SIG SAUER®



SIG HYP®

OPERATOR'S MANUAL: HANDLING & SAFETY INSTRUCTIONS

READ THE INSTRUCTIONS IN THIS MANUAL CAREFULLY BEFORE USING THIS FIREARM.

WARNING

BEFORE OPERATING THE FIREARM, REVIEW THE SAFETY WARNINGS MANUAL THAT WAS PROVIDED WITH THE FIREARM. ALTERNATIVELY, REFER TO SIGSAUER.COM FOR THE LATEST SAFETY WARNING INFORMATION.

For more information, scan the QR code below to visit sigsauer.com.

1.0 SAFETY WARNINGS

READ THIS ENTIRE MANUAL THOROUGHLY AND CAREFULLY PRIOR TO USING THIS FIREARM.
SIG SAUER INC.® firearms are designed to function reliably with proper care and knowledgeable use. Operators must understand the safe operation and use of any SIG SAUER firearm. Read and follow these instructions carefully. Do not use the firearm without understanding the instructions outlined in this manual and the safe operation of the firearm. **Failure to follow the instructions outlined in this manual may result in serious injury or death to the operator and/or others. Damage to the firearm and other property may also occur.**

The warnings in this operator's manual are extremely important. By understanding the dangers inherent in the use of any firearm, and by taking the precautions described in this manual, you can experience a high level of safety in the use of your firearm. Failure to heed any of these warnings may result in serious injury or death to you or others, as well as severe damage to the firearm or other property.

WARNINGS

WARNINGS in this manual identify a clear danger to the person performing that procedure. Warnings are identified by a red banner with the word **WARNING** in white, bold, uppercase letters and a **WARNING** icon. Failure to comply with a **WARNING** can result in serious injury or death to you or a bystander.

WARNING

CAUTIONS in this manual identify a risk of damage to the firearm being maintained. **CAUTIONS** are identified by a black banner with the word **CAUTION** in white, bold, uppercase letters.

CAUTION

2.0 HANDLING

Your firearm comes equipped with effective, well-designed safety features. However, never rely completely on any safety mechanism. Safety mechanisms are designed to augment, not replace, safe handling practices. Careless and improper handling of any firearm can result in an unintentional discharge.

Proper and applied training in safe firearm handling will ensure the safe use of your firearm. Like all mechanical devices, the safety mechanisms are subject to breakage or malfunction and can be negatively affected by wear, abuse, dirt, corrosion, incorrect assembly, improper adjustment or repair, or lack of maintenance. Moreover, there is no such thing as a safety mechanism that is "childproof" or that can completely prevent accidental discharge from improper usage, carelessness, "horseplay," or abusive handling.

Always handle your firearm as though you expect the safeties not to work.

THE MOST EFFECTIVE SAFETY IS TO CARRY FIREARM WITHOUT A ROUND IN THE CHAMBER, AND TO LOAD A ROUND IN THE CHAMBER ONLY WHEN READY TO FIRE.

Do not load a cartridge into the chamber until you are ready to use the firearm. Keep the firearm on SAFE until you are actually ready to use the firearm. Always move the selector fully to its engaged position and visually check it. The selector is not on SAFE unless it is completely on SAFE.

WARNINGS

2.1 BASIC RULES OF SAFE FIREARMS HANDLING

- ALWAYS treat every firearm as if it were loaded.
- ONLY load a round in the chamber when ready to fire.
- NEVER pull the trigger or place fingers on the trigger or in the trigger guard until ready to fire.
- NEVER allow clothing or other foreign objects to interfere or come in contact with the trigger.
- ALWAYS be sure the barrel is clear of any obstruction.
- ALWAYS be aware of the surroundings, and the safety of bystanders before shooting. Know the target and what is in front of and beyond it.
- ALWAYS use clean, dry, original factory-made ammunition of the proper type and caliber for the firearm.
- ALWAYS wear ear protection and safety glasses when shooting.
- ALWAYS carry a firearm so that control of the muzzle can be maintained in the event of a fall or stumble.
- NEVER shoot at a flat surface or water.
- DO NOT leave a loaded firearm unattended. Only store a firearm that is unloaded, cleared of all ammunition, and locked in a secure place inaccessible to children or unauthorized persons.

- NEVER allow the firearm to be used by anyone who has not read and understood the Operator's Manual.
- ALWAYS unload and clear a firearm according to the instructions in the Operator's Manual before handing it to another person.
- DO NOT point any firearm, loaded or unloaded, at any undesignated or unsafe target.
- NEVER discharge a firearm near an animal unless the animal is trained to accept the noise. An animal's startled reaction could injure it or cause an accident.
- NEVER drink alcoholic beverages or use drugs before or during shooting, as vision and judgment could be seriously impaired, making firearm handling unsafe.
- ALWAYS seek a doctor's advice before using a firearm if using medication that would impair judgment or usage.

2.2 ABUSIVE HANDLING

SIG SAUER firearms incorporate effective mechanical safeties. However, like any mechanical device, exposure to abusive conditions may harm these safety mechanisms and cause them to fail to work as designed. Do not subject the SIG SAUER firearm to any abusive handling. This includes the firearm being dropped, impact to the firearm, or the firearm being struck by another object. Always maintain control of the firearm. If the firearm suffers an abusive event such as previously described, or experiences a malfunction, do not attempt to use the firearm. Keep the firearm pointed in a safe direction, unload and clear the firearm of all ammunition immediately, and have it inspected by a certified SIG SAUER armorer before using the firearm.

ALWAYS keep the firearm pointed in a safe direction. A safe direction is defined as an area where, if the firearm were to discharge, no property damage would occur, and no personal injury would result.

As previously noted, if the SIG SAUER firearm suffers an abusive event, unload it immediately and have it inspected by a certified SIG SAUER Armorer prior to using the firearm. If the firearm suffers an abusive event during a life-threatening/self-defense situation, follow the steps below immediately:

1. Pull the charging handle entirely rearward to eject the chambered cartridge.
2. Return the charging handle forward to chamber a new cartridge and reset the hammer.
3. The firearm should now be returned to proper operational condition.

Intentional or repetitive abusive handling of any SIG SAUER firearm will void the manufacturer's warranty and could render the firearm unsafe.

3.0 ALTERATIONS AND REPLACEMENT PARTS

Do not attempt to disassemble a SIG SAUER firearm beyond the point explained in the Operator's Manual. Disassembly beyond the instructions in the Operator's Manual is restricted to a certified SIG SAUER Armorer. Failure to comply with these restrictions will void the warranty.

This SIG SAUER firearm was designed to function properly in its original condition. Unauthorized alterations can make it unsafe. Do not alter or substitute any parts in this firearm with unauthorized parts or accessories. Warnings and instructions about the use of SIG SAUER replacement parts, assemblies, and accessories may be described in instructions accompanying the specific products. Read and carefully follow those instructions. Failure to comply may result in serious injury or death to the operator and/or others. The use of aftermarket replacement parts is unauthorized and, in some instances, could alter the function of the firearm.

3.1 ACCESSORIES

It is the responsibility of the operator to ensure all accessories are compatible with the firearm and do not interfere with the safe operation and handling of the firearm.

WARNINGS

3.2 TRANSPORTING

When transporting a firearm, be sure the firearm is unloaded and cleared of all ammunition. It is the responsibility of the operator to know the laws of different states and jurisdictions when traveling with a firearm.

3.3 STORAGE

Safe and secure storage is an important responsibility. The only safe way to store a firearm is unloaded, cleared of all ammunition, and locked in a secure place inaccessible to children or unauthorized persons.

3.4 CHAMBER SAFETY FLAG

Every SIG SAUER firearm is shipped with a chamber safety flag. When installed, the chamber safety flag prevents the chambering of a round and provides a readily visible indication that the firearm's chamber is empty. The chamber safety flag is to be placed in the firearm's chamber at all times when the firearm is not in use. Many public ranges require chamber safety flags be installed when the firing line is cold.

3.5 LIABILITY

This product is classified as a FIREARM and is sold by SIG SAUER with the specific understanding that we shall not be responsible in any manner whatsoever for malfunctioning of the firearm, physical injury, or property damage resulting in whole or in part from:

- **Criminal or negligent discharge**
- **Improper, careless, or abusive handling**
- **Unauthorized modifications or parts replacement**
- **Defective, improper, hand-loaded, or reloaded ammunition**
- **Corrosion**
- **Neglect**
- **Other influences beyond our direct and immediate control**

This limitation applies regardless of whether liability is asserted on the basis of contract, negligence, or strict liability (including any failure to warn). Under no circumstance shall SIG SAUER be liable for incidental or consequential damages such as loss of use of property, commercial loss, and loss of earnings or profits.

WARNINGS

4.0 EYE AND EAR PROTECTION



Always wear safety glasses that meet the requirements of American National Standards Institute (ANSI) z87.1 or European Standard (EN)166:2001 and ear plugs and "earmuff" type protectors whenever shooting. Always make certain that persons close are similarly protected. Unprotected eyes may be injured by powder, gas, carbon residue, lubricant, metallic particles, or similar debris that may emanate occasionally from any firearm in normal use. Without ear protection, repeated exposure to shooting noise may lead to cumulative, permanent hearing loss.

5.0 AMMUNITION

Use only high-quality, original, factory-manufactured ammunition. Do not use cartridges that are dirty, wet, corroded, bent, or damaged. A damaged or deformed cartridge may impede chambering or cause the cartridge case to burst upon firing. Do not oil cartridges. Lubricant or other foreign matter on cartridges can potentially cause dangerous ammunition malfunctions. Some highly penetrative lubricants can also migrate inside cartridge cases and cause deterioration of the propellant powder; on firing, the powder might not ignite. If only the primer ignites, there is danger that the bullet may become lodged in the barrel. Only use ammunition of the caliber for which the firearm is chambered.

The proper caliber is permanently engraved on the firearm's barrel.

The use of reloaded, hand-loaded (re-manufactured), or other nonstandard ammunition voids all warranties. Reloading is a science, and improperly loaded ammunition can cause severe damage to the firearm and may result in serious injury or death to the operator and/or others.

Always use ammunition that complies with the industry performance standards established by the Sporting Arms and Ammunition Manufacturers' Institute, Inc. (SAAMI) or ammunition manufactured to U.S. military specifications.

SIG SAUER specifically disclaims responsibility for any damage or injury whatsoever occurring in connection with, or as a result of, the use in any SIG SAUER firearm of faulty, nonstandard, hand-loaded (reloaded) ammunition, or cartridges other than those for which the firearm was originally chambered. Excessive pressure inside the chamber or barrel while firing a firearm may cause severe damage and serious injury or death to the shooter or to others may occur.

WARNING: CANCER AND REPRODUCTIVE HARM—www.P65warnings.ca.gov



DISCHARGING FIREARMS IN POORLY VENTILATED AREAS, CLEANING FIREARMS, OR HANDLING AMMUNITION MAY RESULT IN EXPOSURE TO LEAD AND OTHER SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS, REPRODUCTIVE HARM, AND OTHER SERIOUS PHYSICAL INJURY. MAINTAIN ADEQUATE VENTILATION AT ALL TIMES. WASH HANDS THOROUGHLY AFTER EXPOSURE. SHOOTING OR CLEANING FIREARMS MAY EXPOSE OPERATORS TO LEAD.

WARNINGS

6.0 LOCKING DEVICES



All SIG SAUER firearms are shipped with a key-operated locking device or a lockable case.

Never install the locking device inside the trigger guard or in any way that makes it possible to pull the trigger. Do not leave the keys in the lock.

All firearm owners are responsible for secure storage of any firearm.

ALWAYS refer to the locking device's manufacturer directions for installation and removal of the device.



7.0 SAFETY INFORMATION

This Operator's Manual is designed to assist you in learning how to use and care for your SIG SAUER® firearm properly.

Only when you are certain that you fully understand this manual and can properly carry out its instructions should you practice loading and firing your firearm with live ammunition. Having a firearm in your possession is a full-time job; you cannot guess and you cannot forget. You must know how to use your firearm safely.

If you have any doubts about your ability to handle or use this firearm safely, you should seek supervised instruction.

The SIG SAUER Academy provides all levels of firearms safety and skill training, from beginner to expert.

For more information contact:

SIG SAUER ACADEMY

sigsaueracademy.com • (603) 610-3400
Epping, New Hampshire

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

For more information about safety, responsible firearms ownership, and shooting sports, contact:
National Rifle Association (NRA) of America
11250 Waples Mill Road, Fairfax, VA 22030-7400 • 1-800-672-3888
nra.com

Contents

1.0 SAFETY WARNINGS 4
2.0 HANDLING 6
2.1 BASIC RULES OF SAFE FIREARMS HANDLING 7
2.2 ABUSIVE HANDLING 9
3.0 ALTERATIONS AND REPLACEMENT PARTS 10
3.1 ACCESSORIES. 10
3.2 TRANSPORTING 11
3.3 STORAGE. 11
3.4 CHAMBER SAFETY FLAG 11
3.5 LIABILITY 12
4.0 EYE AND EAR PROTECTION 13
5.0 AMMUNITION 13
6.0 LOCKING DEVICES 15
7.0 SAFETY INFORMATION 16
8.0 MECHANICAL CHARACTERISTICS 21
8.1 GENERAL DESCRIPTION 21
8.2 CONTROLS AND FEATURES. 22
8.3 GROUPS AND ASSEMBLIES 24
UPPER RECEIVER GROUP 24
LOWER RECEIVER GROUP 28
8.4 CYCLE OF FUNCTION. 29



9.0 HANDLING 37
9.1 PREPARATION INSTRUCTIONS 37
9.2 SAFETY SELECTOR 38
9.3 UNLOAD AND CLEAR THE RIFLE 39
9.4 ADJUSTABLE GAS VALVE 42
NORMAL SETTING 42
ADVERSE SETTING. 43
SUPPRESSED SETTING 44
GAS VALVE OFF 45
9.5 BUTTSTOCK 46
ADJUSTING THE BUTTSTOCK. 46
9.6 LOADING / RELOADING 47
LOADING THE MAGAZINE 47
LOADING RIFLE (BOLT LOCKED TO THE REAR) 48
LOADING RIFLE (BOLT FORWARD). 49
RELOADING RIFLE (EXPENDED MAGAZINE, BOLT LOCKED TO THE REAR) 49
RELOADING RIFLE (PARTIALLY EXPENDED MAGAZINE, BOLT FORWARD, LIVE ROUND CHAMBERED). 50
9.7 FIRING 51
9.8 ADVERSE / SPECIAL ENVIRONMENTAL CONDITIONS 52
10.0 OPERATOR LEVEL AUTHORIZED PREVENTIVE MAINTENANCE. 54
10.1 FIELD STRIP THE SIG HYP 54

11.0 CLEANING AND LUBRICATION 62
11.1 CLEANING. 63
CLEANING THE BORE AND CHAMBER 63
CLEANING THE UPPER AND LOWER RECEIVERS 65
CLEANING THE OPERATING GROUP 66
11.2 LUBRICATION 67
LUBRICATE UPPER AND LOWER RECEIVERS 67
LUBRICATE OPERATING GROUP 68
12.0 ASSEMBLY 69
13.0 FUNCTION CHECK. 79
14.0 MAGAZINE MAINTENANCE 81
14.1 DISASSEMBLE MAGAZINE 81
14.2 CLEANING 82
14.3 ASSEMBLE MAGAZINE 83
15.0 HANDGUARD 84
15.1 HANDGUARD REMOVAL. 84
15.2 HANDGUARD INSTALLATION 86
16.0 TROUBLESHOOTING GUIDE 88
16.1 STOPPAGES. 88
16.2 OBSTRUCTED BORE 89
16.3 COOK-OFF 90
16.4 GENERAL STOPPAGES 91
16.5 MINIMIZING STOPPAGES 93



17.0 SIG HYP PARTS DIAGRAMS 94
17.1 RIFLE PARTS DIAGRAM. 94
17.2 BOLT ASSEMBLY PARTS DIAGRAM 95
18.0 STORAGE AND TRANSPORTATION 96
18.1 STORAGE 96
18.2 TRANSPORTATION 97
19.0 REPLACEMENT PARTS POLICY 98
20.0 FACTORY REPAIR OF THE FIREARM. 100
21.0 RETURNING FIREARMS FOR REPAIR. 101
SIG SAUER INFINITE GUARANTEE™ 102

8.0 MECHANICAL CHARACTERISTICS

8.1 GENERAL DESCRIPTION

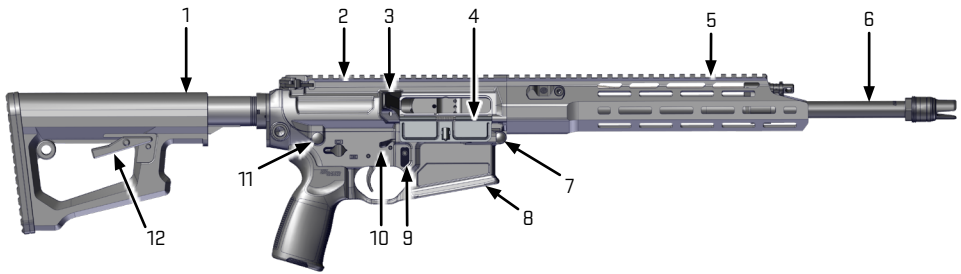
The SIG HYP is a direct impingement semi-automatic rifle with a rotary bolt mechanism designed and chambered for high pressure ammunition such as 6.8x51 Hybrid/.277 Fury ammunition. Firing takes place each time the trigger is pulled, and the operator must release the trigger to reset before firing another cartridge. The bolt remains open after the last cartridge has been fired.

The SIG HYP features a four position gas valve to allow the operator to easily adjust for different situations. The gas valve can be adjusted to OFF to shut off the gas system if desired.

There is a MIL-STD 1913 rail along the top of the receiver and handguard as well as multiple M-LOK attachment points on the handguard for attaching accessories.

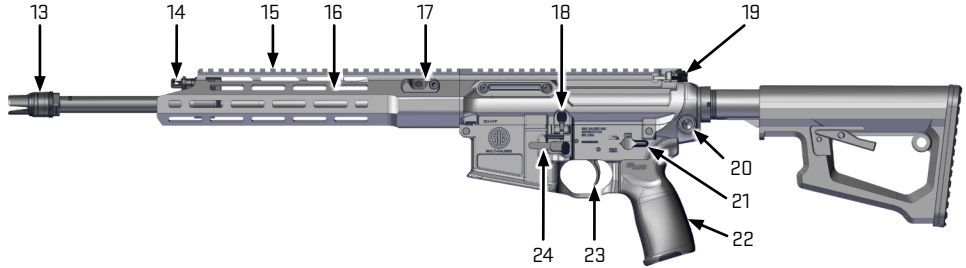
Additional information about SIG SAUER® products, SIG SAUER Academy and the SIG Experience Center, Special Programs, and additional support can be found by scanning the QR code below to visit sigsauer.com.

8.2 CONTROLS AND FEATURES



NUMBER	NOMENCLATURE
1	Buttstock
2	Upper Receiver
3	Deflector
4	Ejection Port Cover
5	Handguard
6	Barrel

NUMBER	NOMENCLATURE
7	Pivot Pin
8	Magazine Well
9	Magazine Release Button
10	Bolt Catch Lever
11	Takedown Pin
12	Stock Latch



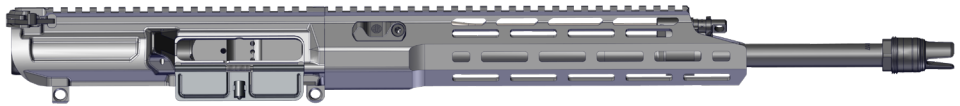
NUMBER	NOMENCLATURE
13	Flash Hider
14	Gas Valve
15	MIL-STD 1913 Rail
16	M-LOK Attachment Points
17	Handguard Clamp
18	Bolt Catch Lever

NUMBER	NOMENCLATURE
19	Charging Handle
20	QD Attachment Point
21	Safety Selector Lever
22	Grip
23	Trigger
24	Magazine Catch

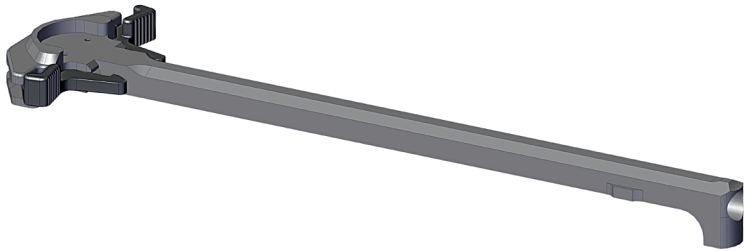
8.3 GROUPS AND ASSEMBLIES

UPPER RECEIVER GROUP

The Upper Receiver Group is comprised of the following assemblies:

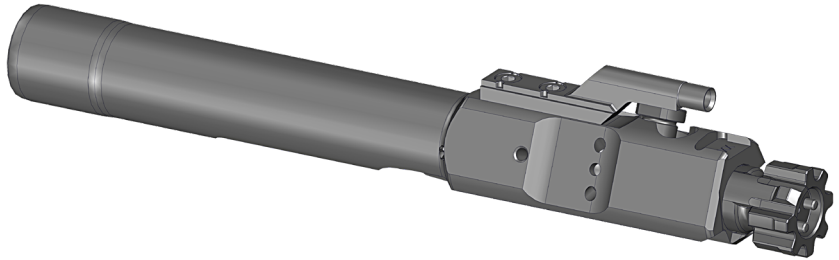


Charging Handle Assembly



Operating Group

The operating group consists of the bolt assembly, cam pin, bolt carrier, gas key, firing pin, firing pin lock, and firing pin retaining pin. The bolt assembly consists of the bolt assembly, extractor, extractor spring, ejectors, ejector springs, and spiral gas ring.



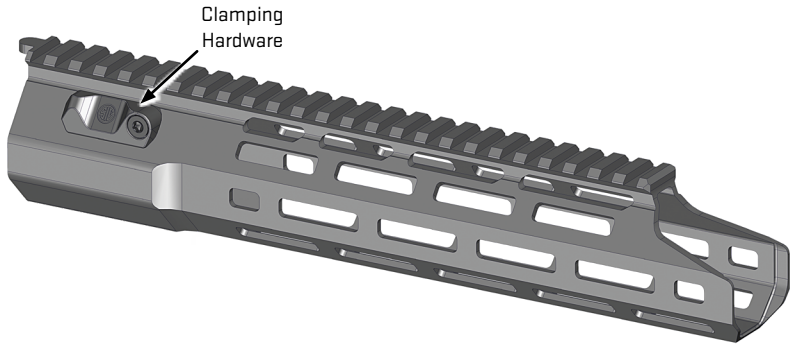
Barrel Assembly

The upper receiver and barrel assembly includes the upper receiver, barrel nut, barrel extension, flash hider, gas block, gas valve, gas tube, and deflector. The barrel is mechanically mated to the receiver by the barrel nut and the barrel extension. The gas block features an adjustable gas valve.



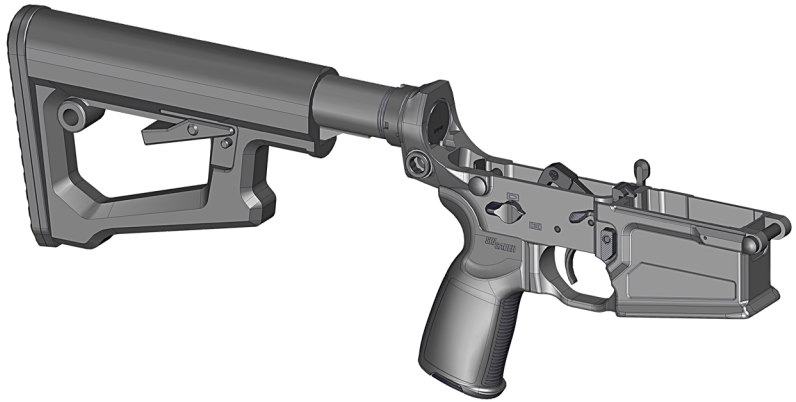
Handguard Assembly

The handguard assembly is comprised of the one piece handguard and the clamping hardware. The handguard features a window for accessing the gas valve and a MIL-STD 1913 rail and multiple M-LOK points for mounting accessories.



LOWER RECEIVER GROUP

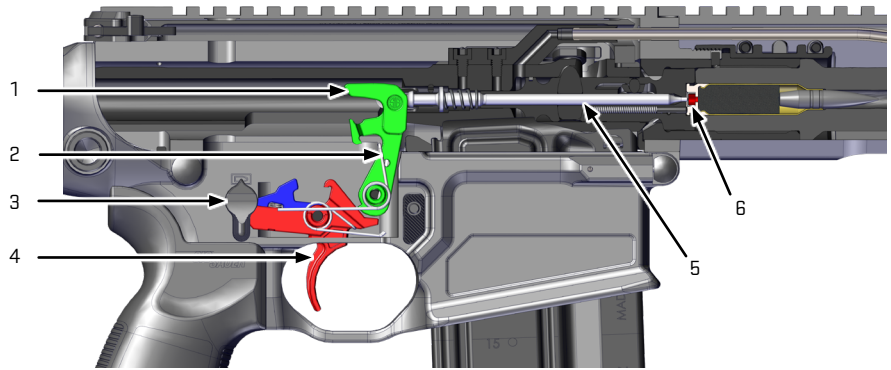
The Lower Receiver Group consists of the following assemblies: lower receiver assembly with fire control components, buffer, action spring, bolt catch, ambidextrous magazine catch, buttstock assembly, and grip assembly.



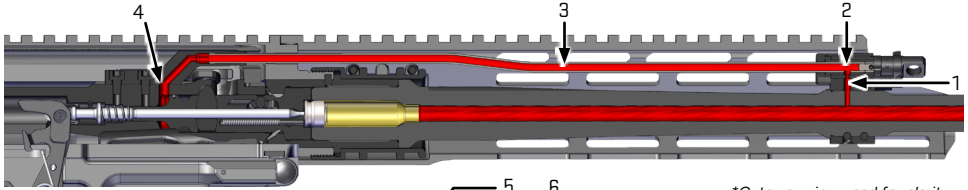
8.4 CYCLE OF FUNCTION

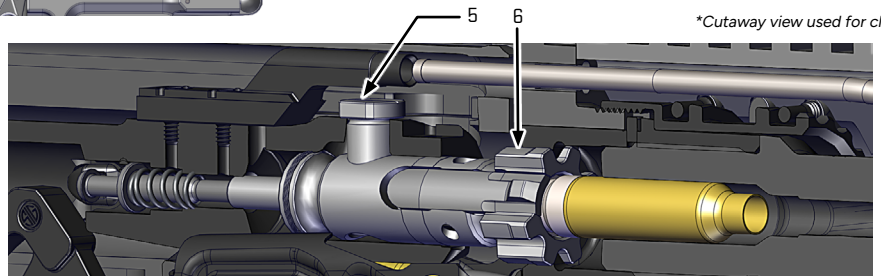
The SIG HYP's cycle of operation has eight steps which begin after a loaded magazine is inserted into the firearm and a cartridge is chambered.

FIRING: The safety selector lever (3) is rotated to the SEMI position. The trigger (4) is pulled and the hammer (1) is released. The hammer spring (2) drives the hammer forward to override the firing pin lock and strike the firing pin (5). The firing pin strikes the cartridge primer (6), causing detonation.



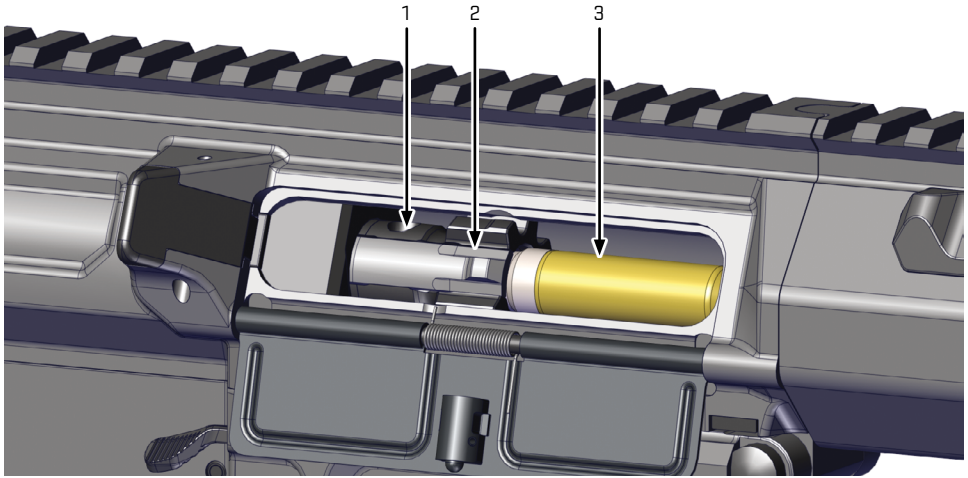
UNLOCKING: As the projectile passes the gas port in the barrel, a small amount of gas (illustrated in red) is bled off, traveling up through the gas port (1) and into the gas block (2). The gas travels through the gas tube (3) to the gas key of the bolt carrier (4). This gas then begins the rearward movement of the operating group, causing the cam pin (5) to rotate the bolt (6) to the unlocked position. The bolt's rotation twists the spent case and aids in extraction from the chamber.



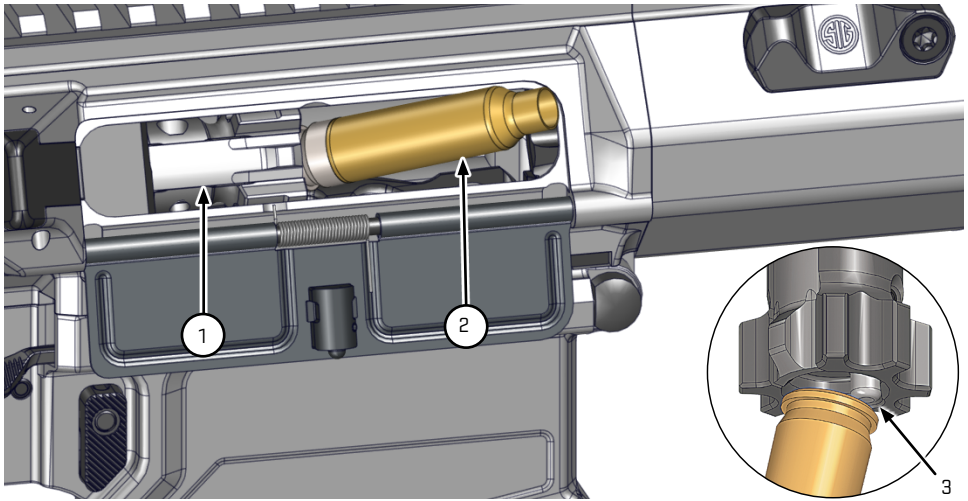


**Cutaway view used for clarity*

EXTRACTION: As the operating group (1) moves rearward, the spent case (3) is pulled free from the chamber by the extractor (2).

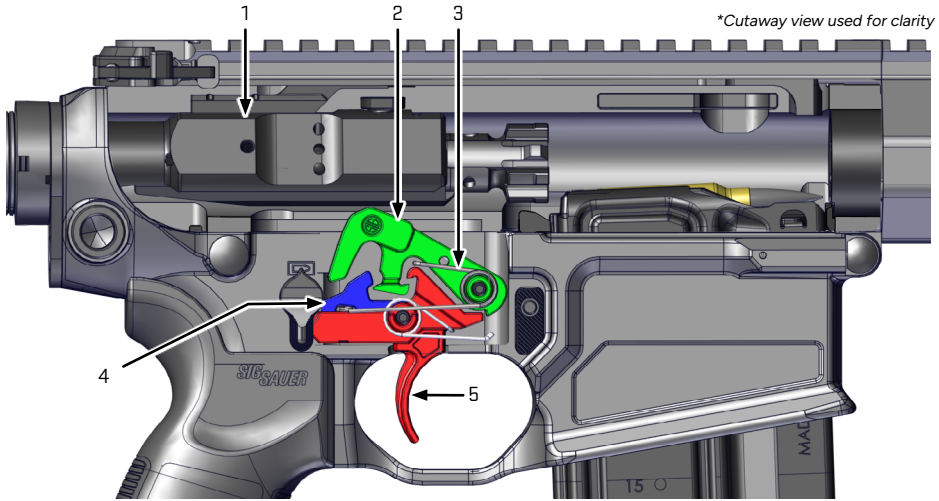


EJECTION: The extractor (1) continues to grip the right side of the rim of the spent case (2) and the ejectors (3) apply forward pressure to the left side. As the expended case clears the chamber, then the barrel extension, it is flipped out through the ejector port on the right side of the receiver.

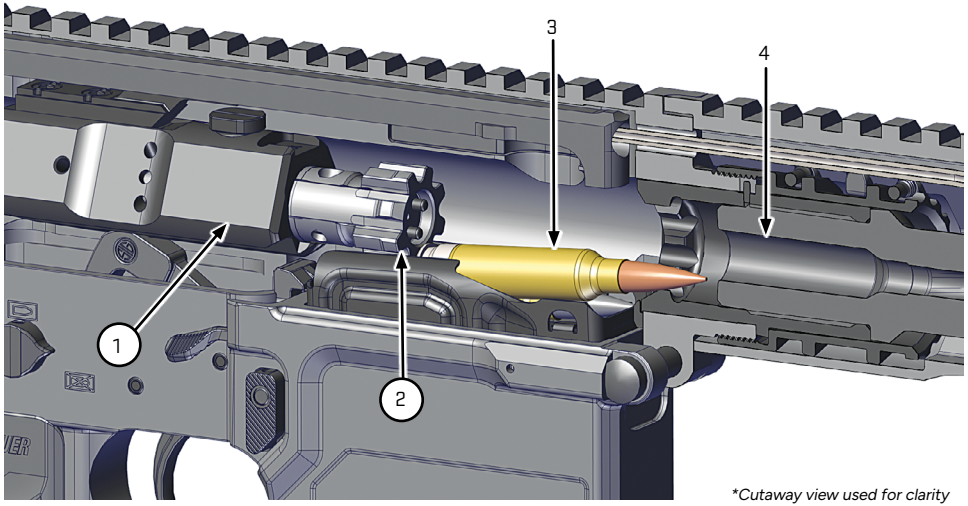


COCKING: The rearward movement of the bolt carrier group (1) overrides the hammer (2), forcing it down into the receiver and compressing the hammer spring (3). The hammer is held in the cocked position by the disconnector (4) until the trigger (5) is released by the operator.

**Cutaway view used for clarity*

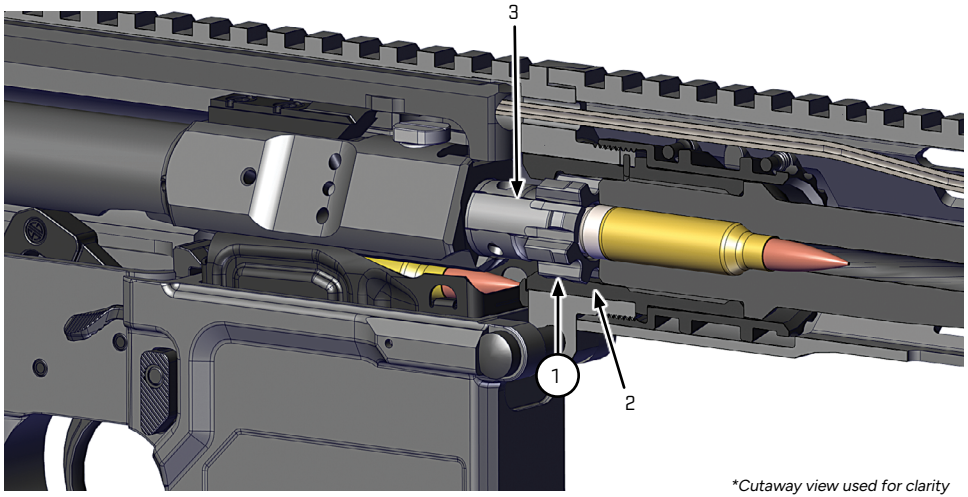


FEEDING: As the operating group (1) moves forward, the lower lugs of the bolt (2) contact the rear of the next cartridge (3) as it sits in the magazine. The cartridge is stripped from the magazine and begins moving forward toward the chamber (4).



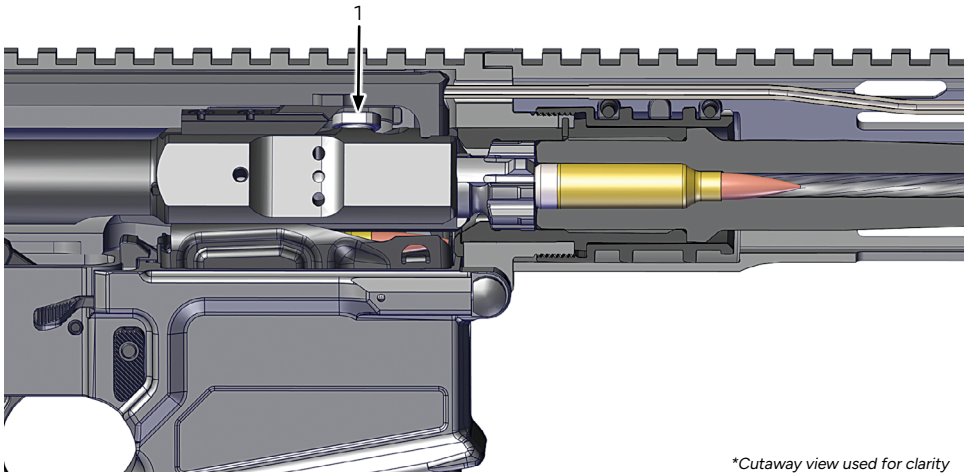
*Cutaway view used for clarity

CHAMBERING: As the bolt moves forward, the bolt locking lugs (1) move into the barrel extension (2). The ejectors are then compressed against the left side of the cartridge head and the extractor (3) snaps over the rim of the cartridge case.



*Cutaway view used for clarity

LOCKING: The chamber stops the movement of the bolt and the cartridge. The operating group continues to move forward until it is stopped by contact with the rear face of the barrel extension. As the operating group finishes moving forward, the bolt is rotated counterclockwise by the cam pin (1). This engages the bolt lugs with the barrel extension lugs to lock the bolt into the barrel extension.



*Cutaway view used for clarity

9.0 HANDLING

9.1 PREPARATION INSTRUCTIONS

WARNING

BEFORE LOADING, ALWAYS CLEAN ALL GREASE AND OIL FROM THE BORE AND CHAMBER AND VERIFY THAT NO OBSTRUCTION IS IN THE BARREL. ANY FOREIGN MATTER IN THE BARREL COULD RESULT IN A BULGED OR BURST BARREL OR OTHER DAMAGE TO THE FIREARM AND COULD CAUSE SERIOUS INJURY TO THE SHOOTER OR TO OTHERS.

Prior to using the firearm, read, understand, and follow all the safety warnings in the Safety Warnings Manual included with the firearm.

- Perform an initial field strip (*10.1 Field Strip the SIG HYP on page 54*).
- Clean any fouling that might have occurred during factory testing (*11.0 Cleaning and Lubrication on page 62*).
- Inspect, lubricate, and reassemble the firearm (*12.0 Assembly on page 69*).
- Upon reassembly and prior to firing the firearm, conduct a function check (*13.0 Function Check on page 79*). If the firearm does not complete the function check as described, contact customer service (*19.0 Replacement Parts Policy on page 98*).

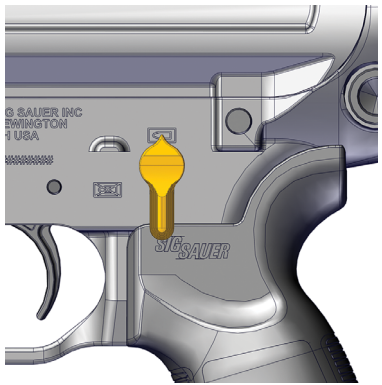
Any maintenance beyond the user level described in this manual is to be performed by a certified SIG SAUER Armorer specifically trained on the maintenance of the SIG HYP.

9.2 SAFETY SELECTOR

The SIG HYP features an ambidexterous safety selector. Rotating either safety selector 90 degrees changes the firing mode between SAFE and FIRE. Moving either lever automatically moves the lever on the other side. The safety selector can only be rotated to SAFE when the hammer is cocked.



SAFE



FIRE

9.3 UNLOAD AND CLEAR THE RIFLE

WARNING UNLOAD/CLEAR

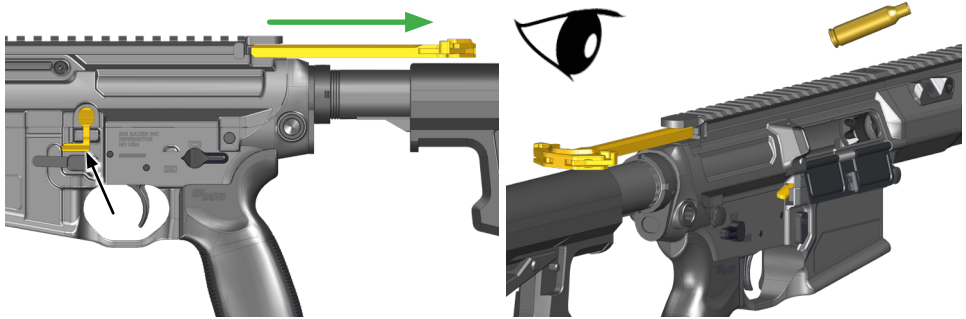
FAILURE TO ENSURE THE FIREARM IS UNLOADED AND CLEARED COULD RESULT IN UNINTENTIONAL DISCHARGE, CAUSING SERIOUS INJURY, DEATH, OR PROPERTY DAMAGE. REMOVING THE MAGAZINE FROM THE FIREARM DOES NOT PREVENT A CHAMBERED ROUND FROM BEING FIRED.

1. Ensure the safety selector lever is rotated to SAFE and the muzzle of the rifle is pointed in a safe direction at all times while unloading and clearing the firearm.
2. Rotate the safety selector lever to SAFE. Safety lever will not move if hammer is not cocked.
3. Press the magazine catch on either side to remove the magazine from the rifle.





4. Fully retract the charging handle and lock the operating group to the rear by either pressing and holding the lower section of the bolt catch lever on the left side or pressing up on the right side of the bolt catch lever. Watch the ejection port on the right side for the ejection of a cartridge case or a live cartridge.

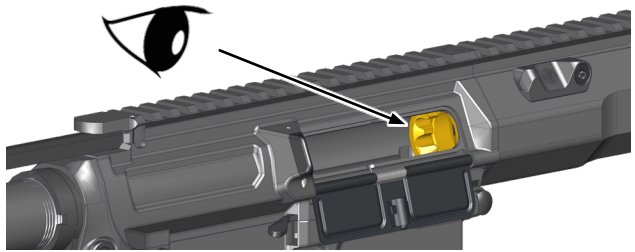


5. Ensure the operating group remains locked to the rear and return the charging handle to its forward and locked position.

WARNING INSPECTION

THE OPERATING GROUP IS UNDER SPRING TENSION AND WILL SPRING FORWARD IF THE BOLT CATCH IS PRESSED. DO NOT ALLOW THE BOLT CATCH TO BE PRESSED WHILE INSPECTING THE RIFLE. AFTER FIRING, THE CHAMBER OF THE RIFLE COULD POTENTIALLY BE HOT. WHEN PHYSICALLY INSPECTING THE CHAMBER, USE A PEN OR SIMILAR OBJECT IF THE CHAMBER IS HOT. FAILURE TO COMPLY MAY RESULT IN INJURY.

6. Visually and physically inspect the chamber, bolt face, and magazine well to ensure that the rifle is clear of live rounds, spent cartridges, and debris.



7. If passing the rifle to another person, allow them to inspect the chamber before handling the firearm. Pass the rifle with the bolt locked to the rear and the safety selector lever on SAFE.

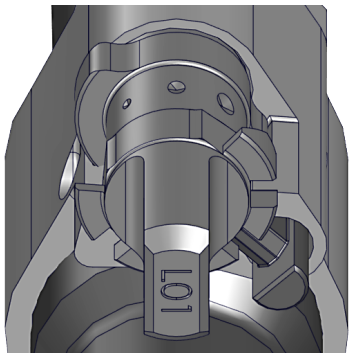
9.4 ADJUSTABLE GAS VALVE

The SIG HYP is equipped with an adjustable four-position gas valve accessible through the front of the handguard and removable without the use of special tools. All of the following instructions assume that the gas valve starts at the NORMAL position.

NORMAL SETTING

Use the NORMAL setting for regular conditions.

NORMAL is selected when the gas valve has the medium sized dot on top.

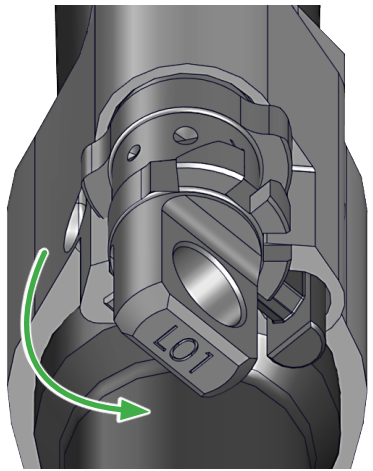


**Handguard not shown for clarity*

ADVERSE SETTING

The ADVERSE setting is used when operating in conditions causing fouling or under-functioning.

To select ADVERSE, rotate the gas valve counterclockwise 45 degrees to align the largest dot on top.

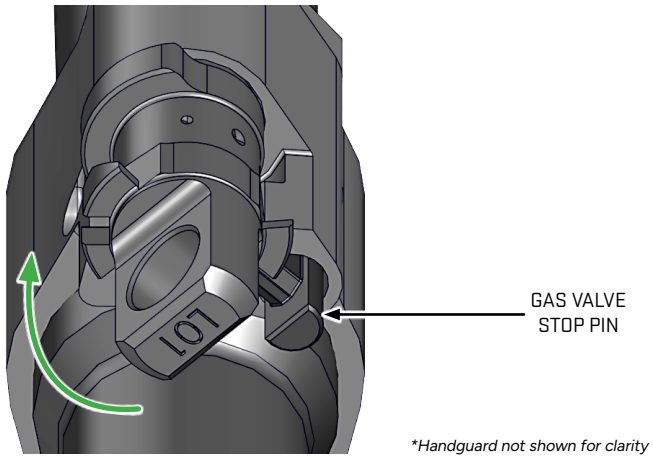


**Handguard not shown for clarity*

SUPPRESSED SETTING

The SUPPRESSED setting is used when operating with a suppressor.

To select SUPPRESSED, press the gas valve stop pin and rotate the gas valve clockwise 45 degrees to align the smallest dot on top.

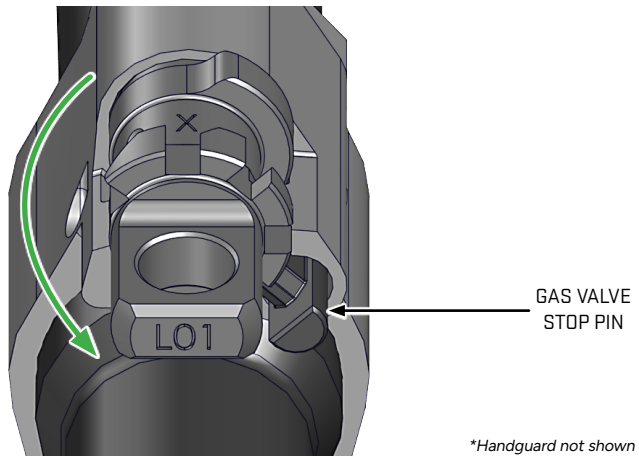


**Handguard not shown for clarity*

GAS VALVE OFF

The OFF setting shuts off the gas system and requires the rifle to be manually cycled between shots. This setting allows for the highest degree of suppressor performance and minimizes gas blowback.

To select OFF, press the gas valve stop pin and rotate the gas valve counterclockwise 90 degrees to align the 'X' on top.



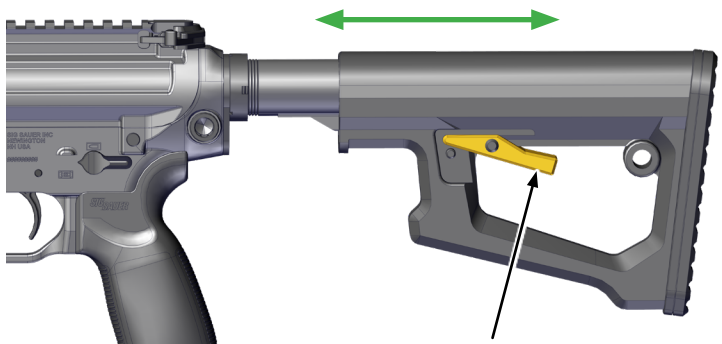
**Handguard not shown for clarity*

9.5 BUTTSTOCK

The buttstock on the SIG HYP provides easy length adjustments to accommodate different operators and for easier storage.

ADJUSTING THE BUTTSTOCK

1. Press upward on and hold the stock latch.
2. Slide the buttstock to the desired position and release the latch.
3. Pull the buttstock back and forth to ensure that it is locked in place.



9.6 LOADING / RELOADING

LOADING THE MAGAZINE

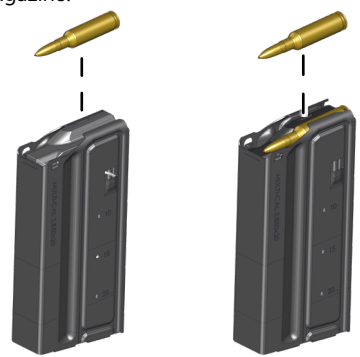
CAUTION

ENSURE THE MAGAZINE IS THE PROPER TYPE AND CALIBER FOR THE RIFLE.

NOTE

Do not overload the magazine.

1. Place a cartridge between the feed lips and press down. Ensure that the projectile is facing the front of the magazine and that the cartridge is all the way back.
2. Place another cartridge between the previous cartridge and the feed lips and press down. Repeat until the magazine is full.





LOADING RIFLE (BOLT LOCKED TO THE REAR)

WARNING BARREL

BEFORE LOADING, ALWAYS CLEAN ALL GREASE AND OIL FROM THE BORE AND CHAMBER AND VERIFY THAT NO OBSTRUCTION IS IN THE BARREL. ANY FOREIGN MATTER IN THE BARREL COULD RESULT IN A BULGED OR BURST BARREL OR OTHER DAMAGE TO THE FIREARM AND COULD CAUSE SERIOUS INJURY.

1. Ensure the safety selector is rotated to SAFE and the muzzle is pointed in a safe direction.
2. Lock the operating group to the rear.
3. Return the charging handle to the forward locked position.
4. Visually and physically inspect the chamber, bolt face, and magazine well to ensure it is clear of ammunition.
5. Insert a loaded magazine until it engages and is held by the magazine catch. There should be a light click. Always pull down to ensure the magazine is seated properly.
6. Press the top of the left side bolt catch inward or press down on the right side bolt catch to release the operating group.

WARNING LOADED FIREARM



THE RIFLE IS NOW LOADED AND READY TO FIRE

7. If the firearm is not to be fired immediately, close the ejection port cover.

LOADING RIFLE (BOLT FORWARD)

1. Ensure the safety selector is rotated to SAFE.
2. Insert a loaded magazine until it engages and is held by the magazine catch. There should be a light click. Pull down to ensure the magazine is locked in place.
3. Pull the charging handle completely to the rear.
4. Release the charging handle, allowing it to go forward under full spring pressure. Do not ride the charging handle forward. Failure to properly complete this step may cause a stoppage.

RELOADING RIFLE (EXPENDED MAGAZINE, BOLT LOCKED TO THE REAR)

1. Rotate the safety selector lever to SAFE.
2. Press the magazine catch from either the left or right side. The empty magazine should fall free from the magazine well.
3. Insert a loaded magazine until it engages and is held by the magazine catch. There should be a light click. Pull down to ensure the magazine is locked in place.
4. Press the top of the bolt catch to release the operating group and chamber a live cartridge.



RELOADING RIFLE (PARTIALLY EXPENDED MAGAZINE, BOLT FORWARD, LIVE ROUND CHAMBERED)

1. Rotate the fire control selector to SAFE.
2. Grasp the magazine with the support hand and press the magazine catch from either the left or right side.
3. Remove the partially loaded magazine.
4. Insert a loaded magazine until it engages and is held by the magazine catch. There should be a light click. Pull down to ensure the magazine is seated properly.

9.7 FIRING

WARNING LOADED FIREARM

KEEP FINGERS OUT OF TRIGGER GUARD AND OFF THE TRIGGER UNTIL READY TO FIRE. ALWAYS ENSURE FIREARM IS POINTED IN A SAFE DIRECTION. FAILURE TO COMPLY MAY RESULT IN SERIOUS INJURY OR DEATH.

1. Ensure that the safety selector is rotated to SAFE.
2. Adjust the buttstock if not already done. See *Adjusting the Buttstock on page 46*.
3. Keep the rifle aimed at the target or downrange.
4. Follow steps 1 through 6 of *Loading Rifle (Bolt Locked to the Rear) on page 48*.
5. Rotate the safety selector lever to FIRE.
6. Pull the trigger to fire.
7. To fire another cartridge, completely release the trigger. After the trigger resets, pull to fire again.
8. When finished, place on SAFE and unload and clear the rifle. See *9.3 Unload and Clear the Rifle on page 39*.



9.8 ADVERSE / SPECIAL ENVIRONMENTAL CONDITIONS

Arctic (Extreme Cold / Sub Freezing)

- When operating in sub-freezing temperatures, use a lubricant designed for this climate. Do not use CLP in temperatures below -10°F (-23°C) as it can prevent the firearm from firing. Ensure all existing lubricants are thoroughly removed prior to applying cold-weather lubricant.
- Remove O-ring from the extractor spring when in temperatures below -20°F (-29°C).
- Avoid bringing the firearm into heated shelters or buildings as this can cause condensation to form on moving parts, which may freeze when the firearm is brought back outdoors.
- If it is necessary to bring the firearm indoors, allow it to warm to room temperature. Disassemble and clean the firearm thoroughly to ensure that all moisture is removed. Relubricate the firearm with the proper cold weather lubricant.
- When operating in snowy environments, conduct frequent inspections of the firearm to ensure that snow has not gotten into operating parts. Work the action to ensure that it is not frozen. Use muzzle covers if available.
- If the bolt carrier becomes frozen with snow / moisture, warm the firearm using body heat or bring it indoors until free movement is restored, and then clean and relubricate the firearm.

Desert (Dry/Sandy)

- Apply light lubrication to internal metal-on-metal moving parts only. If available, use dry graphite lubricant.
- Increase frequency of inspection and cleaning of firearm due to blowing dust and sand. Pay particular attention to the bolt assembly. Ensure the striker is free of any foreign matter, such as sand, dust, or mud.
- Use muzzle covers if available.
- Unload and clean ammunition and inside of magazines daily. Do not lubricate magazine.
- Cover the firearm when not in use.

Jungle (Wet / Humid)

- Inspect and clean the firearm frequently to prevent corrosion.
- Apply a thin coat of lubricant on steel parts frequently.
- Inspect hidden surfaces of the operating group, upper receiver, chamber, and barrel extension.
- Inspect the lower receiver and fire control components for corrosion.
- Inspect and lubricate the spring-loaded detents of the firearm.
- Unload the magazine, clean ammunition, and inspect the inside of magazines daily for corrosion.
- Wipe the ammunition dry before reloading the magazine.

10.0 OPERATOR LEVEL AUTHORIZED PREVENTIVE MAINTENANCE

10.1 FIELD STRIP THE SIG HYP

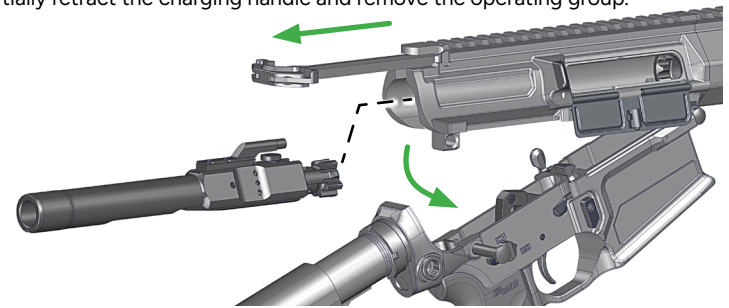
WARNING UNLOAD/CLEAR

FAILURE TO ENSURE THE FIREARM IS UNLOADED AND CLEARED COULD RESULT IN UNINTENTIONAL DISCHARGE, CAUSING SERIOUS INJURY, DEATH, OR PROPERTY DAMAGE. REMOVING THE MAGAZINE FROM THE FIREARM DOES NOT PREVENT A CHAMBERED ROUND FROM BEING FIRED.

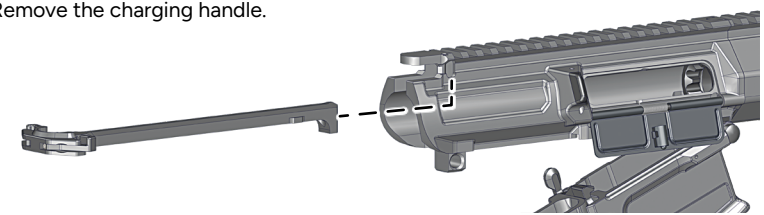
1. Unload / Clear the rifle. See *9.3 Unload and Clear the Rifle on page 39*.
2. Press the bolt catch to release the operating group forward.
3. Push the takedown pin from left to right.



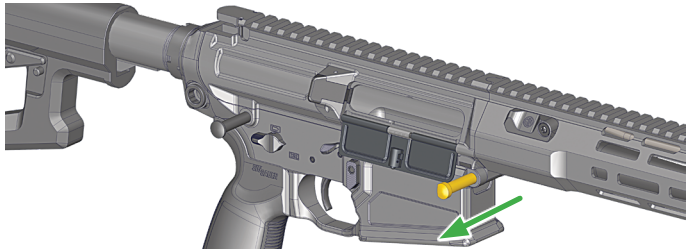
4. Pivot the receivers apart.
5. Partially retract the charging handle and remove the operating group.



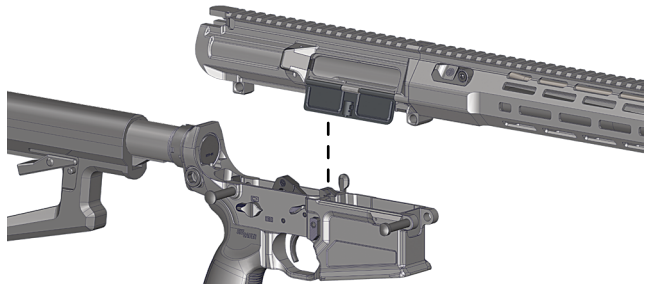
6. Remove the charging handle.



7. Close the receivers and pull the pivot pin out to detent.



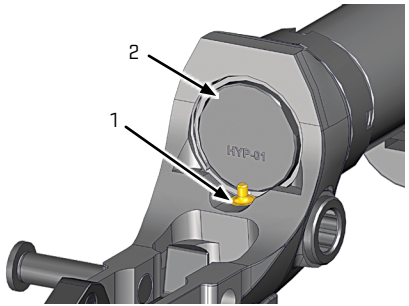
8. Separate the receivers.

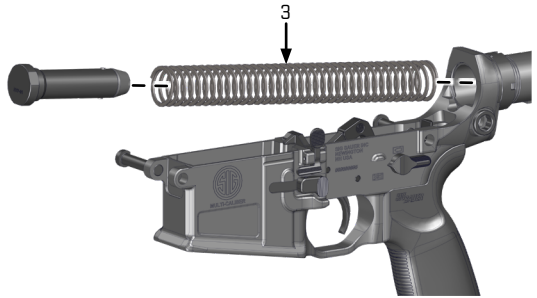


WARNING PARTS UNDER SPRING TENSION

FIREARMS CONTAIN SEVERAL SPRING-LOADED PARTS. WEAR EYE PROTECTION AND MAINTAIN CONTROL DURING MAINTENANCE. FAILURE TO COMPLY MAY RESULT IN INJURY.

9. While holding the buffer (2) in place, press the buffer retainer (1) down.
10. Ease pressure on the front of the buffer and allow the action spring (3) to push the buffer out of the receiver extension.
11. Twist the spring clockwise and remove it from the buffer. Do not remove the buffer retainer and its spring.

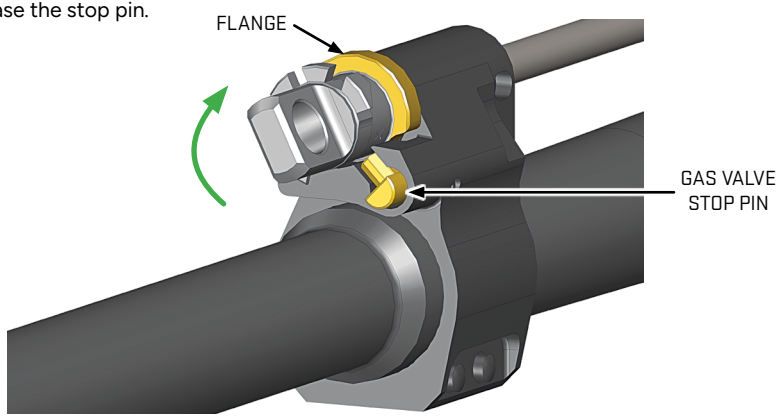




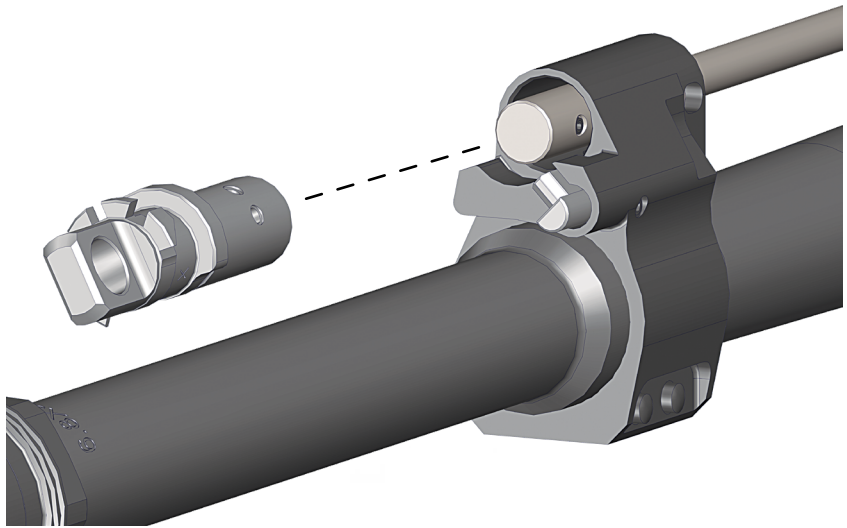
NOTE

Removing the handguard will make the following removing and installing the gas valve easier. See *15.1 Handguard Removal on page 84*.

12. Press and hold the gas valve stop and rotate the gas valve 180 degrees from the normal setting or until the gas valve flange clears the gas block.
13. Release the stop pin.



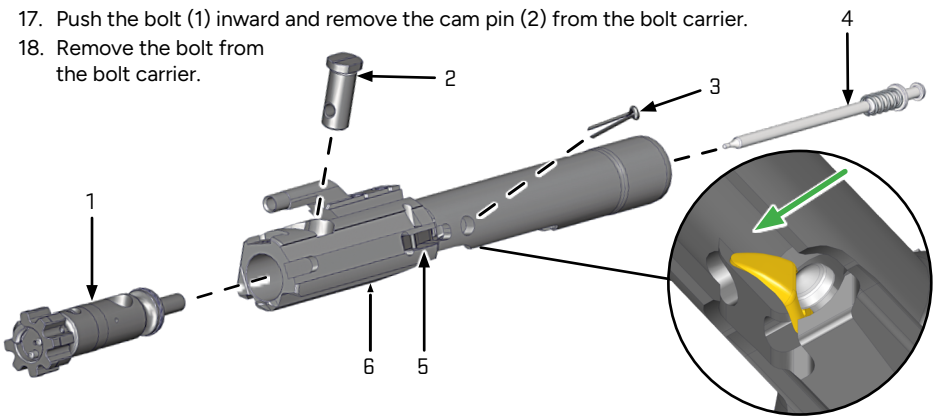
14. Remove the gas valve from the front of the gas block.



NOTE

Using a small tool, such as a pin punch, will make the following steps easier.

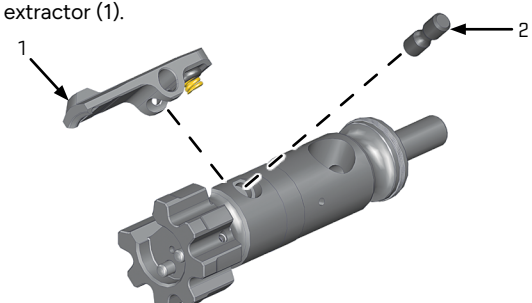
15. Remove the firing pin retaining pin (3).
16. Press the firing pin lock (5) outward and remove the firing pin (4) from the rear of the bolt carrier (6).
17. Push the bolt (1) inward and remove the cam pin (2) from the bolt carrier.
18. Remove the bolt from the bolt carrier.



CAUTION

DO NOT REMOVE THE EXTRACTOR SPRING OR INSERT UNLESS DAMAGED. ONLY REMOVE O-RING IF OPERATING BELOW -20°F (29°C).

19. Push the extractor pin (2) from either side of the bolt to remove.
20. Remove the extractor (1).



CAUTION

NO FURTHER DISASSEMBLY OF THE BOLT OR EXTRACTOR COMPONENTS IS AUTHORIZED. DO NOT REMOVE THE SPIRAL GAS RING FROM THE BOLT. FAILURE TO COMPLY MAY CAUSE DAMAGE OR UNNECESSARY WEAR ON PARTS.

11.0 CLEANING AND LUBRICATION

WARNING CLEANING

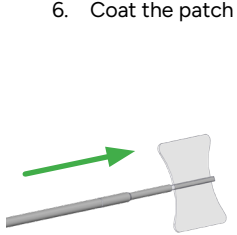
READ AND FOLLOW THE MANUFACTURER'S WARNINGS BEFORE USING SOLVENTS OR CLEANERS. USE IN A WELL-VENTILATED AREA. WEAR EYE PROTECTION.

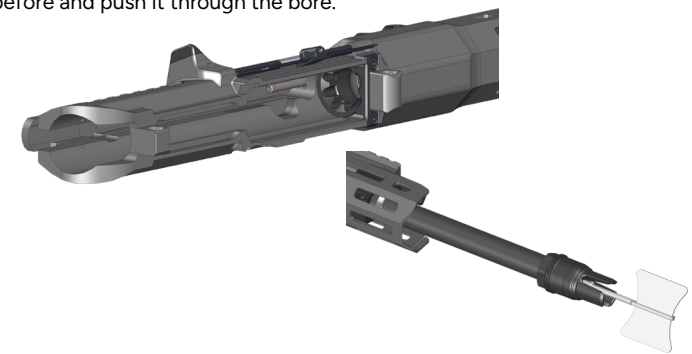
- Use only cleaning and lubrication products specifically designed for firearms.
- Do not use wire brushes on aluminum surfaces such as the upper and lower receivers. This may damage the finish.
- Follow all manufacturer's instructions and cautions when using cleaning and lubrication products.
- Wherever the term Cleaner, Lubricant, Preservative (CLP) or the words lube or lubricant appear, it is used to mean that any lubricant designed for firearms can be used.

11.1 CLEANING

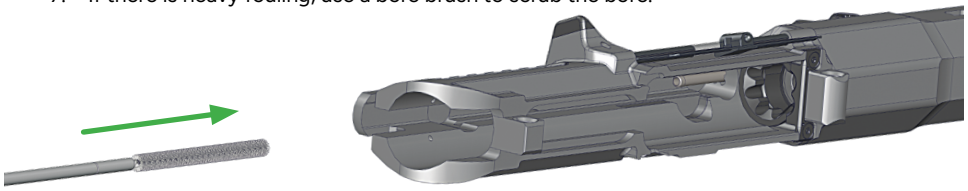
CLEANING THE BORE AND CHAMBER

1. Attach a jag to the cleaning rod.
2. Attach a clean patch to the jag.
3. Moisten the patch with CLP and slowly push it through the bore toward the muzzle end.
4. Allow the CLP to stay in the barrel for several minutes to loosen any fouling.
5. Attach a new clean patch to the cleaning rod.
6. Coat the patch as before and push it through the bore.

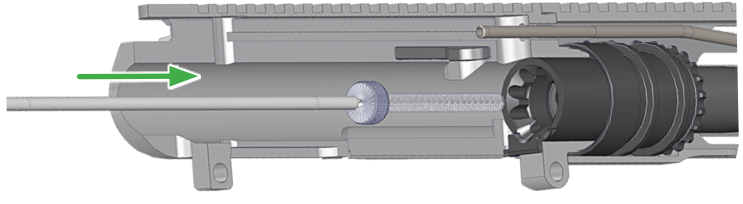




7. If there is heavy fouling, use a bore brush to scrub the bore.

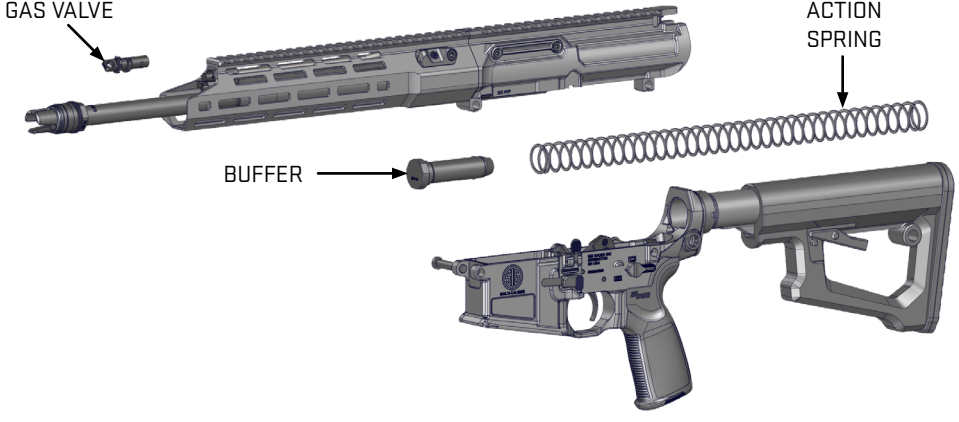


8. Push a patch with CLP through the bore to remove any residue loosened by the bore brush.
9. Push new patches through the bore until they come out clean.
10. Coat the chamber brush with CLP.
11. Keep the muzzle elevated so the CLP does not run into the freshly cleaned bore.
12. Make several plunging strokes followed by several 360 degree rotations in the barrel extension to clean the locking lug area.



CLEANING THE UPPER AND LOWER RECEIVERS

- Clean all residue from receivers with a rag moistened with CLP.
- Use cotton swabs for hard to reach areas.
- Clean all residue from buffer and action spring with a rag moistened with CLP.
- Clean all residue from the gas valve. Ensure the gas valve is dry after cleaning.

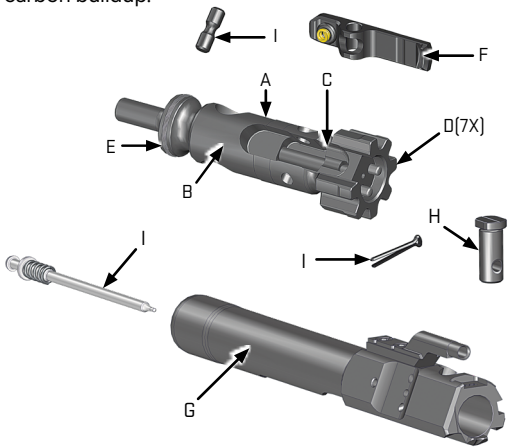


CLEANING THE OPERATING GROUP

NOTE

Carbon residue must be scraped from the bolt carrier. Just using a brush will not remove carbon buildup.

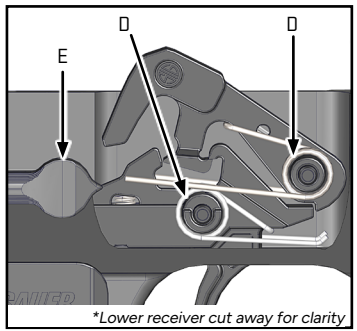
A. Clean the bolt.
B. Clean the bolt body with solvent.
C. Clean the bolt channel of any carbon buildup.
D. Clean any carbon from bolt lugs.
E. Wipe down the spiral gas ring. Do not remove the sprial gas ring from the bolt.
F. Clean the hook of the extractor.
G. Wipe down the bolt carrier body.
H. Clean the cam pin of carbon buildup.
I. Wipe down the firing pin, firing pin retaining pin, and extractor pin.



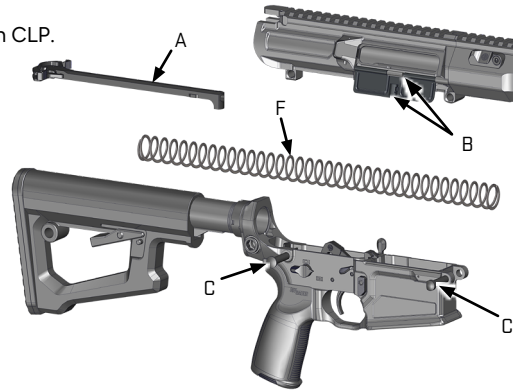
11.2 LUBRICATION

LUBRICATE UPPER AND LOWER RECEIVERS

A. Lightly lubricate charging handle.
B. Apply CLP to ejection port cover spring and latch.
C. Apply CLP to the detent slots in the takedown and pivot pins.
D. Apply CLP with a cotton swab to hammer and trigger springs.
E. Apply CLP to the fire control selector.
F. Lightly lubricate the action spring with CLP.



*Lower receiver cut away for clarity

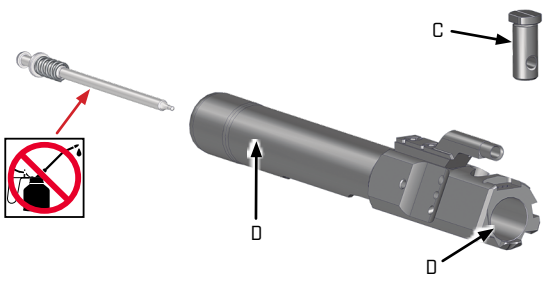


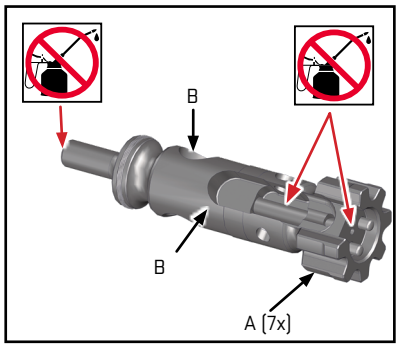
LUBRICATE OPERATING GROUP

CAUTION

DO NOT APPLY LUBRICANT TO THE FIRING PIN, IN THE TAILSHAFT, OR IN THE FIRING PIN CHANNEL OF THE BOLT. DO NOT APPLY LUBRICANT TO THE EXTRACTOR SLOT. FAILURE TO COMPLY MAY RESULT IN A STOPPAGE.

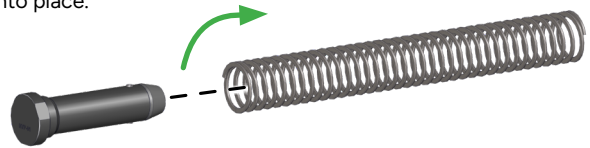
A. Apply CLP to the back of the bolt lugs.
B. Lightly lubricate the contact surfaces of the bolt body.
C. Lightly lubricate the cam pin.
D. Lubricate the contact surfaces of the bolt carrier.



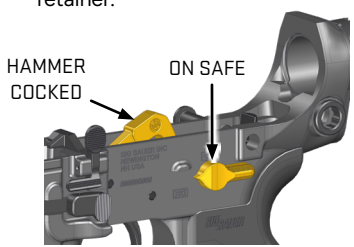


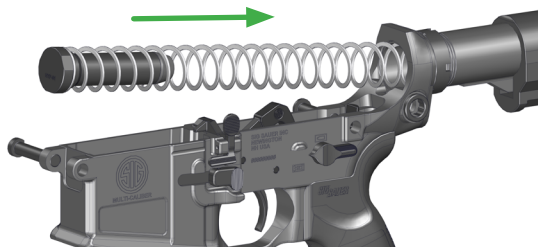
12.0 ASSEMBLY

1. Slide the action spring over the recoil buffer and twist it clockwise while pressing it forward to snap it into place.

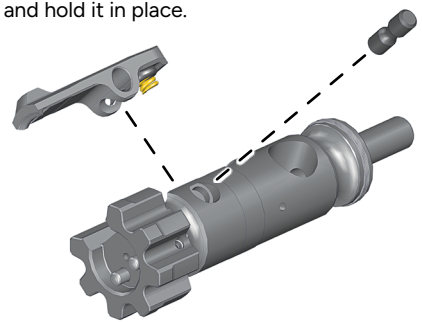


2. Ensure the hammer is cocked and the rifle is on SAFE.
3. Insert the action spring into the receiver extension, pushing it past the buffer retainer.
4. Push the recoil buffer into the receiver extension until it snaps into place behind the buffer retainer.





5. Assemble the extractor to the bolt and hold it in place.
6. Install the extractor pin.



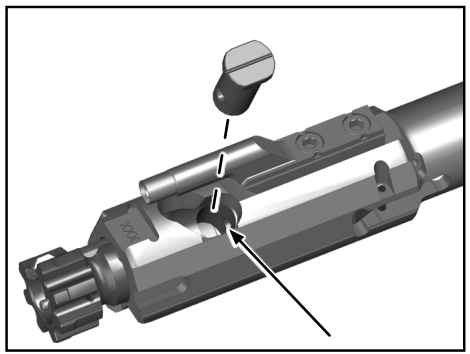
7. Insert the bolt into the bolt carrier with the extractor facing the right side of the carrier.

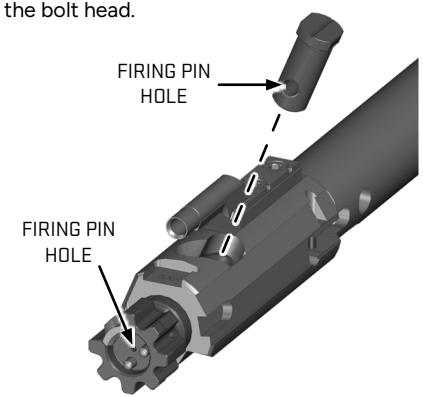


WARNING CAM PIN

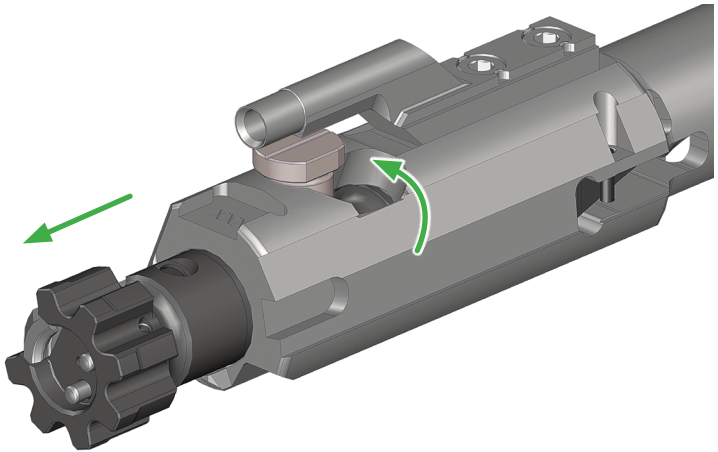
FAILURE TO INSTALL CAM PIN AND FIRING PIN CORRECTLY MAY RESULT IN INJURY OR DEATH TO THE USER AND CATASTROPHIC DAMAGE TO THE FIREARM.

8. Adjust the bolt so the hole in the bolt aligns with the rear of the cam path in the bolt carrier.
9. Install the cam pin through the bolt carrier and into the bolt. Ensure that the firing pin hole in the cam pin lines up with the firing hole in the bolt head.





10. Pull and rotate the bolt and cam pin forward to the unlocked position.



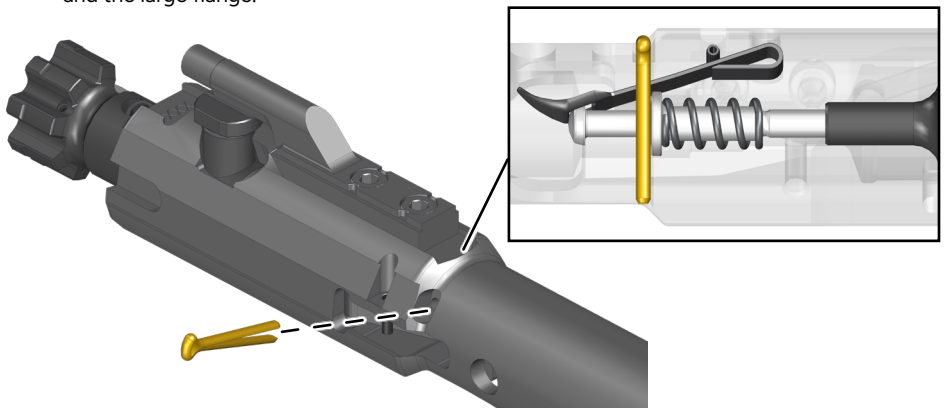
NOTE

Using a small tool, such as a pin punch, will make the following steps easier.

11. Press the firing pin lock outward and insert the firing pin through the rear of the bolt carrier, seating it completely forward against the bolt. Release pressure on the firing pin lock and ensure that it captures the head of the firing pin.



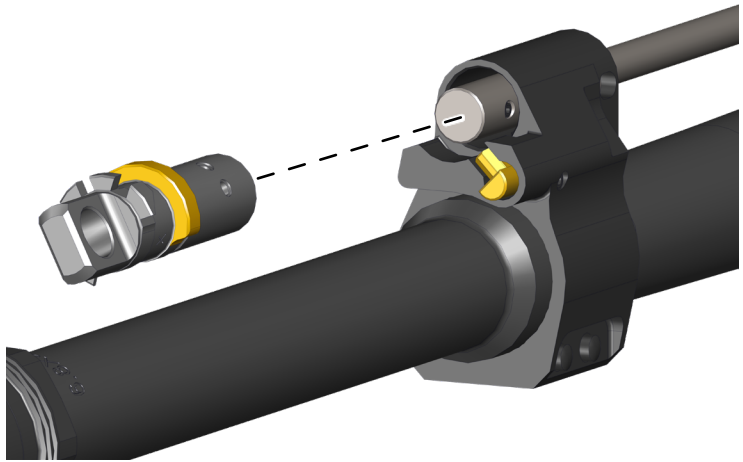
12. While applying pressure on the firing pin, insert the firing pin retaining pin from the left side of the bolt carrier. Ensure the retaining pin is positioned between the head of the firing pin and the large flange.



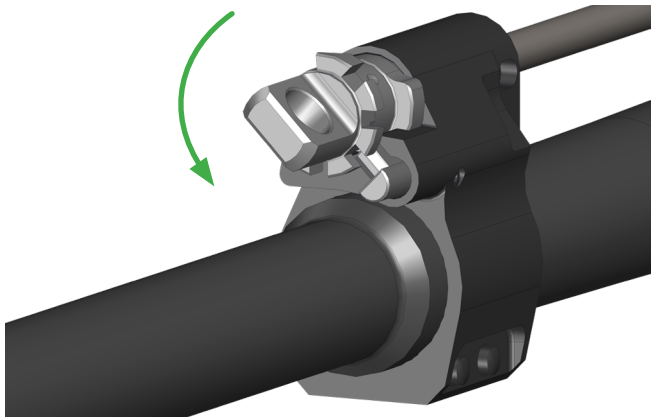
NOTE

The firing pin should not fall out when the operating group is turned over.

1. Install the gas valve in the gas block with the flange up.
2. Press and hold the gas valve stop pin.



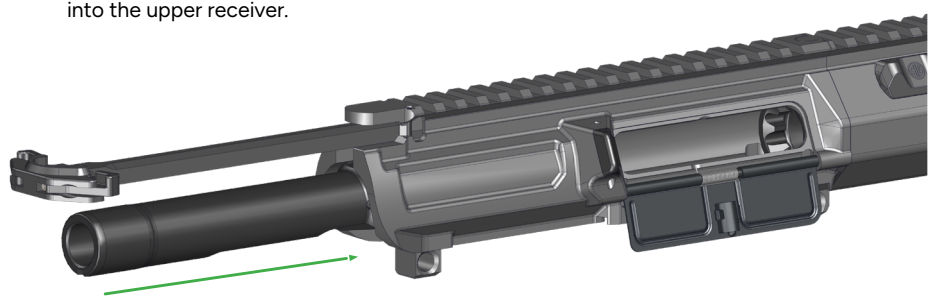
3. Rotate the gas valve to capture the flange, then release the stop pin.
4. Adjust the gas valve to the preferred setting.



WARNING BOLT ASSEMBLY

DO NOT INTERCHANGE BOLTS BETWEEN RIFLES. FAILURE TO COMPLY MAY RESULT IN SERIOUS INJURY OR DEATH.

5. Partially install the charging handle into the upper receiver.
6. Ensure the bolt is still pulled forward to its unlocked position and insert the operating group into the upper receiver.



7. Push the operating group and charging handle completely forward until the bolt locks into the barrel extension. Ensure the charging handle is locked in place.

8. Ensure that the pivot pin and takedown pin are pulled out.
9. Align the upper receiver with the lower receiver and push the pivot pin in.
10. Push the takedown pin in.



13.0 FUNCTION CHECK

A function check is performed after any repair, cleaning, or reassembly to ensure the firearm operates properly.

WARNING UNLOAD/CLEAR

FAILURE TO ENSURE THE FIREARM IS UNLOADED AND CLEARED COULD RESULT IN UNINTENTIONAL DISCHARGE, CAUSING SERIOUS INJURY, DEATH, OR PROPERTY DAMAGE.

WARNING FUNCTION CHECK

KEEP THE FIREARM POINTED IN A SAFE DIRECTION DURING THE ENTIRE FUNCTION CHECK.

IF THE FIREARM FAILS TO COMPLETE THE FUNCTION CHECK, DO NOT USE THE FIREARM. CONTACT CUSTOMER SERVICE.

1. Ensure the firearm is unloaded and clear of ammunition (See *9.3 Unload and Clear the Rifle on page 39*).
2. Ensure the fire control selector is rotated to SAFE.
3. Insert an unloaded magazine into the magazine well.
4. Pull the charging handle to the rear until the bolt locks open. Lock the charging handle forward.
5. Press the magazine catch. The magazine should fall free of the magazine well.

6. Pull the charging handle to the rear and release. The bolt catch must drop and release the bolt forward.
7. Press trigger to rear. Nothing should happen.
8. Rotate the safety selector lever to SEMI.
9. Pull and hold the trigger. Hammer should fall with a loud click.
10. Fully retract the charging handle to cock the firearm. Lock the charging handle forward.
11. Slowly release the trigger. The trigger should reset with a light click.
12. Pull the trigger. The hammer should fall with a loud click.
13. Retest SAFE by cocking the rifle, then rotating the safety selector and pulling the trigger. Nothing should happen.
14. Retract the charging handle and press up on the bolt catch lever to lock the bolt to the rear. Lock the charging handle forward.

CAUTION

NEVER USE A FIREARM OR MAGAZINE THAT SHOWS SIGNS OF DAMAGE OR FAILS A FUNCTION CHECK. VERIFY THE MAGAZINE IS THE CORRECT MODEL AND CALIBER FOR THE RIFLE. IF THE CONDITION OR FUNCTION OF THE RIFLE OR MAGAZINE IS SUSPECT, RETURN THE RIFLE OR MAGAZINE TO SIG SAUER FOR EVALUATION. ALWAYS VERIFY THE CONDITION AND FUNCTION OF THE EQUIPMENT BEFORE USE.

14.0 MAGAZINE MAINTENANCE

WARNING PARTS UNDER SPRING TENSION

MAGAZINES CONTAIN SEVERAL SPRING-LOADED PARTS. WEAR EYE PROTECTION AND MAINTAIN CONTROL DURING MAINTENANCE. FAILURE TO COMPLY MAY RESULT IN INJURY.

14.1 DISASSEMBLE MAGAZINE

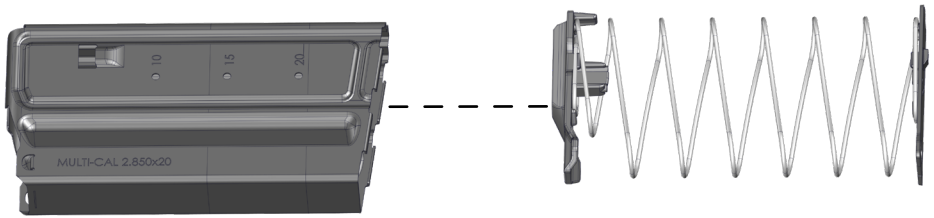
1. Push in on the magazine insert (1) through the opening in the baseplate and slide the baseplate off of the magazine tube. While removing the baseplate, press down on the insert to control the spring.



NOTE

The magazine spring will be attached to the insert and follower. Do NOT remove these components from the spring during operator level maintenance.

2. Remove the insert, magazine spring, and follower from the magazine tube.

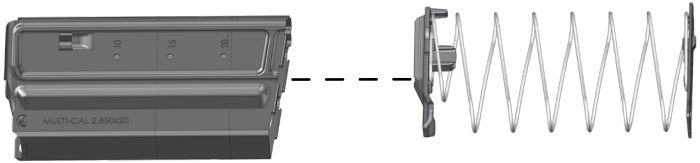


14.2 CLEANING

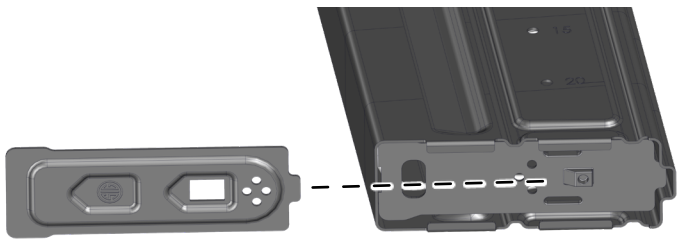
Wipe all parts with a cloth moistened with CLP to remove any buildup or debris, then wipe dry.

14.3 ASSEMBLE MAGAZINE

1. Install the magazine follower, spring, and insert into the magazine tube.
2. Compress the spring by pushing the insert into the magazine tube.



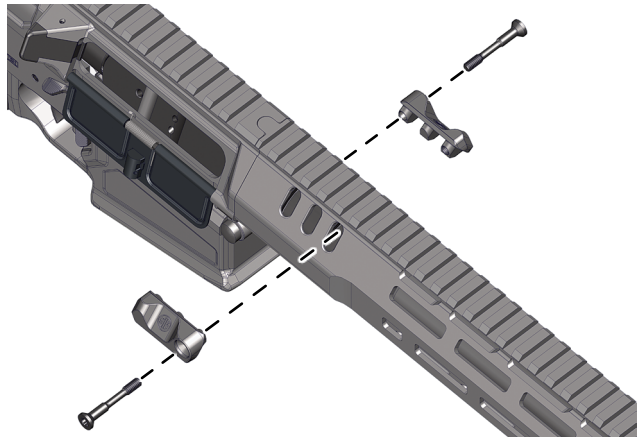
3. Slide the base plate onto the magazine tube until the insert snaps into place.



15.0 HANDGUARD

15.1 HANDGUARD REMOVAL

1. Using a T25® drive bit, turn the handguard clamp screws counterclockwise and remove the screws and handguard clamps.



2. Slide the handguard off the barrel.

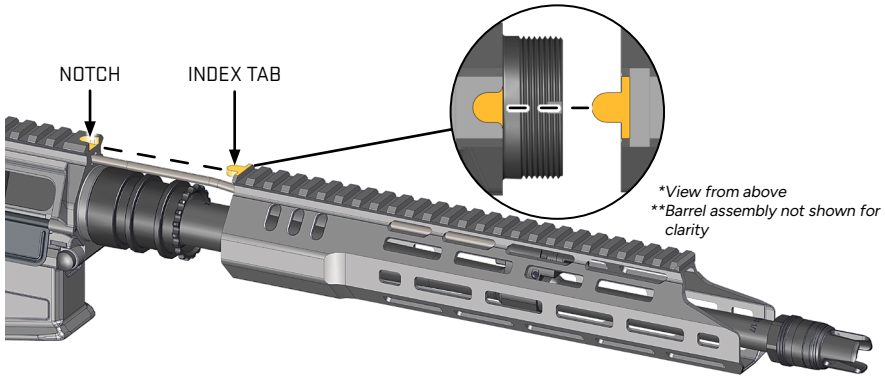


15.2 HANDGUARD INSTALLATION

WARNING PHYSICAL INJURY/DAMAGE

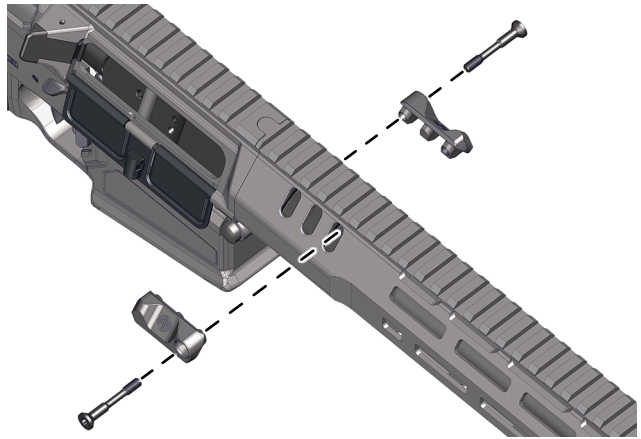
WHEN CHANGING BARRELS AND HANDGUARDS, ENSURE THE FLASH HIDER, MUZZLE BRAKE, OR SUPPRESSOR IS EXPOSED AT THE END OF THE HANDGUARD. FAILURE TO COMPLY MAY RESULT IN INJURY TO THE OPERATOR AND/OR DAMAGE TO THE RIFLE.

1. Slide the handguard over the barrel and align the index tab with the notch in the receiver.



*View from above
**Barrel assembly not shown for clarity

2. Install the handguard clamps in the openings toward the rear of the handguard.
3. While holding the clamps in place, install one of the handguard screws and turn it clockwise to tighten it enough to hold the clamps in place.
4. Install the remaining screw on the other side and, using a T25 Torx drive bit, torque both screws to 35 in-lbf.





16.0 TROUBLESHOOTING GUIDE

16.1 STOPPAGES

WARNING STOPPAGE

STOP FIRING IMMEDIATELY. UNLOAD AND CLEAR THE FIREARM.

A stoppage is an interruption in the rifle's cycle of function that can be cleared by the operator taking immediate action. Immediate action consists of steps taken by the operator to place the rifle back in service without investigating the cause of the stoppage.

Immediate action:

1. Keep the firearm pointed in a safe direction.
2. Unload and clear the firearm immediately by removing the magazine, locking the bolt to the rear, and clearing any ammunition from the firearm.
3. Visually and physically checking the chamber, bolt face, and magazine well.

With the firearm unloaded and cleared, perform an additional visual inspection of the firearm and the ammunition. If a bore obstruction exists, refer to *16.2 Obstructed Bore on page 89*. If damage to the firearm is found, the stoppage persists, or a malfunction is suspected, take the firearm to a certified SIG SAUER Armorer for service.

16.2 OBSTRUCTED BORE

WARNING OBSTRUCTED BORE

STOP FIRING IMMEDIATELY AND KEEP THE FIREARM POINTED IN A SAFE DIRECTION. UNLOAD AND CLEAR THE FIREARM. DO NOT FIRE ANOTHER ROUND UNTIL THE OBSTRUCTION IS CLEARED. FAILURE TO COMPLY CAN RESULT IN SERIOUS INJURY OR DEATH TO THE OPERATOR AND/OR OTHERS AND CATASTROPHIC DAMAGE TO THE FIREARM.

Immediately stop shooting and keep the firearm pointed in a safe direction whenever:

- There is difficulty or unusual resistance in chambering a cartridge;
- A cartridge misfires (does not go off);
- The mechanism fails to extract a fired cartridge case;
- Unburned grains of propellant powder are discovered spilled in the mechanism;
- A shot sounds weak or abnormal.

It is possible that a bullet is lodged part way down the barrel. If a bullet is in the bore, do not attempt to shoot it out by using another cartridge or by blowing it out with a blank or a cartridge from which the bullet has been removed. Firing a subsequent bullet into the obstructed barrel can damage the firearm and cause serious injury to the shooter or bystanders. Bullets can become lodged in the barrel when the cartridge has been improperly loaded without propellant powder, the powder fails to ignite, or the bullet was not properly seated in the cartridge case.



If it is suspected that a bullet is obstructing the barrel, immediately unload and clear the firearm. Field strip the firearm and look through the bore of the barrel. It is not sufficient to merely look in the chamber; a bullet may be lodged some distance down the barrel where it cannot easily be seen. Attempt to remove the bullet by tapping it out with a cleaning rod. If the bullet can be removed, clean any unburned powder grains from the bore, chamber, and mechanism before resuming shooting. If the bullet cannot be dislodged by tapping it with a cleaning rod, take the firearm to a certified SIG SAUER Armorer.

16.3 COOK-OFF

WARNING COOK-OFF

COOK-OFF IS DEFINED AS A CHAMBERED CARTRIDGE DETONATING DUE TO THE HEAT OF THE BARREL. FAILURE TO COMPLY WITH THE BELOW LISTED STEPS COULD RESULT IN DEATH, SERIOUS INJURY, OR PROPERTY DAMAGE.

If the rifle stops firing with a cartridge in the chamber of a hot barrel due to a misfire or stoppage, remain calm and do the following:

1. Keep the rifle pointed in a safe direction.
2. Immediately remove the magazine and chambered cartridge.
3. If the cartridge cannot be removed within 10 seconds, keep rifle pointed in a safe direction and wait at least 15 minutes for the chamber and barrel to cool, then remove the cartridge.

16.4 GENERAL STOPPAGES

Stoppage	Test / Inspection	Corrective Action
FAILS TO FIRE	Safety selector lever on SAFE	Rotate to FIRE position
	Firing pin improperly installed	Reassemble correctly
	Excessive lubricant in firing pin recess of bolt	Clean out excess lubricant and reassemble
	Defective ammunition	Replace ammunition
FAILURE TO FEED	Overloaded magazine	Remove excess cartridges
	Dirty magazine	Clean magazine, see *14.2 Cleaning on page 82*
	Damaged magazine	Replace magazine
	Poor lubrication / Dirty firearm	Field strip, clean, and lubrcate the firearm
	Dirty, corroded, or damaged ammunition	Replace ammunition
FAILURE TO CHAMBER	Dirty, corroded, or damaged ammunition	Replace ammunition
	Dirty chamber / feed ramps	Clean chamber / feed ramps
	Poor lubrication / Dirty firearm	Field strip, clean, and lubricate the firearm
	Weak action spring	Replace spring
DOUBLE FEED	Damaged magazine	Replace magazine



Stoppage	Test / Inspection	Corrective Action
BOLT FAILS TO LOCK	Dirty / poorly lubricated bolt or firearm	Field strip, clean, and lubrcate the firearm, paying special attention to the bolt
	Ammunition not to specification	Use only the correct ammunition, conforming to SAAMI specifications
	Damaged bolt lugs	Contact Customer Service
FAILURE TO EXTRACT	Dirty, corroded, or damaged ammunition	Replace ammunition
	Dirty / poorly lubricated chamber, extractor, or firearm	Field strip, clean, and lubricate the firearm, paying special attention to the chamber
	Damaged extractor or extractor spring	Contact Customer Service
BOLT FAILS TO LOCK AFTER LAST ROUND IS FIRED	Damaged magazine	Replace magazine
	Damaged bolt catch	Contact Customer Service
	Gas valve not in the proper setting	Set gas valve to applicable setting, see *9.4 Adjustable Gas Valve on page 42*
UNDER FUNCTION	Damaged / Worn spiral gas ring	Contact Customer Service
	Gas valve not in the proper setting	Set gas valve to applicable setting, see *9.4 Adjustable Gas Valve on page 42*

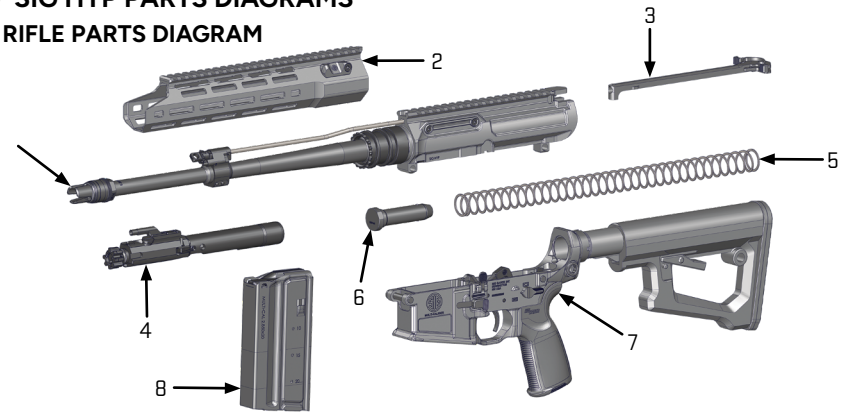
Stoppage	Test / Inspection	Corrective Action
FROZEN FIRE CONTROL SELECTOR	Lack of lubricant	Lubricate selector
	Dirt / residue buildup beneath selector	Clean rifle, see *11.0 Cleaning and Lubrication on page 62*

16.5 MINIMIZING STOPPAGES

- Most stoppages can be minimized by cleaning and lubricating the firearm. See *11.0 Cleaning and Lubrication on page 62*.
- Cleaning and lubricating the firearm after each range session will reduce the chances of a stoppage due to dirt and residue buildup.
- Perform maintenance if the firearm is exposed to extreme environmental conditions (rain, snow, freezing temperatures, etc.).
- Periodically inspect the firearm if it is to be stored for extended periods of time without use.
- Most stoppages are directly related to the magazine. Perform maintenance on the magazines as well as the firearm. See *14.0 Magazine Maintenance on page 81*.
- Mark the magazines so magazines related to a stoppage can be easily identified.

17.0 SIG HYP PARTS DIAGRAMS

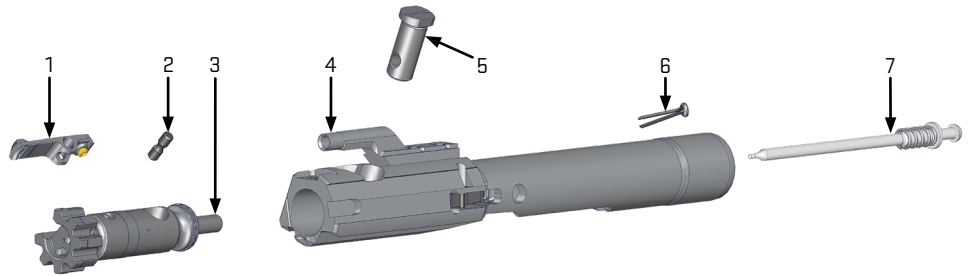
17.1 RIFLE PARTS DIAGRAM



NUMBER	NOMENCLATURE
1	Upper Receiver w/ Barrel Assembly
2	Handguard
3	Charging Handle Assembly
4	Operating Group

NUMBER	NOMENCLATURE
5	Action Spring
6	Buffer
7	Lower Receiver w/ Buttstock
8	Magazine

17.2 BOLT ASSEMBLY PARTS DIAGRAM



NUMBER	NOMENCLATURE
1	Extractor
2	Extractor Pin
3	Bolt
4	Bolt Carrier
5	Cam Pin
6	Firing Pin Retaining Pin
7	Firing Pin



18.0 STORAGE AND TRANSPORTATION

18.1 STORAGE

WARNING STORAGE

NEVER PLACE OR STORE ANY FIREARM IN SUCH A MANNER THAT IT MAY BE DISLODGED. FIREARMS SHOULD ALWAYS BE STORED, LOCKED, UNLOADED, SEPARATE FROM THEIR AMMUNITION, AND INACCESSIBLE TO CHILDREN AND ANY OTHER UNAUTHORIZED PERSON. THE USE OF A LOCKING DEVICE OR SAFETY LOCK IS ONLY ONE ASPECT OF RESPONSIBLE FIREARMS STORAGE. FAILURE TO PROPERLY STORE FIREARMS MAY CAUSE SERIOUS INJURY OR DEATH TO SELF OR OTHERS, OR PROPERTY DAMAGE.

Short Term Storage (90 days or less)

1. Ensure the chamber and magazine do not contain live ammunition.
2. Clean the bore and chamber.
3. Apply a generous coat of CLP to the chamber and bore.
4. Apply a light coat of CLP to all other metal surfaces for corrosion protection.

Long Term Storage (90 days or longer)

1. Ensure the firearm is thoroughly cleaned.
2. Apply a medium coat of CLP to the chamber and bore.
3. Apply a light coat of CLP to all other metal surfaces for corrosion protection.
4. Wrap the firearm with a waterproof material.
5. Place the firearm in a corrosion resistant barrier bag.

Environmental Storage Recommendations (Armory)

Provide humidity control to limit the relative humidity to no greater than 40% at 80°F (26.7°C). If personnel will be working in these areas, design to 68°F (20.0°C) dry bulb and 40% RH for indoor design heating conditions, and 75°F (23.9°C) dry bulb and 40% RH for indoor design cooling conditions.

18.2 TRANSPORTATION

IT IS THE OWNER'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE LAWS OF ANY JURISDICTION(S) THEY ARE PLANNING TO TRAVEL TO AND THROUGH WITH THE FIREARM.

When transporting the firearm to and from shooting activities, keep it unloaded for safety purposes. When storing the firearm for transportation, keep it separated from ammunition, under lock and key, and out of the reach of children and other inexperienced or unauthorized persons.

If transporting the firearm in a vehicle, ensure that it is secured within the confines of the vehicle. Should the vehicle become involved in an accident, the firearm could become dislodged and move about the interior of the vehicle or be ejected from the vehicle.



19.0 REPLACEMENT PARTS POLICY

WARNING PARTS REPLACEMENT

IT IS THE PURCHASER'S RESPONSIBILITY TO BE ABSOLUTELY CERTAIN THAT ANY PARTS ORDERED FROM THE FACTORY ARE CORRECTLY FITTED AND INSTALLED. FIREARMS ARE COMPLICATED MECHANISMS AND IMPROPER FITTING OF PARTS MAY RESULT IN A DANGEROUS MALFUNCTION, DAMAGE TO THE FIREARM, AND SERIOUS INJURY TO THE SHOOTER AND OTHER PERSONS. THE PURCHASER AND INSTALLER OF PARTS MUST ACCEPT FULL RESPONSIBILITY FOR THE CORRECT ADJUSTMENT AND FUNCTIONING OF THE FIREARM AFTER SUCH INSTALLATION.

Parts Policy

Our Service Department maintains a full complement of replacement parts. Even though most gunsmiths have the knowledge, training, and the ability to make necessary repairs to the firearm, the skill and workmanship of any particular third-party gunsmith is totally beyond our control.

Should the firearm ever require service, it is strongly recommended that it be returned to SIG SAUER Inc. A firearm is a precision instrument and some replacement parts will require individual fitting to ensure correct operation. A wrong part, improper fitting, or incorrect mechanical adjustment may result in an unsafe condition or dangerous malfunction, damage to the firearm, or cause possible serious injury to the shooter or others.

IF ANY PART IS ORDERED WITHOUT RETURNING THE FIREARM TO SIG SAUER Inc. the customer bears full responsibility for ensuring that the part supplied is correct for their particular firearm and is properly installed and fitted by a qualified gunsmith.

SIG SAUER INC. IS NOT RESPONSIBLE FOR THE FUNCTIONING OF ANY FIREARM IN WHICH REPLACEMENT PARTS ARE INSTALLED BY OTHERS.

THE USE OF UNAPPROVED AFTERMARKET PARTS WILL VOID THE WARRANTY OF THIS FIREARM. THE REPLACEMENT OF ORIGINAL EQUIPMENT MANUFACTURER (OEM) SIG SAUER PARTS WITH AFTERMARKET PARTS IS UNAUTHORIZED AND IN SOME INSTANCES COULD ALTER THE FUNCTION OF THE FIREARM, CREATING A DANGER TO THE OPERATOR.

Scan the QR code below to visit the Small Parts Shopper page at sigsauer.com.



20.0 FACTORY REPAIR OF THE FIREARM

Contact Customer Service for questions or concerns regarding the performance or serviceability of the firearm. There are three ways to contact Customer Service:

Have the firearm's serial number readily available before contacting Customer Service.

1. Call (603) 610-3000, choose option 1.
2. Email CustomerService@sigsauer.com.
3. Go to https://www.sigsauer.com/customer-support to message customer service electronically. Scan the QR code below to visit the Customer Support page at sigsauer.com.

21.0 RETURNING FIREARMS FOR REPAIR

Do not ship a firearm without an RMA number provided by Customer Service.

WARNING DO NOT SHIP AMMUNITION

BEFORE SHIPPING ANY FIREARM, BE ABSOLUTELY CERTAIN THAT THE FIREARM AND MAGAZINES ARE UNLOADED. DO NOT SHIP AMMUNITION WITH A FIREARM.

1. The RMA number allows SIG SAUER to track the status of the return from the time SIG SAUER receives the firearm until it is returned.
2. Package the firearm securely to prevent damage.
3. Do not include any accessories such as scopes or mounts unless directed to do so.
4. Some states and localities require firearms to be shipped and returned to SIG SAUER using a federally licensed firearms dealer.
5. Federal law prohibits persons who do not possess a Federal Firearms License (FFL) from shipping a firearm via the U.S. Postal Service.
6. Any shipment of firearms outside U.S. borders is subject to the export laws of the United States and to the valid laws of the specific country.
7. SIG SAUER is not responsible for any damage to a firearm during shipping until it is received.
8. Firearms must be insured and prepaid prior to shipment (SIG SAUER does not accept collect shipments) to the address provided by Customer Service.



SIG SAUER INFINITE GUARANTEE™

For warranty information on new SIG SAUER firearms, scan the QR code below to visit the SIG SAUER Warranty Information and Registration page. New firearms can also be registered and warranty information can be found on the website.

NOTES:



sigsauer.com

SIG SAUER Inc.
72 Pease Boulevard, Newington, NH 03801 USA

All trademarks, service marks, trade names, trade dress, product names, and logos appearing in this manual are the property of their respective owners. No trademark or service mark appearing in this manual may be used without written consent of the mark's owner.

©2026 SIG SAUER Inc. All rights reserved.

AN ISO 9001:2015 REGISTERED COMPANY

P/N 5000114-01 REV 01