



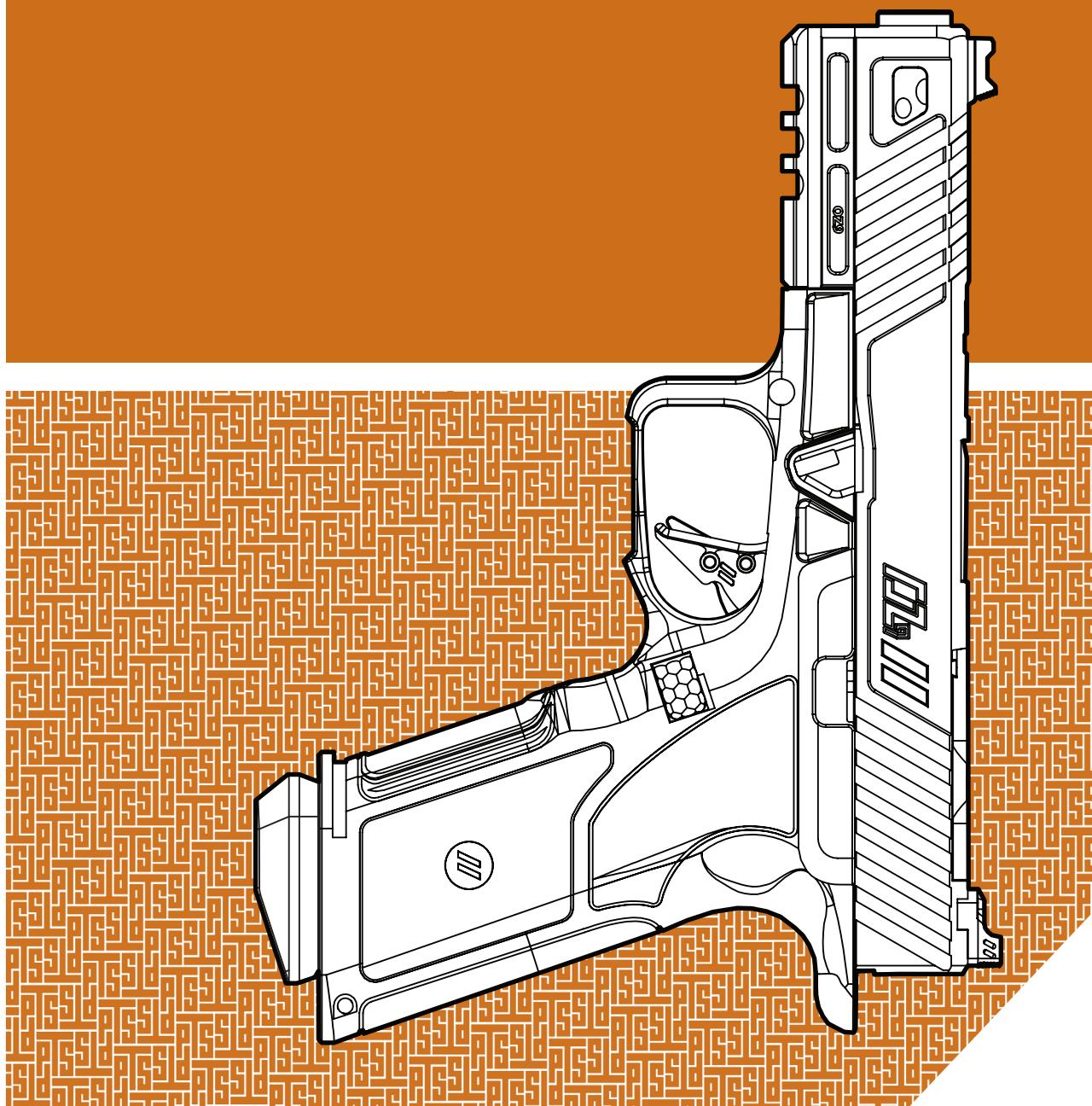
**ZEV** //

TECHNOLOGIES

®

# OZ9 ELITE (STANDARD VER.)

## Instruction Manual



## CORE FEATURES

- Fully ZEV Technologies licensed trademarks.
- Aluminum alloy diecast slide for a balance of durability and performance.
- PTS ZEV OZ9 outer barrel has an 11mm (CW) thread. Includes a thread adapter (11mm CW to 14mm CCW) and thread protector. This allows it to work with mock suppressors and tracers.
- Modular chassis with an integrated accessory rail for lights and lasers.
- Adjustable trigger for user-preferred long or short stroke.
- Redesigned piston base and enlarged nozzle for improved BB feeding and reduced jams.
- Hard and durable nozzle spring has been integrated for consistent and reliable cycling.
- Polymer grip with an integrated magwell and optimized steep grip angle for natural pointability.
- Reversible mag release button design for left or right-hand shooters.
- Ergonomic trigger pad for improved engagement and control.
- Modular chassis system that is easily removable from the polymer frame for maintenance or modification via a single takedown pin.
- Extended chassis frame rails for increased surface contact between the frame and the slide, ensuring reliable cycling.
- ZEV Combat Sights with a steel black wide U notch rear sight and a bright fiber optic front sight.
- Removable RMR mount plate on the slide for optional red dot sight installation.
- 6.03mm 97mm inner barrel combined with a purple 70-degree hop-up rubber for exceptional accuracy and range.
- Included PTS Side Arm Magazine (SAM) - GS, preinstalled with the new design PTS Enhanced Pistol Shockplate G-Series to mitigate shock and impact, provides added durability.

## SAFETY INSTRUCTIONS AND HANDLING

You must be 18 years or older to purchase this airsoft gun.

You should be fully familiar with the proper and safe handling of your airsoft gun. Observe safe firearm handling practices at all times. Failure to do so may result in serious bodily injury or death.

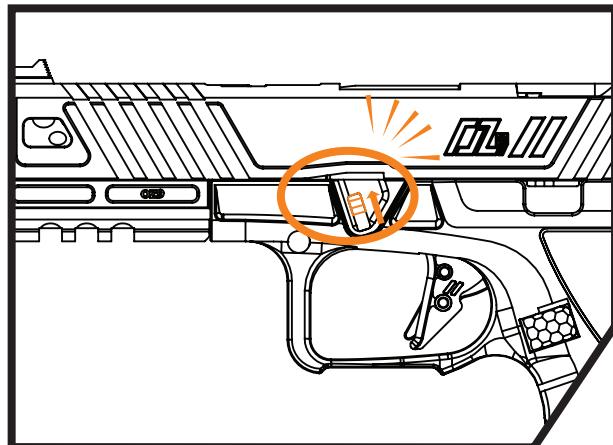
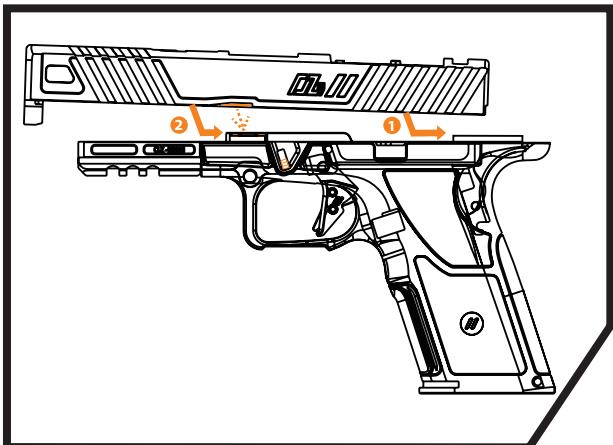
- Always treat an airsoft gun as if it were loaded.
- Never leave a loaded airsoft gun unattended.
- Keep your finger off the trigger and outside the trigger guard until you are ready to shoot.
- Always keep the muzzle pointed in a safe direction.
- Always be aware of your target's foreground and background.
- Proper eye protection should always be worn when firing an airsoft gun.
- Always store your airsoft gun in a safe place, in an unloaded condition and out of reach from children.
- Do not brandish or display this airsoft product in public - it may confuse people and may be a crime in your area. Police and others may view it as a firearm and they may react under that assumption.

## DISCLAIMER

- PTS products feature design modifications and/or material construction that renders them incompatible with real firearms.
- DO NOT attempt to install, modify, or otherwise adapt PTS products for use on real firearms, as damage to the weapon and/or serious personal injury may occur.
- Any alteration or conversion done to this airsoft product that leads to a different classification of the airsoft gun/weapon in regards to the applicable firearms legislation may render it illegal. If these circumstances occur, the manufacturer's warranty becomes immediately null and void.
- Modifications and/or repairs to the airsoft gun should only be completed by authorized agencies or by a skilled gunsmith. PTS is not responsible for injury, death or property damage resulting from faulty installation, misuse, illegal use, or modification of this product.

## SLIDE INSTALLATION

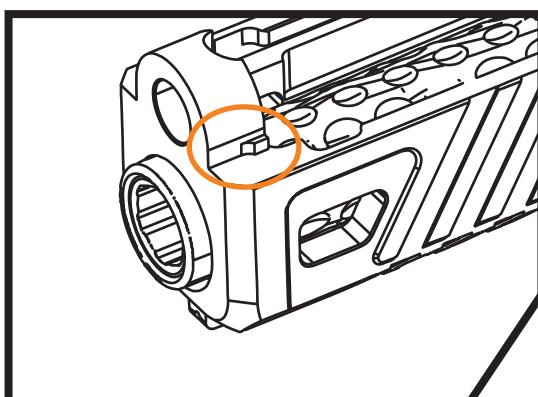
(PLEASE NOTE THAT THE OZ9 STANDARD VERSION COMES WITH THE SLIDE PRE-INSTALLED.)



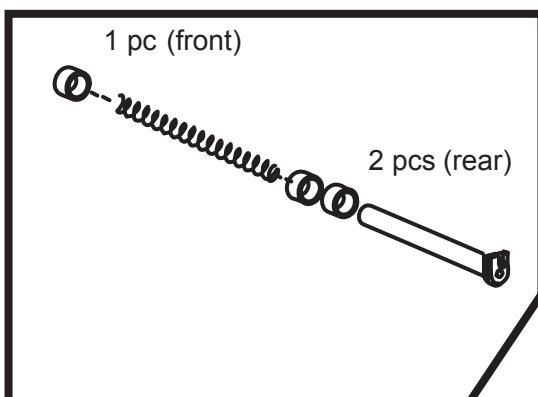
- When assembling the PTS ZEV OZ9 Elite, it's crucial to follow a specific procedure for installing the upper slide onto the lower frame. Unlike other G style airsoft pistols where the slide is installed from one end to another, the PTS ZEV OZ9 upper slide insert should be inserted from below, starting at the pointed position indicated in the diagram. To ensure proper alignment, observe that the slide lock moves upward when the slide is correctly positioned. This unique installation method is specific to the PTS ZEV OZ9 Elite and guarantees the correct assembly of the airsoft pistol. For a visual demonstration of the correct installation process, you can watch a helpful video guide provided by PTS on their Youtube channel.



INSTALLATION  
VIDEO

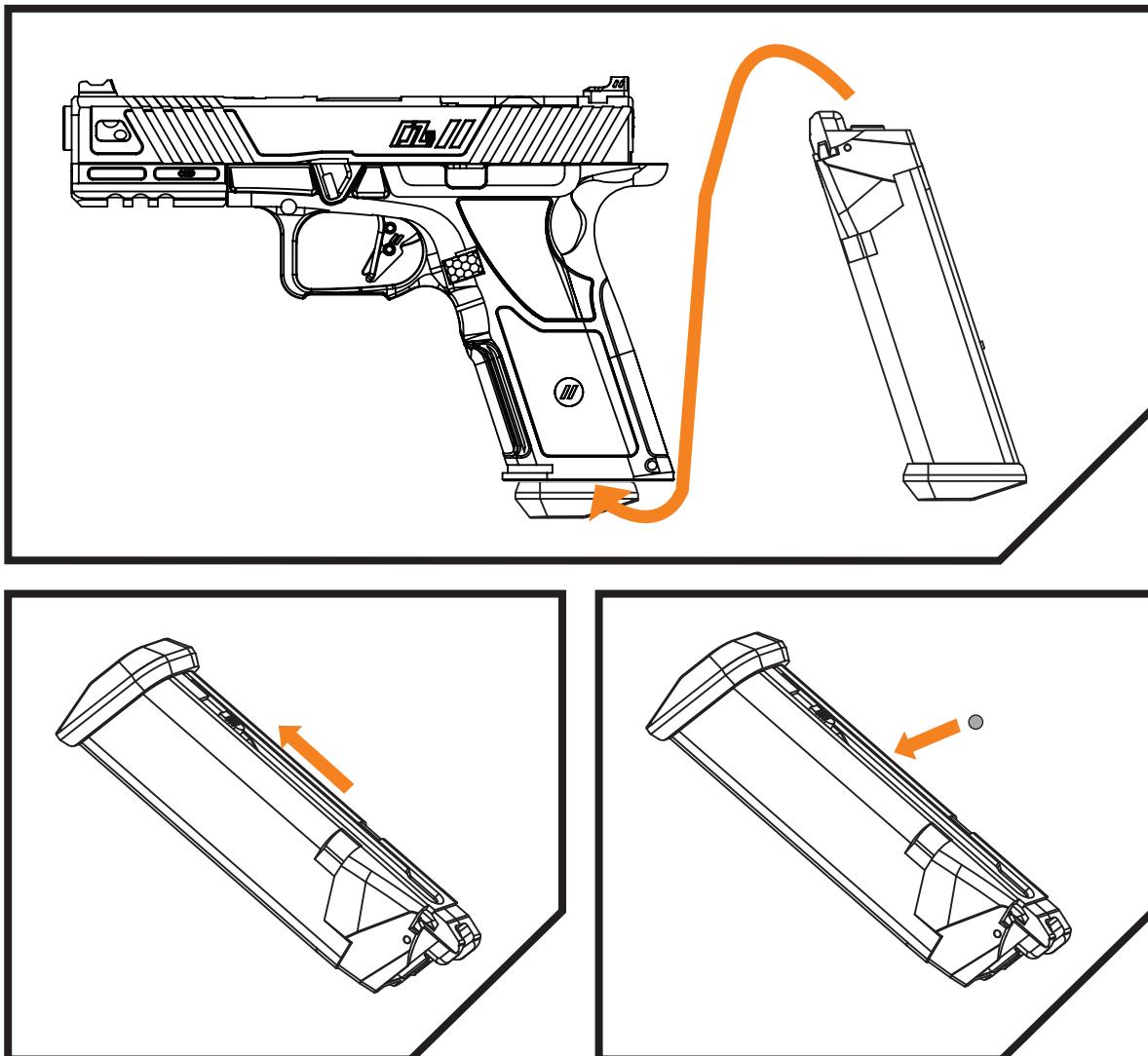


- Another important point to note is that the user must align the slide properly with the frame during assembly. There are small raised bumps on the left and right sides of the front part of the slide that are intentionally designed to give the pistol a tight slide to frame fit. To achieve the desired fit size, the user may need to cycle the slide several times. It is recommended to apply lubricating oil before taking any action to facilitate smooth movement and avoid any potential damage.



- Additionally, please remember that when assembling the recoil parts, it is essential to ensure the correct placement of the spacers. There are a total of three spacers, with one piece positioned at the front and two pieces at the rear. It is important to note that the front part refers to the position closer to the muzzle. Properly aligning and placing the spacers in the designated locations will contribute to the optimal functioning of the PTS ZEV OZ9 Elite pistol.

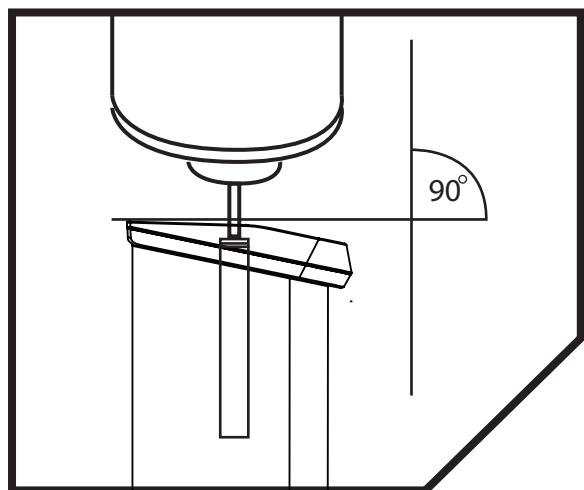
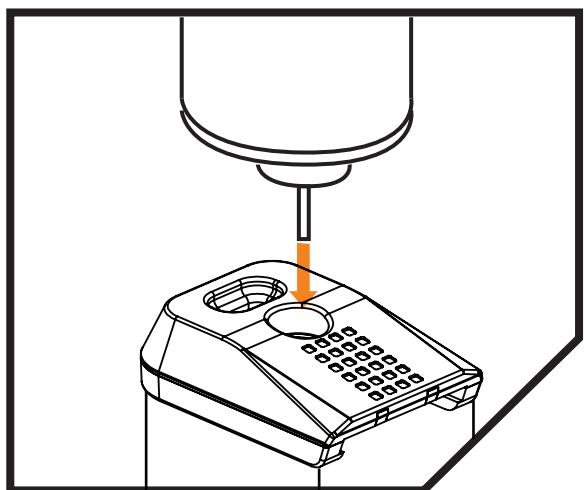
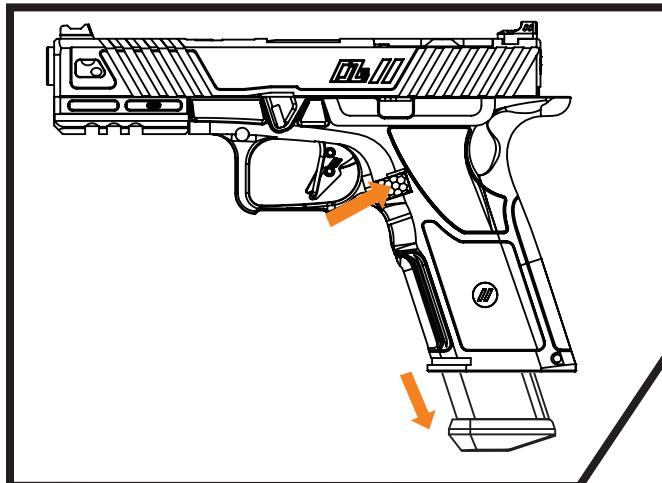
## LOADING THE BB TO THE MAGAZINE



- Point the airsoft pistol in a safe direction and press the magazine release button to remove the magazine.
- Pull all the way down and hold the magazine follower.
- Load the 6mm Airsoft BBs into the magazine as shown in the diagram.
- Use only high quality 6mm Airsoft BB pellets (0.2g or heavier) with your PTS ZEV OZ9.
- Never reuse BBs or use low quality BBs to prevent damage to your gun.
- Never overload BBs into the magazine.

## CHARGING GAS

The PTS ZEV OZ9 uses green gas / top gas (sold separately) to propel the BB projectiles.



Remove magazine from gun

Hold the magazine firmly in the inverted position and firmly push the green gas canister nozzle into the magazine's charging valve at the base of the magazine. (Make sure both the canister and magazine are inline in the vertical position when charging.

Charge the magazine for approximately 10-15 seconds.

Note: It is normal to have minor leaking from the charging valve during gas charging due to high pressure built up inside the magazine. It is recommended to keep the gas release valve slightly oiled.

**WARNING:** Avoid dropping the magazine. A sudden impact with a hard surface may damage the magazine.

Note: Do not expose the magazine to direct sunlight or incinerate the magazine; overheating the magazine may cause the magazine to burst.

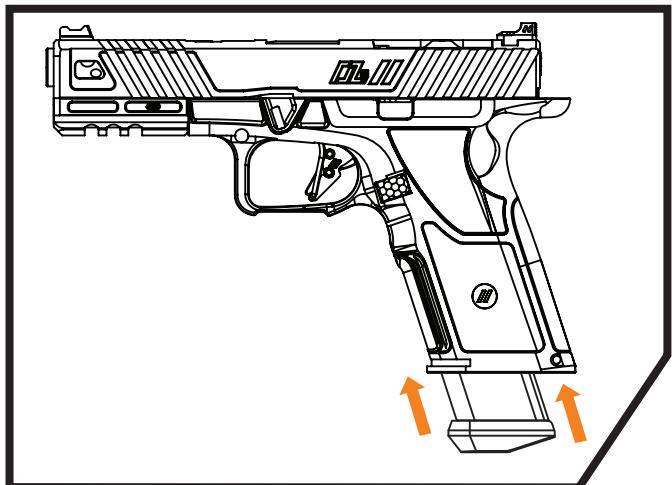
## DISCHARGE GAS

It is strongly recommended to empty the gas from the magazine after shooting.

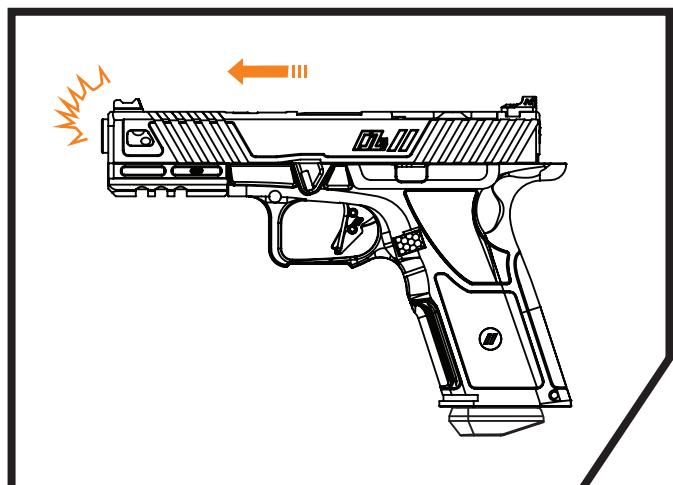
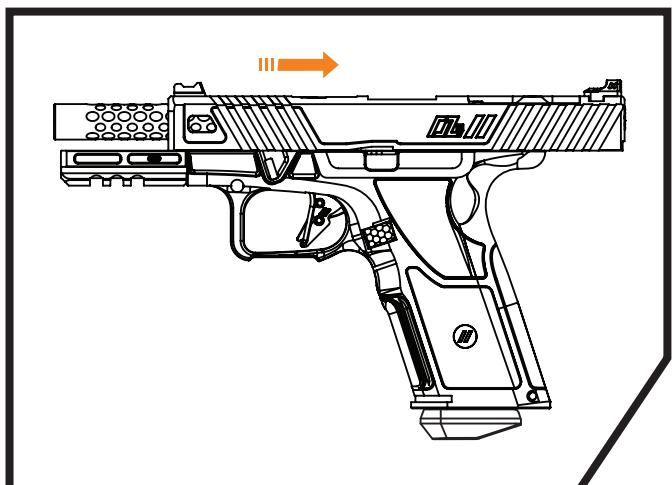
Make sure the magazine release valve at the top of the magazine is faced away from your face and skin. Press the release valve at the rear top of the magazine to discharge the remaining gas.

**WARNING:** Be certain that the gas does not make contact with eyes or skin while being released, as any contact will cause cold burns.

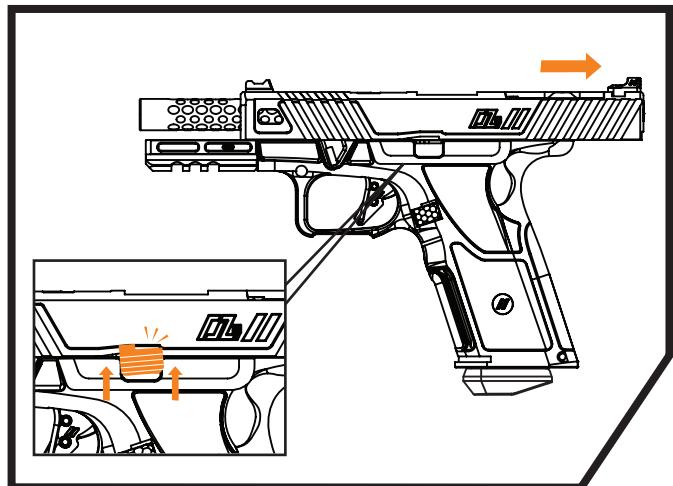
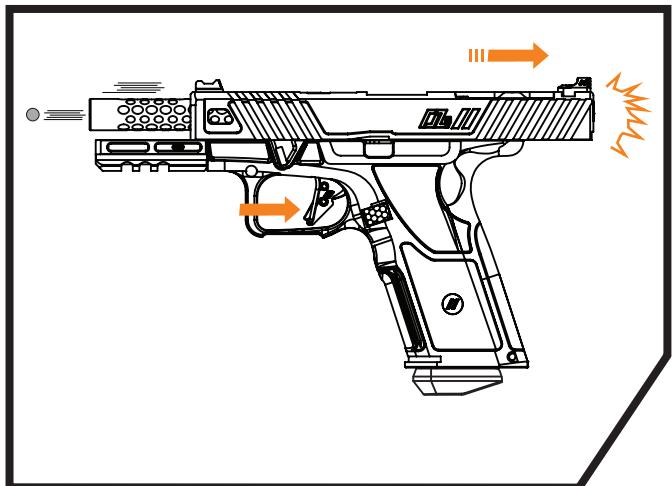
## PREPARING FOR FIRING – FIRING BBS



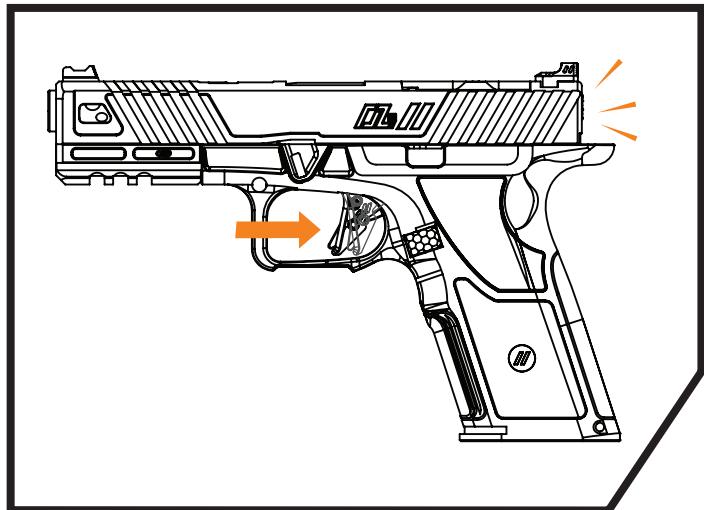
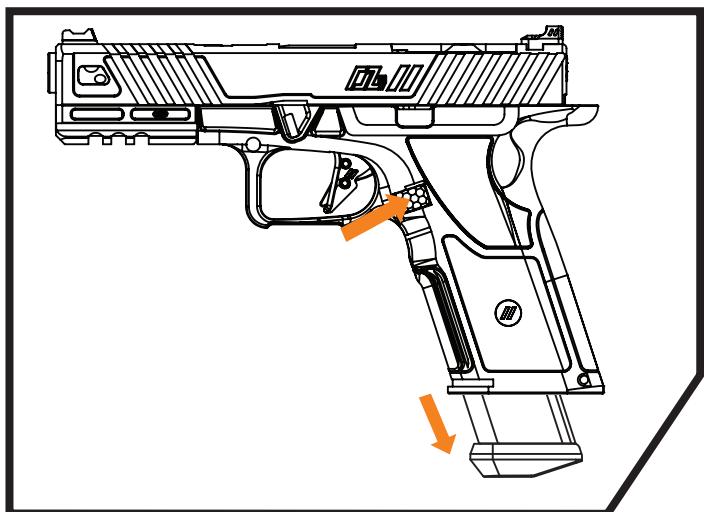
- Insert the magazine from the button of the grip, you should hear a “click” sound.
- When the magazine is fully seated, the magazine catch will lock the magazine in place.
- Do not set the magazine into the main body with a forceful impact. It may cause damage to the main body or lead to malfunction.



- Pull the slide all the way back and then release it so that it automatically returns forward on its own. (if you slow down the forward movement of the slide by holding it, the slide may not return fully into battery)
- Grasp the grip firmly, place your index finger on the trigger, and while releasing the trigger safety, pull it towards you. The BB bullet is fired, and the slide moves back with force = blowback occurs.
- When all the BB bullets have been fired, the slide stop will automatically engage, and the slide will stop in the rearward position (slide open).



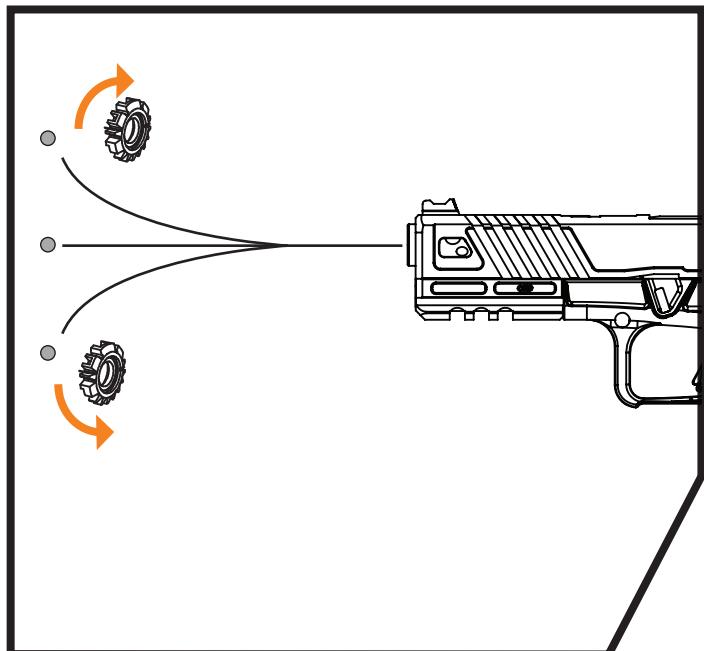
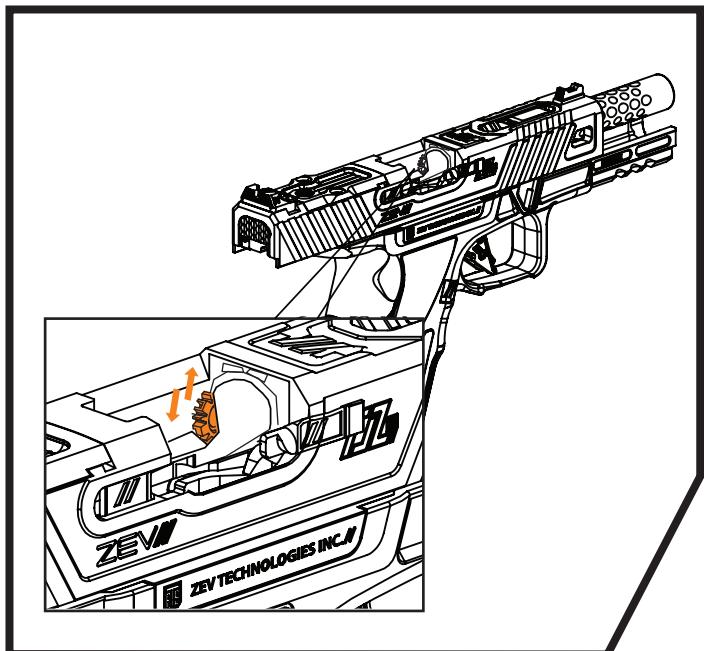
## FINISHING FIRING - STORING



- Remove the magazine by pressing the magazine release button.
- Make sure that there are no bullets left in the chamber.
- Point the pistol in a safe direction and pull the trigger to release the hammer.
- Wipe off any dirt or oil on the main body and magazine.
- Store the main body and magazine in a safe and dry place away from children and pets.

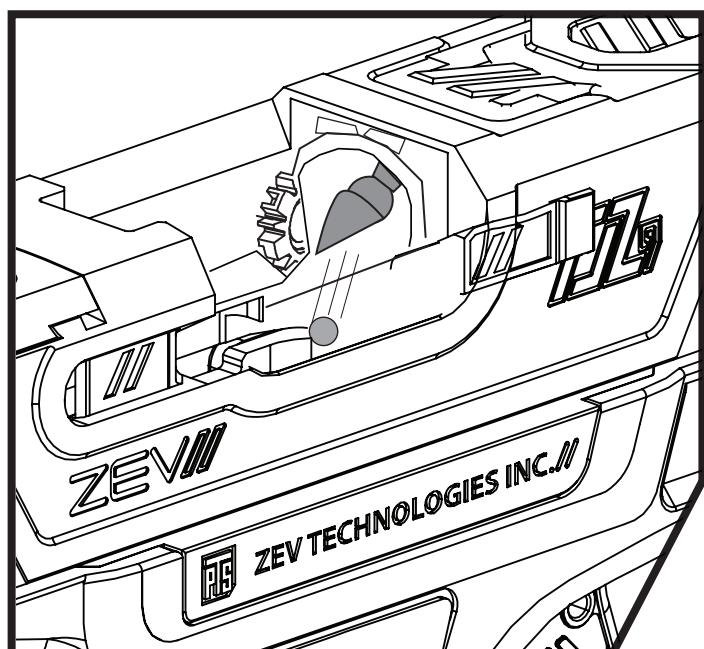
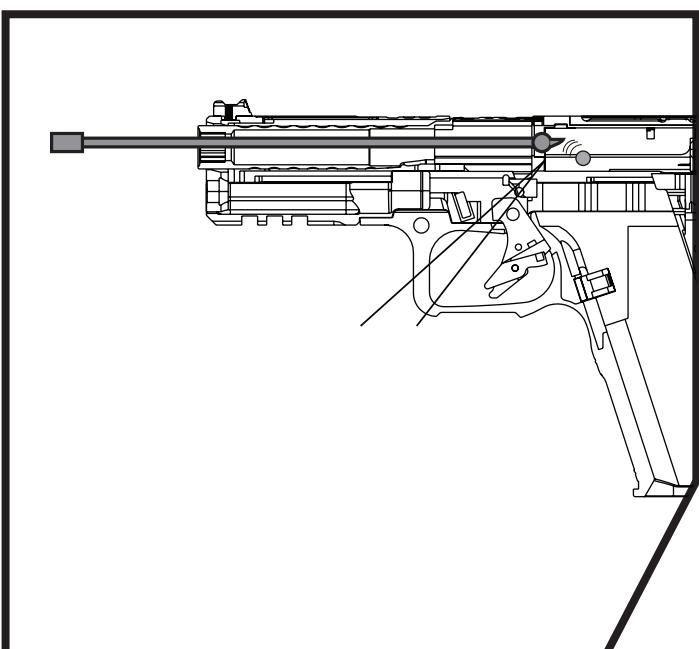
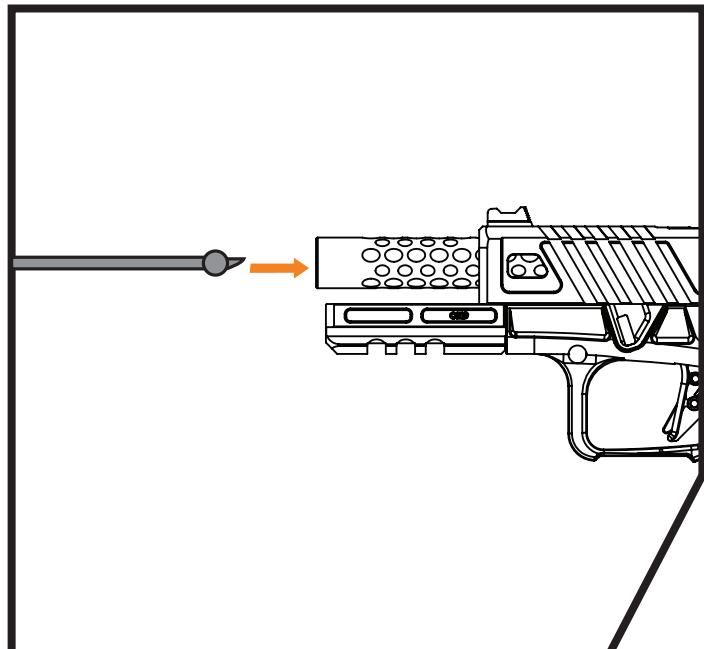
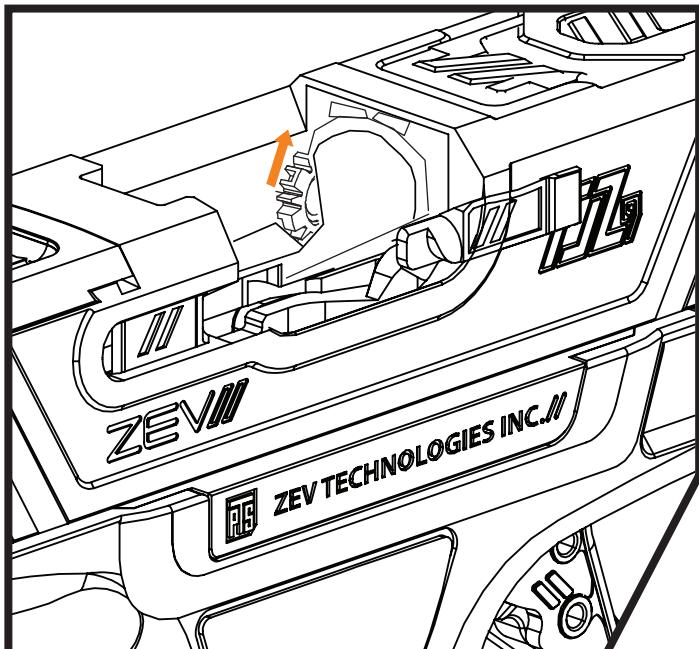
## HOP-UP ADJUSTMENT

The hop-up system is a device that puts backspin on the BBs as they are fired from the airsoft gun. This backspin allows the BBs to travel farther and more accurately. The hop-up system is adjustable to suit different BB weights and shooting conditions



- Remove the magazine by pressing the magazine release button.
- Pull the slide all the way back and push up the slide stop lever to open slide position.
- Locate the hop-up adjustment wheel on the barrel.
- Use a small tool to adjust the hop-up wheel to increase or decrease the hop-up effect.
- Pull down the slide stop lever and test the hop-up adjustment.

## HOW TO FIX A JAMMED BB

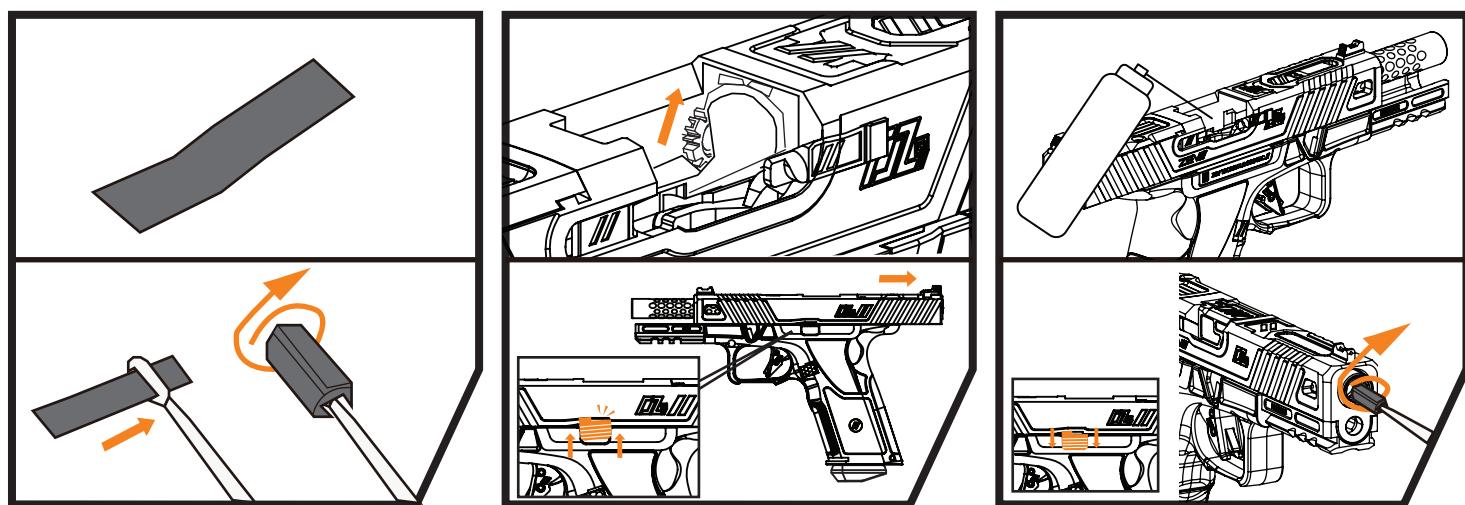


- Remove the magazine and clear the chamber.
- Check the barrel for any obstructions or debris.
- Clear any obstructions or debris with a cleaning rod or other suitable tool.
- Inspect the magazine for any damage or deformities.
- Replace the magazine with a new one if necessary.
- Test fire the gun to ensure that the issue has been resolved.

## REGULAR MAINTENANCE

### Cleaning the Chamber / Barrel:

- Prepare a cleaning rod.
- Prepare a dry cotton cloth of the size shown in the diagram. Thread it through the cleaning rod and wrap it around it.
- Remove the magazine from the pistol.
- Pull the slide and engage the slide stop, while the slide is pulled back, push up the slide stop
- Use sufficient cleaning solution into the chamber (Do not spray into the ejection port)
- Clean as shown in the diagram using the prepared cleaning rod.
- Disassemble the pistol as described above.
- Use a cleaning rod and patches to clean the barrel.
- Inspect the barrel for any damage or debris.
- Reassemble the pistol.



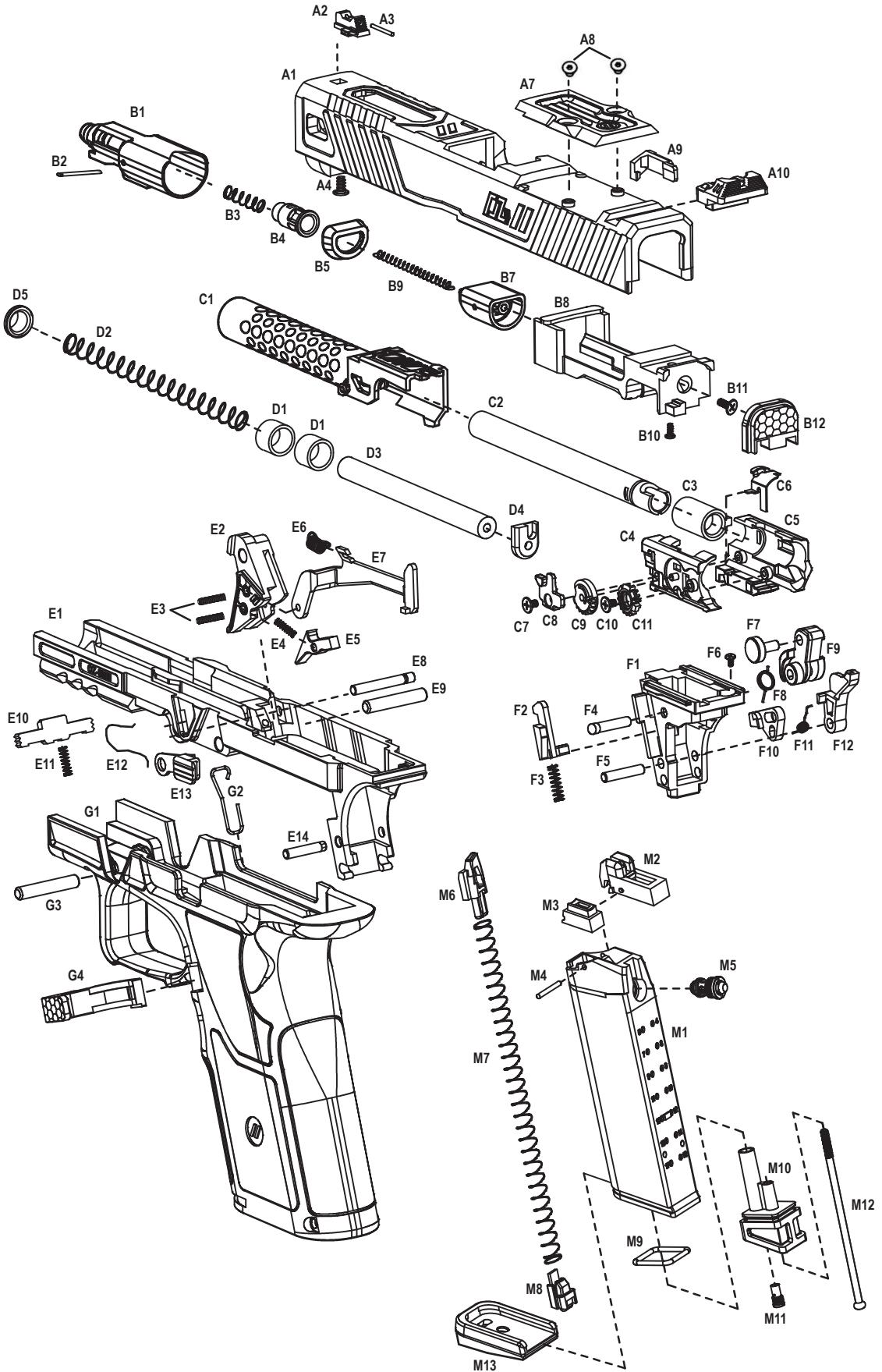
### Lubrication of the Operating Parts:

- Lubricate the moving parts of the airsoft gun regularly.
- Inspect the airsoft gun for any damage or wear.
- Disassemble the airsoft gun as described above.
- Apply a small amount of lubricant to the moving parts of the airsoft gun.
- Reassemble the airsoft gun.
- Store the airsoft gun in a cool, dry place.

## OPERATING UNDER UNUSUAL CONDITIONS

- Unusual conditions are defined as any condition requiring special maintenance. Perform maintenance outlined for the climate similar to your operational area.
- Extreme Cold – operating an Airsoft gas gun in extremely cold temperatures is not recommended. Cold temperatures will cause the hop-up rubber bucking to harden, reducing its effectiveness. Furthermore, gas will not expand properly in cold temperatures, so both the cycling rate and power will be dramatically reduced.
- Extreme Heat – operating an Airsoft gas gun in extremely hot temperatures is also not recommended. Leaving the gun in direct sunlight for long periods of time, or operating in extremely hot areas will cause the gas to over expand, possibly damaging the internal working of the gun. The increase in internal pressure from the expanding gas can also damage the seals and cause leaks in the magazine.
- Dust or Sand – dust or sand can get into the gas gun and cause malfunctions and/or excessive wear. Keep the gun covered whenever possible. Use lubricant sparingly, as lubricant naturally attracts dirt and other particles. After use in a dusty area, always field strip the gun (see Disassembly section) and clean any areas you can reach with a soft, lint-free and cotton-tipped swabs.

# EXPLODED VIEW



# PARTS LIST CATALOGUE

A1	Slide	D1	Spacer	G1	Lower Frame
A2	Front Sight	D2	Recoil Spring	G2	Mag Catch Spring
A3	Fiber	D3	Recoil Guide Rod	G3	Frame Lock Pin
A4	Front Sight Screw	D4	Recoil Guide Rod Plate	G4	Mag Catch
A7	RMR Plate	D5	Spacer (Front)	M1	Magazine Case
A8	RMR Plate Screw	E1	Middle Frame	M2	Mag Lip
A9	Extractor	E2	Trigger	M3	Nozzle Seal
A10	Rear Sight	E3	Trigger Pin	M4	Mag Lip Pin
B1	Loading Nozzle	E4	Trigger Safety Spring	M5	Gas Release Valve
B2	Loading Nozzle Pin	E5	Trigger Safety	M6	Follower
B3	Gas Control Valve Spring	E6	Trigger Spring	M7	Follower Spring
B4	Gas Control Valve	E7	Trigger Bar	M8	Spring Retainer
B5	Piston Head	E8	Frame Pin	M9	Base Seal
B7	Gas Control Valve Base	E9	Lock block Pin	M10	Mag Base
B8	Piston Base	E10	Slide Lock	M11	Charging Valve
B9	Loading Nozzle Spring	E11	Slide Lock Spring	M12	Mag Base Screw
B10	Rear Sight Screw	E12	Slide Stop Spring	M13	Mag Baseplate
B11	Valve Base Hold Screw	E13	Slide Stop		
B12	Slide End Cover	E14	Housing Lock Pin		
C1	Outer Barrel	F1	Hammer Housing		
C2	Inner Barrel	F2	Knocker Lock		
C3	Hop Up Rubber	F3	Knocker Lock Spring		
C4	Chamber Cover(Left)	F4	Hammer Pin		
C5	Chamber Cover (Right)	F5	Sear Pin		
C6	Hop Up Lever	F6	Hammer Housing Screw		
C7	Chamber Lock Screw	F7	Bearing		
C8	Chamber Lock	F8	Hammer Spring		
C9	Hop Up Adjust Dial A	F9	Hammer		
C10	Hop Up Adjust Dial Screw	F10	Knocker		
C11	Hop Up Adjust Dial B	F11	Sear Spring		
		F12	Sear		



ZEV Technologies, Inc. is one of the leading companies in innovating and producing the highest quality weapon accessories and parts.



As the worldwide exclusive licensee of a wide variety of airsoft products and brands, PTS prides itself in helping create the most authentic experience possible - both on and off the battlefield. Nothing else handles like PTS because nothing else is made like PTS, guaranteed. Each and every brand in the PTS family must pass rigorous testing requirements. And it's only the most realistic, precision engineered and innovatively designed that make the cut. In the end, you can be assured that the PTS family of brands offers a singular opportunity to own one of the finest, most trusted, field-tested brands ever assembled. Welcome to the PTS experience.

## ⚠️ WARNING!

User restricted to 18 years of age or older.

You must read through this instruction Manual before operating this airsoft gun.

Always wear proper eye and face protection.

Obey all your local laws and regulations regarding ownership and usage of airsoft guns.

Misuse or careless use may result in serious injury or other consequences.

MADE IN CHINA

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