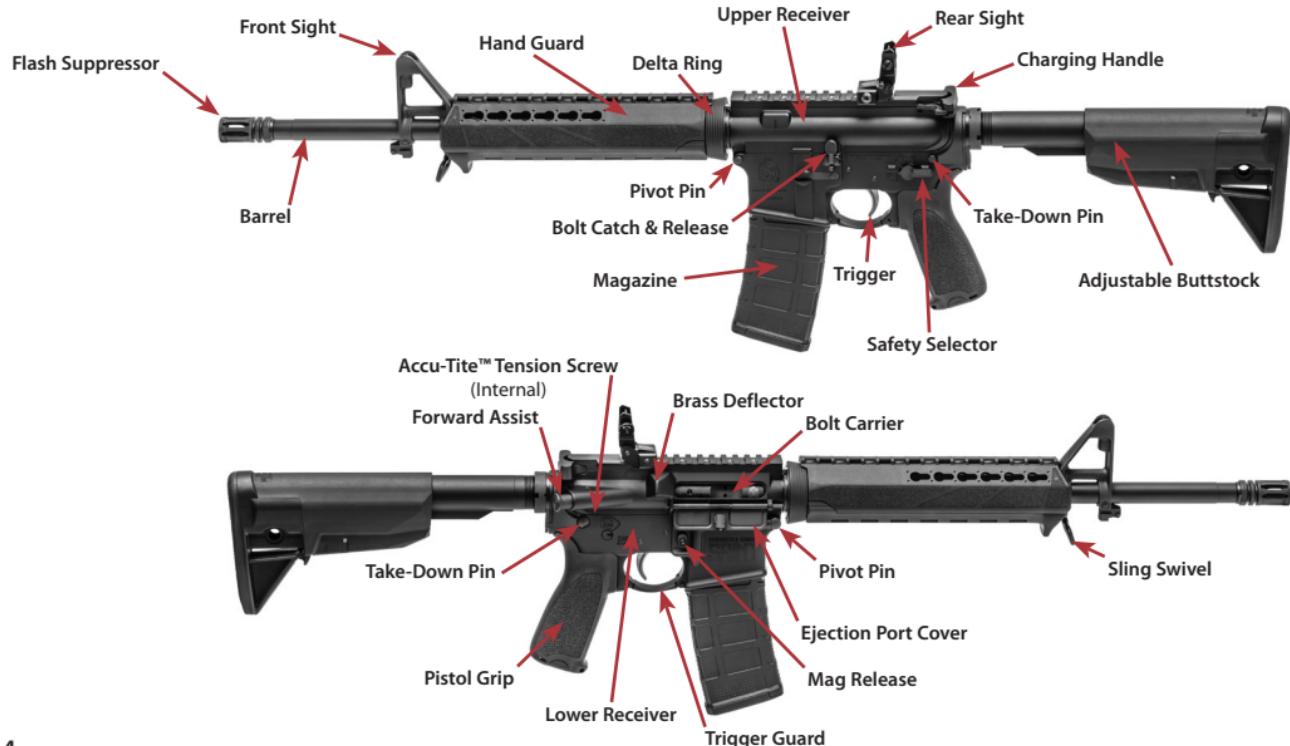
If you purchased this firearm as a used firearm, have it inspected and tested by a competent gunsmith before you use it. Guns are sometimes altered and may require repair before they can be used safely.

Store firearms safely in the home

Store firearms unloaded, locked and in a secure place. Obey firearm storage laws. Store firearms and ammunition separately. Because your children may be in other homes where firearms are stored, you should show them what to do if they see or find a firearm by showing them the Eddie Eagle video available from the NRA by calling (703) 267-1000.

OBEY ALL FIREARMS LAWS WHEN BUYING AND SELLING FIREARMS. NEVER BUY A GUN INTENDING TO TRANSFER IT TO SOMEONE WHO IS PROHIBITED FROM OWNING FIREARMS. NEVER EVER BE A "STRAW PURCHASER."

KNOW YOUR FIREARM



COLLAPSIBLE STOCK ADJUSTMENT

Your SAINT™ rifle may be equipped with an adjustable buttstock. If so, follow the procedure below to adjust the stock to one of six positions.

1. Remove magazine and unload firearm (See Page 19). Rotate the safety selector to the "SAFE" position.

NOTE: Safety selector can only be rotated when hammer is cocked.

2. **POINT GUN IN SAFE DIRECTION WHILE KEEPING FINGER OFF THE TRIGGER.**

3. Depress the latch lever (Figure 5) and slide the stock to the desired length, then ensure the latch is engaged by moving the stock back and forth.



Figure 5 (Collapsed)



Figure 5 (Fully Extended)

SAFETY RULES

READ AND UNDERSTAND THESE SAFETY RULES

Be A Safe Shooter.

ACCIDENT (ak' si dent) *N. 1. An unintentional or unexpected happening that is undesirable or unfortunate, especially one resulting in injury, damage, harm or loss.*

Don't be the cause of an accident.

A responsible firearm owner is safety minded and always handles firearms in a safe manner by following the basic rules of safe shooting and by using common sense in the handling of a firearm.

Store firearms unloaded, locked, and in a secure place. Keep keys for locks separate from lock and in a secure place away from children. Keep firearms out of reach of children. You are responsible for children's safety.

Be A Responsible Gun Owner.

- **Treat all firearms as if they are loaded at all times.**
- Never point a firearm at any person or thing you do not intend to shoot.
- Keep your finger off the trigger until you are on target and have made the DECISION to fire.

- Be sure you have positively identified your target.
- **ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.**
- **Do not drop your firearm.** Make sure you maintain control of your firearm at all times. **If it falls, it may fire.** If you do drop it, unload it and examine it to be sure it works correctly. Do not attempt to fire it again until you have completed this safety check.
- Never put your hand over the muzzle of the firearm.
- Keep your finger(s) off the trigger and out of the trigger guard until you are actually aiming at your target, and made the decision to fire.
- Under no circumstances should the owner/purchaser of this firearm allow it to come into possession of or be handled by small children or a mentally handicapped individual.
- **DO NOT COVER THE EJECTION PORT WITH YOUR HANDS WHEN LOADING/UNLOADING YOUR FIREARM.**

TREAT EVERY GUN AS IF IT IS LOADED ... ALL THE TIME.

BE A RESPONSIBLE FIREARM OWNER!

- Never rely on a firearm's "safety features" to protect you from unsafe firearm handling. A safety is only a mechanical device, not a substitute for common sense.
- Keep your finger off the trigger until you are on target and have made the DECISION to fire.
- Be sure of your target and backstop before you shoot. Ask yourself what your bullet will hit if it misses or goes through the target.
- Before shooting, be sure the barrel is clear of obstructions, including excessive oil and grease.
- Do not let water, snow, mud or other materials enter the barrel.
- Do not pull a firearm toward you by the muzzle.
- Always hold your firearm so you control the direction of its muzzle in case you fall or stumble.
- **ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.**
- If anything does get into the barrel, remove cartridges, and clean bore immediately before attempting to shoot. Obstructed barrels can burst and injure you and/or bystanders.
- Maintain possession of your firearm at all times when you are on the firing range or during target practice.
DO NOT ALLOW OTHERS TO HANDLE YOUR FIREARM UNLESS THAT PERSON IS BEING INSTRUCTED OR TRAINED.



WARNING

The SAINT™ rifle, like all firearms, is a dangerous firearm if not handled properly.

BE A SAFE FIREARM OWNER!

- **ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.**
- Firearms and alcohol or drugs do not mix. Do not take them before or during shooting activities. Your vision, coordination and judgment could be impaired, making firearm handling unsafe.
- When taking medication, seek a doctor's advice to be sure you can operate and handle your firearm safely.
- Receive training from a competent firearms instructor before using any firearm.
- Before attempting to shoot, practice operations by using snap caps (dummy rounds). Become familiar with the safety features, trigger control, and handling of the firearm.
- Make sure you maintain control of your firearm at all times.
- **Always keep and carry your firearm with an empty chamber until you intend to shoot, so your firearm cannot be fired unintentionally.**
- Firearms should be unloaded when not in use. This means both the chamber and magazine are empty.
- When transferring a firearm by hand, always open the action and check to assure that it is unloaded prior to handing it over to someone.
- Never take anyone's word that a firearm is unloaded. When receiving a firearm, always open the action and check that it is unloaded.

BE A SAFE FIREARM OWNER!

- **Do not try to change your firearm's trigger pull, because alterations of trigger pull usually affect the fit of critical parts and might cause accidental firing.**
- Never use a firearm that jams or fails to function properly. Should this occur, return it to Springfield, Inc. for warranty/repair.
- If your shot sounds weak or underpowered, it could mean a bullet is in the chamber/bore. The gun should be immediately unloaded and the chamber/bore checked for obstructions before refiring.
- **DO NOT "HORSEPLAY" with a firearm. Your firearm cannot think ...but you can. Firearm safety depends on you.**

IMPORTANT WARNING

There is no safe way to discharge a firearm in a home or apartment. Bullets will go through walls, floors, furniture, and appliances and still cause serious injury or death to persons in the house, next-door, or outside. Accidental discharges indoors ALWAYS result in property damage or personal injury.



WARNING: When you squeeze the trigger, you must expect the firearm to fire. You must take full responsibility for firing it. Your care can avoid accidental discharge and thereby avoid accidental injury and death.

READ THESE RULES!

- Load firearm only when on range preparing to fire. Unload it before leaving range.
- **Treat every firearm as if it is loaded ... all the time!**
- Load and unload with the firearm muzzle pointed in a safe direction.
- Be certain firearm is unloaded before cleaning.
- Completely unload your firearm before storing, travelling, standing it against an object, laying it down, entering a house, car, truck, boat, RV/camper, building, or handing it to someone.
- **Never leave a loaded firearm unattended.**
- Tragedy may result if a child finds your firearm and plays with it. Keep every firearm secure. Children do not understand firearms can kill.
- Store firearms and ammunition separately. Both should be placed beyond children's reach.
- Obey all laws regarding the storage and security of firearms in the home.
- Know and obey the laws regarding the transportation and carrying of firearms.
- **Old or reloaded ammunition may cause damage to the firearm and/or injure you or others. Use only clean, dry, original, high-quality, commercially manufactured ammunition. Using reloaded ammunition may void the warranty.**
- **ALWAYS REMEMBER, REMOVING THE MAGAZINE DOES NOT UNLOAD THE RIFLE NOR DOES IT ENGAGE A SAFETY.**
- **ALWAYS REMEMBER, THE RIFLE IS NOT UNLOADED UNTIL THE MAGAZINE IS REMOVED AND THE CHAMBER IS EMPTY.**
- **ALWAYS REMEMBER, THIS FIREARM IS ABLE TO FIRE WITH OR WITHOUT THE MAGAZINE IN PLACE.**

TREAT EVERY FIREARM AS IF IT IS LOADED ... ALL THE TIME!

- Many ammunition identifications sound similar. Make sure you use the right caliber/size ammunition in your firearm.
- If firearm fails to fire when the trigger is pulled, keep it pointed at the target for at least 30 seconds. Remove the magazine before opening the action. Remove the cartridge from the chamber. Sometimes slow primer ignition will cause a "hang fire" and the cartridge will go off after a short pause.
- When group firing, always appoint someone to maintain safety control. Obey his/her commands immediately and completely.
- While shooter is loading, firing, and unloading, spectators need to remain behind shooter.
- **Always wear protective glasses when shooting.**
- **Always wear hearing protection when shooting.**
- Never shoot at hard flat surfaces or water; bullets will ricochet unpredictably.
- **Do not alter or modify your firearm.**
- Have your firearm serviced regularly by a qualified gunsmith.
- Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm, cancer and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after firing your firearm, after cleaning your firearm, or whenever you have handled ammunition.
- Always use quality ammunition.
- **ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.**



Safety and instruction manuals are available from
Springfield, Inc.



Always wear eye and ear protection when using any
firearm.

SAFETY DEVICE

The SAINT™ rifle is equipped with a safety selector located just above and to the rear of the trigger. Any time the firearm is loaded the safety selector should be moved to the "SAFE" position (Figure 12-1). To fire simply rotate the safety selector to the "FIRE" position (Figure 12-2). Return to the "SAFE" position after firing.

NOTE: Safety selector can only be rotated when the hammer is cocked.



Figure 12-1



Figure 12-2

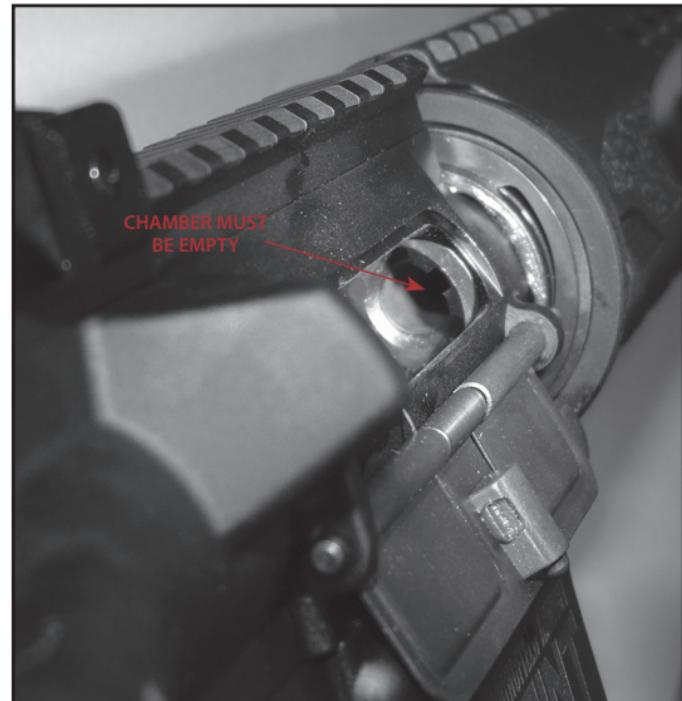
DETERMINE FIREARM IS UNLOADED/SAFE

Always make sure firearm is unloaded before handling.

- 1. POINT FIREARM IN SAFE DIRECTION WHILE KEEPING YOUR FINGER OFF OF THE TRIGGER.**
2. Press magazine release button to remove magazine.
3. With finger off trigger fully retract charging handle.
4. From above right and rear, carefully inspect chamber to make sure it is empty.
5. Slowly lower charging handle.

When chamber is empty, rotate the safety selector to "SAFE" and close the ejection port cover.

Caution: Do not cover the ejection port with your hand when firing your rifle.



WARNING

Firearm is not empty or unloaded until the magazine is removed and the chamber is empty. To properly clear a firearm, remove the magazine, then pull charging handle back and check the chamber.

AMMUNITION

This firearm model is offered in several caliber options. Locate the cartridge designation, for caliber, marked on the firearm's barrel. This information indicates the correct ammunition that must be used in your firearm (FIGURE 14-1).

NOTE: If your SAINT™ rifle is chambered in 5.56 NATO, it will fire both 5.56 NATO and .223 Remington ammunition.

You are responsible for selecting ammunition that meets industry standards and is appropriate in type and caliber for this firearm (See Page 10).

Never mix ammunition.



Warning! *Never use ammunition not specifically designated for use in your firearm. Failure to use the correct type or caliber of ammunition may cause the firearm to jam, or fail to fire, or may generate excessive pressure which can damage or even rupture your firearm, causing personal injury or death to the shooter or bystanders.*



Warning! *Always inspect your ammunition before using it. Never use dirty, corroded or damaged ammunition. A burst cartridge may result, causing damage to the firearm and personal injury or death to the shooter or bystanders.*

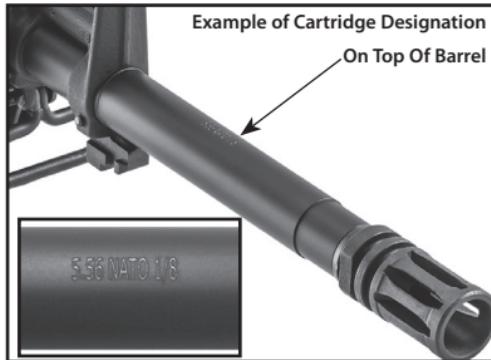


Figure 14-1



Warning! *In some cases, a round of ammunition not specified on your firearm and not listed as alternate ammunition in this manual, may fit into the chamber. Firing this ammunition may cause a rupture resulting in damage to the firearm and personal injury or death to the shooter or bystanders. For more information regarding usage of caliber combination, refer to: www.SAAMI.org*

AMMUNITION

A firearm and ammunition are a system and must work together. There are different types of ammunition for different types of firearms. Your firearm has been designed for ammunition of a specific type and a specific gauge or caliber. It is important to select the proper ammunition for your firearm.

Different combinations of bullet velocity, bullet weight and firearm weight can have major impact on felt recoil; high felt recoil can be uncomfortable to some shooters.

CAUTION: Use of ammunition manufactured with corrosive primers in this firearm is not recommended and will cause oxidation to develop on any metal parts of the firearm. To prevent such oxidation, the residue from corrosive primers must be completely removed from all metal parts after each time ammunition with corrosive primers is used in this firearm. Conventional oil or solvent-based firearm cleaners WILL NOT dissolve the residue from corrosive

primers. Residue from corrosive primers MUST be completely dissolved with a water-based cleaner. After the corrosive residue has been completely dissolved from all metal parts, remove any excess water-based cleaner from the firearm. Finally, lubricate the firearm as instructed in the Safety and Instruction Manual. Failure to follow these instructions will cause damage to the firearm and may affect the ability of the firearm to function properly.

Check with the ammunition manufacturer or a qualified gunsmith if you are unsure whether the particular ammunition you plan to use in this firearm has been manufactured with corrosive primers. If in doubt, follow all the instructions above to prevent oxidation caused by ammunition manufactured with corrosive primers.

Ammunition manufactured by SAAMI member companies does not have corrosive primers.

LOADING/PREPARING TO FIRE

1. Place the **EMPTY** magazine in the magazine well, located in bottom of firearm. Make sure the magazine is **EMPTY** or you will inadvertently load the firearm. Push firmly enough on bottom of magazine to make sure it is properly seated. A distinctive "click" will confirm the magazine has been properly inserted. Pull the charging handle completely to the rear until the bolt carrier locks back. Return the charging handle to the latched position and rotate the safety selector to "SAFE".
2. Depress magazine release and remove magazine (Figure 16-1).

NOTE: Alternative method without using an empty magazine. Depress lower position of bolt stop while retracting charging handle to lock bolt carrier to the rear.

3. Ensure that you are using the proper caliber ammunition for your firearm. Place rim of first cartridge on top of follower (Figure 16-2) then push the cartridge down on the follower until the lips capture the round (Figure 16-3). Load successive rounds by pushing cartridge down on previously loaded cartridge. Use only clean, dry, original, high quality, commercially manufactured ammunition. Using reloaded ammunition may void warranty.

4. **POINT FIREARM IN A SAFE DIRECTION AND KEEP FINGER OFF TRIGGER.** Re-insert **LOADED** magazine into magazine well, located in bottom of firearm. Push firmly



Always wear eye and ear protection when using any firearm.

enough on bottom of magazine to make sure it is properly seated.



Caution: Do not slam or forcefully jam magazine into magazine well.

5. Charge the firearm by firmly pulling the charging handle to the rear and releasing it. The bolt carrier group will thrust forward and load a cartridge into the chamber. Or depress bolt catch to release BCG forward.
6. Rotate the safety selector to "SAFE" if not there already.
7. **The firearm is now loaded and ready to fire.**



Caution: Never load cartridge by hand directly into the chamber.

WARNING: Never touch the trigger when loading or unloading the firearm.



Figure 16-1



Figure 16-2



Figure 16-3

FIRING



Always wear eye and ear protection when using any firearm.

If you have never fired a firearm before, follow the sequence of operations shown here without ammunition or with snap caps.

Then load only **one** cartridge into the magazine for your first live ammunition firing.

- POINT FIREARM IN A SAFE DIRECTION WHILE KEEPING YOUR FINGER OFF OF THE TRIGGER.**
- Load cartridge into chamber from magazine following the procedure described on page 16. Rotate safety selector to "SAFE" if not there already.
- Grasp grip of firearm firmly. **(Place buttstock against shoulder.)**

CAUTION: THE FIREARM IS NOW READY TO FIRE. BE PREPARED FOR NOISE AND RECOIL WHEN FIREARM FIRES.

- Aim firearm at target by aligning sights. Rotate safety selector to "Fire".



Safety and instruction manuals are available from Springfield, Inc.

Point firearm in a safe direction at all times.

- Now lightly place finger on trigger, and slowly squeeze trigger to fire the firearm. Spent cartridge is expelled up and to the right.

NOTE: This is an auto loading firearm. It is immediately loaded and ready to fire again after each shot until all cartridges loaded in magazine have been fired. The firearm is able to fire both with and without the magazine in place.

- Rifle will automatically be ready to fire again after each shot until all cartridges loaded in magazine have been fired.

REMOVING THE MAGAZINE DOES NOT UNLOAD THIS FIREARM NOR DOES IT ENGAGE A SAFETY. THIS FIREARM IS NOT UNLOADED UNTIL THE MAGAZINE IS REMOVED AND THE CHAMBER IS EMPTY.



WARNING: Loading the **SAINT**™ by manually inserting a round in the chamber is improper and could cause accidental discharge, possible damage to the firearm or personal injury. Always load the firearm using the magazine. When loading the firearm, always point the muzzle in a safe direction.

FIRING

POINT FIREARM IN SAFE DIRECTION WHILE KEEPING YOUR FINGER OFF OF THE TRIGGER.

7. When last cartridge has been fired, the bolt catch is automatically engaged and the bolt carrier group is locked open: (See Figure 18)
8. Put safety selector on "SAFE".
9. Press magazine release button to remove magazine.
10. From above right and rear, carefully inspect chamber to make sure it is empty.



CAUTION: Do not cover the ejection port with your hand when firing your rifle.

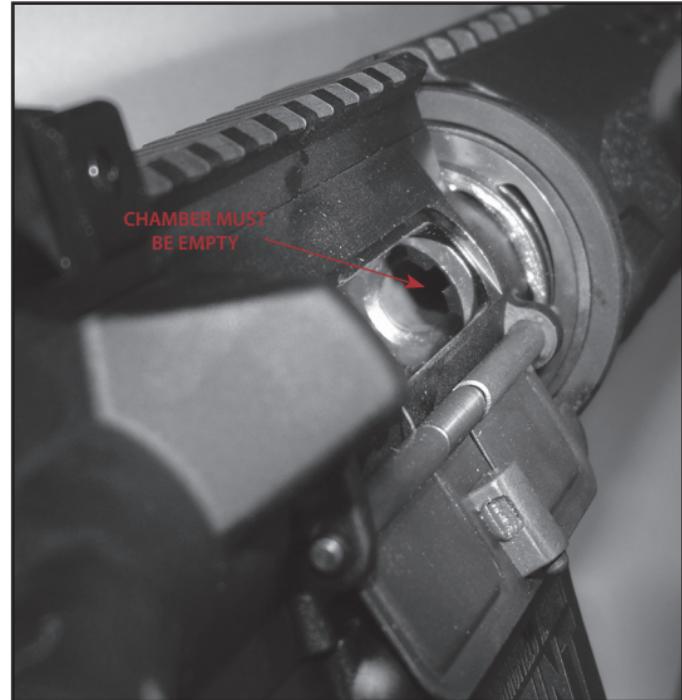


Figure 18



WARNING
Firearm is not empty or unloaded until the magazine is removed and the chamber is empty. To properly clear a firearm, remove the magazine, then pull charging handle back and check the chamber.

UNLOADING

1. Rotate safety selector to "SAFE" position.
2. While pointing the muzzle in a safe direction, remove the magazine by depressing the magazine release and pulling the magazine out (Figure 19-1).
3. With your finger off trigger fully retract charging handle, ejecting cartridge.
4. Release/lower charging handle.
5. Press lower position of bolt catch (Figure 19-2). Retract charging handle to lock back to rearward position.
6. Push charging handle in closed position.
7. Re-inspect chamber to insure firearm is unloaded. Insert chamber flag, retract charging handle and slowly lower. Push charging handle in closed position.



CAUTION: Step 3 is a crucial part of the unloading process. Do not depend on the fact that no casing was ejected on clearing. There could still be a live round in the chamber for any number of reasons. Make certain that you inspect the chamber to make sure that it is clear.



WARNING Never touch the trigger when loading or unloading the firearm.



Figure 19-1



Figure 19-2

MALFUNCTION WARNING!

If cartridge hangs up, jams or binds when being chambered from magazine into chamber, do not attempt to force it into the chamber by pushing.

DO NOT COVER THE EJECTION PORT WITH YOUR HANDS WHEN LOADING/UNLOADING YOUR FIREARM.

1. What to do:

- Point firearm in a safe direction while keeping your finger off of the trigger.
- Remove magazine.
- Pull back on charging handle and allow cartridge to fall from firearm.
- Do not cover the ejection port with your hands when loading / unloading your firearm.
- If cartridge does not fall free, pull charging handle back and lock it in the rear position.
- Carefully dislodge cartridge.
- If cartridge cannot be removed, lock bolt carrier back, carefully store your firearm and magazines and take it to a competent gunsmith or call Springfield Armory® customer service.

2. Most failures to feed or chamber a cartridge are the result of a damaged magazine, improper firearm handling or defective ammunition.

3. Whatever the cause, a jammed cartridge can be a dangerous situation.

If you have any questions concerning information in this manual, call Springfield's Consumer Safety Department at 800-680-6866 for assistance.



Always wear eye and ear protection when using any firearm.



Safety and instruction manuals are available from Springfield, Inc.



Always have firearm pointed in a safe direction.

Failure to obey safety information may result in injury to you or others.

TO ELIMINATE MALFUNCTIONS

- First try changing type/brand of ammunition and/or magazine.
- If changing to another type/brand of ammunition and/or magazine does not at once result in smooth feeding of cartridges from magazine to chamber, the following steps should be taken:
 - Magazine should be removed first. Check chamber to be sure it and magazine well are clear of cartridges.
 - Thoroughly clean magazine, paying particular attention to removing accumulated residue.
 - Thoroughly clean breech mechanism of firearm. Use a bristle brush and solvent to remove residue and fouling from breech face, extractor, chamber and feed ramp. (See **Detailed Maintenance and Cleaning** section for detailed instruction).
 - Check that magazine spring tension is adequate; the spring should hold the follower tightly against the lips of the magazine.
 - Check that magazine lips are free of nicks and burrs and are not deformed.
 - Remove excess oil and solvent from all cleaned components, load magazine and try firearm again.

 **WARNING** An obstructed, cracked or damaged barrel should never be used and the firearm should be returned to Springfield for inspection.

FIELD STRIPPING & CLEANING

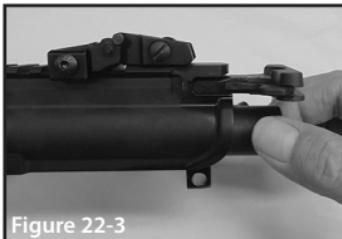
NOTE: FIELD STRIPPING PROCEDURES ON THE SAINT™ ARE THE SAME REGARDLESS OF CALIBER.

Before performing any cleaning or maintenance, make sure the firearm is completely unloaded (this includes the magazine and chamber).

ALWAYS REMEMBER THE FIREARM IS ABLE TO FIRE WITH OR WITHOUT THE MAGAZINE IN PLACE.

1. Always use proper eye protection when cleaning firearms.
2. **POINT GUN IN SAFE DIRECTION WHILE KEEPING FINGER OFF THE TRIGGER.**
3. Remove magazine and unload firearm.
4. Fully retract the charging handle then release to completely close the bolt.
5. Rotate safety selector to "SAFE" position (See Page 12).
6. Depress the take down pin located just above and to the rear of the safety/selector on the left side of the receiver.
7. From the right side of the receiver pull the pin outward until the mechanical stop prevents further movement.
8. The lower receiver can now pivot downward and away from the upper receiver. Rotate the rifle until the upper and lower receivers are both at a 45 degree angle (Figure 22-1).
9. Unlatch and retract the charging handle approximately 1" exposing the rear of the bolt carrier (Figure 22-2). Grasp the rear of the carrier and pull it rearward until free of the receiver (Figure 22-3).

The rifle is now field stripped for routine cleaning.



FIELD STRIPPING & CLEANING

BOLT CARRIER GROUP (BCG) CAN BE EASILY DISASSEMBLED FOR MORE DETAILED CLEANING IF NEEDED.

10. Press the bolt into the carrier until it is fully seated (Figure 23-1).
11. Remove the firing pin retaining pin, the firing pin can now be withdrawn rearward from the carrier (Figure 23-2).
12. Remove the bolt cam pin by rotating the pin 90 degrees and remove. The bolt can now be removed from the front of the carrier (Figure 23-3).

NOTE: We do not advise extractor removal unless you are experiencing extractor issues.

13. If extractor removal is desired, use a suitable punch to press the extractor pin from the bolt. Maintain control of the extractor spring, extractor insert and O-ring (Figure 23-4).

BCG disassembly is now complete.

Clean all parts with a quality powder solvent, rinse, dry and inspect. Lightly lubricate the bolt, wipe away any excess lubricant.

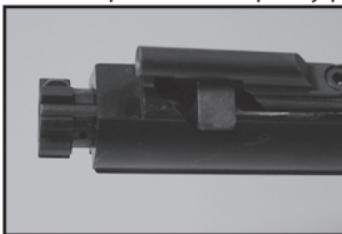


Figure 23-1

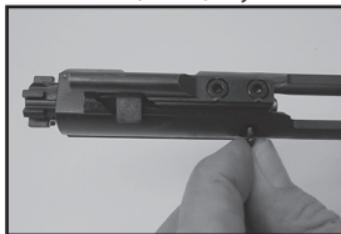


Figure 23-2

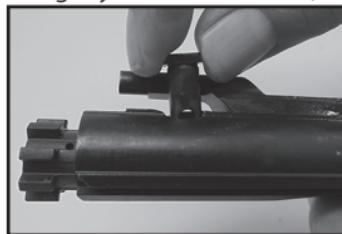


Figure 23-3

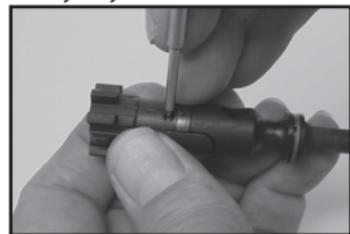


Figure 23-4



WARNING If you decide to disassemble your Springfield Armory® firearm, do so properly. Improper disassembly and/or assembly will create unsafe conditions that could result in injury or death, or a firearm that simply will not work. Don't take chances. Do not attempt to disassemble this or any other firearm until you have received training and instructions from a competent gunsmith.

FIELD STRIPPING & CLEANING

REASSEMBLY OF THE BOLT CARRIER GROUP (BCG)

14. Verify that the three bolt rings are installed so that the gaps **do not line up**, but are evenly spaced about 120 degrees (Figure 24-1).
15. Insert the bolt into the carrier with the extractor located on the right side of the carrier (Figure 24-2).
16. Insert the cam pin and rotate 90 degrees and reinstall the firing pin (Figure 24-3).
17. Install the firing pin retaining pin from the left side of the carrier (Figure 24-4). Confirm that the firing pin is retained. BCG reassembly is now complete.



Make certain to re-install the cam pin in the BCG. The firearm can fire without cam pin and this creates a catastrophic EXTREMELY hazardous condition, that could cause property damage, personal injury or death.

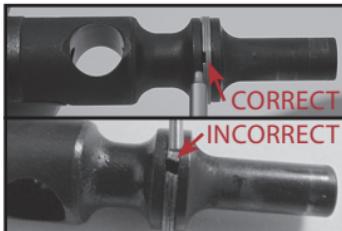


Figure 24-1



Figure 24-2

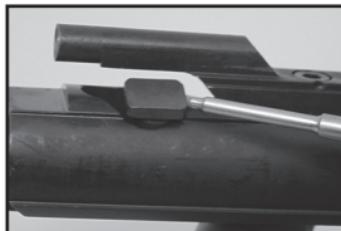


Figure 24-3



Figure 24-4



If you decide to disassemble your Springfield Armory® firearm, do so properly. Improper disassembly and/or assembly will create unsafe conditions that could result in injury or death, or a firearm that simply will not work. Don't take chances. Do not attempt to disassemble this or any other firearm until you have received training and instructions from a competent gunsmith.

FIELD STRIPPING & CLEANING

18. Clean the barrel bore and chamber with a quality bore solvent following the manufacturer's instructions.
19. Use a quality powder solvent to clean the carrier way (tunnel) of the upper receiver and lightly lubricate.
It's not necessary or recommended to remove the trigger action components from the lower receiver to clean.
20. Brush or wipe away excessive fouling. Using a quality aerosol cleaning product is a simple method to clean the lower receiver. Follow the manufacturer's instructions.
21. Lightly oil all exposed metal surfaces of the BCG, upper receiver carrier way and trigger action components of the lower receiver. Wipe away any excessive lubricant.
22. Retract the charging handle about 3". Reinstall the BCG (the bolt must be fully forward in the carrier). Push the BCG fully forward, the rear of the carrier must be flush with the rear of the upper receiver. Close the receiver, press the take-down pin home. The rifle is now ready for service.



Make certain to re-install the cam pin in the BCG. The firearm can fire without cam pin and this creates a catastrophic EXTREMELY hazardous condition, that could cause property damage, personal injury or death.



If you decide to disassemble your Springfield Armory® firearm, do so properly. Improper disassembly and/or assembly will create unsafe conditions that could result in injury or death, or a firearm that simply will not work. Don't take chances. Do not attempt to disassemble this or any other firearm until you have received training and instructions from a competent gunsmith.

FIELD STRIPPING & CLEANING

AN ALTERNATE METHOD CAN BE USED TO COMPLETELY SEPARATE THE UPPER FROM THE LOWER RECEIVER.

1. Always use proper eye protection when cleaning firearms.
2. POINT GUN IN SAFE DIRECTION WHILE KEEPING FINGER OFF THE TRIGGER.
3. Remove magazine and unload firearm.
4. Fully retract the charging handle then release to completely close the bolt.
5. Rotate safety selector to "SAFE" position (See Page 12).
6. Depress the take down pin located just above and to the rear of the safety selector on the left side of the receiver (Figure 26-1).
7. Depress the pivot pin located just below the delta ring (Figure 26-1) on the left side of the receiver. From the right side of the receiver pull the pin outward until the mechanical stop prevents further movement (Figure 26-2).
8. The two receivers can now be separated.



Figure 26-1



Figure 26-2



If you decide to disassemble your Springfield Armory® firearm, do so properly. Improper disassembly and/or assembly will create unsafe conditions that could result in injury or death, or a firearm that simply will not work. Don't take chances. Do not attempt to disassemble this or any other firearm until you have received training and instructions from a competent gunsmith.

FIELD STRIPPING & CLEANING

HANDGUARD REMOVAL

1. Routine cleaning does not usually require handguard removal.
2. **POINT GUN IN SAFE DIRECTION WHILE KEEPING FINGER OFF THE TRIGGER.**
3. Remove magazine and unload firearm. Rotate the safety selector to the "SAFE" position.
4. Retract the delta ring which will allow removal of the upper or lower section of the handguard (Figure 27). Repeat procedure for the remaining handguard sections.



Figure 27



If you decide to disassemble your Springfield Armory® firearm, do so properly. Improper disassembly and/or assembly will create unsafe conditions that could result in injury or death, or a firearm that simply will not work. Don't take chances. Do not attempt to disassemble this or any other firearm until you have received training and instructions from a competent gunsmith.

FIELD STRIPPING & CLEANING

REMOVING THE BUFFER AND SPRING

1. Routine cleaning does not usually require removal of the buffer and buffer spring.
2. **POINT GUN IN SAFE DIRECTION WHILE KEEPING FINGER OFF THE TRIGGER.**
3. Remove magazine and unload firearm. Rotate the safety selector to the "SAFE" position.
4. Separate the upper and lower receivers as described on page 22.
5. Slightly depress the buffer (Figure 28-1) noting that it is under spring tension, depress the buffer retainer and allow the buffer and spring to be removed from the receiver extension (Figure 28-2).
6. Inspect and clean the buffer, spring and receiver extension bore as needed with powder solvent. Wipe dry and lightly lubricate the buffer and bore of tube. Wipe away any excess lube.

Field stripping and cleaning is now complete.



Figure 28-1



Figure 28-2



If you decide to disassemble your Springfield Armory® firearm, do so properly. Improper disassembly and/or assembly will create unsafe conditions that could result in injury or death, or a firearm that simply will not work. Don't take chances. Do not attempt to disassemble this or any other firearm until you have received training and instructions from a competent gunsmith.

REASSEMBLY

NOTE: REASSEMBLY PROCEDURES ON THE SAINT™ ARE THE SAME REGARDLESS OF CALIBER.



Caution: Never allow live ammunition in the area while you are maintaining your firearms.

Reassembly is achieved by reversing the order of the disassembly steps. Some items to keep in mind during the reassembly are:

1. When reinstalling the buffer and buffer spring, push the buffer fully into the buffer tube, passing the buffer detent to ensure that it is fully captured by the detent.
2. **DO NOT FORGET THE CAM PIN.** The rifle may chamber a round and fire without the cam pin, but that shot could lead to catastrophic failure of the weapon.



WARNING

Make certain to re-install the cam pin in the BCG. The firearm can fire without cam pin and this creates a catastrophic EXTREMELY hazardous condition, that could cause property damage, personal injury or death.

DETAILED MAINTENANCE

Detailed maintenance should be performed every 2,000 rounds.

1. Check to make sure firearm is not loaded.
2. Field strip the firearm as detailed on page 22.
3. Scrub the bolt (including the extractor) with a nylon brush dipped in solvent. Pay particular attention to removing build up of any type in the extractor groove. Wipe away any remaining solvent with a rag or cloth.
4. Scrub the bolt carrier, firing pin and the interior of the upper receiver with a nylon brush dipped in cleaning solvent.
5. Clean the firing pin hole and firing pin cavity of the bolt with a pipe cleaner.
6. Wipe away any remaining solvent thoroughly with a rag.
7. Apply a moderate coat of lubricant to the cavity on the carrier into which the bolt is installed.

LUBRICATION POINTS

1. Bolt carrier body and cam pin, especially along the runners on the bottom of the carrier and the bosses on the rear. Place two drops of lubrication into cam pin slot.
2. Inside of the upper receiver.
3. Outside of the long, thin section of the charging handle.
4. Take down pins.

ACCU-TITE™ SYSTEM



Always wear eye and ear protection when using any firearm.

Your SAINT™ rifle is equipped with an Accu-Tite™ system, a nylon tip tension screw located in the lower receiver. The Accu-Tite™ is designed to adjust the tension between the upper and lower receivers. Adjusting the tension controls unwanted movement or play between the upper and lower receivers to achieve the full accuracy potential of your firearm.

To adjust the Accu-Tite™ tension you first need to remove your pistol grip.

1. Using a 3/16 Allen wrench, unscrew the pistol grip screw located inside the pistol grip (Figure 31-1). Pull pistol grip away from the lower receiver. Note the orientation of the safety spring and safety plunger (Figure 31-2).

CAUTION: When the pistol grip screw is removed, the selector spring and selector plunger may fall free. These parts are the detent for the safety selector, be careful not to lose them.

2. The Accu-Tite™ tension screw is located on the bottom of the lower receiver.

NOTE: The Accu-Tite™ tension screw has been applied with thread locker at the factory.

Using 1/8 Allen Wrench, adjust the screw to your desired tension (Figure 31-3). Depending on how tight you set the screw, the take down pin may be difficult or impossible to move.

NOTE: The upper and lower receiver assemblies must be together to properly adjust the tension. Once you have set your desired tension, carefully reassemble your pistol grip.

CAUTION: Make sure you align the pistol grip screw properly. Misalignment could cause damage to your lower receiver.

CAUTION: Make sure you align the safety spring and safety plunger properly. These parts are the detent to your safety selector. Make sure safety selector operates properly before firing the firearm.



Figure 31-1



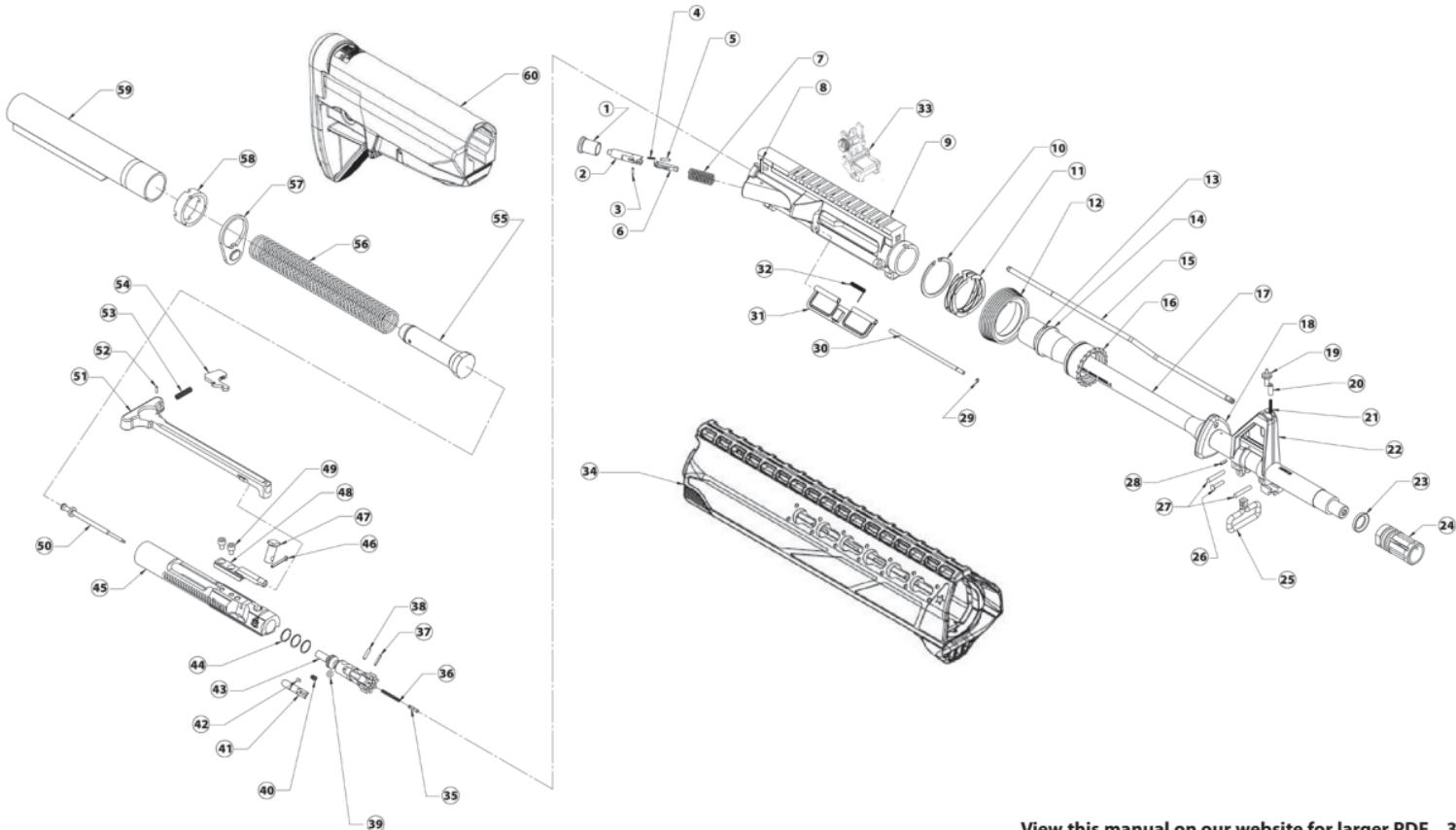
Figure 31-2



Figure 31-3

SAINT™ UPPER RECEIVER PARTS LIST

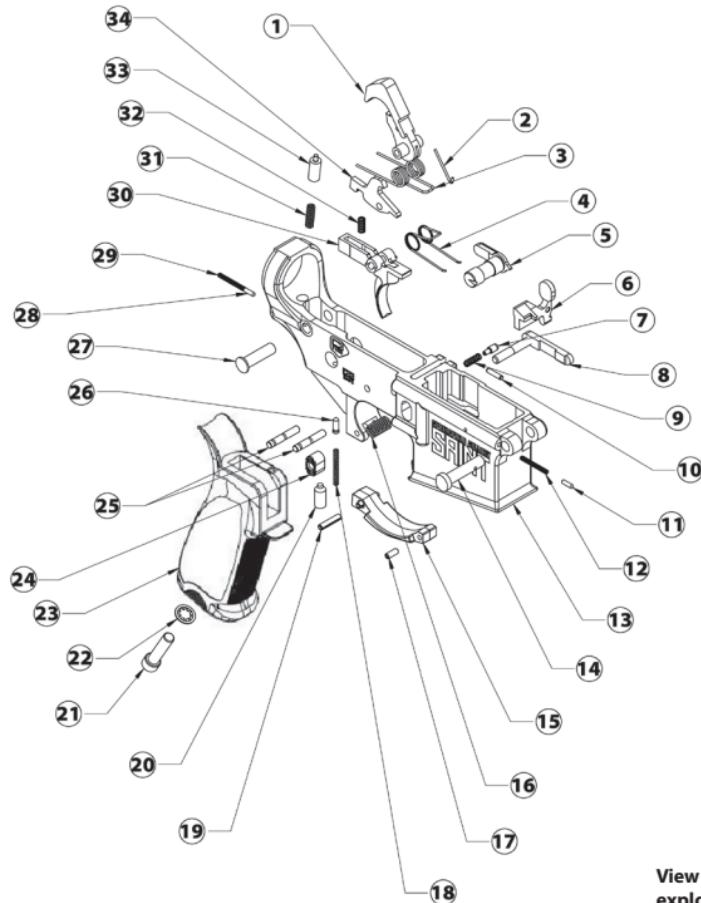
1	Forward Assist Plunger Cap	21	Front Sight Detent Spring	41	Extractor
2	Forward Assist Plunger	22	Front Sight Base	42	Extractor Spring Insert
3	Forward Assist Plunger Pawl Spring Pin	23	Crush Washer	43	Bolt
4	Forward Assist Pawl Spring	24	Flash Suppressor	44	Bolt Ring
5	Forward Assist Pawl Detent	25	Front Sling Swivel	45	Bolt Carrier
6	Forward Assist Pawl	26	Front Sling Swivel Rivet	46	Cam Pin
7	Forward Assist Spring	27	Front Sight Taper Pin	47	Firing Pin Retaining Pin
8	Forward Assist Spring Pin	28	Gas Tube Roll Pin	48	Bolt Carrier Key
9	Upper Receiver	29	Ejection Port Cover Snap Ring	49	Bolt Carrier Key Screw
10	Hand Guard Snap Ring	30	Ejection Port Cover Pin	50	Firing Pin
11	Weld Spring	31	Ejection Port Cover Assembly	51	Charging Handle
12	Delta Ring	32	Ejection Port Cover Spring	52	Charging Handle Latch Roll Pin
13	Barrel Extension Pin	33	Flip Up Rear Sight Assembly	53	Charging Handle Latch Spring
14	Barrel Extension	34	Handguard	54	Charging Handle Latch
15	Mid Length Gas Tube	35	Ejector	55	"H" Buffer Assembly
16	Barrel Nut	36	Ejector Spring	56	Buffer Spring
17	Barrel	37	Ejector Roll Pin	57	Receiver End Plate
18	Handguard Cap Triangle	38	Extractor Pin	58	Receiver, Extension Castle Nut
19	Front Sight Post	39	Extractor O-Ring	59	Receiver Extension Tube
20	Front Sight Detent	40	Extractor Spring	60	Buttstock Assembly



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SAINT™ LOWER RECEIVER PARTS LIST

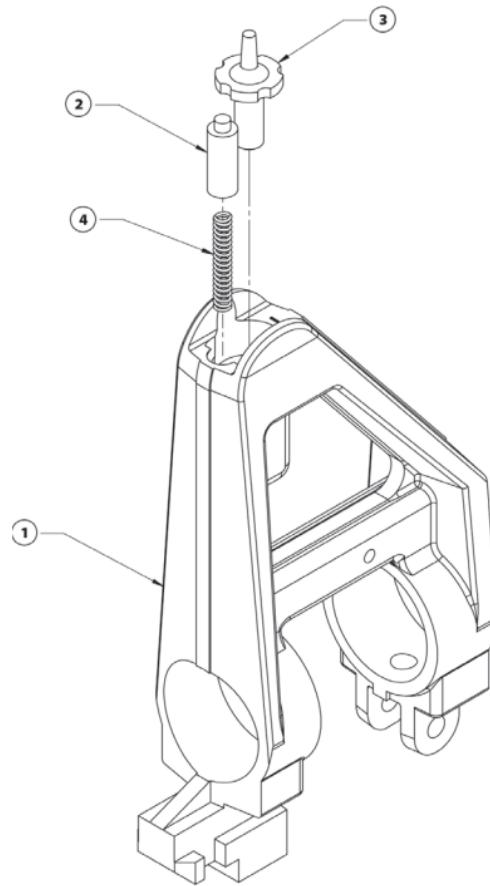
1 Hammer	13 Lower Receiver	25 Hammer & Trigger Pin
2 Hammer Pin Spring	14 Pivot Pin	26 Safety Detent
3 Hammer Spring	15 Trigger Guard	27 Take-Down Pin
4 Trigger Springs	16 Magazine Catch Spring	28 Take-Down Detent
5 Safety Selector	17 Trigger Guard Set Screw/Pin	29 Take-Down Detent Spring
6 Bolt Catch	18 Safety Selector Detent Spring	30 Trigger
7 Bolt Catch Plunger	19 Trigger Guard Pivot Roll Pin	31 Buffer Retainer Spring
8 Magazine Catch	20 Accu-Tite™ Tension Screw	32 Disconnector Spring
9 Bolt Catch Plunger Spring	21 Pistol Grip Screw	33 Buffer Retainer
10 Bolt Catch Pin	22 Pistol Grip Screw Lock Washer	34 Disconnector
11 Take-Down Detent	23 Pistol Grip	
12 Take-Down Detent Spring	24 Magazine Catch Button	



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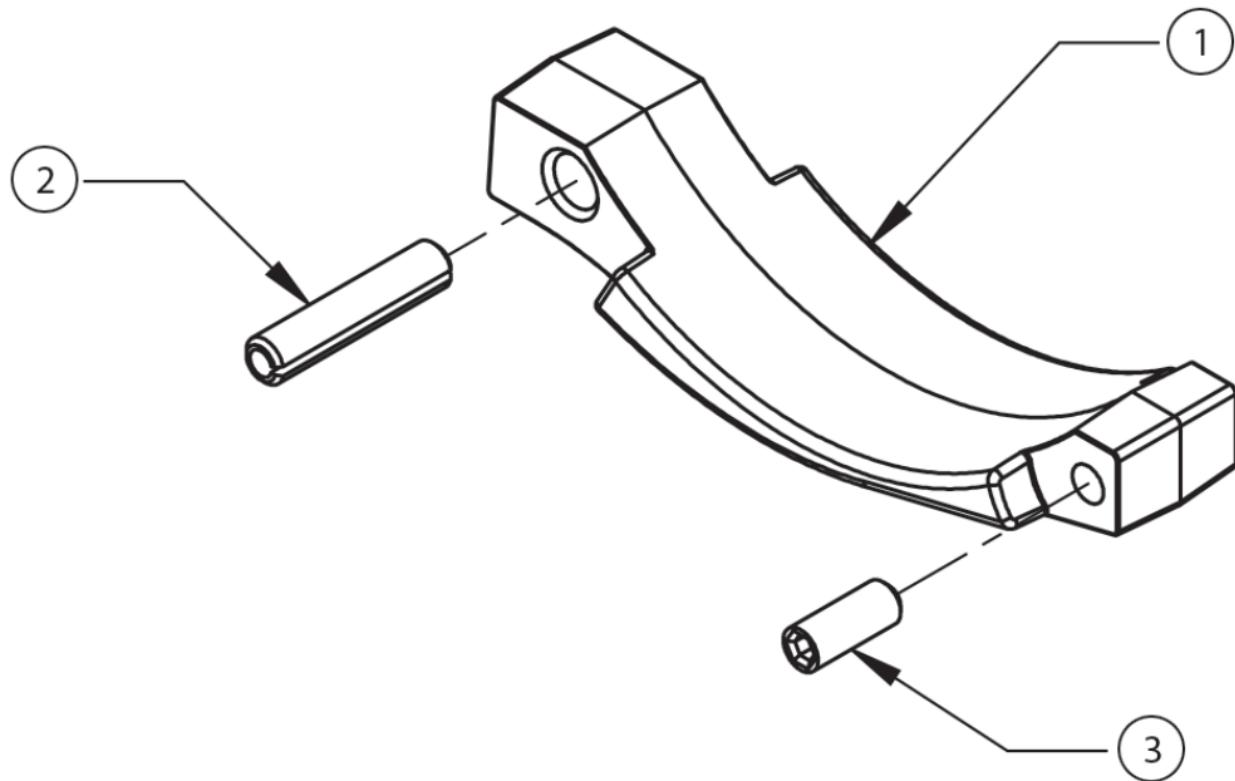
SAINT™ FRONT SIGHT ASSEMBLY

- 1 Front Sight Body
- 2 Front Sight Detent
- 3 Front Sight Post
- 4 Front Sight Detent Spring



SAINT™ TRIGGER GUARD ASSEMBLY

- 1 Trigger Guard
- 2 Trigger Guard Pivot Roll Pin
- 3 Set Screw



SIGHT ADJUSTMENT

Your SAINT™ Rifle is equipped with adjustable sights. The rear sight adjusts the bullet impact horizontally (windage) and the front sight changes bullet impact vertically (elevation).

The rear sight has an adjustment knob on the right side of the sight (Figure 40-1). Turning the knob "clockwise" moves the bullet impact to the right. Counter clockwise moves the impact to the left. As the knob is rotated you will hear and feel distinctive "clicks". Each click moves the bullet impact $1/2"$ at 100 yards.

There are two apertures on the rear sight. Flip the aperture up or down to change (Figure 40-2). The small aperture is for normal shooting, the large aperture is for fast close quarter's target acquisition.

The front sight is adjusted by turning the sight post. Clockwise rotation raises the bullet impact and counter rotation lowers the impact. The tip of a bullet can be used (or sight adjustment tool) to press the detent and rotate the sight post (Figure 40-3). Each $1/4$ turn of the sight post moves the bullet impact $2"$ at 100 yards.



Figure 40-1

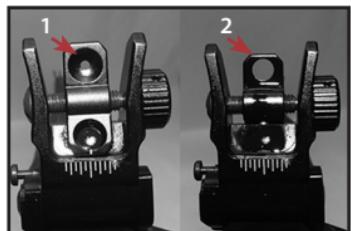


Figure 40-2



Figure 40-3

CABLE LOCK

Step 1 - Point gun in safe direction while keeping your finger off the trigger.

Step 2 - Press magazine release and remove magazine.

Step 3 - Pull charging handle fully to the rear and lock open.

Step 4 - Check to see that no cartridge is in the chamber.

Step 5 - Insert cable through the ejection port and out magazine well.

Step 6 - Lock cable into cable lock.

Step 7 - Grasp charging handle and ease forward.



CAUTION: GUNS SHOULD ALWAYS BE LOCKED AND STORED IN COMPLETE COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS.



Store key separately away from lock and out of reach of children. Springfield Armory® firearm boxes are also designed for an exterior lock. (Not Included)

This cable lock is supplied as an aid to your security measures.

SPRINGFIELD ARMORY® LIMITED WARRANTY

This Limited Warranty is issued by Springfield, Inc., d/b/a Springfield Armory®, an Illinois corporation ("Springfield" or "we" or "us" or "our") to "You" the original retail purchaser (also "YOUR") of a Springfield product (the "Product"). This Limited Warranty gives You specific legal rights, and You may also have other rights which vary from state to state.

WHO AND WHAT IS COVERED BY THIS WARRANTY?

Springfield, Inc. warrants to You, the original retail purchaser of the Product, that the Product You purchased will be free of defects in workmanship or material, subject to the terms of this document.

HOW LONG WILL THIS WARRANTY LAST?

This Warranty will be in effect during the time that YOU, the original retail purchaser, own the product. Proof of original purchase required.

WHAT WILL SPRINGFIELD DO IF YOU DISCOVER A DEFECT?

If, during YOUR ownership of the Product, one or more parts of the Product fail due to defects in materials or workmanship, Springfield will provide, free of charge, a new, repaired or reconditioned (decided at our discretion) Product. That new, repaired or reconditioned Product will be warranted for the remainder of YOUR ownership of the Product under these same terms and conditions.

WHAT IS NOT COVERED BY THIS LIMITED WARRANTY?

This Limited Warranty does not cover any damage or condition determined by Springfield to be caused by: unauthorized repairs, disassembly, adjustments or modifications, carelessness, negligence, misuse, or unsafe handling, normal wear and tear, failure to properly or reasonably store, use, or maintain the product, hand-loaded, reloaded, remanufactured, or defective ammunition.

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This Limited Warranty will be governed and construed in accordance with the law of the State of Illinois, without regard to Illinois' conflict of law rules. Any litigation between SPRINGFIELD and YOU or YOUR heirs, representatives or assigns shall be filed before a court of competent jurisdiction and venue in the 14th Judicial District of the State of Illinois. YOU HEREBY CONSENT TO THE IN PERSONAM JURISDICTION AND VENUE OF THE ILLINOIS COURTS, AND THAT SERVICE OF THE PROCESS MAY BE MADE UPON YOU AS PROVIDED BY ILLINOIS LAW.



NOTES:



Always wear eye and ear protection when using any firearm.



**Safety and instruction manuals are available from
Springfield, Inc.**

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