

# SIGSAUER®



## **SIG P320® FLUX™ RAIDER X**

**OPERATOR'S MANUAL: HANDLING & SAFETY INSTRUCTIONS**

READ THE INSTRUCTIONS AND WARNINGS IN THIS MANUAL CAREFULLY BEFORE USING THIS FIREARM. DO NOT DISCARD THIS MANUAL.

THIS MANUAL SHOULD ALWAYS ACCOMPANY THIS FIREARM AND BE TRANSFERRED WITH IT UPON CHANGE IN OWNERSHIP OR WHEN THE FIREARM IS PRESENTED TO ANOTHER PERSON.





# WARNINGS

## 1.0 SAFETY WARNINGS

**READ THIS ENTIRE MANUAL THOROUGHLY AND CAREFULLY PRIOR TO USING THIS FIREARM.**

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** 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



# WARNINGS

**SIG SAUER**

SIG SAUER, INC.<sup>®</sup> 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.**

## SAFETY MECHANISMS

### Manual Safety

Consistent with individual operators' philosophies of use, SIG SAUER offers firearms with and without a manual safety, and the decision whether to deploy a manual safety rests with the operator. This is an important decision that must consider several factors, including the intended use of the firearm (e.g., law enforcement, defensive carry, home defense, range use, competition), level of firearms experience and training, frequency of practice, holster selection, and carry position, among others. The internal safeties of the firearm are designed to prevent it from firing without the trigger being fully pulled. When the trigger is pulled, even unintentionally—whether by a finger or foreign object—the firearm will fire as designed. When engaged, a manual safety locks the trigger and prevents it from being accidentally or intentionally pulled, providing additional protection from unintentional discharge. However, an engaged manual safety will also prevent an operator from firing their pistol even when they need it to fire if the manual safety is not first disengaged.

SIG SAUER encourages those considering the purchase of a firearm to carefully evaluate whether a manual safety would be the best choice for them.



# WARNINGS

Regardless of whether a firearm is equipped with an external manual safety, it remains the operator's obligation to continue to practice safe firearm handling. Firearms should always be treated as loaded and must be handled in a safe manner even if the firearm is equipped with a manual safety. Trigger discipline and utilizing an appropriate holster that protects the trigger when a firearm is being carried is of paramount importance even for firearms that have a manual safety (as the pistol can be carried with the safety in a disengaged condition). Be advised, however, that holsters, while offering further trigger protection, do not prevent accidental discharges as it may be possible for a foreign object to get into the holster, particularly with light-bearing holsters. Extreme caution should be taken when holstering and unholstering a pistol to ensure nothing gets into the holster. Pistol safeties, whether internal or external, should never be relied upon to excuse undisciplined handling of a firearm.

This firearm may not have a manual safety if you have made the decision, based on the factors above, to purchase a gun without a manual safety. A manual safety – when engaged -- is designed to mechanically prevent the firearm from discharging when the trigger is pulled or pressed, either intentionally or unintentionally. **THE MOST EFFECTIVE SAFETY IS TO CARRY YOUR PISTOL WITHOUT A ROUND IN THE CHAMBER, AND TO LOAD A ROUND IN THE CHAMBER ONLY WHEN READY TO FIRE.** Regardless of whether your firearm is equipped with a manual safety you must take steps to protect against unintentional movement of the trigger, particularly if you elect to carry your pistol with a round in the chamber. If you have a round in the chamber and the trigger is pressed to the rear, the firearm will fire absent an engaged manual safety.



# WARNINGS

**SIG SAUER**

## 1.0 SAFETY WARNINGS - CONTINUED

Your firearm comes equipped with effective, well-designed safety features. However, never rely completely on any safety mechanism. Careless and improper handling of any firearm can result in an unintentional discharge.

Only your safe firearm handling habits 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.

The best safety is proper and applied training in safe firearm handling. Always handle your firearm as though you expect the safeties not to work.

Do not load a cartridge into the chamber until you are ready to use the firearm. If your firearm is equipped with a manual safety, keep the safety ON until you are actually ready to use the firearm. Always move the safety fully to its engaged position and visually check it. The safety is not ON unless it is completely ON.

### ABUSIVE HANDLING

SIG SAUER firearms incorporate effective mechanical safeties. However, like any mechanical device, exposure to abusive conditions may have a negative effect on these safety mechanisms and cause them to fail to work as designed. Do not subject your SIG SAUER firearm to any type of abusive handling. This includes the firearm being dropped, impact to the firearm, or the firearm being struck by another object. Make sure you always maintain control of your firearm at all times. If your firearm does suffer an abusive event such as previously described, 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 prior to using the firearm.



# WARNINGS

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

As previously noted, if your SIG SAUER firearm does suffer an abusive event, unload it immediately and have it inspected by a certified SIG SAUER Armorer prior to using the firearm. If your firearm suffers an abusive event during a life-threatening/self-defense situation, you must apply immediate action by:

1. Pulling the slide completely rearward to eject the chambered cartridge.
2. Releasing the slide to chamber a new cartridge and resetting the trigger mechanism. (Do not ride the slide forward).
3. The firearm is now 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.

## REPLACEMENT PARTS

Do not attempt to disassemble your SIG SAUER firearm beyond the point explained in this manual. Disassembly beyond the instructions in this manual is restricted to a certified SIG SAUER armorer. Failure to comply with these restrictions will void your warranty.

Warnings and instructions about the use of some SIG SAUER replacement parts, assemblies, and accessories may be described in literature accompanying the specific products. Read and carefully follow those instructions. Such warnings and instructions are provided to assure the safe functioning of the firearm. Failure to heed them may result in improper functioning, damage to the firearm, and serious injury or death to you or others.



# WARNINGS

**SIG SAUER**

## 1.0 SAFETY WARNINGS - CONTINUED

### ALTERATIONS

This SIG SAUER firearm was designed to function properly in its original condition. Unauthorized alterations can make it unsafe. Do not alter any part or add or substitute any parts or accessories not manufactured by SIG SAUER for this pistol. The addition of any parts or accessories beyond the user level of maintenance described in this manual is not authorized.

### HOLSTERS

Another important factor in safely carrying your pistol is holster selection. Properly designed holsters should protect your trigger from being contacted inadvertently. However, different holsters provide different levels of trigger security, and it is your responsibility to ensure the holster you select adequately protects the trigger when the firearm is holstered.

For example, holsters designed to accept firearms equipped with a tactical light generally have large openings to accommodate the bezel of the light, rendering the trigger area of the holstered firearm accessible to foreign objects or fingers. Make sure you are familiar with the protections your holster provides before you carry your pistol and familiarize yourself with all warnings and instructions that are provided by the holster manufacturer.

If you carry your pistol while seated in a vehicle, whether you are the driver or the passenger, you must ensure that the holster protects the pistol from any surrounding features or devices in the vehicle that could interfere with the safe carry of the pistol. For example, ensure you can enter and exit the vehicle without the seat belts becoming snagged on the firearm or the holster.

### ACCESSORIES

It is your responsibility to ensure that all accessories, such as holsters and firearm-mounted lights, are compatible with this firearm and that the accessories do not interfere with the safe operation and handling of the firearm.



# WARNINGS

## **TRANSPORTING**

When transporting your firearm, be sure the firearm is unloaded and cleared of all ammunition. It is your responsibility to familiarize yourself with the laws of any state you will be traveling through with your firearm.

## **STORAGE**

The only safe way to store your firearm is unloaded, cleared of all ammunition, and secure. Safe and secure storage is one of your most important responsibilities. Store your unloaded firearm separate from your ammunition and in places inaccessible to children or unauthorized persons.

## **CHAMBER SAFETY FLAG**

Every SIG SAUER firearm is shipped with a chamber safety flag. The chamber safety flag prevents the chambering of a round when installed and provides a readily visible indication that the firearm's chamber is empty. The chamber safety flag is to be installed 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.

## **LIABILITY**

PISTOLS are classified as FIREARMS and are 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



# WARNINGS

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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, Inc. be liable for incidental or consequential damages such as loss of use of property, commercial loss, and loss of earnings or profits.

## **BASIC RULES OF SAFE FIREARMS HANDLING**

1. ALWAYS treat every firearm as if it were loaded.
2. ALWAYS be sure the barrel is clear of any obstruction.
3. ALWAYS be sure of your backstop, what lies beyond, and the safety of bystanders before you shoot.
4. ALWAYS use clean, dry, original factory-made ammunition of the proper type and caliber for your firearm.
5. ALWAYS wear ear protection and safety glasses when shooting.
6. ALWAYS carry your firearm so that you can control the direction of the muzzle if you fall or stumble.
7. NEVER shoot at a flat surface or water.
8. DO NOT leave a loaded firearm unattended. Firearms and ammunition should be stored separately, locked if possible, and beyond the reach of children, careless adults, or unauthorized users.
9. NEVER allow your firearm to be used by anyone who has not read and understood this operator's manual.
10. DO NOT point any firearm, loaded or unloaded, at any undesired or unsafe target.
11. NEVER discharge your 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.
12. NEVER drink alcoholic beverages or use drugs before or during shooting, as your vision and judgment could be seriously impaired, making your firearm handling unsafe.



# WARNINGS

## 1.1 EYE AND EAR PROTECTION



Always wear safety glasses that meet the requirements of American National Standards Institute (ANSI) z87.1 and ear plugs and “ earmuff ”-type protectors whenever you are shooting. Always make certain that persons close to you 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.

## 1.2 AMMUNITION

Use only high-quality, original, factory-manufactured ammunition. Do not use cartridges that are dirty, wet, corroded, bent, or damaged. Do not oil cartridges. Do not spray aerosol-type lubricants, preservative, or cleaners directly onto cartridges or where excess spray may flow into contact with cartridges. Lubricant or other foreign matter on cartridges can cause potentially dangerous ammunition malfunctions. Use only ammunition of the caliber for which your firearm is chambered. The proper caliber is permanently engraved on your firearm's barrel. Only use ammunition of that caliber.

The use of reloaded, “re-manufactured” hand-loaded, or other nonstandard ammunition voids all warranties. Reloading is a science and improperly loaded ammunition can be extremely dangerous.

Severe damage to the firearm and serious injury or death to the shooter or to others may result. 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.



# WARNINGS

**SIG SAUER**

## 1.2 AMMUNITION - CONTINUED

SIG SAUER, Inc. 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, “re-manufactured” hand-loaded (reloaded) ammunition, or cartridges other than those for which the firearm was originally chambered.

Firearms may be severely damaged and serious injury or death to the shooter or to others may result from any condition causing excessive pressure inside the chamber or barrel during firing. Excessive pressure can be caused by obstructions in the barrel, propellant powder overloads, the use of incorrect cartridges, or defectively assembled cartridges. In addition, the use of a dirty, corroded, or damaged cartridge can lead to a burst cartridge case and consequent damage to the firearm and personal injury from the sudden escape of high-pressure propellant gas within the firearm’s mechanism.

### **OBSTRUCTED BORE**

Immediately stop shooting, keep the pistol pointed in a safe direction whenever:

- You have difficulty in or feel 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.
- Firing a subsequent bullet into the obstructed barrel can damage the firearm and cause serious injury to the shooter or to bystanders.



# WARNINGS

## 1.2 AMMUNITION - CONTINUED

Bullets can become lodged in the barrel when:

- The cartridge has been improperly loaded without propellant powder or the powder fails to ignite (ignition of the cartridge primer alone will push the bullet out of the cartridge case, but usually does not generate sufficient energy to expel the bullet completely from the barrel);
- The bullet is not properly seated in the cartridge case. When such a cartridge is extracted from the chamber without being fired, the bullet may be left behind in the bore at the point where the rifling begins. Subsequent chambering of another cartridge may push the first bullet further into the bore.

If there is any reason to suspect that a bullet is obstructing the barrel, immediately unload and clear the firearm. Field strip the pistol 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.

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. Such techniques can generate excessive pressure, damage the firearm, and cause serious personal injury or death.

If the bullet can be removed by tapping it with a cleaning rod, 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. Dirt, corrosion, or other foreign matter on a cartridge can impede chambering and may cause the cartridge case to burst upon firing. A damaged or deformed cartridge may also impede chambering or cause the cartridge case to burst upon firing.



# WARNINGS

**SIG SAUER**

Do not lubricate cartridges. Be sure to wipe the chamber clean of any oil or preservative before shooting. Oil interferes with the friction between cartridge case and chamber wall that is necessary for safe functioning and subjects the firearm to stress similar to that imposed by excessive pressure.

Use lubricants sparingly on the moving parts of your firearm. Avoid excessive spraying of any aerosol gun care product, especially where it might get on ammunition. All lubricants, aerosol spray lubricants in particular, can penetrate cartridge primers and cause misfires. 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.

Death, serious injury, and damage to the firearm can result from the use of wrong ammunition, bore obstructions, powder overloads, or incorrect cartridge components. Always wear shooting glasses and hearing protection.



**WARNING: CANCER AND REPRODUCTIVE HARM—[www.P65warnings.ca.gov](http://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 YOU TO LEAD.



# WARNINGS

## 1.3 STATE-BY-STATE WARNINGS

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



### **CALIFORNIA: WARNING**

Firearms must be handled responsibly and securely stored to prevent access by children and other unauthorized users. California has strict laws pertaining to firearms, and you may be fined or imprisoned if you fail to comply with them. Visit the Web site of the California Attorney General at <https://oag.ca.gov/firearms> for information on firearm laws applicable to you and how you can comply. Prevent child access by always keeping guns locked away and unloaded when not in use. If you keep a loaded firearm where a child obtains and improperly uses it, you may be fined or sent to prison."

If you or someone you know is contemplating suicide, please call the National Suicide Prevention Lifeline at 1-800-273 TALK (8255).



### **ADVERTENCIA**

Las armas de fuego deben manipularse de manera responsable y segura para evitar el acceso de niños y otros usuarios no autorizados. California tiene leyes estrictas relacionadas con armas de fuego, y usted puede ser multado o encarcelado si no las cumple. Visite el sitio web del fiscal general de California en <https://oag.ca.gov/firearms> para obtener información sobre las leyes de armas de fuego que son aplicables y cómo puede cumplirlas. Evite el acceso de niños manteniendo siempre las armas bloqueadas y descargadas cuando no estén en uso. Si mantiene un arma de fuego cargada donde un niño la puede obtener y la usa indebidamente, se le puede multar o enviar a prisión.

Si usted o alguien que conoce está contemplando el suicidio, llame a la Línea Nacional de Prevención del Suicidio al 1-800-273 TALK (8255).



# WARNINGS

**SIG SAUER**

## **CONNECTICUT:**

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

## **FLORIDA:**

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

## **MAINE:**

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

## **MARYLAND:**

"WARNING: CHILDREN CAN OPERATE FIREARMS WHICH MAY CAUSE DEATH OR SERIOUS INJURY. IT IS A CRIME TO STORE OR LEAVE A LOADED FIREARM IN ANY LOCATION WHERE AN INDIVIDUAL KNEW OR SHOULD HAVE KNOWN THAT AN UNSUPERVISED MINOR WOULD GAIN ACCESS TO THE FIREARM. STORE YOUR FIREARM RESPONSIBLY!"



# WARNINGS

## **MASSACHUSETTS:**

**“WARNING FROM THE MASSACHUSETTS ATTORNEY GENERAL:**

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



# WARNINGS

**SIG SAUER**

## **MASSACHUSETTS: - Continued**

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

## **NEW JERSEY:**

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

## **NEW YORK CITY, NY:**

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



# WARNINGS

## **NORTH CAROLINA:**

Any person who resides in the same premises as a minor, owns or possesses a firearm, and stores or leaves the firearm (i) in a condition that the firearm can be discharged and (ii) in a manner that the person knew or should have known that an unsupervised minor would be able to gain access to the firearm, is guilty of a Class 1 misdemeanor if a minor gains access to the firearm without the lawful permission of the minor's parents or a person having charge of the minor and the minor:

- (1) Possesses it in violation of G.S. 14-269.2(b)
- (2) Exhibits it in a public place in a careless, angry, or threatening manner;
- (3) Causes personal injury or death with it not in self defense; or
- (4) Uses it in the commission of a crime.

## **TEXAS:**

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

## **WISCONSIN:**

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

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



# WARNINGS

**SIG SAUER**

## 1.4 LOCKING DEVICES



All firearms are originally shipped with a key-operated locking device, except for Custom Works firearms that are shipped with a lockable case.

Although it can help provide secure storage for your unloaded firearm, any locking device can fail.

All firearms are designed to fire if they are loaded and the trigger is pressed.

Therefore, never install the locking device inside the trigger guard or in any way that makes it possible to press the trigger! Do not leave the keys in the lock.

The ultimate responsibility for secure storage of any firearm must depend upon its owner and his or her individual circumstances.

Firearms should be stored unloaded, in a secure location, separate from their ammunition.

To maximize effectiveness and reduce the chances of malfunction or damage to a firearm, **ALWAYS** refer to the locking device's manufacturer directions for installation and removal of the device.



# WARNINGS

## 1.5 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:



[sigsaueracademy.com](http://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](http://nra.com)

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## 2.0 MECHANICAL CHARACTERISTICS

### 2.1 DESCRIPTION OF RAIDER X BRACE

The FLUX™ Raider X™ is a chassis system designed by FLUX Defense to be compatible with the P320® family of pistols to include the M17/M18 pistols. The extension rails can accept a brace or a stock. The brace version is neither designed nor intended to be shouldered. Short barreled rifle (SBR) stocks are available for those looking to register their SIG P320 as an SBR.

Developed around feedback from special operations – the new Raider X is stronger, lighter, and faster than previous models. There are numerous improvements to the design, enhancing durability, reliability, ergonomics, and aftermarket compatibility while keeping to the design that has been tested and approved for use by tier one units.



Scan the QR code to visit [fluxdefense.com](http://fluxdefense.com) where you will find additional information about Flux Defense products, install videos, and merchandise.



Scan the QR code to visit [sigsauer.com](http://sigsauer.com) where you will find additional information about SIG SAUER products, SIG SAUER Academy and the SIG Experience Center, Special Programs, and additional support.





## 2.2 FEATURES

- Advanced injection molded polymer.
- Patented Dual Magazine Release system for lightning fast reloads.
- Flared magazine wells.
- 2X Quick Detachable sling positions.
- Optimal optic mount height (Picatinny Rail).
- Spare battery compartment.
- Closed system for reliability against dust and debris.
- Overall Dimensions, Collapsed: 11"L X 6"H X 1.7"W.
- Extended length 18".
- Light: 18 oz (Chassis only), 40oz (assembled).
- Chrome Moly Steel Nitride finish for maritime use.
- Easy installation and excellent ergonomics.
- Accepts larger diameter suppressors.

## 2.3 COMPATIBILITY LIST



### WARNING PHYSICAL INJURY



**TO USE THE P320® CARRY, COMPACT, OR SUBCOMPACT BARREL, YOU MUST USE A THREADED BARREL WITH SUPPRESSOR OR COMPENSATOR. FAILURE TO COMPLY COULD RESULT IN SERIOUS INJURY.**

**KEEP HANDS, FINGERS, AND THUMBS AWAY FROM MUZZLE WHILE FIRING AS SERIOUS INJURY CAN OCCUR.**

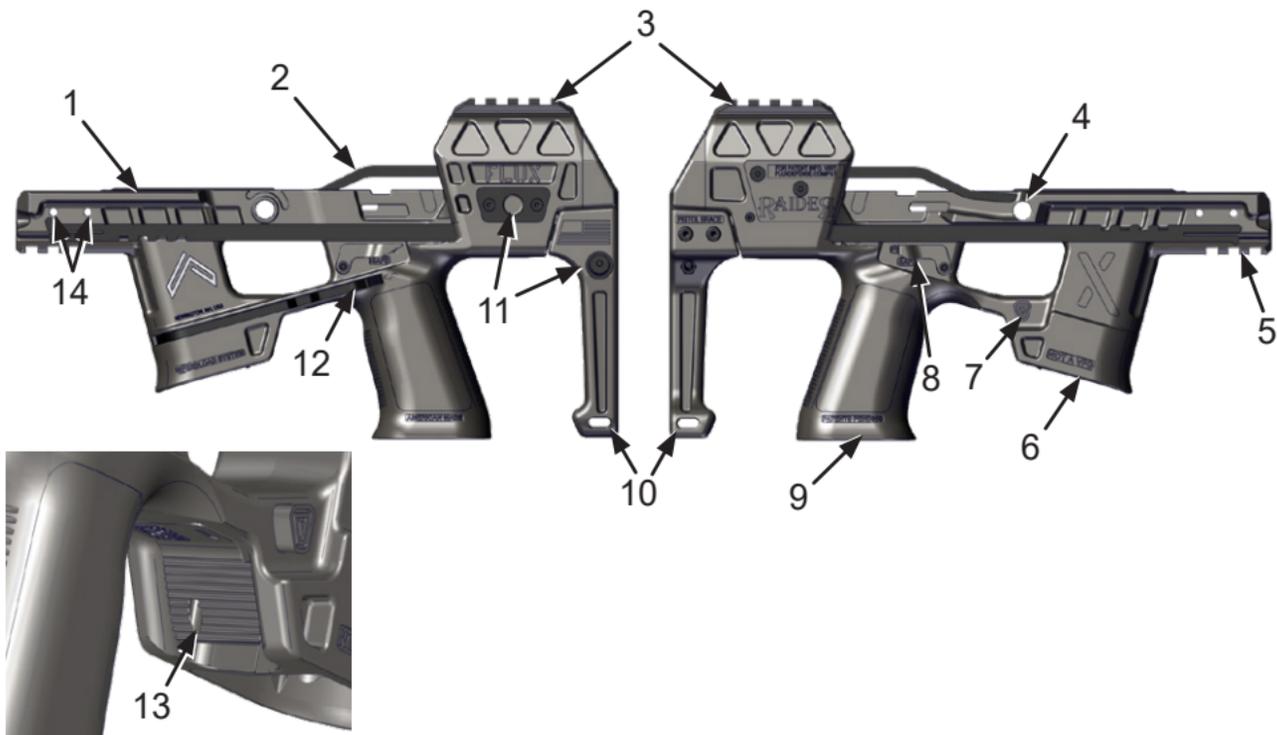
Compatibility Table	F=Full, Ca=Carry, C=Compact, SC= Sub Compact	Compatibility Table	
Slide	F, Ca, C, SC = Yes	Slide mounted optic	No
Barrel*	F = Yes Ca, C, SC = No	Suppressor Height Iron Sights	No
Barrel w/ Suppressor	F, Ca, C, SC = Yes	Aftermarket Triggers**	No
Magazine	F = Yes Ca, C, SC = No	FCU	Yes
		FCU w/ Manual Safety	No

\* Sub Compact and Compact barrels must be threaded and used only with an installed compensator or suppressor, to ensure the muzzle of the pistol is forward of the grip module.

\*\*Aftermarket triggers should not be used with a P320 equipped with a Flux Raider X grip module, as they may interfere with proper operation of the mechanical safety. Installation of any aftermarket parts will void the warranty of your SIG SAUER firearm.



## 2.4 MAIN COMPONENTS AND OPERATOR CONTROLS



**TABLE 1. OPERATOR CONTROLS AND FEATURES**

1	Raider X Chassis	Supports frame assembly, magazines, and accessories.
2	Brace Release	Extends the Raider brace.
3	M1913 Rail	Top rail used for optic or accessory mounting.
4	Takedown lever point	Installation point for takedown lever.
5	M1913 Rail	Bottom rail used for accessory mounting.
6	Forward Magazine Well	Forward storage area for spare magazine
7	Rear Magazine Release Button	Right side button to release rear magazine.
8	Ambidextrous Safety	Prevents trigger from being manipulated when engaged.
9	Rear Magazine Well	Holds and positions magazine for feeding ammunition into the barrel chamber.
10	Pistol Brace	Collapsible brace to help stabilize movement while firing.
11	QD Sling Mount	QD Sling attachment point
12	Rear Magazine Release Switch	Left side switch releases rear magazine.
13	Dual Magazine Release	Two stage button to release both front and rear magazines to optimize magazine swaps. Half push releases front magazine, full push releases both.
14	Side Accessory Mount	Optional side mount for M1913 3-slot rails for both left and right side to mount additional accessories.



## 3.0 HANDLING

### 3.1 PREPARATION INSTRUCTIONS



#### WARNING



**BEFORE LOADING, CLEAN ALL GREASE AND OIL FROM THE BORE AND CHAMBER. ENSURE THERE ARE NO OBSTRUCTIONS IN THE BARREL. FIRING THE PISTOL WITH OBSTRUCTIONS IN THE BARREL COULD RESULT IN A BULGED OR BURST BARREL OR OTHER DAMAGE TO THE FIREARM. FAILURE TO COMPLY COULD RESULT IN DEATH OR SERIOUS INJURY TO THE SHOOTER OR TO OTHERS.**

Prior to firing the pistol for the first time, perform an initial cleaning and lubrication of the pistol after you unpack it. Any fouling present will have been from final range firing at the factory prior to shipping. Refer to section “7.3 Cleaning and Lubricating” on page 74 for instructions on cleaning the pistol. If you have the pistol and ammunition and have read and understood all of the instructions in this manual, you are now ready to use the pistol.

### 3.2 MANUAL SAFETY

The Raider X is offered with an ambidextrous manual safety. The manual safety mechanically blocks the movement of the trigger, preventing release of the striker.

To engage the manual safety, rotate the manual safety lever upward. The word **SAFE** will be visible. The manual safety is ambidextrous. Pressing up on the lever from either side will rotate the opposite lever upward, engaging the manual safety. The slide can be manipulated with the manual safety engaged.



MANUAL SAFETY ENGAGED



MANUAL SAFETY DISENGAGED



### 3.3 LOADING THE MAGAZINE

#### CAUTION

DO NOT ATTEMPT TO INSERT MORE CARTRIDGES THAN THE MAGAZINE'S DESIGNED CAPACITY.

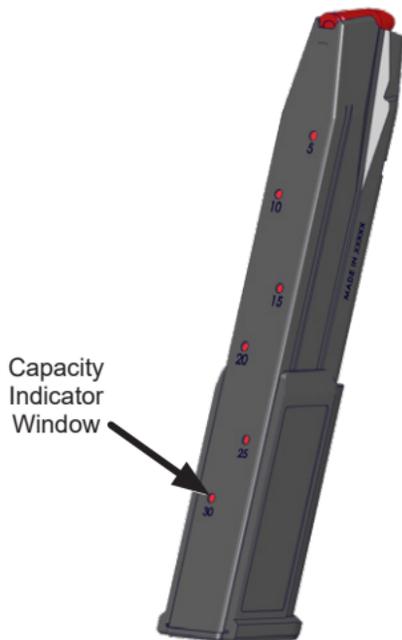
#### NOTE

Ensure that the magazine is the proper type and caliber for the pistol.

1. Press down on magazine follower using cartridge case rim. Ensure that bullet is facing the front of magazine.



2. Push the cartridge to the rear and under magazine lips.
3. Repeat until magazine holds the desired number of cartridges or is full. Do not attempt to insert more cartridges than the magazine's designed capacity.



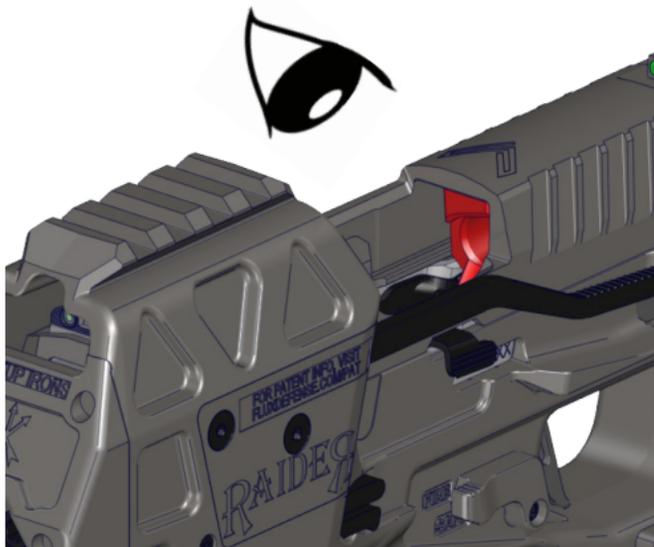


### 3.4 LOADING THE PISTOL

1. Point pistol in a safe direction. Engage manual safety if so equipped.
2. Fully retract slide and lock it to the rear by pushing up on slide catch lever.

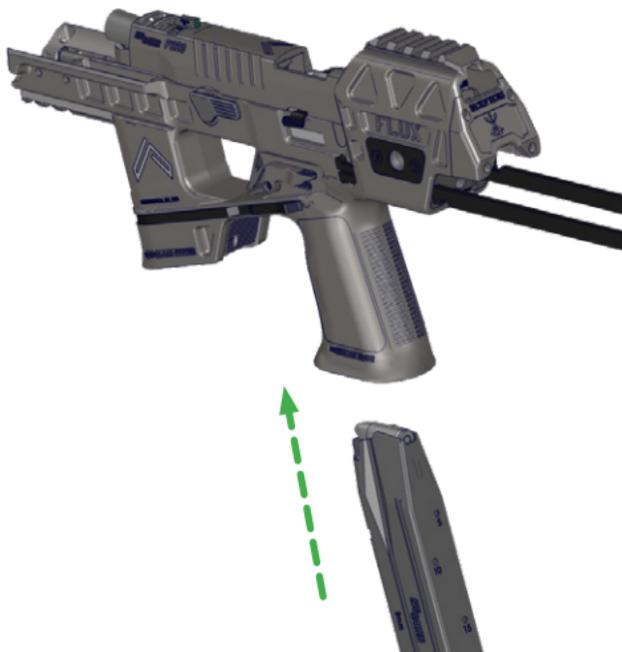


3. Visually and physically inspect the chamber to ensure that it is clear.
4. Inspect breech face and magazine well for any foreign debris or ammunition.

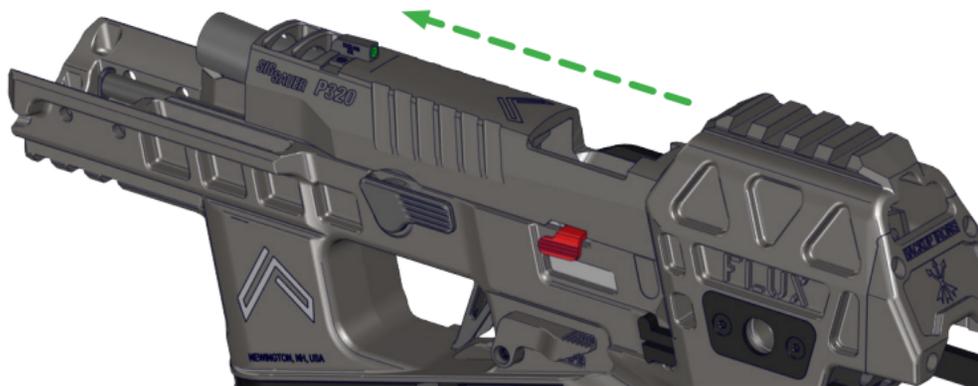




5. Insert a loaded magazine, pushing it up into magazine well until it locks in place. You should hear an audible click.



6. Release the slide by either:
- Pressing down on the slide catch lever, releasing the slide forward and chambering a cartridge.
  - Pulling back on slide until slide catch lever drops clear of the slide then releasing it to chamber a cartridge. Do not ride slide forward. Failure to properly complete this step may induce a stoppage.



**WARNING LOADED PISTOL**



**THE PISTOL IS NOW LOADED AND READY TO FIRE.**



### 3.5 OPTIONAL FRONT MAGAZINE STORAGE

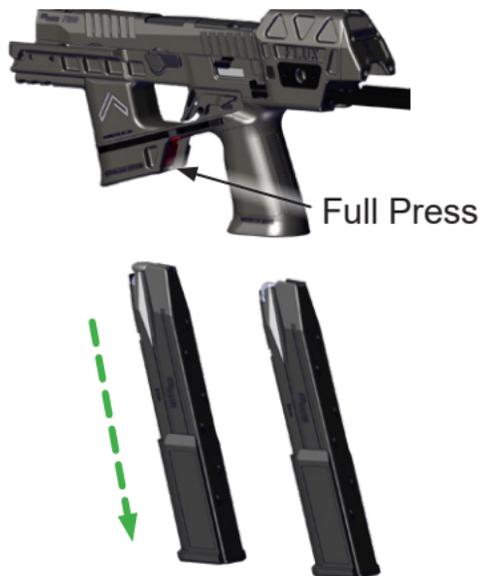
The Flux Raider has an optional front magazine storage for easy reloading capability.

1. Load a second magazine.
2. Insert magazine into front storage slot until it locks in place.



### 3.5.1 EJECT FRONT MAGAZINE

1. To eject only the front magazine press the front magazine release button half way.
2. To eject both front and rear magazine, press the front magazine release button completely inward.



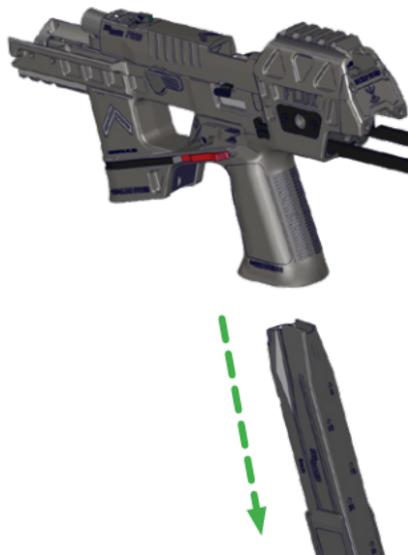


### 3.6 RELOADING DURING SHOOTING – DEPLETED MAGAZINE

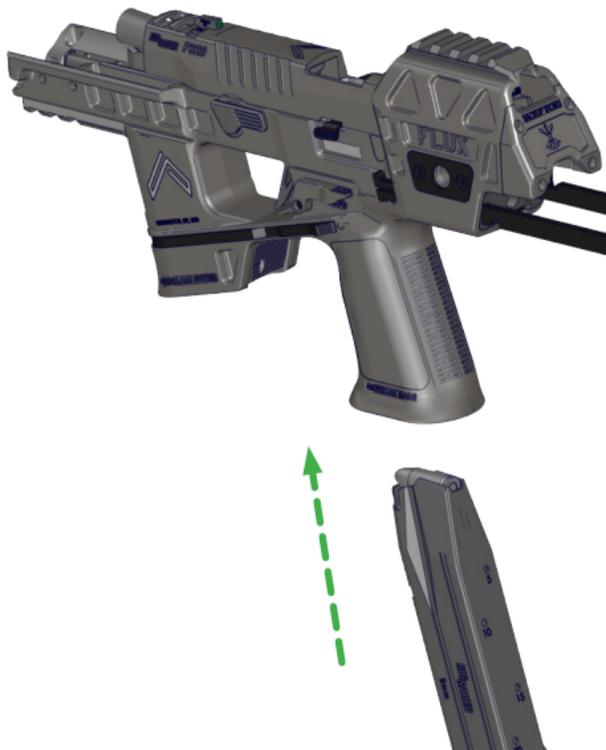
#### NOTE

When the last cartridge in the magazine is expended, the slide will be locked back in the open position by the slide catch lever.

1. Engage manual safety.
2. Press magazine release or magazine release button to remove empty magazine.



3. Insert a loaded magazine, making sure it is locked into grip module.





4. Release the slide by either:
- a. Pressing down on slide catch lever.
  - b. Pulling back and releasing slide.



**WARNING LOADED PISTOL**



**THE PISTOL IS NOW LOADED AND READY TO FIRE.**

### 3.7 RELOADING DURING SHOOTING – PARTIAL MAGAZINE

#### NOTE

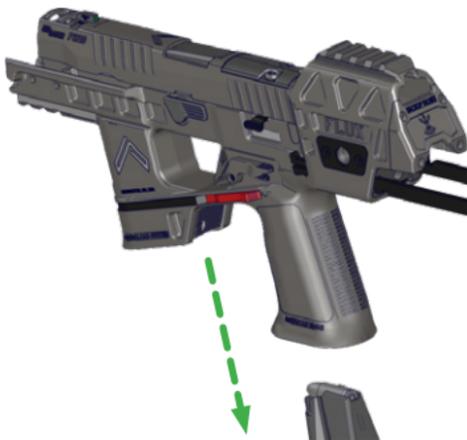
A magazine does not need to be empty to be removed.

1. Keep the muzzle pointed in a safe direction.
2. Rotate the manual safety lever upward to engage manual safety.





3. Press magazine release or magazine release button to remove loaded magazine.



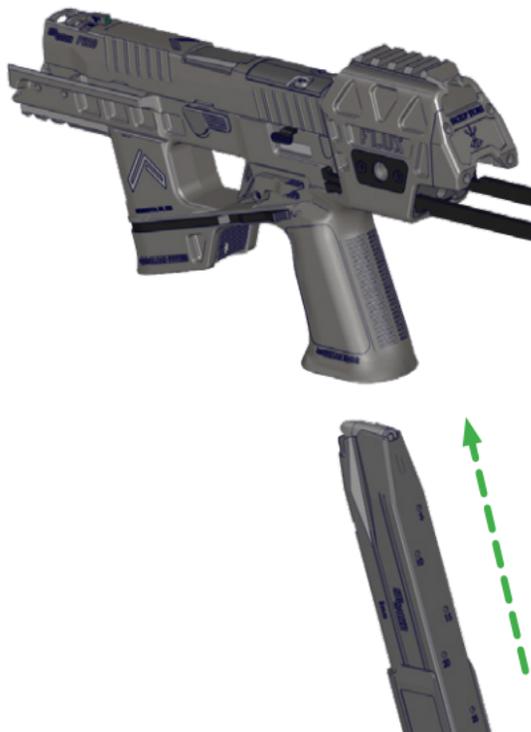
**WARNING**

**LOADED PISTOL**



**THE PISTOL IS STILL LOADED AND READY TO FIRE.**

4. Insert a loaded magazine by pushing it up and into the magazine well until it locks in place. You should hear an audible click.





5. Optionally for a fast reload using a magazine stored in the front storage magazine well, press the front magazine release button fully while holding the front magazine to quickly swap them.



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## 4.0 FIRING



### WARNING LOADED PISTOL



**KEEP FINGER OUT OF TRIGGER GUARD AND OFF TRIGGER UNTIL YOU ARE ACTUALLY READY TO FIRE THE PISTOL.**

Keep the muzzle pointed in a safe direction and your finger off of the trigger and out of the trigger guard when cycling the slide of any pistol.

Never discharge any firearm with your finger, hand, face, or other part of your body over or adjacent to the ejection port, or in any position where you may be struck by the reciprocating movement of the slide. Both the ejection of empty cartridge cases and the movement of the slide are part of the normal operating cycle of firearms and pose no safety hazard to the shooter if the firearm is held in a normal grip and fired at arm's length.

Never allow other persons to stand beside you where they might be struck by an ejected cartridge case. The case is hot and may be ejected with sufficient force to cause a burn, cut, or other injury. Wear safety glasses to protect your eyes. Make certain that there is a clear, unobstructed path for safe ejection of the fired case. Remember, the case might bounce off a hard object nearby and strike you or someone else.

## 4.1 STOPPAGES AND MALFUNCTIONS



### WARNING STOPPAGE



#### **STOP SHOOTING IMMEDIATELY! UNLOAD AND CLEAR THE FIREARM.**

A stoppage is defined as an interruption in the pistol's cycle of function that can be cleared by the operator applying immediate action. Immediate action is the steps taken by the operator to place the pistol back in service without investigating the cause of the stoppage. When practical, always stop shooting and investigate the cause of a stoppage in the manner outlined below.

If while shooting, your firearm develops a stoppage, or a discharged round sounds or feels unusual, stop shooting immediately. It may be dangerous to continue. Do not try one more shot. Keep the firearm pointed in a safe direction and unload and clear the firearm immediately by removing the magazine, locking the slide to the rear and clearing any expended or live ammunition from the firearm, visually and physically checking the chamber, breech face, and magazine well.

With the firearm unloaded and cleared, perform an additional visual inspection of the firearm and the ammunition. If you suspect a bore obstruction, refer to section "1.2 Ammunition - Obstructed Bore". If damage to the firearm is found upon inspection, the stoppage persists, or a malfunction (defined as a failure of a part rendering the firearm inoperable and requiring the service of an authorized SIG SAUER Armorer) is suspected, take the firearm and ammunition to a certified SIG SAUER Armorer for service.



## WARNING COOK-OFF



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

If your pistol stops firing with a live cartridge in the chamber of a hot barrel due to a misfire or stoppage:

1. Keep pistol pointed in a safe direction to ensure neither the user nor any other person would be injured by the possibility of a cartridge “cooking-off”.
2. Immediately remove the magazine and chambered cartridge.
3. If you cannot remove the cartridge within 10 seconds, keep pistol pointed in a safe direction and wait at least 15 minutes.

Keep your face away from the ejection port while clearing a hot chamber.

## 4.2 MINIMIZING STOPPAGES

- You can help minimize most stoppages by cleaning and lubricating the pistol. See section “7.3 Cleaning and Lubricating” on page 74.
- Cleaning and lubricating your pistol 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 pistol if it is to be stored for extended periods of time without use.
- Most stoppages are directly related to the magazine. Perform maintenance on your magazines as well as the firearm. See section “7.2 Magazine Disassembly” on page 72.
- A good practice is to mark the magazines so you can identify a magazine that is related to a stoppage.



### 4.3 FIRING THE PISTOL



## WARNING

**PRIOR TO DEPLOYING BRACE ENSURE THE TRAVEL OF THE BRACE WILL NOT BE OBSTRUCTED BY CLOTHING OR ANY OTHER EQUIPMENT YOU MIGHT HAVE ON YOUR PERSON. ENSURE BRACE IS FULLY EXTENDED AND LOCKED IN POSITION PRIOR TO FIRING THE PISTOL.**



## WARNING EJECTION



**THE SLIDE OPENS AND SHUTS QUICKLY WHILE FIRING. KEEP FACE AND HANDS AWAY FROM EJECTION PORT. HOT BRASS, UNBURNT POWDER, AND GAS IS EJECTED QUICKLY AND CAN BURN YOU. ALWAYS WEAR SAFETY GLASSES AND HEARING PROTECTION.**



1. With muzzle pointed in a safe direction, press brace release lever if shooting with brace is desired. If brace does not fully extend pull it rearward until you hear an audible click.
2. Aim the pistol at a safe target and disengage manual safety.
3. Place your finger on trigger and press trigger rearward to discharge.
4. Keep the pistol aimed at target and continue to fire as desired or until magazine is empty.
5. Engage manual safety.
6. To unload and clear proceed to section "5.0 Unloading the Pistol" on page 54.





## 5.0 UNLOADING THE PISTOL

When there is a cartridge in the chamber, the cartridge will discharge if the trigger is pressed. It is absolutely essential for you to know how to completely unload the pistol. “Completely” means emptying the magazine and removing a chambered cartridge.



### **WARNING UNLOAD/CLEAR**

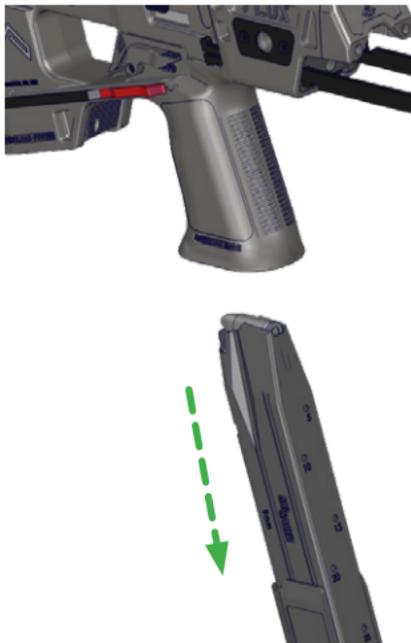


**REMOVING THE MAGAZINE FROM THE PISTOL DOES NOT PREVENT IT FROM BEING FIRED. PISTOL WILL FIRE A CHAMBERED CARTRIDGE EVEN WITH MAGAZINE REMOVED.**

1. Always make sure the muzzle is pointed in a safe direction. Remember to clear the chamber after the magazine has been removed.
2. Never assume that any firearm is unloaded until you have personally checked it, visually and physically.
3. After every range session, make a final check to be certain the firearm is unloaded before leaving the range.

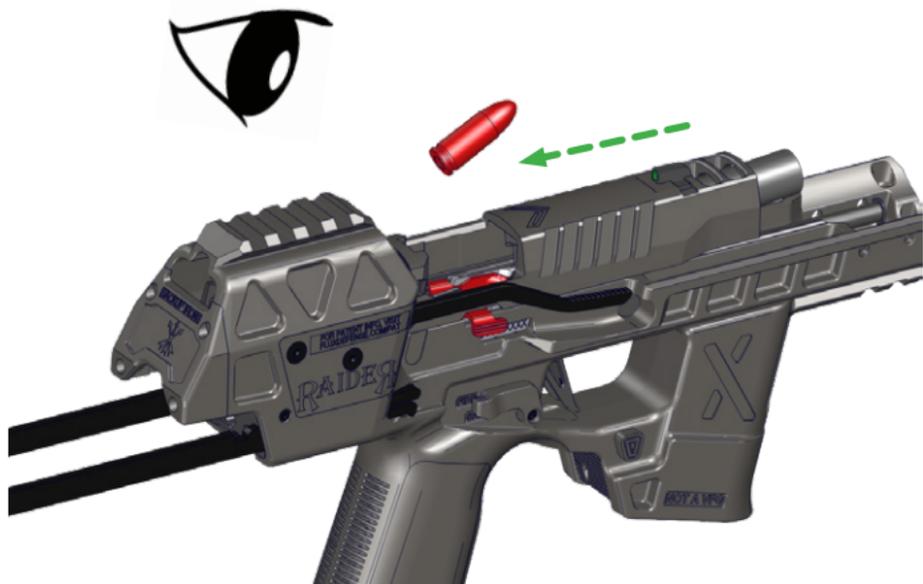
## 5.1 UNLOADING THE PISTOL (MAGAZINE NOT EMPTY)

1. Keep the muzzle pointed in a safe direction and engage manual safety.
2. Press magazine release and remove magazine.

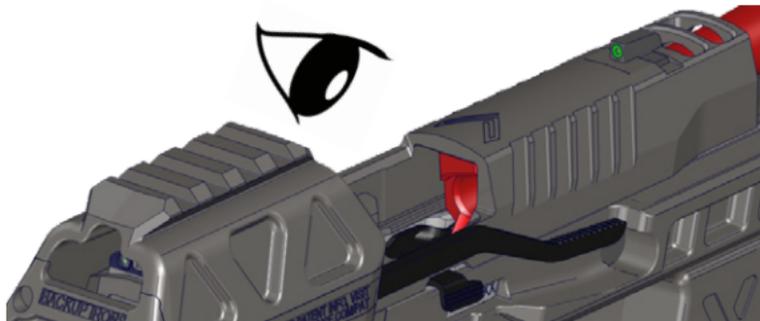




3. Pull the slide completely to the rear while watching for the ejection of a live cartridge. Push up on slide catch lever to lock slide open.



4. Visually and physically check the chamber, magazine well, and breech face to ensure that pistol is completely free of ammunition.



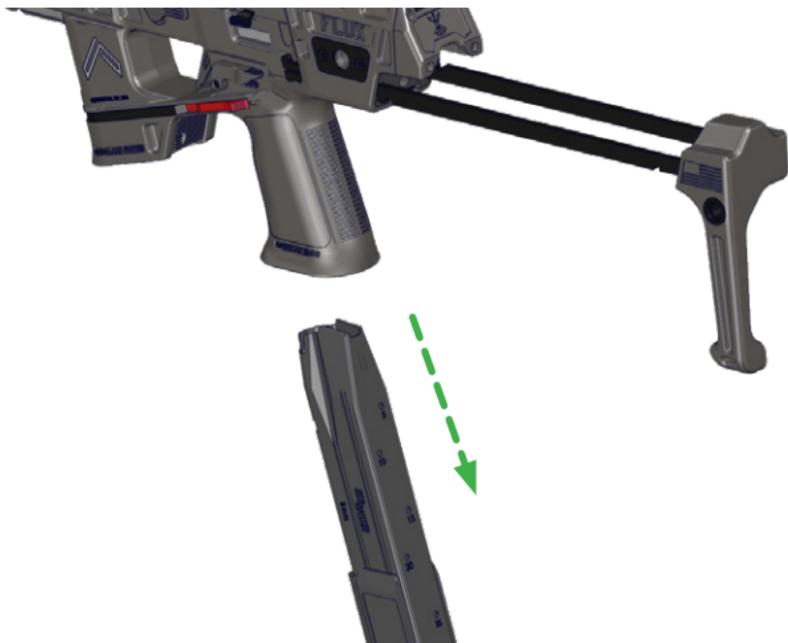
5. Press slide catch lever, causing slide to close.
6. Unload magazine.



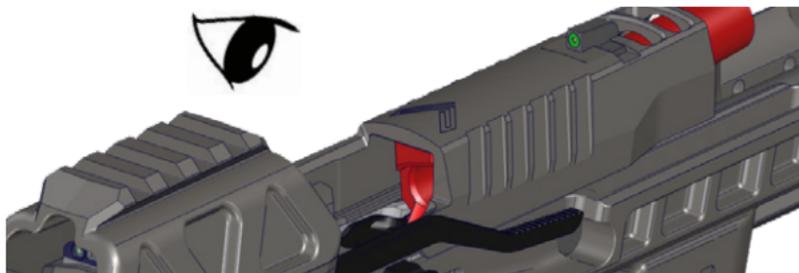


## 5.2 UNLOADING THE PISTOL (MAGAZINE EMPTY, SLIDE OPEN)

1. Keep the muzzle pointed in a safe direction and engage manual safety if so equipped.
2. Press magazine release and remove magazine.



3. Visually and physically check the chamber, magazine well, and breech face to ensure the pistol is completely free of ammunition.

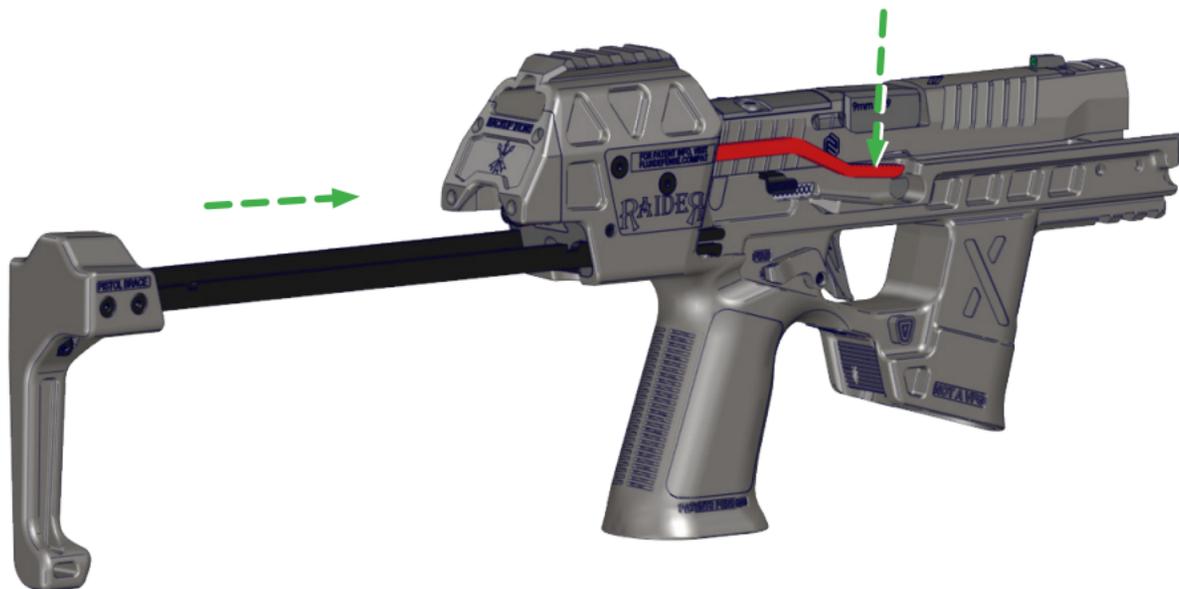


4. Press slide catch lever, causing slide to close.





5. Collapse brace by pressing brace release and simultaneously pushing in brace until it locks into place with an audible click.



## 6.0 TROUBLESHOOTING GUIDE

Stoppage	Cause	Correction
<b><i>Failure to Feed</i></b>		
No cartridge fed into chamber. Cartridge partially still in magazine.	Magazine not properly inserted or is deformed or dirty.	Correctly insert magazine or replace magazine.
	Damaged/broken magazine spring.	Replace magazine.
	Relaxed grip/shooter induced.	Increase grip on pistol.
<b><i>Failure to Chamber</i></b>		
Cartridge is free from magazine but not fully seated into chamber.	Dirty chamber.	Clean chamber.
	Damaged ammunition.	Replace ammunition.
	Weak or broken recoil spring guide assembly.	Return to SIG SAUER for repair.
	Relaxed grip/shooter induced.	Adjust or tighten grip on pistol.
<b><i>Failure to Fire</i></b>		
Trigger is pressed but no detonation.	Faulty ammunition.	Replace ammunition.
	Slide not fully locked forward.	Pull slide to rear and release.
	Damaged/broken striker assembly.	Return to SIG SAUER for repair.



<b>Stoppage</b>	<b>Cause</b>	<b>Correction</b>
<b><i>Failure to Fire</i></b>		
Trigger is pressed but no detonation.	Magazine not fully inserted on models equipped with magazine disconnect mechanism.	Properly insert magazine into magazine well.
<b><i>Failure to Extract</i></b>		
Expended case remains in chamber.	Dirty chamber.	Clean chamber/bore.
	Broken extractor or extractor spring.	Return to SIG SAUER for repair.
<b><i>Failure to Eject</i></b>		
Expended case remains in ejection port.	Damaged/broken ejector/slide catch lever.	Return to SIG SAUER for repair.

## 7.0 MAINTENANCE



### WARNING UNLOAD/CLEAR



VERIFY THAT THE MAGAZINE IS REMOVED. VISUALLY AND PHYSICALLY CONFIRM THE PISTOL IS UNLOADED AND CLEARED BEFORE ATTEMPTING DISASSEMBLY OR PERFORMING ANY MAINTENANCE STEPS. FAILURE TO ENSURE THE FIREARM IS UNLOADED AND CLEARED COULD RESULT IN UNINTENTIONAL DISCHARGE, CAUSING DEATH, SERIOUS INJURY, OR PROPERTY DAMAGE.

## 7.1 DISASSEMBLY OF RAIDER X BRACE

1. Unload/Clear pistol. See your P320 Operator's manual for unload/clear procedures.
2. Rotate safety lever from SAFE to FIRE to facilitate removal of FCU.





3. Extend brace by pushing down on the release lever on right side of chassis.



4. Lock slide to the rear by pulling slide rearward and pushing up on slide catch lever.





5. Rotate takedown lever clockwise until it stops.



**WARNING PARTS UNDER SPRING TENSION**

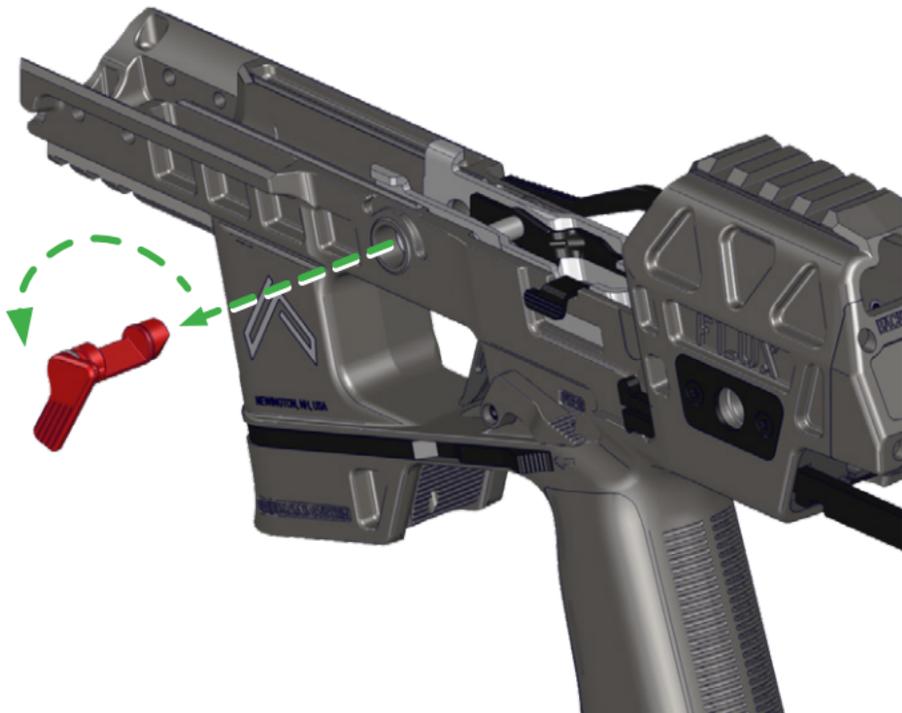
**SLIDE IS UNDER SPRING TENSION. MAINTAIN POSITIVE CONTROL DURING SLIDE REMOVAL TO PREVENT DAMAGE OR INJURY. WEAR EYE PROTECTION.**

6. Pull slide slightly rearward to disengage slide catch lever while maintaining control of slide assembly.
7. Guide the complete slide assembly (slide, barrel, recoil spring, and guide) forward and off the frame. Set aside for further disassembly.

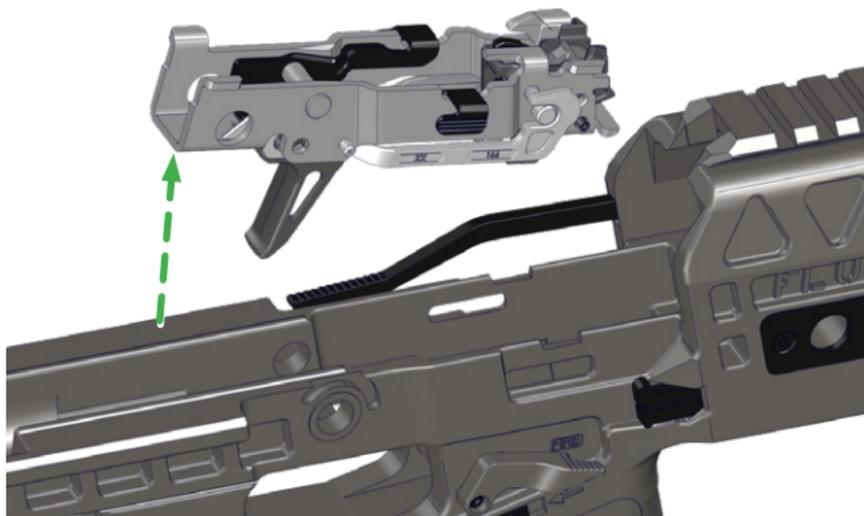




8. Remove takedown lever from chassis by rotating it as you pull it out.



9. Pull FCU out from chassis.

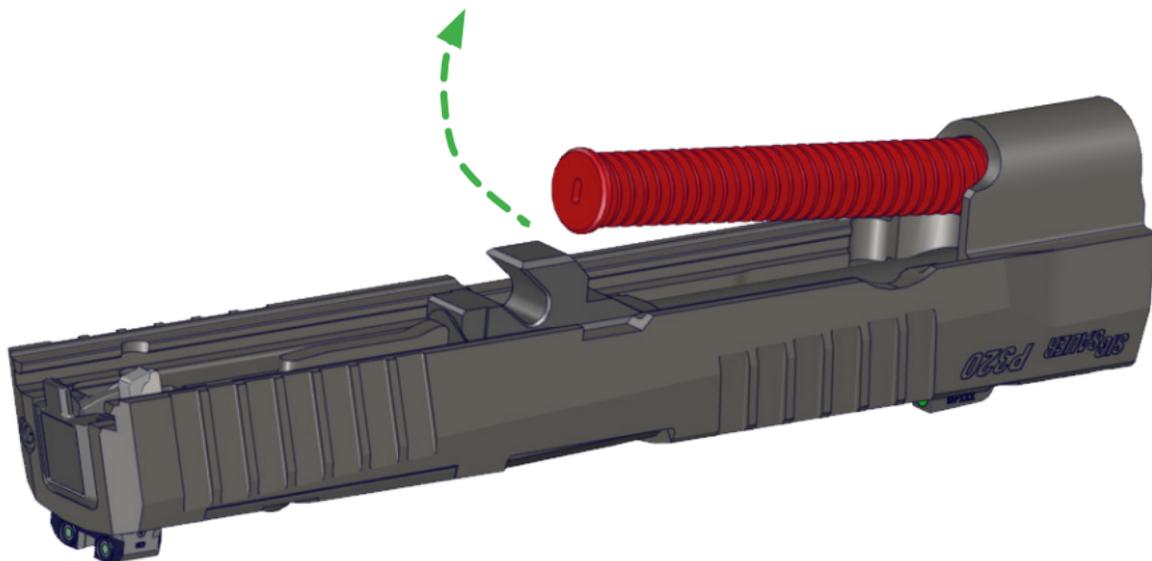


## CAUTION

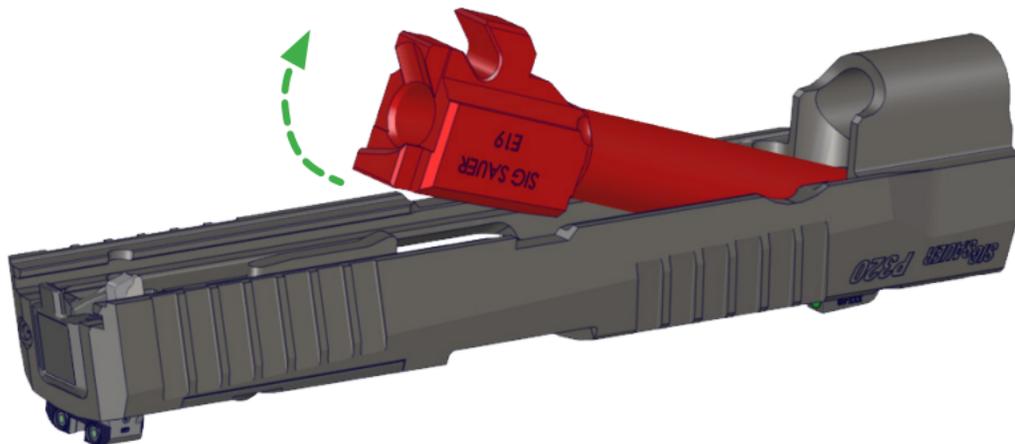
NO FURTHER DISASSEMBLY OF THE FIRE CONTROL UNIT (FCU) IS AUTHORIZED.



10. Push recoil spring guide forward slightly and lift from rear to remove recoil spring guide assembly from slide.



11. Remove barrel from slide by pulling it upward slightly and to the rear.



## NOTE

This level of disassembly is sufficient to allow a thorough cleaning after firing.



## 7.2 MAGAZINE DISASSEMBLY

1. Locate bottom of magazine floorplate.

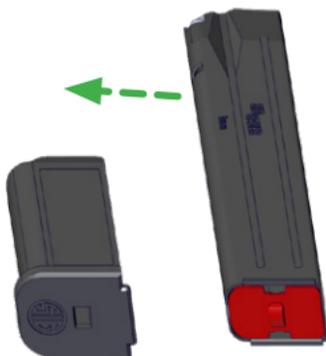


**WARNING PARTS UNDER SPRING TENSION**

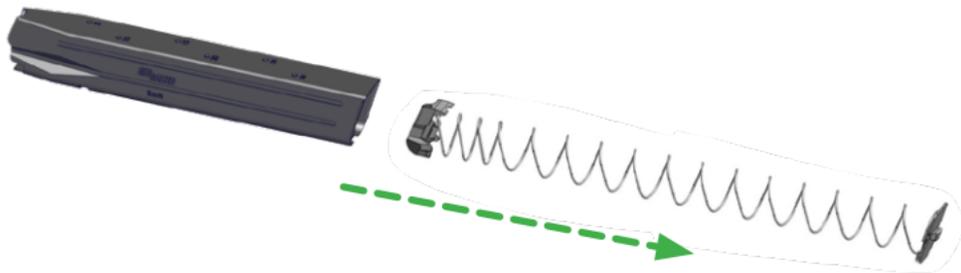


**THE MAGAZINE SPRING IS COMPRESSED. UNCONTROLLED RELEASE CAN CAUSE INJURY. WEAR EYE PROTECTION.**

- Using a punch or similar tool, push the tab of the magazine insert forward then down to release floorplate.



- Remove magazine follower and magazine spring from magazine tube.





## 7.3 CLEANING AND LUBRICATING



### **WARNING CLEANING**



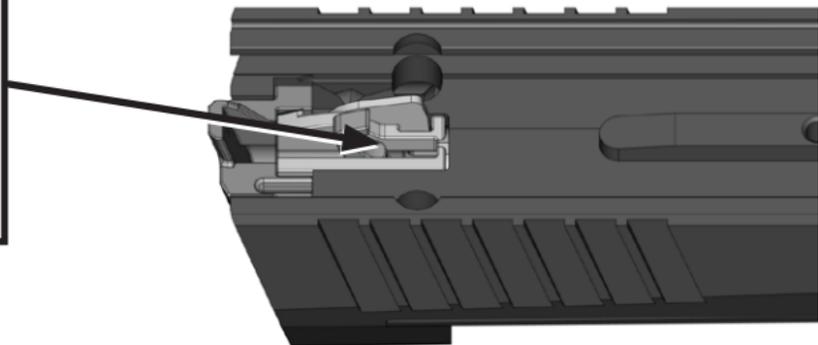
**READ AND FOLLOW THE MANUFACTURER'S WARNINGS BEFORE USING SOLVENTS OR CLEANERS. WEAR EYE PROTECTION.**

### **CAUTION**

NEVER CLEAN THE BARREL FROM THE MUZZLE END. DO NOT USE A STEEL WIRE BRUSH AS IT CAN DAMAGE THE SMOOTH SURFACE OF THE BARREL. USE A SUITABLE CLEANING ROD AND BRONZE BRUSH OF THE CORRECT CALIBER. SOLVENTS CAN BE HARMFUL TO THE SURFACE FINISH OF THE PISTOL. AVOID OVER-LUBRICATION OF COMPONENTS.

**CAUTION**

DO NOT LUBRICATE THE STRIKER OR ALLOW LUBRICANT TO FLOW INTO THE STRIKER CHANNEL OF THE SLIDE. THIS MAY CAUSE A LIGHT STRIKE TO THE CARTRIDGE RESULTING IN A FAILURE TO FIRE.





## **MATERIALS REQUIRED**

- Cleaning patches
- Cleaning cloth
- Bore brush of the proper caliber
- Cleaning rod
- CLP (Cleaning, Lubricant, Preservative)
- Lubricant, Low Temperature when applicable
- Cleaning brush

The following instructions are for normal environmental conditions. Clean and lube before or after every day the pistol is fired or at a minimum of every 500 rounds. The compensator (if installed) does not need to be removed for routine maintenance and cleaning.

## **SLIDE ASSEMBLY**

1. Remove all of the old lubricant before you reapply.
2. Clean the slide assembly with a cloth. A soft brush and CLP can be used to clean excessive dirt and carbon buildup. Ensure the extractor, rail slots, and breech face are free of dirt and residue.
3. Apply a light coat of CLP to the frame rail slots of the slide.
4. Lightly oil all external parts.
5. Do not lubricate the striker assembly.

## **BARREL**

1. Soak a patch with CLP and push it through the bore from the chamber end and out past the muzzle.
2. If compensator is installed, push barrel forward in the slide to allow space to run rods and patches through the barrel.
3. Allow the CLP to soak for several minutes to loosen residue and soften carbon deposits.
4. Wipe the exterior of the barrel with a cloth soaked in CLP.
5. Repeat step #1.
6. Use the bore brush and a cleaning rod to scrub heavy deposits from the bore.
7. Repeat step #1.
8. Push dry patches through the bore until they come out clean.
9. Lightly oil bore and chamber if the pistol is to be stored for a period of time.
10. Always remove any lubricant from the bore prior to firing the pistol.

## **RECOIL SPRING AND GUIDE ASSEMBLY**

The P320 recoil spring and guide assembly is not to be disassembled. It is serviced as a single unit.

1. Clean the recoil spring guide assembly with CLP and a soft brush.
2. After cleaning, apply a light coat of CLP.



## **RAIDER X GRIP MODULE ASSEMBLY**

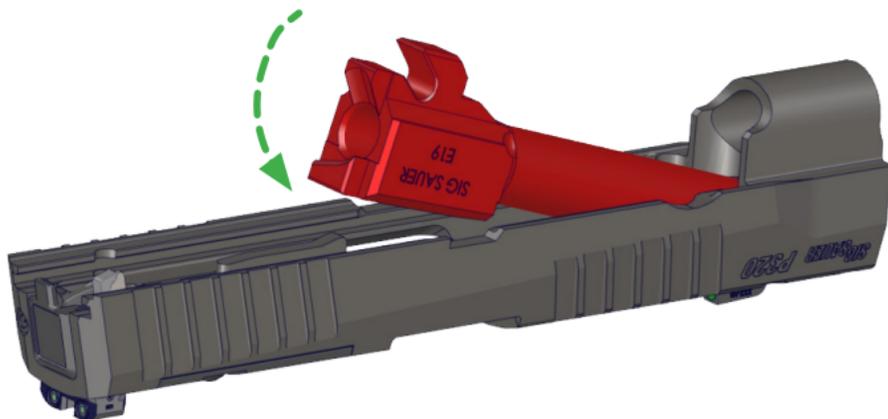
1. Wipe the frame and grip module assembly with a soft cloth.
2. Use cotton swabs to clean hard to reach areas. Pay special attention to the frame rails, takedown lever, and slide catch lever.
3. Lubricate the frame rails with a light coat of CLP.
4. Apply CLP to accessible functioning parts.
5. Clean the magazine well of any dirt, dust, or residue with a soft cloth.

## **MAGAZINE**

1. Wipe the magazine tube and follower with a cloth. Clean the magazine tube and follower with a soft brush and CLP.
2. Use a cloth to clean the magazine spring, floorplate, and base plate.
3. Apply a light coat of CLP to the spring and magazine tube.

## 7.4 PISTOL ASSEMBLY

1. Verify that barrel is clear of all foreign matter.
2. Insert barrel into slide.



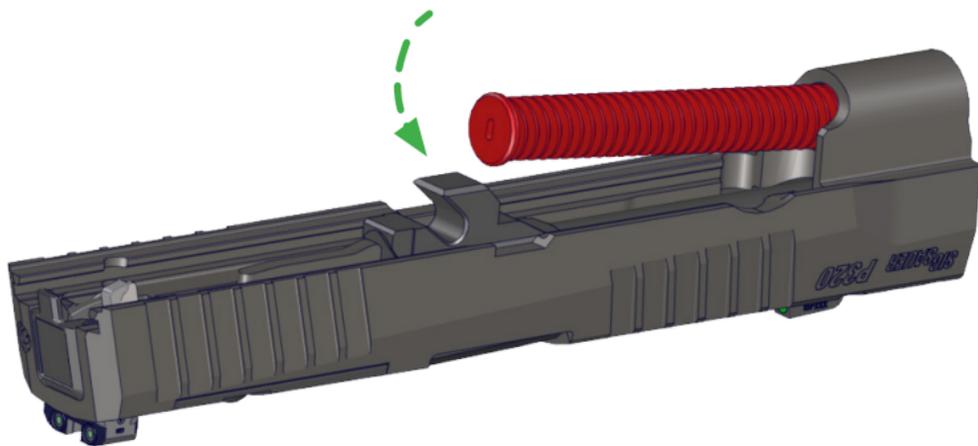
**WARNING PARTS UNDER SPRING TENSION**



**THE RECOIL SPRING AND GUIDE ARE UNDER SPRING TENSION. USE CAUTION TO PREVENT INJURY OR DAMAGE TO THE PISTOL. WEAR EYE PROTECTION.**



3. Insert recoil spring guide assembly into slide.



4. Extend brace by pushing down on the slide release arm on right side of chassis.

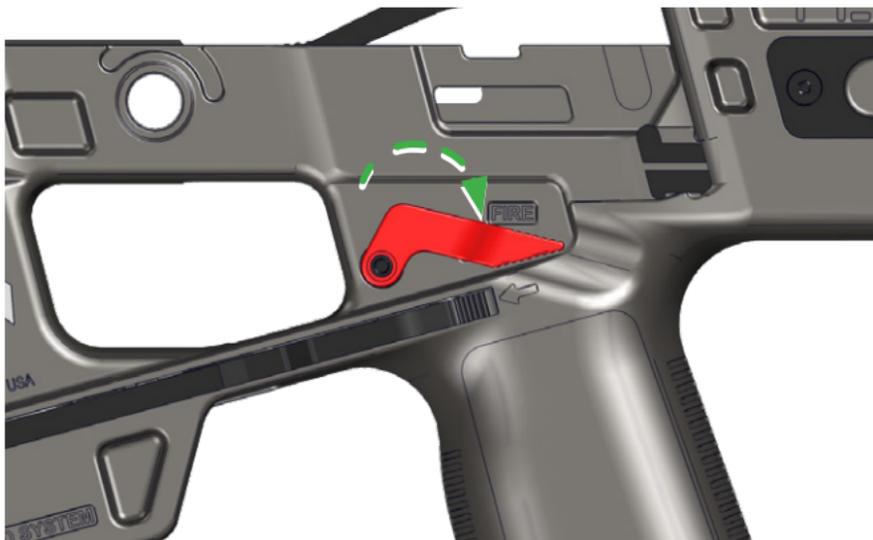




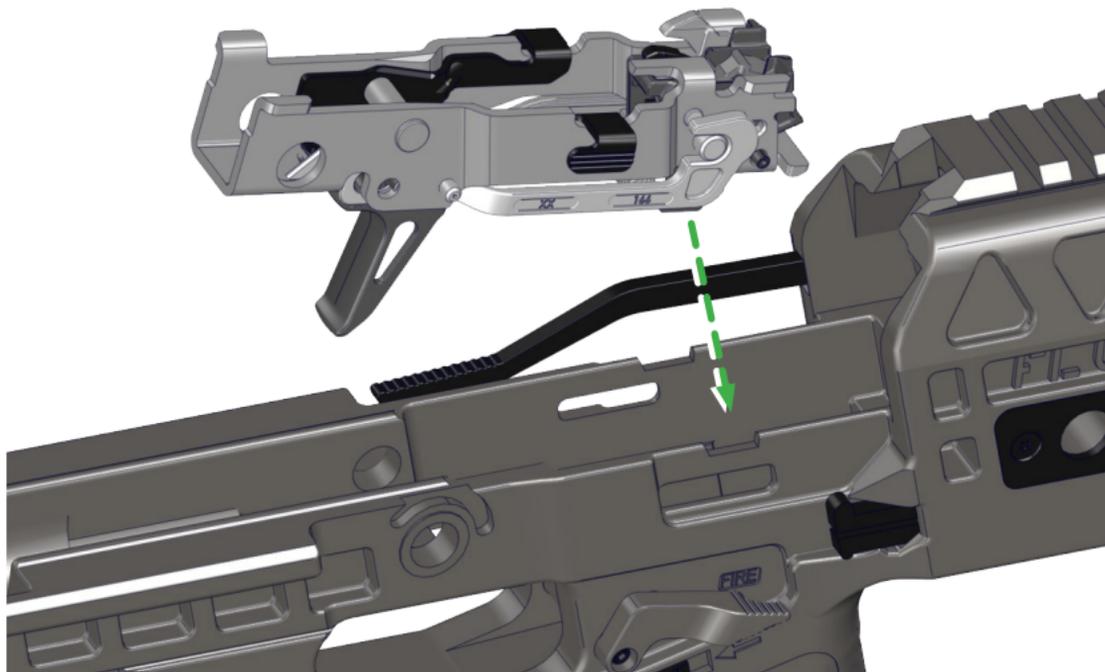
## CAUTION

IT IS VERY IMPORTANT TO PLACE THE SAFETY ON FIRE WHENEVER INSTALLING OR REMOVING THE FCU. FAILURE TO DO SO CAN CAUSE DAMAGE TO THE FCU AND/OR CHASSIS.

5. Rotate safety lever on chassis from SAFE to FIRE as FCU will not install correctly if left on SAFE.



6. Insert FCU into the rear of chassis. You may need to maneuver the slide catch lever on the FCU past the brace release arm on the chassis.

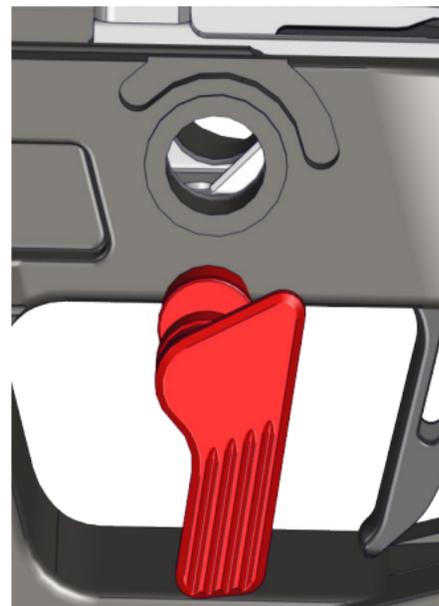
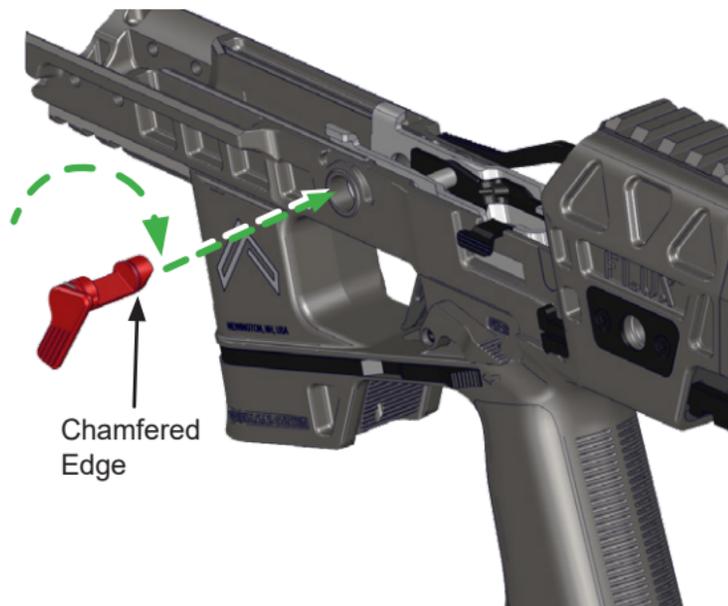




7. Press down on frame rails and pivot FCU into position.



8. Insert takedown lever (chamfered side as shown) through the chassis and Fire Control Unit, locking FCU in place. Push it in until it snaps in place, then rotate it clockwise until it stops.





9. Guide slide onto frame rails from the front.



10. Retract slide fully to the rear. Engage slide catch lever to lock slide in the open position.





11. Rotate takedown lever counterclockwise until horizontal.



12. Press slide catch lever to release slide.
13. Rotate safety lever back to SAFE.





## 7.5 MAGAZINE ASSEMBLY

1. Orient magazine follower on magazine spring and insert into the bottom of magazine tube.

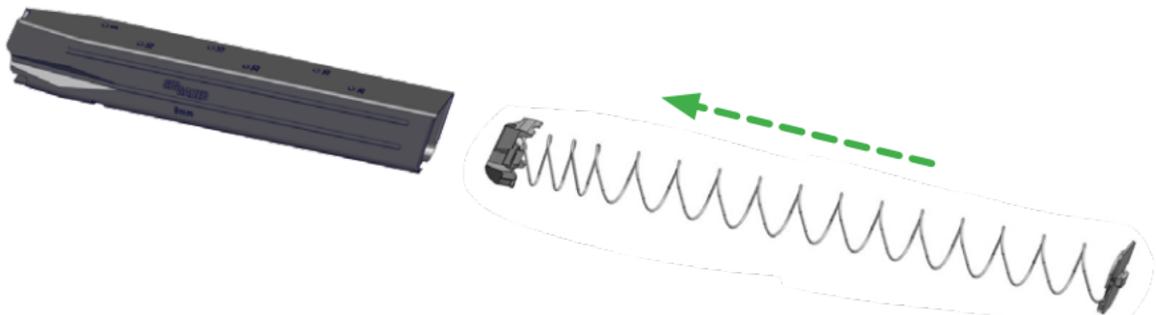


**WARNING PARTS UNDER SPRING TENSION**

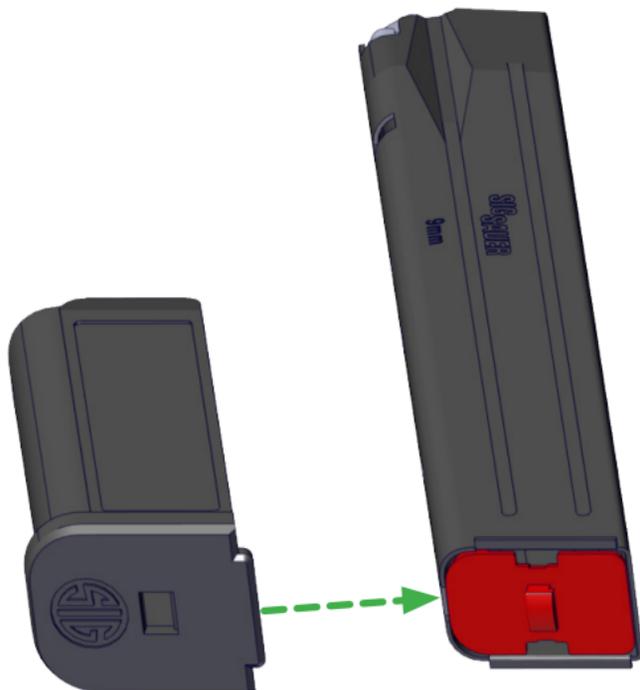


**THE MAGAZINE SPRING IS BEING COMPRESSED DURING ASSEMBLY. GUARD THE MAGAZINE INSERT AND MAGAZINE SPRING WITH YOUR THUMB TO CONTROL MAGAZINE SPRING TENSION. UNCONTROLLED RELEASE CAN CAUSE INJURY. WEAR EYE PROTECTION.**

2. Insert magazine spring fully into magazine tube until magazine insert is flush with magazine tube bottom.



3. Holding magazine insert in place, slide magazine floorplate onto magazine tube lips until magazine floorplate is locked in place by magazine insert.





## 8.0 FUNCTION CHECK

The function check is performed on the assembled pistol to verify functionality. It should be performed after the completion of maintenance and after each cleaning and assembly of the pistol.



### **WARNING UNLOAD/CLEAR**



**VERIFY THAT THE MAGAZINE IS REMOVED. VISUALLY AND PHYSICALLY CONFIRM THAT THE PISTOL IS UNLOADED AND CLEARED BEFORE CONDUCTING THE FUNCTION CHECK. KEEP THE PISTOL POINTED IN A SAFE DIRECTION DURING THE ENTIRE FUNCTION CHECK. FAILURE TO COMPLY COULD RESULT IN UNINTENTIONAL DISCHARGE CAUSING DEATH, SERIOUS INJURY, OR PROPERTY DAMAGE.**

**AFTERMARKET TRIGGERS SHOULD NOT BE USED WITH A P320 EQUIPPED WITH A FLUX RAIDER X GRIP MODULE, AS THEY MAY INTERFERE WITH PROPER OPERATION OF THE MECHANICAL SAFETY. INSTALLATION OF ANY AFTERMARKET PARTS WILL VOID THE WARRANTY OF YOUR SIG SAUER FIREARM.**

1. Ensure magazine is removed and pistol is unloaded and cleared.
2. Insert an empty magazine into rear magazine well until it locks into place. You should hear an audible click.
3. Push magazine release slider on left side of chassis forward to release magazine. It should fall free.
4. Reinsert empty magazine into rear magazine well until it clicks in place. Press magazine release button on right side of chassis to release magazine. It should fall free of magazine well.

5. Insert empty magazine into front storage magazine well.
6. Press front magazine release button halfway to release front magazine.
7. Insert two empty magazines into both forward storage and rear magazine wells.
8. Press front magazine release fully to drop both magazines at the same time.
9. Insert empty magazine into rear magazine well and pull back on slide to lock it to the rear.
10. Press down firmly on slide release lever. Slide should return to closed position. You may need to drop the empty magazine to facilitate as it can be very difficult to release slide on an empty magazine. Loaded magazines will not have this difficulty.
11. Push up on the manual safety lever to engage the safety.
12. Press the trigger. The striker should NOT be released. Release the trigger.
13. Press down on the manual safety lever to disengage the safety.
14. Press the trigger to the rear and HOLD. The striker should release and you should hear and feel an audible click.
15. With the trigger still pressed to the rear, pull the slide completely to the rear and release.
16. Release the trigger. You should hear and feel a light, audible click as the striker resets.
17. Press the trigger. The striker should release and you should hear and feel an audible click.
18. Pull back on slide and release, then push up on the manual safety lever to engage the safety.



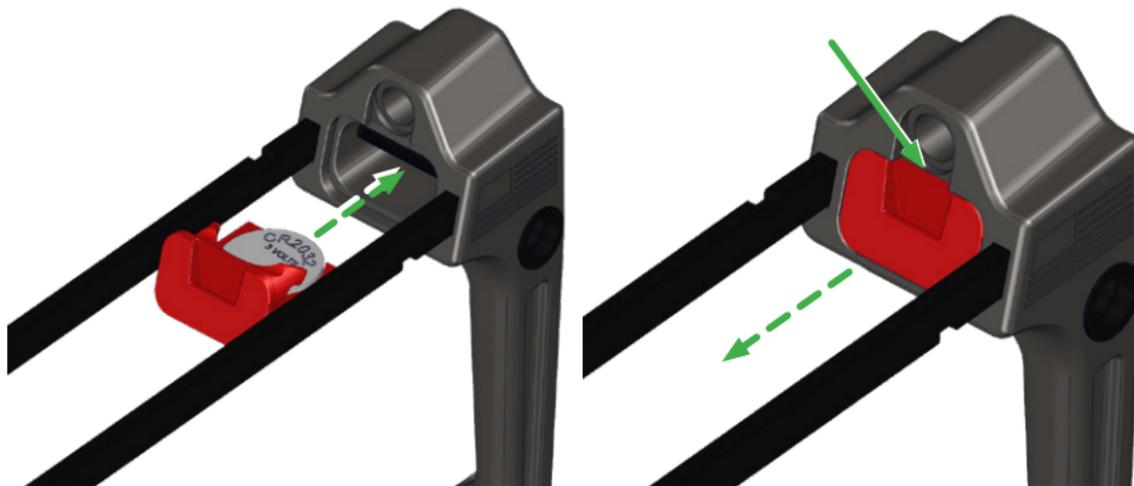
## 9.0 HEX KEY REMOVAL

There is a convenient 5/64" hex key stored in the Raider X chassis for maintenance purposes. To access it, extend the brace and you will see it at the back end of the chassis. To pull it out, use your finger (or a 9mm casing if it's too tight). Slide it back in when finished.



## 10.0 BATTERY TRAY INSTALL & REMOVAL

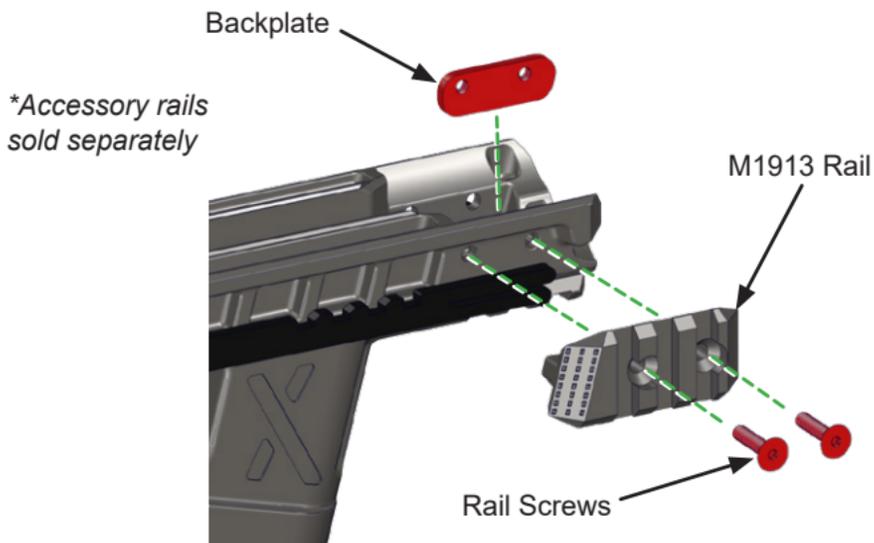
Another feature of the Raider X is the spare battery tray located in the brace. It holds up to a CR2032 battery. Install it into the brace until it snaps in. In order to remove it, take a flat head screwdriver or a knife to gently pry the edge out from the brace.





## 11.0 INSTALL OPTIONAL SIDE MOUNTED M1913 RAILS

1. Place a drop of threadlocker on each of the rail screws.
2. Align the holes on the backplate, the chassis, and the M1913 rail.
3. Tighten screws. Do not overtighten. Repeat for both sides if desired.



**NOTE**

Side rails are side specific and are marked to differentiate which side they belong on.





## 12.0 INSTALL OPTIONAL SBR STOCK

The Raider X makes it easy to swap from the pistol brace to the short barreled rifle (SBR) stock for registered NFA firearms. Installing the stock only involves a few components to do so.



### WARNING

**BEFORE INSTALLING THE SHORT BARRELED RIFLE STOCK, ENSURE YOU FOLLOW ALL LOCAL, STATE, AND FEDERAL LAWS AND GUIDELINES. MODIFYING A PISTOL TO A SHORT BARRELED RIFLE BY ADDING THIS STOCK MAKES IT A CONTROLLED NATIONAL FIREARMS ACT (NFA) FIREARM REGULATED BY THE BUREAU OF ALCOHOL, TOBACCO, FIREARMS AND EXPLOSIVES (BATFE). THE FIREARM REQUIRES REGISTRATION AND A TAX STAMP PAYED BEFORE THE STOCK CAN BE INSTALLED. FAILURE TO COMPLY CAN RESULT IN SEVERE PENALTIES RANGING FROM FINES TO IMPRISONMENT.**



1. Press the brace release to extend out the pistol brace.

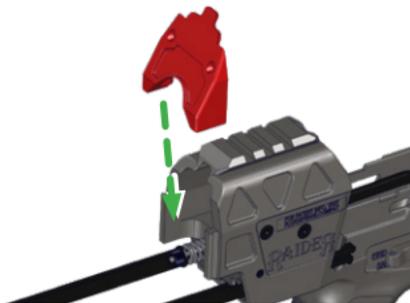




2. Push up on the brace end cap of the chassis to remove it.



3. Take the SBR end cap and slide it down onto the back of the chassis until it clicks into place.



4. Using the 5/64 in. hex key remove the 2 brace screws and then pull off the brace.





5. Firmly press on the SBR stock onto the rails aligning the screw holes. Install the two stock screws using the hex wrench. Do not overtighten.



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## 13.0 STORAGE AND TRANSPORTATION

### 13.1 STORAGE



#### **WARNING UNLOAD/CLEAR**



**YOU MUST UNLOAD AND CLEAR THE FIREARM PRIOR TO STORING THE PISTOL (SEE SECTION “5.0 UNLOADING THE PISTOL” ON PAGE 54).**

Never place or store any firearm in such a manner that it may be dislodged. For increased safety, firearms should be stored unloaded and locked in a location that is both separate from their ammunition and inaccessible to children and any other unauthorized person. Use the locking device originally supplied with this firearm for storage. The use of a locking device or safety lock is only one aspect of responsible firearms storage.

**SHORT-TERM STORAGE (90 DAYS OR LESS)**

1. Ensure that chamber and magazine do not contain live ammunition.
2. Clean bore and chamber.
3. Apply a light coat of CLP to 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 that pistol is thoroughly cleaned.
2. Apply a heavy coat of CLP to chamber and bore.
3. Apply a heavy coat of CLP to all other metal surfaces for corrosion protection.
4. Wrap firearm with a waterproof material (MIL-B-121 or similar).
5. Place firearm in a corrosion resistant barrier bag (MIL-DTL-117 or similar).

**ENVIRONMENTAL STORAGE**

Provide humidity control to limit the relative humidity to no greater than 40% relative humidity (RH) 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.



## 13.2 TRANSPORTATION



### **WARNING UNLOAD/CLEAR**



**YOU MUST UNLOAD AND CLEAR THE FIREARM PRIOR TO TRANSPORTING THE PISTOL  
SEE SECTION 5.0.**

IT IS YOUR RESPONSIBILITY TO FAMILIARIZE YOURSELF WITH THE LAWS OF ANY STATE YOU ARE PLANNING TO TRAVEL THROUGH WITH YOUR FIREARM.

When transporting your firearm to and from shooting activities, keep it unloaded for your safety and for the safety of others. When storing your firearm for transportation, keep it separated from ammunition, under lock and key if possible, 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, you do not want the firearm to become dislodged and move about the interior of the vehicle or be ejected from the vehicle.

## 14.0 REPLACEMENT PARTS POLICY



### WARNING

**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 your firearm, the skill and workmanship of any particular third-party gunsmith is totally beyond our control.

Should your firearm ever require service, we strongly recommend that you return it 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 AFTERMARKET PARTS IS NOT AUTHORIZED AND 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 which will take you to the Small Parts Shopper page at [sigsauer.com](https://sigsauer.com).



## 15.0 FACTORY REPAIR OF YOUR FIREARM

If you have questions or concerns regarding the performance or serviceability of your firearm, there are three ways to contact Customer Service:

Before contacting Customer Service, have your firearm's serial number readily available.

1. Call us at (603) 610-3000, choose option 1.
2. Email Customer Service at [CustomerService@sigsauer.com](mailto:CustomerService@sigsauer.com).
3. Go to <https://www.sigsauer.com/customer-support> where you can message customer service electronically. Scan the QR code below which will take you to the Customer Support page at [sigsauer.com](https://www.sigsauer.com).





## 15.1 RETURNING FIREARMS FOR REPAIR

Please do not ship your firearm until you obtain an RMA number from Customer Service.



**WARNING DO NOT SHIP AMMUNITION**



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

1. The RMA number allows SIG SAUER to track the status of your return from its receipt at SIG SAUER through its return to you.
2. Ensure that the chamber and magazine(s) are unloaded and that no ammunition is included with your returned firearm.
3. Package the firearm securely to prevent damage. With the exception of extra magazines, do not include any other accessories such as scopes or mounts unless directed to do so.
4. Generally, an individual may ship firearms to the manufacturer for repair or service. Some states and localities, however, prohibit this. If you live in such an area, the firearms must be shipped by and returned to 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. (Note: 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, which you must strictly follow; prior to exporting any firearm you should seek legal counsel.)

6. SIG SAUER is not responsible for any firearm until it is received, nor for damage incurred during shipment.
7. Ship your firearms insured and prepaid (we do not accept collect shipments) to the address provided by Customer Service.



## **SIG SAUER® INFINITE GUARANTEE™**

For warranty information on your new SIG SAUER firearm, scan the QR code below. This will take you to the SIG SAUER Warranty Information and Registration page on our website. There you will also be able to register your new firearm and find information about our warranty.



**NOTES:**



**NOTES:**

**FLUX™**

[fluxdefense.com](http://fluxdefense.com)

**FLUX Defense LLC.**  
2618 S 900 W, South Salt Lake, UT 84119

**SIG SAUER®**

**sigsauer.com**

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

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