

**SIGSAUER®**



**P320-M17**  
**P320-M18**

**PISTOL, SEMI-AUTOMATIC, 9MM**  
**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 instruction manual should always accompany this firearm and be transferred with it upon ownership, or when the firearm is loaned or presented to another person.**



## WARNING

### 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 inherent dangers of firearm use and taking the precautions outlined in this manual, a high level of safety is achieved when handling the firearm. Failure to comply with any of these warnings may result in serious injury or death to the operator or others, as well as severe damage to the firearm or other property.

Warnings are identified by a red banner with the word **WARNING** in white, bold, uppercase letters with a **WARNING** icon.



## 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



## WARNING



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 the manual may result in serious injury or death to the operator and/or others. Damage to the firearm and other property may also occur.**



## WARNING

### 2.0 HANDLING

#### 2.0.1 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 on this firearm are designed to prevent it from firing without the trigger being fully pulled. When the trigger is pulled or depressed, 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.



## WARNING



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.



## WARNING

A manual safety is designed to augment, not replace, safe firearm handling practices. You are responsible to protect against inadvertent trigger movement while carrying any firearm. Even if your firearm is equipped with a manual safety, you must ensure that the trigger is not contacted in any circumstance--whether by finger or an object--other than when you intend to discharge the firearm.

### 2.0.2 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 carry a pistol in a holster specifically designed for that pistol. It is the responsibility of the customer to ensure the holster is compatible with their specific pistol and any installed accessories.
- 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.



## WARNING

**SIGSAUER**

- 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.



## WARNING

### 2.1 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. Pulling the slide entirely 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 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.



## WARNING



### 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 or accessories not manufactured by SIG SAUER for this firearm. 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.



## WARNING

### 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.

#### 3.1.1 HOLSTERS

A properly designed holster protects the trigger from being contacted inadvertently when the firearm is holstered.

- Make sure the holster is designed specifically to accept the specific accessories installed on the firearm. Firearms equipped with a tactical light may have large openings to accommodate the bezel of the light, rendering the trigger area of the holstered firearm accessible to foreign objects or fingers if a light is not installed or if the holster is not sized specifically for use with the light that is installed on the firearm.
- Ensure the holster will protect the pistol while seated in a vehicle from surrounding features or devices in the vehicle that could interfere with the safe carry of the pistol. For example, entering and exiting the vehicle without the seat belts becoming snagged on the firearm or the holster.

Read and follow all warnings and instructions that are provided by the holster manufacturer before using. Failure to follow the instructions may result in serious injury or death to the operator and/or others.



## WARNING



### 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 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.



## WARNING

### 3.5 LIABILITY

PISTOLS and RIFLES are classified as FIREARMS and are sold by SIG SAUER with the specific understanding that SIG SAUER 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

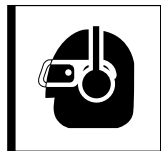
This limitation applies regardless of whether liability is asserted on the basis of contract, negligence, or strict liability (including any failure to warn). Under no circumstance shall SIG SAUER, Inc., be liable for incidental or consequential damages such as loss of use of property, commercial loss,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



## WARNING

**SIG SAUER**

### 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.



## WARNING

# M18

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, Inc., specifically disclaims responsibility for any damage or injury whatsoever occurring in connection with, or as a result of, the use of 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](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 OPERATORS TO LEAD.



### 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.





# WARNING

# P320-M18

## 7.0 SAFETY INFORMATION

Do not practice loading or firing any firearm with live ammunition until the Operator's Manual has been read and understood.

Seek supervised instruction for any additional information.

The SIG SAUER Academy provides all levels of firearms safety and skill training.

For more information contact:



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

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## 8.0 OPERATIONAL CHARACTERISTICS AND THEORY

### 8.1 DESCRIPTION – P320-M17 AND M18

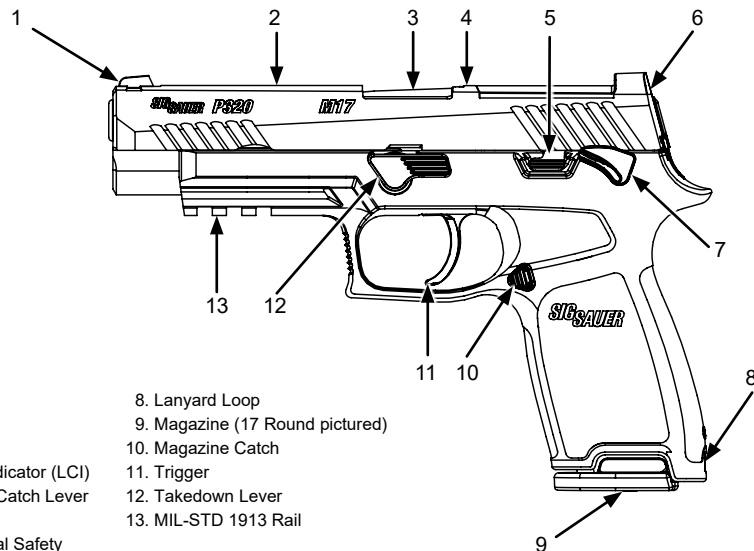
The SIG SAUER P320 M17 and M18 pistols are modern handguns incorporating the latest technical advances in firearm design for military and law enforcement. The firearm is a striker fired, mechanically locked, short recoil operated pistol with semi-automatic reloading. Firing takes place with each press of the trigger until the magazine is empty. The slide remains open after the last cartridge has been fired.

The pistol also features an interchangeable grip module, a reversible magazine catch/release, and ambidextrous controls. An accessory rail is integrated into the grip module, facilitating the easy attachment of industry standard tactical 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 [sigbauer.com](https://sigbauer.com).



## 8.2 MAIN COMPONENTS AND OPERATOR CONTROLS



- |                                   |                                 |
|-----------------------------------|---------------------------------|
| 1. Front sight                    | 8. Lanyard Loop                 |
| 2. Slide                          | 9. Magazine (17 Round pictured) |
| 3. Barrel                         | 10. Magazine Catch              |
| 4. Loaded Chamber Indicator (LCI) | 11. Trigger                     |
| 5. Ambidextrous Slide Catch Lever | 12. Takedown Lever              |
| 6. Rear Sight Plate               | 13. MIL-STD 1913 Rail           |
| 7. Ambidextrous Manual Safety     |                                 |

## 8.3 PRINCIPAL SAFETY FEATURES

This pistol contains the following safety features:

- The striker safety lock and disconnect safety prevent the firearm from firing unless the trigger is pulled, ensuring safe carrying of the firearm and providing instant readiness without actuating a manual safety.
- The SIG P320-M17 and M18 pistols come equipped with an ambidextrous manual safety, which prevents the trigger from being pulled when engaged.

## 9.0 HANDLING

### 9.1 PREPARATION INSTRUCTIONS



#### WARNING MAINTENANCE

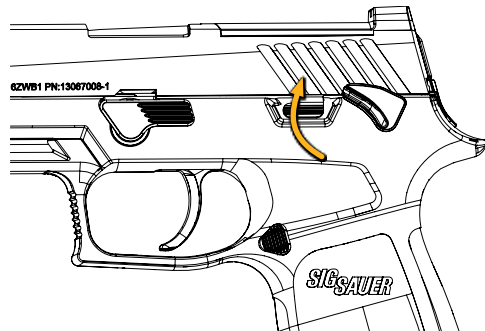
**PRIOR TO PERFORMING ANY MAINTENANCE ON THE FIREARM, READ AND UNDERSTAND THE OPERATOR'S MANUAL. ENSURE THAT THE FIREARM IS UNLOADED, CLEARED, AND THE MAGAZINE IS REMOVED. SAFETY GLASSES SHOULD BE WORN WHENEVER DISASSEMBLING, CLEANING, INSPECTING, OR ASSEMBLING A FIREARM. FAILURE TO COMPLY MAY RESULT IN SERIOUS INJURY OR DEATH TO THE OPERATOR OR BYSTANDERS.**

Perform an initial cleaning and lubrication of the pistol after unpacking it. Any fouling present will have been from final range firing at the factory prior to shipping. See **12.3 Cleaning and Lubricating on page 48** for instructions on cleaning the pistol.

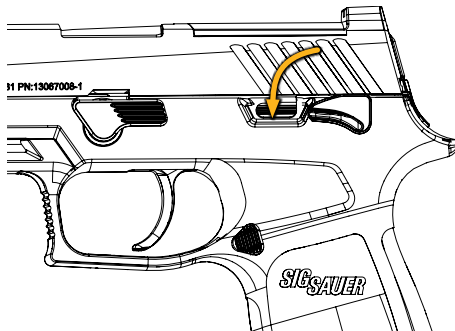
## 9.2 MANUAL SAFETY

The SIG P320-M17 and M18 pistols come equipped with an ambidextrous manual safety. The manual safety mechanically blocks the movement of the trigger bar, preventing release of the striker.

To engage the manual safety, rotate the manual safety lever upward. 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.



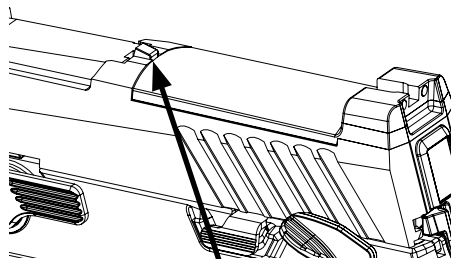
ENGAGE MANUAL SAFETY



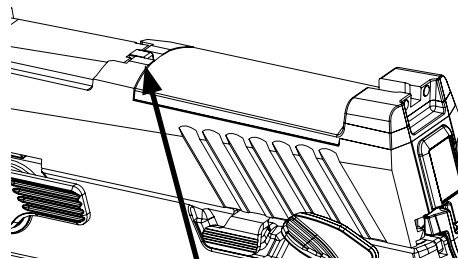
DISENGAGE MANUAL SAFETY

## 9.3 LOADED CHAMBER INDICATOR (LCI)

The loaded chamber indicator provides a visual and tactile indication that there is a live round in the chamber. In limited visibility situations, the non-firing hand can be used to determine if the loaded chamber indicator is in the elevated position indicating a live round in the chamber.



ROUND IN CHAMBER



EMPTY CHAMBER

## 9.4 LOADING THE MAGAZINE

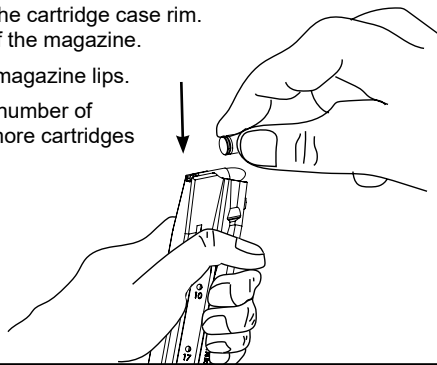
### CAUTION

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

### NOTE

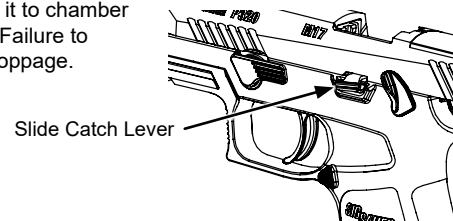
Ensure that the magazine is the proper type and caliber for the pistol.

1. Press down on the magazine follower using the cartridge case rim. Ensure that the projectile is facing the front of the magazine.
2. Push the cartridge to the rear and under the magazine lips.
3. Repeat until the magazine holds the desired number of cartridges or is full. Do not attempt to insert more cartridges than the magazine's designed capacity.



## 9.5 LOADING THE PISTOL

1. Point pistol in a safe direction and engage manual safety.
2. Fully retract slide and lock slide to the rear by pushing up on slide catch lever.
3. Visually and physically inspect chamber to ensure it is clear.
4. Inspect breech face and magazine well for any foreign debris.
5. Insert a loaded magazine pushing it up into grip module until it locks in place. You should hear an audible click.
6. Release the slide by either:
  - a. Pressing down on the slide catch lever releasing the slide forward, chambering a cartridge.
  - b. Slightly pull back on the slide and release it to chamber a cartridge. Do not ride the slide forward. Failure to properly complete step b may induce a stoppage.



**WARNING LOADED FIREARM**



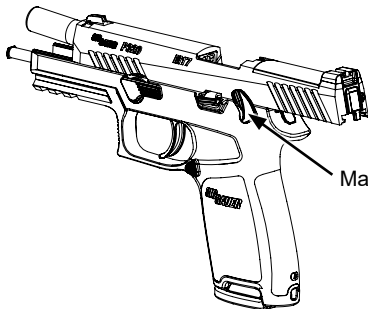
**THE PISTOL IS NOW LOADED AND READY TO FIRE**

## 9.5.1 RELOADING DURING SHOOTING – DEPLETED MAGAZINE

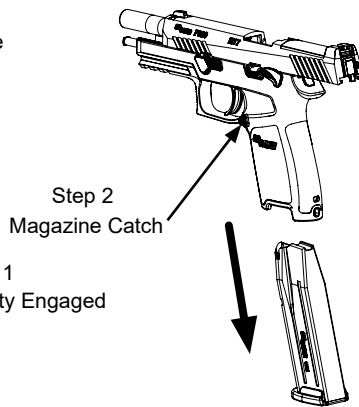
### NOTE

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

1. Engage the manual safety if so equipped.
2. Press the magazine catch/release to remove the empty magazine.

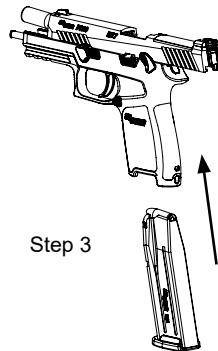


Step 1  
Manual Safety Engaged

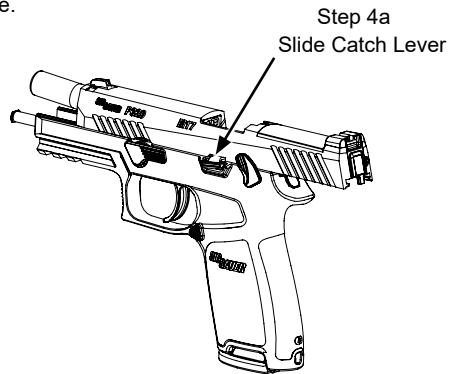


Step 2  
Magazine Catch

3. Insert a loaded magazine, making sure it is locked into the grip module.
4. Release the slide by either:
  - a. Pressing down on the slide catch/release lever.
  - b. Pulling back and releasing the slide.



Step 3



Step 4a  
Slide Catch Lever



**WARNING LOADED FIREARM**



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

## 9.5.2 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 the manual safety.
3. Press the magazine catch/release to remove the loaded magazine.



### WARNING LOADED FIREARM



**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. There should be an audible click.

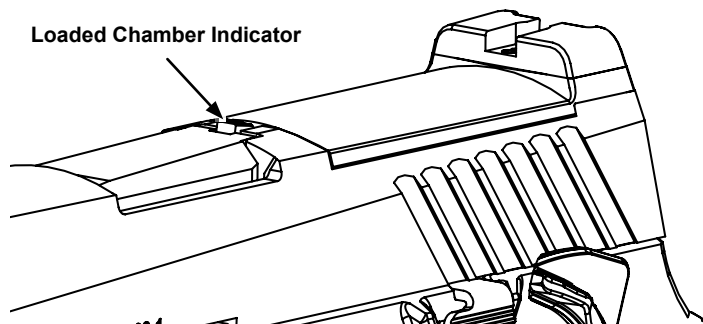
## 9.6 FUNCTION VERIFICATION – LOADED CHAMBER INDICATOR (LCI)



### WARNING LOADED FIREARM



THE P320-M17 AND M18 LOADED CHAMBER INDICATOR IS A SPRING LOADED DEVICE THAT IS LOCATED IN THE SLIDE ASSEMBLY. THE LCI EXTENDS FROM THE BREECH FACE AND WHEN A CARTRIDGE IS LOADED INTO THE CHAMBER THE LCI WILL PROTRUDE UPWARDS AT THE REAR OF THE EJECTION PORT THROUGH THE TOP OF THE SLIDE. THE LCI CAN BE SEEN VISUALLY BY THE SHOOTER IN NORMAL DAYLIGHT OR PHYSICALLY FELT IN LIMITED VISIBILITY CONDITIONS.

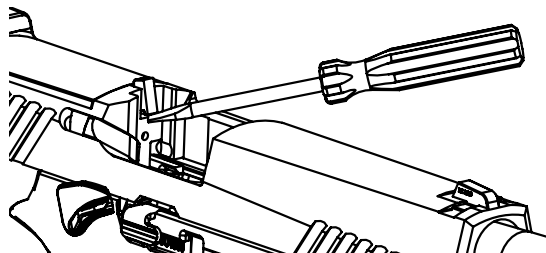




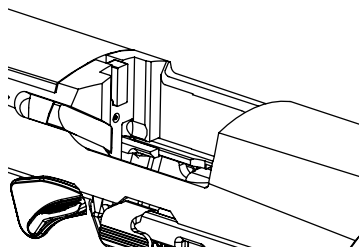
## NOTE

To check the function of the LCI, the slide must be locked to the rear.

1. Using a small tool, lift upward on the LCI at the breech face. The LCI should protrude from the top of the slide just in front of the rear sight plate.
2. Release upward pressure on the LCI. The spring should be strong enough to return it to its flush/lowered position.



LCI in UP Position



LCI in Down Position

## 9.7 FIRING



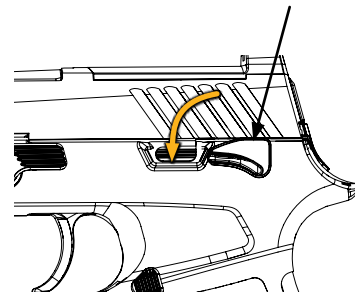
**WARNING LOADED FIREARM**



**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. Aim the pistol at the target
2. Disengage the manual safety.
3. Keep the pistol aimed at the target and press the trigger to the rear. Continue to fire as required or until the pistol is empty.
4. Remove the magazine, unload and clear the pistol as described in **9.8 Unloading and Clearing the Pistol on page 34**. If the pistol is fired until the magazine is empty, the slide will remain locked to the rear. If firing is to continue, reload the pistol as described in **9.5.2 Reloading During Shooting – Partial magazine on page 30**.

**MANUAL SAFETY**



## 9.8 UNLOADING AND CLEARING THE PISTOL



### **WARNING UNLOAD/CLEAR**



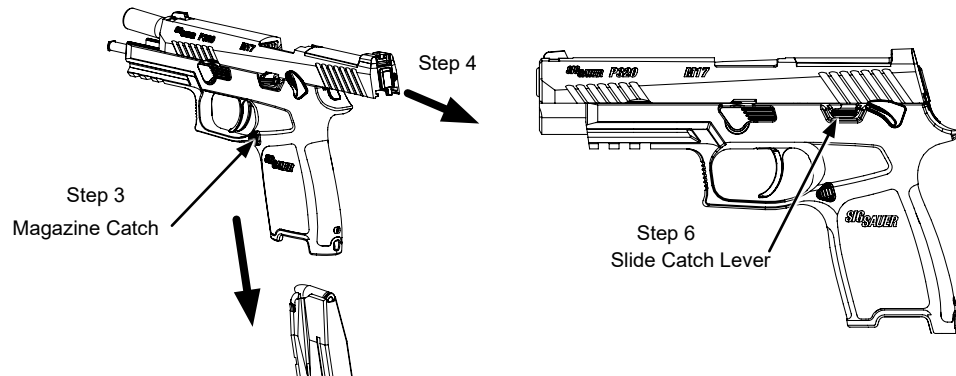
**FAILURE TO ENSURE THE FIREARM IS UNLOADED AND CLEARED COULD RESULT IN UNINTENTIONAL DISCHARGE, CAUSING SERIOUS INJURY, DEATH, OR PROPERTY DAMAGE. REMOVING THE MAGAZINE FROM THE FIREARM DOES NOT PREVENT A CHAMBERED ROUND FROM BEING FIRED.**

When the chamber has a live cartridge in it, it will discharge if the safety is disengaged and the trigger is pulled. Always completely unload and clear the pistol when it is not in use.

1. Engage the manual safety.
2. Point the muzzle in a safe direction.
3. Release the magazine.
4. Lock the slide rearward to open the chamber.
5. Visually verify that chamber and barrel are clear of any cartridges.
6. Check the firearm twice, both visually and physically.

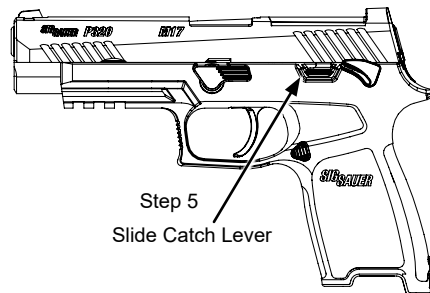
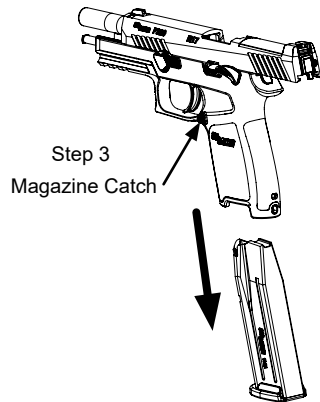
## 9.9 UNLOADING THE PISTOL (MAGAZINE NOT EMPTY, SLIDE FORWARD)

1. Keep the muzzle pointed in a safe direction.
2. Engage manual safety.
3. Press magazine catch and remove partially loaded magazine from pistol.
4. Pull slide to rear, watch for ejection of live cartridge, lock slide to rear with slide catch lever.
5. Visually and physically check the chamber to ensure the pistol is completely free of ammunition.
6. Press the slide catch lever, causing the slide to close. LCI will be in the down position.



## 9.10 UNLOADING THE PISTOL (MAGAZINE EMPTY, SLIDE LOCKED TO REAR)

1. Keep the muzzle pointed in a safe direction.
2. Engage manual safety.
3. Press magazine catch to release empty magazine.
4. Visually and physically check the chamber to ensure the pistol is completely free of ammunition.
5. Press slide catch lever, causing the slide to close. LCI will be in the down position.



## 10.0 PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS)

There are three (3) intervals of PMCS as indicated in the PMCS table.

- Before You Operate. Perform your before (B) PMCS)
- During Operation. Perform your during (D) PMCS.
- After Operation. Perform your after (A) PMCS.

If the pistol fails to operate, refer to Troubleshooting Section of this manual.

### 10.1 PMCS PROCEDURES

The PMCS table lists those required checks and services to be performed by personnel who are issued and operate the SIG P320-M17 and M18 pistol.

The table is organized as follows:

Column 1: Item number.

Column 2: Before Operation Service (B). This service ensures the pistol is ready for operation.

Column 3: During Operation Service (D). Periodic checks to ensure the pistol is functioning properly.

Column 4: After Operation Service (A). This service should correct, where possible, all operational issues encountered during use so the pistol remains functional and in service.

Column 5: This column lists the item to be inspected and designates Not Ready/Available status which renders the pistol not ready for service.



**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.**

ITEM	INTERVAL			ITEM TO BE INSPECTED/EQUIPMENT NOT READY/ AVAILABLE IF:
	B	D	A	
1	•			<b>EQUIPMENT.</b> Check any additional accessories for completeness and serviceability.
2	•			<b>P320-M17 and M18.</b> Visually inspect the entire pistol for damage or missing components.
3	•			<b>MAGAZINE CATCH.</b>  a. Insert an empty magazine into the magazine well until fully seated. Hold pistol in upright position. Magazine should remain locked into the magazine well.  Equipment is NOT READY/AVAILABLE IF: Magazine falls free.  b. Depress the magazine release button. Magazine should fall free under its own weight.  Equipment is NOT READY/AVAILABLE IF: Magazine does not fall free.

ITEM	INTERVAL			ITEM TO BE INSPECTED/EQUIPMENT NOT READY/ AVAILABLE IF:
	B	D	A	
4	•			<b>AMBIDEXTROUS SLIDE CATCH LEVER.</b>  a. Install an empty magazine into the magazine well.  b. Fully retract the slide rearward.  c. Magazine follower should push the slide catch lever upward locking the slide to the rear.  Equipment is NOT READY/AVAILABLE IF: Slide does not lock to the rear and returns to forward position.
5	•			<b>MAGAZINE ASSEMBLY.</b>  a. Visually inspect the magazine for missing or damaged parts.  Equipment is NOT READY/AVAILABLE IF: Parts are missing or damaged.  b. Check follower for free movement within the magazine tube by depressing the follower with your finger.  Equipment is NOT READY/AVAILABLE IF: Follower binds in magazine tube and does not return to the top of the magazine.

ITEM	INTERVAL			ITEM TO BE INSPECTED/EQUIPMENT NOT READY/ AVAILABLE IF:
	B	D	A	
6	•	•		<b>PERIODIC INSPECTION OF PISTOL AND MAGAZINE.</b> a. Periodically inspect the pistol and magazine to ensure they are clean. b. Clean and lubricate the pistol and magazine daily when in use.
7			•	<b>P320-M17 and M18 PISTOL.</b> a. Disassemble the pistol and clean and lubricate according to instructions in Section 12.3. b. Inspect all parts for serviceability. <b>Equipment NOT READY/AVAILABLE IF: Any parts require replacement.</b>

ITEM	INTERVAL			ITEM TO BE INSPECTED/EQUIPMENT NOT READY/ AVAILABLE IF:
	B	D	A	
8			•	<b>MAGAZINE ASSEMBLY.</b> a. Disassemble the magazine. b. Clean and lubricate the magazine and its components according to instructions in Section 12.3. c. Inspect all parts for serviceability. <b>Equipment NOT READY/AVAILABLE IF: Any parts require replacement.</b>
9	•		•	<b>PERFORM FUNCTION CHECK.</b> a. Perform a safety/function check according to Section 13. <b>Equipment NOT READY/AVAILABLE IF: Function check cannot be properly completed.</b>

## 11.0 OPERATION IN ADVERSE ENVIRONMENTAL CONDITIONS

Adverse environmental conditions are described as any climatic condition requiring special maintenance of the SIG M17 pistol. This maintenance can and may require the use of special lubricants and procedures.

Clean the pistol in accordance with cleaning instructions in **12.3 Cleaning and Lubricating on page 48** before and after operating in adverse environments. Regardless of environmental conditions DO NOT lubricate the striker assembly.

### 11.1 HOT, DRY CLIMATE (DESERT)

- Dust and sand will cause stoppages and excessive wear on component contact surfaces during firing. Keep pistol covered when possible.
- Apply light lubrication to internal moving contact surfaces with CLP/LSA only.
- Do not lubricate external surfaces as this will cause adhesion of sand and dust.
- Periodically unload and clean the magazine and ammunition. Do not lubricate the magazine or ammunition.

### 11.2 HEAVY RAIN CLIMATE/FORDING OPERATIONS (JUNGLE/TROPICAL)

- Always attempt to keep pistol dry.
- Always drain any water from barrel prior to firing.
- Increase the frequency of inspection and cleaning to prevent rust and corrosion.
- Generously apply CLP/LSA to all metal parts and external metal finish.
- Periodically remove the slide assembly and inspect internal parts for rust and corrosion.
- Increase frequency of magazine inspection, cleaning, and lubrication.

## 11.1 EXTREME COLD CLIMATE (ARCTIC)

- When operating in sub-freezing temperatures lubricate functional parts with LAW (MIL-L-14107). Do not use CLP as it can prevent pistol from firing.
- Clean pistol indoors at room temperature when possible.
- When bringing pistol indoors from an extremely cold climate, allow it to warm to room temperature before any cleaning and lubrication. Ensure all moisture is removed from pistol prior to cleaning.
- To prevent freezing, keep pistol covered when moving from a warm to cold environment to allow gradual cooling.
- Do not set a hot pistol down in snow or ice. Keep snow from entering bore of barrel. Clean any snow from bore with a patch and a cleaning rod.
- Keep ammunition dry. Moisture will cause stoppages. Do not lubricate ammunition.

## 11.2 SALT/CORROSIVE CLIMATE

If the pistol has been fully submerged in salt water, completely flush entire pistol with clean fresh water prior to clean and lube as described.

- Increase frequency of maintenance.
- Inspect hidden surfaces for corrosion. If found, clean and lubricate.
- To help prevent corrosion, remove hand prints with a cloth. Dry pistol and lubricate with CLP/LSA (Items 3 and 4 in App A.)
- Check ammunition and magazines frequently for corrosion. Clean magazine using CLP/LSA and wipedry. If necessary clean ammunition with a dry cloth.
- Generously lube internal and external surfaces of pistol with CLP/LSA. DO NOT lubricate the striker.

## 12.0 OPERATOR LEVEL AUTHORIZED MAINTENANCE



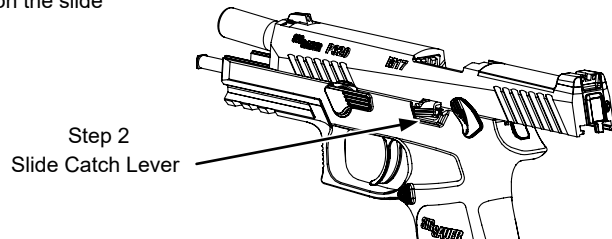
### WARNING UNLOAD/CLEAR



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.

### 12.1 PISTOL DISASSEMBLY

1. Unload and clear the pistol as described in **9.8 Unloading and Clearing the Pistol on page 34**.
2. Lock the slide to rear by pulling the slide rearward and pushing up on the slide catch/release lever.

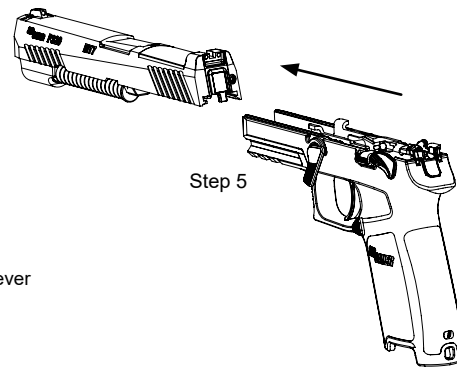
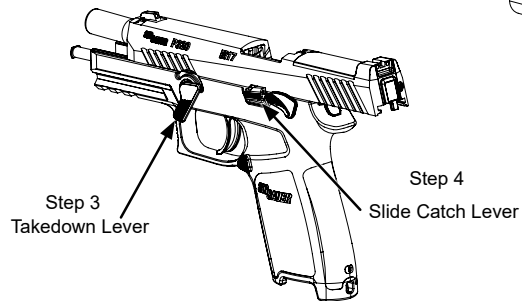


### WARNING PARTS UNDER SPRING TENSION

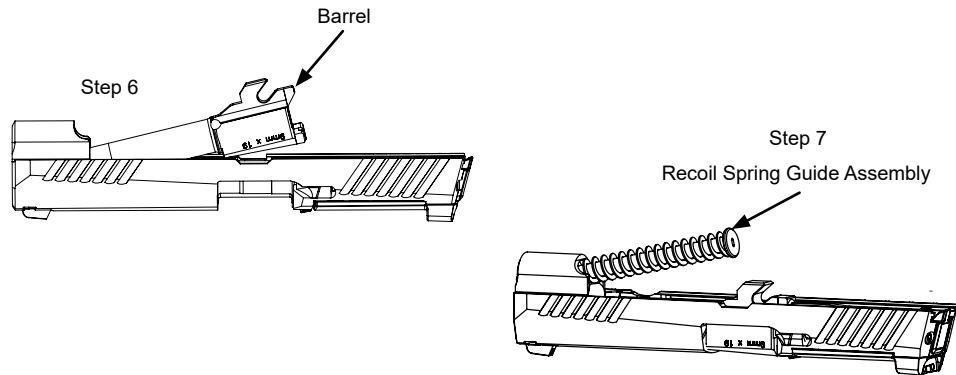


SLIDE IS UNDER SPRING TENSION. MAINTAIN POSITIVE CONTROL OF RECOIL SPRING GUIDE ASSEMBLY DURING SLIDE REMOVAL TO PREVENT DAMAGE OR INJURY. WEAR EYE PROTECTION.

3. Rotate the takedown lever clockwise until the takedown lever can no longer rotate.
4. Retract the slide slightly to disengage the slide catch lever.
5. Remove the slide from the receiver, maintaining control of the recoil spring guide assembly.



6. Push the recoil spring guide forward slightly and lift from rear to remove the recoil spring and guide assembly from the slide.
7. Remove the barrel from the slide by pulling upward slightly and to the rear.



## NOTE

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

## 12.2 MAGAZINE DISASSEMBLY

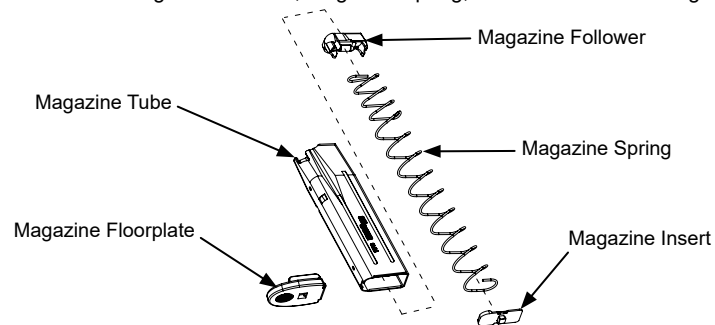


**WARNING PARTS UNDER SPRING TENSION**



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

1. Push the magazine insert slightly forward then down until the magazine floorplate can be pushed forward off the magazine tube.
2. Remove the magazine follower, magazine spring, and insert from the magazine tube.





## 12.3 CLEANING AND LUBRICATING



### **WARNING** CLEANING



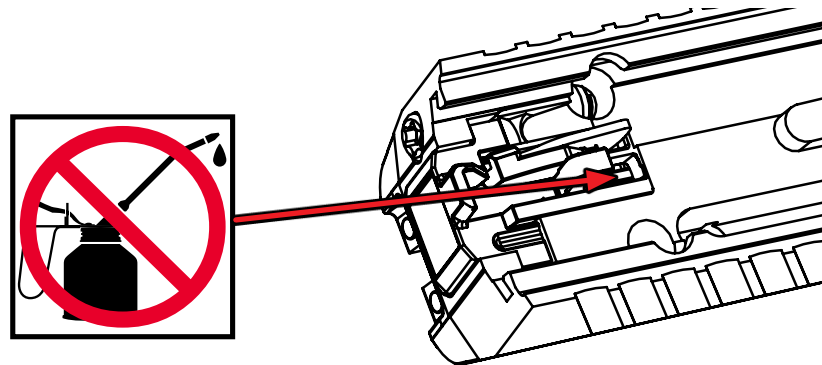
READ AND FOLLOW THE MANUFACTURER'S WARNINGS BEFORE USING SOLVENTS OR CLEANERS. USE IN A WELL-VENTILATED AREA. WEAR EYE PROTECTION.

### **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
- Rag, Wiping
- Bore brush of the proper caliber
- Cleaning rod
- CLP (Cleaning, Lubricant, Preservative) or LSA (Lubricant, Small Arms)
- LAW (Lubricant, Arctic Weather) when applicable
- Brush, Cleaning

The following instructions are for normal environmental conditions. Refer to **11.0 Operation In Adverse Environmental Conditions on page 42** for cleaning and lubricating in any of the listed climates. Clean and lube before or after every day the pistol is fired or at a minimum of every 500 rounds.

## 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/LSA to the frame rail slots of the slide.
4. Lightly oil all external parts.

## Barrel

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

## Recoil Spring And Guide Assembly

The SIG M17/M18 recoil spring 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/LSA.

## Frame/Grip Module Assembly

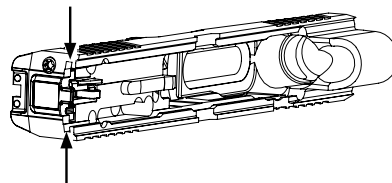
1. Wipe the frame and grip module assembly with a soft cloth.
2. Use cotton swabs to clean hard to reach areas. Pay special attention to the frame rails, takedown lever, and slide catch lever.
3. Lubricate the frame rails with a light coat of CLP/LSA.
4. Apply CLP/LSA to accessible functioning parts.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

## Magazine

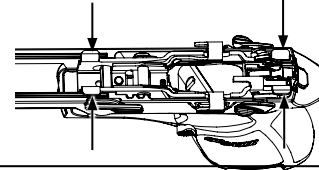
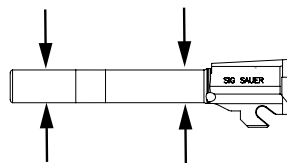
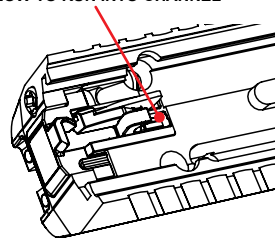
1. Wipe the magazine tube and follower with a cloth. Clean the magazine tube and follower with a soft brush and CLP.
2. Use a cloth to clean the magazine spring, floorplate, and base plate.
3. Apply a light coat of CLP/LSA to the spring and magazine tube.

## 12.4 LUBRICATION GUIDE

- a. CLP, LSA, and LAW are the only lubricants authorized for this pistol.
- b. CLP and LSA can be used interchangeably.
- c. Always remove excess lubricant from the bore prior to firing. Failure to do so could result in damage to the barrel. Use a patch and a cleaning rod to remove excess lubricant.
- d. Light coat is defined as a film of lubricant that is barely visible to the naked eye.
- e. Generously lubed is defined as heavy enough to spread with the finger.
- f. Apply lubricant where indicated by arrows.

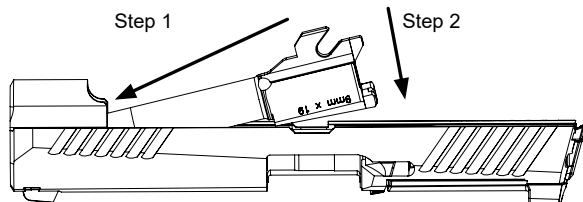


DO NOT APPLY LUBE TO STRIKER OR  
ALLOW TO RUN INTO CHANNEL



## 12.5 PISTOL ASSEMBLY

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

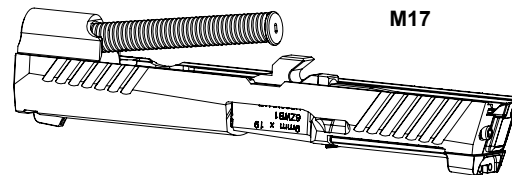


**WARNING PARTS UNDER SPRING TENSION**



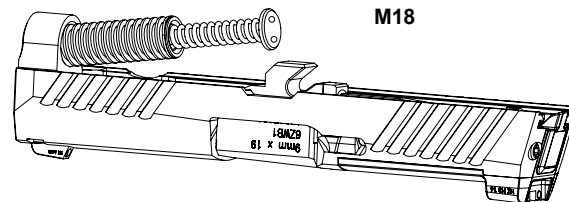
FIREARMS CONTAIN SEVERAL SPRING LOADED PARTS. WEAR EYE PROTECTION AND MAINTAIN CONTROL DURING MAINTENANCE. FAILURE TO COMPLY MAY RESULT IN INJURY.

3. Insert recoil spring guide assembly into the slide and up against the barrel lug.

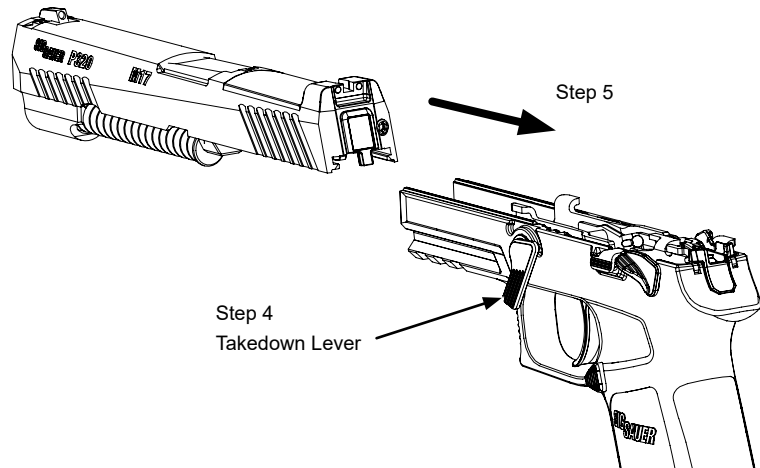


### NOTE

When installing the recoil spring guide assembly on the M18 pistol, the assembly must be rotated so the flats are vertical.



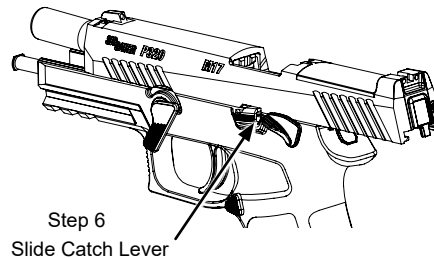
4. Ensure the takedown lever is rotated completely clockwise to the stop.
5. Guide the slide onto the receiver rails from the front.



## NOTE

Failure to fully engage the slide catch lever may result in a non-functioning trigger, the slide catch lever must be engaged in step 6.

6. Retract the slide completely to the rear. Engage the slide catch lever to lock the slide in the open position.
7. Rotate the takedown lever counterclockwise until locked in the horizontal position.
8. Depress the slide catch lever to release the slide fully forward.



## 12.6 MAGAZINE ASSEMBLY

1. Install the magazine follower onto the magazine spring.

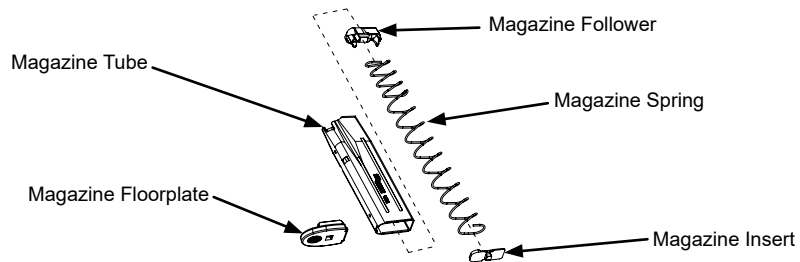


**WARNING PARTS UNDER SPRING TENSION**



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

2. Insert the follower and magazine spring fully into the magazine tube until the magazine insert is flush with the magazine tube bottom.
3. Holding the magazine insert in place, slide the magazine floorplate onto the magazine tube lips until the magazine floorplate is locked in place by the magazine insert.



## 12.7 MAGAZINE CATCH REVERSAL



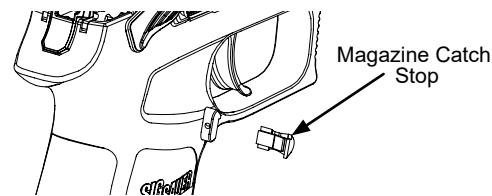
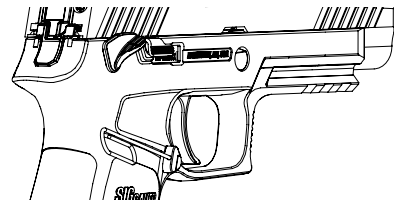
**WARNING UNLOAD/CLEAR**



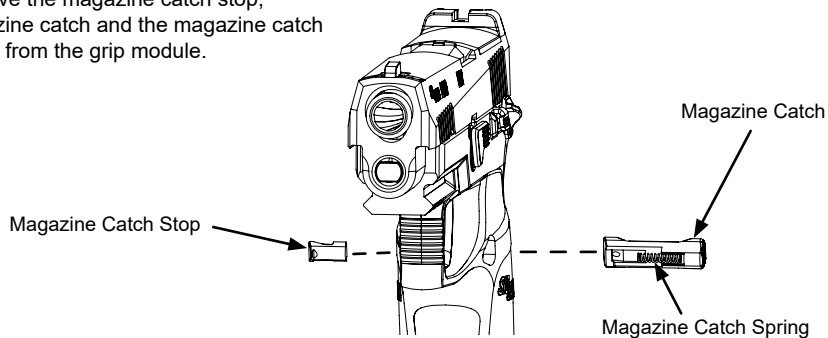
**FAILURE TO ENSURE THE FIREARM IS UNLOADED AND CLEARED COULD RESULT IN UNINTENTIONAL DISCHARGE, CAUSING SERIOUS INJURY, DEATH, OR PROPERTY DAMAGE. REMOVING THE MAGAZINE FROM THE FIREARM DOES NOT PREVENT A CHAMBERED ROUND FROM BEING FIRED.**

THIS PROCEDURE CAN BE PERFORMED WITH OR WITHOUT THE SLIDE REMOVED FROM THE PISTOL.

1. Press the magazine catch until the opposite side of the catch protrudes from the grip module.
2. Press the end of a small round pin such as a paper clip, into the hole of the magazine catch.
3. Work the magazine catch stop out of the magazine catch with the pin using a back and forth motion.



4. Remove the magazine catch stop, magazine catch and the magazine catch spring from the grip module.

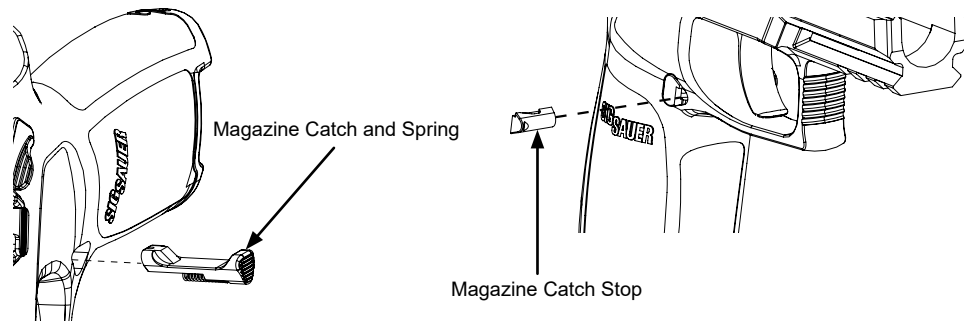


## NOTE

Holding the pistol with the muzzle facing downward will aid in keeping the magazine catch and spring in place for ease of installation.

5. Insert the magazine catch and the spring into the desired side of the grip module and completely press the magazine catch.
6. Insert the magazine catch stop into the magazine catch until it snaps into place. Release the magazine catch.

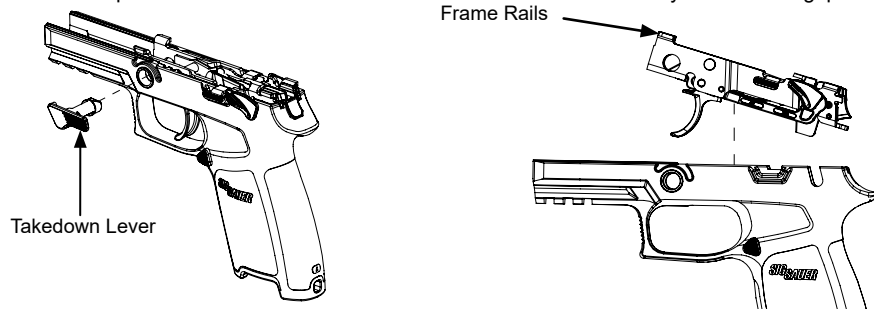
7. Check function with an empty magazine.



## 12.8 CHANGING THE GRIP MODULE

### 12.8.1 REMOVING THE GRIP MODULE

1. Remove the slide but not the recoil spring and recoil spring guide covered in **12.1 Pistol Disassembly on page 44**.
2. Remove the takedown lever by rotating and pull simultaneously.
3. Push the frame assembly forward. Slight rearward pressure of the trigger may be required.
4. Pull up on the frame rails and remove to rotate the frame assembly out from the grip module.

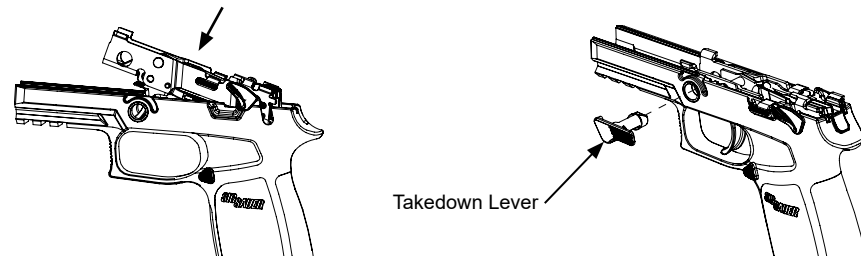


### CAUTION

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

### 12.8.2 INSTALLING THE GRIP MODULE

1. Insert the frame assembly locking tab into the mating slot inside the rear of the grip module.
2. Press down on the frame rails, rotating the frame assembly into position.
3. Insert the takedown lever by rotating it and pushing simultaneously through the corresponding hole on the left side of the grip module/frame assembly, locking the frame assembly in place.
4. Assemble the pistol as described in **12.5 Pistol Assembly on page 54**.





### 13.0 FUNCTION CHECK

A function check is performed on the assembled pistol to verify its proper function. It should be performed after the completion of repairs and after each cleaning and assembly of the pistol.



#### **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. Insert an empty magazine into pistol and ensure magazine catch locks it into place.
2. Fully retract slide and release it. The magazine follower should have pushed the slide catch lever up and locked the slide to the rear.
3. Press magazine catch. Magazine should fall free of pistol under its own weight.
4. Press slide catch lever. The slide should release and lock fully forward.
5. Engage manual safety by pressing upward on either of the ambidextrous levers.
6. Press the trigger to the rear. The striker should not be released.
7. Disengage manual safety by pressing the lever downward.
8. Press and hold trigger rearward. The striker should have released and you should hear an audible click.
9. While still holding trigger rearward, fully retract and release the slide.
10. Release trigger. You should hear a click as it resets.
11. Press trigger. The striker should release and you should hear an audible click.

### **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 PISTOL. IF THE CONDITION OR FUNCTION OF THE PISTOL OR MAGAZINE IS SUSPECT, RETURN THE PISTOL OR MAGAZINE TO SIG SAUER FOR EVALUATION.**

### 14.0 TROUBLESHOOTING GUIDE



#### **WARNING STOPPAGE**



**STOP FIRING IMMEDIATELY. UNLOAD AND CLEAR THE FIREARM.**

A stoppage is an interruption in a firearm'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 firearm 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 the firearm develops a stoppage while shooting, 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 a bore obstruction exists, refer to **14.1 Obstructed Bore on page 66**. 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.

## 14.1 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. 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.

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, take the firearm to a certified SIG SAUER Armorer.

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

1. Engage the manual safety.
2. Keep the muzzle pointed in a safe direction to ensure the operator or any other person would not be injured by the possibility of a cartridge “cooking off”.
3. Immediately release the magazine and chambered cartridge.
4. If the cartridge cannot be removed within 10 seconds, keep the muzzle pointed in a safe direction and wait at least 15 minutes.

## 14.1 FAILURE TO FEED

Possible Cause	Correction
Check for improperly positioned top cartridge in magazine.	Reload ammunition in magazine.
Check for dirty or corroded magazine.	Clean and lubricate per Section 12.3.
Check for incorrect assembly of magazine.	Correctly reassemble magazine.
Check for broken, damaged or bent parts of magazine.	Replace magazine.
Check for dirty, corroded, or damaged ammunition.	Clean or replace ammunition.
Inspect pistol for damaged or broken parts.	Contact customer service.

## 14.2 FAILURE TO CHAMBER

Possible Cause	Correction
Check for dirty, corroded, or damaged ammunition.	Clean or replace ammunition.
Check for dirty or obstructed chamber.	Clean chamber and bore of barrel.
Inspect recoil spring guide assembly for broken recoil spring.	Contact customer service.

## 14.3 SLIDE DOES NOT LOCK FULLY FORWARD

Possible Cause	Correction
Inspect recoil spring guide assembly for broken recoil spring.	Contact customer service.
Inspect slide rails for damage or burrs.	Contact customer service.
Inspect frame rails for damage or burrs.	Contact customer service.

## 14.4 FAILURE TO FIRE

Possible Cause	Correction
Check position of manual safety lever.	Disengage and attempt to fire.
Check for faulty ammunition.	Replace ammunition.
Check for light or no striker indent on primer.	Contact customer service.

## 14.5 FAILURE OF SLIDE TO UNLOCK

Possible Cause	Correction
Inspect barrel for damage or broken locking lug.	Contact customer service.
Check for faulty ammunition determined by short recoil.	Inspect bore for obstruction and replace ammunition.
Check for damaged or broken slide.	Contact customer service.

## 14.6 FAILURE TO EXTRACT

Possible Cause	Correction
Check for rough or dirty chamber.	Clean chamber and bore.
Check for dirty, corroded, or damaged ammunition.	Clean or replace ammunition.
Check for broken or weak extractor spring by pulling up on extractor.	Contact customer service.
Check for broken extractor hook.	Contact customer service.

## 14.7 FAILURE TO EJECT

Possible Cause	Correction
Check for broken ejector on frame.	Contact customer service.

## 14.8 MINIMIZING STOPPAGES

- Most stoppages can be minimized by cleaning and lubricating the pistol. See **12.3 Cleaning and Lubricating on page 48**.
- 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 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 the magazines as well as the firearm. See **12.2 Magazine Disassembly on page 47**.
- A good practice is to mark the magazines so a magazine that is related to a stoppage can be easily identified.

## 15.0 SIGHTS



### WARNING TRITIUM SIGHTS



#### SPECIAL CONSIDERATIONS FOR DAMAGED NIGHT SIGHTS

SOME SIG SAUER PISTOLS COME EQUIPPED WITH SIGHTS THAT CONTAIN RADIOACTIVE MATERIAL FOR ILLUMINATION DURING LOW LIGHT CONDITIONS ("NIGHT SIGHTS"). THESE SIGHTS ARE COMMONLY MARKED "H3". THE RADIATION SOURCE IS HYDROGEN-3 (H3), ALSO KNOWN AS TRITIUM, CONTAINED IN A SEALED VIAL. SIG SAUER NIGHT SIGHTS CONTAIN LESS THAN 90mCi OF TRITIUM AND MEET THE UNITED STATES NUCLEAR REGULATORY COMMISSION (NRC) REQUIREMENT 10 CFR 32.23.

THE OPERATIONAL TEMPERATURE RANGE OF SIG SAUER TRITIUM SIGHTS IS -30°C/-22°F TO +60°C/+140°F. THE BETA RADIATION EMITTED BY TRITIUM IS ONLY A HAZARD IF THE TRITIUM VIAL IS BROKEN AND INGESTED OR INHALED. THE BODY DOES NOT EASILY RETAIN HYDROGEN OR TRITIUM AS A GAS. HOWEVER, THE BURNING OF TRITIUM PRODUCES TRITIUM OXIDE WHICH IS 10,000 TIMES MORE HAZARDOUS. FOR THIS REASON, GREAT CARE SHOULD BE TAKEN TO AVOID FLAME IN THE PRESENCE OF DAMAGED TRITIUM SIGHTS.



AFTER CONTACT WITH A SUSPECTED DAMAGED TRITIUM SIGHT, CAREFULLY WASH YOUR HANDS WITH SOAP AND WATER. DO NOT HANDLE DAMAGED SIGHTS IF YOU HAVE OPEN SKIN CUTS OR ABRASIONS. DO NOT EAT, DRINK, SMOKE OR APPLY COSMETICS IN THE PRESENCE OF DEFECTIVE OR DAMAGED TRITIUM NIGHT SIGHTS.


**WARNING TRITIUM SIGHTS**

**SPECIAL HANDLING FOR REPAIR, RETURN, OR DISPOSAL**

END USER IS EXEMPT FROM ANY REGULATORY RESPONSIBILITY.

USE ONLY A PROPER SIGHT INSTALLATION/PUSHER TOOL. USE OF A PUNCH MAY DAMAGE THE TRITIUM VIAL.

**DO NOT ATTEMPT TO DISASSEMBLE OR REPAIR A TRITIUM NIGHT SIGHT.**

TRITIUM NIGHT SIGHTS ARE EXPECTED TO LOSE APPROXIMATELY HALF THEIR BRIGHTNESS AFTER 5 YEARS. TRITIUM NIGHT SIGHTS SHOULD BE DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS AND SHOULD NEVER BE BURNED.

SIG SAUER WILL RESPONSIBLY DISPOSE OF OLD OR DAMAGED TRITIUM NIGHT SIGHTS.

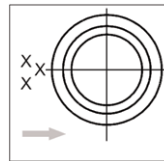
PLEASE CONTACT SIG SAUER CUSTOMER SERVICE FOR INSTRUCTIONS TO RETURN OLD OR DAMAGED NIGHT SIGHTS FOR DISPOSAL OR TO OBTAIN RETURN MERCHANDISE AUTHORIZATION FOR REPAIR OR RETURN OF ITEMS STILL UNDER WARRANTY.


**WARNING UNLOAD/CLEAR**


SIGHT CORRECTIONS SHOULD ONLY BE PERFORMED ON AN UNLOADED FIREARM. ADJUSTING THE SIGHTS ON A LOADED FIREARM COULD RESULT IN UNINTENTIONAL DISCHARGE, CAUSING INJURY OR DEATH. VISUALLY AND PHYSICALLY CONFIRM THE PISTOL IS UNLOADED BEFORE MAKING SIGHT ADJUSTMENTS.

**15.1 WINDAGE (LEFT/RIGHT) ADJUSTMENT**

Change windage by moving the front sight either to the left or right in its dovetail. When you do this, follow the front sight rule: Move the front sight in the opposite direction you want the impact of the shot to go.



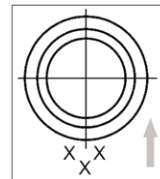
Impact left of point of aim

**15.2 ELEVATION (UP/DOWN) ADJUSTMENT**

There are several front sight height combinations available. The sights are numbered according to their height. You can change elevation by changing the front sight. Each front sight change will move the impact of the bullet approximately 1" at 25 yards.

When changing sights, remember this rule:

NUMBERS UP, POINT OF IMPACT UP  
NUMBERS DOWN, POINT OF IMPACT DOWN



Impact below point of aim

## 16.0 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).



## 17.0 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 us 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).



## 17.1 RETURNING FIREARMS FOR REPAIR

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



**WARNING DO NOT SHIP AMMUNITION**



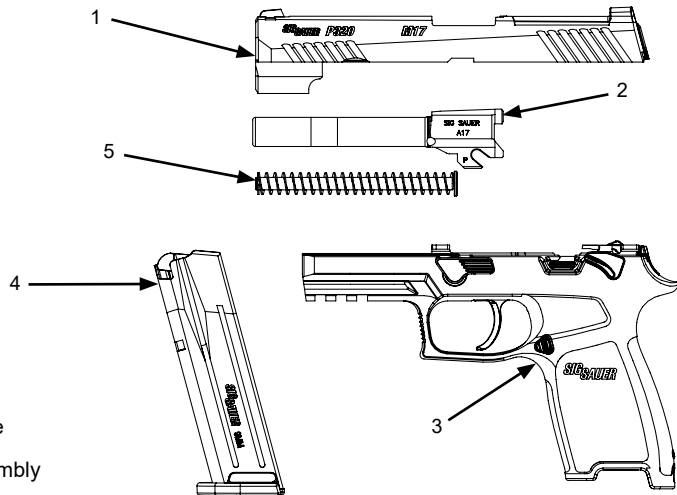
**BEFORE SHIPPING ANY FIREARM, BE ABSOLUTELY CERTAIN THAT THE FIREARM AND ANY MAGAZINES ARE UNLOADED. DO NOT SHIP AMMUNITION WITH A FIREARM.**

1. The RMA number allows SIG SAUER to track the status of 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.



# P320-M17

## 18.0 PARTS DIAGRAM P320-M17



1. Slide Assembly, Full Size

2. Barrel, 9x19mm, Full Size

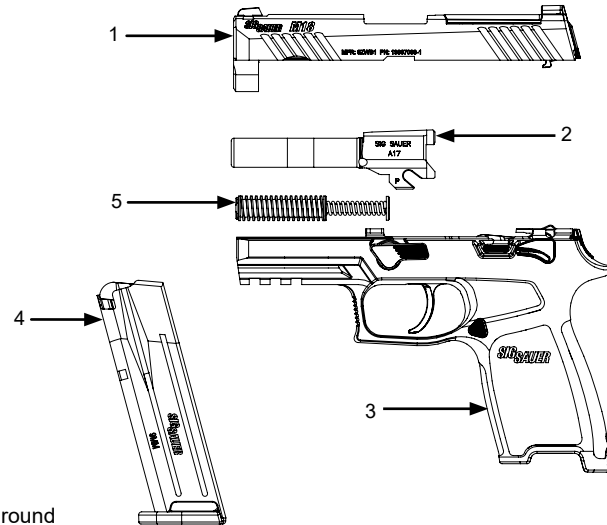
3. Frame/Grip Module Assembly

4. Magazine Assembly, 9x19mm, 21 round

5. Recoil Spring Guide Assembly, 9x19mm, Full Size

# P320-M18

## 18.1 PARTS DIAGRAM P320-M18



1. Slide Assembly, Compact

2. Barrel, 9x19mm, Compact

3. Frame/Grip Module Assembly

4. Magazine Assembly, 9x19mm, 17 round

5. Recoil Spring Guide Assembly, 9x19mm, Compact

## 18.2 TECHNICAL SPECIFICATIONS

- Striker fired system.
- Left or right hand operation (magazine catch repositions to either side, slide catch lever functions from both sides).
- Glass reinforced grip module with integral MIL-STD 1913 rail.
- Grip modules feature stippled gripping surface for positive control.
- Solid slide of high-strength stainless steel with front and rear cocking serrations.
- High contrast or SIGLITE™ Night Sights in different heights.

\*Specifications are approximate and subject to change without notice.

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



	M17	M18
Caliber	9x19mm	
Length, Overall	8.05 inches / 204.75 mm	7.25 inches / 184.15 mm
Height (w/ standard magazine)	5.55 inches / 141.90 mm	
Width	1.55 inches / 39.60 mm	
Barrel Length	4.7 inches / 119.38 mm	3.90 inches / 99.06 mm
Rifling Twist	1:10 / 254 mm	
Rifling Grooves	6 Right Hand	
Sight Radius	6.49 inches / 165 mm	
Weight (without magazine)	26.9 oz / 0.76 kg	24.54 oz / 0.70 kg
Weight, with empty 21 round magazine (Optional)	30.8 oz / 0.873kg	28.57 oz / 0.81 kg
Weight with empty 17 round magazine	29.98 oz / 0.85 kg	27.86 oz / 0.79 kg
Magazine Weight, empty 17 round	2.97 oz / 0.084 kg	
Magazine Weight, empty 21 round (Optional)	3.83 oz / 0.108 kg	
Trigger Pull	6.0-7.0 pounds / 26.6 N to 31.1 N	

## APPENDIX A: EXPENDABLE SUPPLY LIST

## Explanation of Columns

**Column (1) Item No.** This number is assigned to the entry in the list and is referenced in narrative instructions to identify the item.

**Column (2) Level.** Identifies the lowest class of maintenance that requires the item.

**Column (3) National Stock Number (NSN).** This is the NSN assigned to the item.

**Column (4) Item, Name, Description, Part Number/(CAGEC).** Provides the other information you need to identify the item.

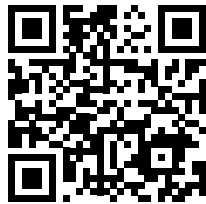
**Column (5) U/I.** Unit of Issue shows the physical measurement or count of an item.

(1) ITEM NUMBER	(2) LEVEL	(3) NATIONAL STOCK NUMBER	(4) DESCRIPTION	(5) UNIT OF ISSUE
1	C	1005-00-716-2132	BRUSH, CLEANING SMALL (BORE BRUSH) (19205) 7162132	EA
2	C	1005-00-494-6602	BRUSH, CLEANING, SMALL ARMS (TOOTHBRUSH) (19204) 8448462	EA
3	C	9150-01-102-1473	CLEANER, LUBRICANT PRESERVATIVE (CLP) (81349) MIL-L-63460 ½ oz bottle	EA
4	C	9150-00-292-9689	LUBRICATING OIL, ARCTIC, WEAPONS (LAW) (81349) MIL-L-14107 1 qt can	QT
5	C	9150-00-889-3522	(LUBRICATING OIL, WEAPONS SEMI-FLUID (LSA) (19204) 8436793 4 oz bottle	OZ
6	C	7920-00-205-1711	RAG, WIPING (58536) A-A-531 50 lb box	LB
7	C	1005-00-556-4102	ROD, CLEANING, M4 (19204) 5564102	EA
8	C	1005-00-288-3565	SWAB, SMALL ARMS PK (19204) 5019316	EA

# P320-M17

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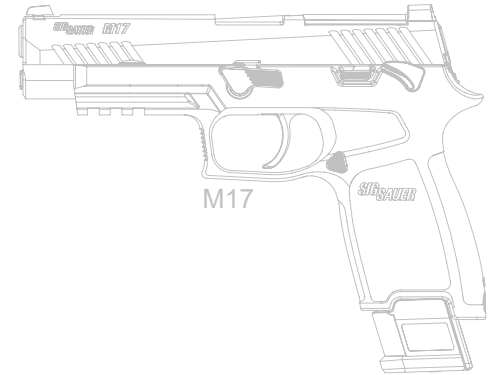
For warranty information on your new SIG SAUER firearm, scan the QR code below. This will take you to the SIG SAUER Warranty Information and Registration page on our website. There you will also be able to register your new firearm and find information about our warranty.



## NOTES:



# P320-M18





[sigsauer.com](https://sigsauer.com)

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