

# KWA<sup>®</sup>

## OPERATOR'S MANUAL



## 1911 MARK PTP SERIES

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## USE OF THIS MANUAL

Before operating the Airsoft gun, read this manual in its entirety. Important safety topics and tips are discussed throughout all of the chapters. It's important that the operator know the principles of gun handling safety and operation prior to firing the Airsoft gun.

## SAFETY GUIDELINES



**WARNING! Failure to follow safety guidelines may result in serious injury.**

### Safety Distance

The effective shooting range is approximately 75 feet. BBs fired from this Airsoft gun may travel further than intended. Make certain that you have an adequate backstop.

### Eye Protection

Eye protection should be worn at all times when both shooting and maintaining your Airsoft gun. Protect your eyes from BBs under pressure while performing maintenance on your Airsoft gun.

### Assume Every Gun is Always Loaded

Until you are certain the chamber is empty, treat every gun as if it were loaded. Do not assume the chamber is empty based on your memory or someone else's words. Always remove the magazine and visually check to confirm the chamber is empty.

### Beware of Barrel Obstructions

Ensure the Airsoft gun barrel is free of obstructions before you fire the gun. Even the smallest obstruction such as lubrication or a stuck cleaning patch can cause a misfire or malfunction.

### Muzzle Control

Always keep the muzzle of the gun pointed in a safe direction. Never point the muzzle at a person or object that you do not intend to shoot.

### Keep Your Safety On

Keep the gun's safety on until your sights are aligned on your target and you are ready to fire.

### Keep Your Finger Off The Trigger

Keep your finger off the trigger and out of the trigger guard until your sights are aligned on your target and you are ready to fire.



**WARNING! Airsoft BBs can be a choking hazard. Keep them away from children.**

## SAFETY GUIDELINES

### Identify Your Target and Backstop

Before you pull the trigger, make certain of your target and what is beyond it. The Airsoft gun should never be fired at surfaces such as rocks, glass, water, or other hard surfaces where BBs are likely to ricochet in unpredictable directions.



**WARNING! Adult supervision is required for any person under the age of 18.**

### Failure To Fire

If the Airsoft gun fails to fire, misfires, or malfunctions, do not look into the gun barrel. BBs can become lodged into the chamber, and serious eye injury may occur.

### Maintain Your Gun Properly

Performing proper maintenance, as outlined in this manual, ensures that your Airsoft gun will be safe to shoot and will perform to its designed specifications for many years. Alterations, modifications or adjustments may damage your Airsoft gun, make it unsafe to shoot, and will void all warranty claims.

### Store Your Gun Safely

Always store the Airsoft gun in a safe place, and out of the reach of children. Always transport the Airsoft gun in a carrying case. Never display the Airsoft gun in a public place. Keep the safety engaged, and remove the magazine before storing the Airsoft gun. Note: it is your responsibility to take every reasonable precaution to ensure the safe storage and transportation of your Airsoft gun.

### Orange Tip

The orange tip on Airsoft guns helps Law Enforcement distinguish between the replica guns from their real firearm counterparts. Altering the coloration or markings required by state or Federal law so as to make the product look more like a firearm is dangerous and may be a crime. Operator assumes all risks and responsibility when doing so.

### Hazards of Being Mistaken for a Real Firearm

Airsoft guns have been mistaken by Police and Law Enforcement as real firearms. A confrontation with law enforcement while carrying an Airsoft gun can result in serious injury or even death. It is strongly advised to operate the Airsoft gun at a safe and legal location. In the event that you are approached by Law Enforcement personnel, you must comply with their instructions immediately to avoid an incident.

### Alcohol, Medications, and Drugs

Do not handle or operate your Airsoft gun while under the influence of alcohol, medication or drugs.

### Your Responsibility

Your Airsoft gun is well-engineered and manufactured to the highest standards. It was carefully inspected before it was packaged and shipped from our factory. Its safe use depends on you alone. You are the ultimate safety device. Like many other devices, your Airsoft gun is safe unless handled in an irresponsible or uneducated manner.

## SPECIFICATIONS

### 1911 MARK I

- Overall Length = 22.22 cm [8.75"]
- Overall Height = 15.24 cm [6"]
- Inner Barrel Length = 115 mm
- Inner Barrel Diameter = 6.05 mm
- Weight = 1.01 kg [2.23 lbs]
- Caliber = 6 mm
- Magazine Capacity = 14 rounds
- Velocity = 104-107 MPS [340-350 FPS]
- Energy Output with 0.20g BB = 1.07 Joules
- Gas System = NS2
- Propellant = Green Gas

### Special Features:

- Realistic construction and field stripping
- Functional beavertail grip safety
- Thumb safety lever
- Skeletonized hammer and trigger
- Front and rear slide serrations
- Full metal alloy construction
- Combat sight
- Adjustable hop-up

\*Individual test results may vary depending on brand of BBs, ambient temperature, and chronograph used.

## PACKAGE CONTENTS

- 1 1911 Mark I PTP
- 1 Bottle of Silicone Oil
- 1 Magazine
- 1 Sample bag of Airsoft BBs
- 1 Hop-Up Adjustment Tool
- 1 Operator's Manual



## SPECIFICATIONS

### 1911 MARK II

- Overall Length = 22.22 cm [8.75"]
- Overall Height = 15.24 cm [6"]
- Inner Barrel Length = 115 mm
- Inner Barrel Diameter = 6.05 mm
- Weight = 1.09 kg [2.4 lbs]
- Caliber = 6 mm
- Magazine Capacity = 14 rounds
- Velocity = 104-107 MPS [340-350 FPS]
- Energy Output with 0.20g BB = 1.07 Joules
- Gas System = NS2
- Propellant = Green Gas

### Special Features:

- Realistic construction and field stripping
- Functional beavertail grip safety
- Thumb safety lever
- Skeletonized hammer and trigger
- Front and rear slide serrations
- Accessory rail
- Full metal alloy construction
- Combat sight
- Adjustable hop-up

\*Individual test results may vary depending on brand of BBs, ambient temperature, and chronograph used.

## PACKAGE CONTENTS

- 1 1911 Mark II PTP
- 1 Bottle of Silicone Oil
- 1 Magazine
- 1 Sample bag of Airsoft BBs
- 1 Hop-Up Adjustment Tool
- 1 Operator's Manual



## SPECIFICATIONS

### 1911 MARK III

- Overall Length = 22.22 cm [8.75"]
- Overall Height = 15.24 cm [6"]
- Inner Barrel Length = 115 mm
- Inner Barrel Diameter = 6.05 mm
- Weight = 1.01 kg [2.23 lbs]
- Caliber = 6 mm
- Magazine Capacity = 14 rounds
- Velocity = 104-107 MPS [340-350 FPS]
- Energy Output with 0.20g BB = 1.07 Joules
- Gas System = NS2
- Propellant = Green Gas

### Special Features:

- Realistic construction and field stripping
- Functional beavertail grip safety
- Thumb safety lever
- Skeletonized hammer and trigger
- Front and rear slide serrations
- Full metal alloy construction
- Combat sight
- Conical outer barrel
- Adjustable hop-up

\*Individual test results may vary depending on brand of BBs, ambient temperature, and chronograph used.

## PACKAGE CONTENTS

- 1 1911 Mark III PTP
- 1 Bottle of Silicone Oil
- 1 Magazine
- 1 Sample bag of Airsoft BBs
- 1 Hop-Up Adjustment Tool
- 1 Operator's Manual



## SPECIFICATIONS

### 1911 MARK IV

- Overall Length = 22.22 cm [8.75"]
- Overall Height = 15.24 cm [6"]
- Inner Barrel Length = 115 mm
- Inner Barrel Diameter = 6.05 mm
- Weight = 1.09 kg [2.4 lbs]
- Caliber = 6 mm
- Magazine Capacity = 14 rounds
- Velocity = 104-107 MPS [340-350 FPS]
- Energy Output with 0.20g BB = 1.07 Joules
- Gas System = NS2
- Propellant = Green Gas

### Special Features:

- Realistic construction and field stripping
- Functional beavertail grip safety
- Thumb safety lever
- Skeletonized hammer and trigger
- Front and rear slide serrations
- Accessory rail
- Full metal alloy construction
- Combat sight
- Conical outer barrel
- Adjustable hop-up

\*Individual test results may vary depending on brand of BBs, ambient temperature, and chronograph used.

## PACKAGE CONTENTS

- 1 1911 Mark VI PTP
- 1 Bottle of Silicone Oil
- 1 Magazine
- 1 Sample bag of Airsoft BBs
- 1 Hop-Up Adjustment Tool
- 1 Operator's Manual





## CHARGING GAS

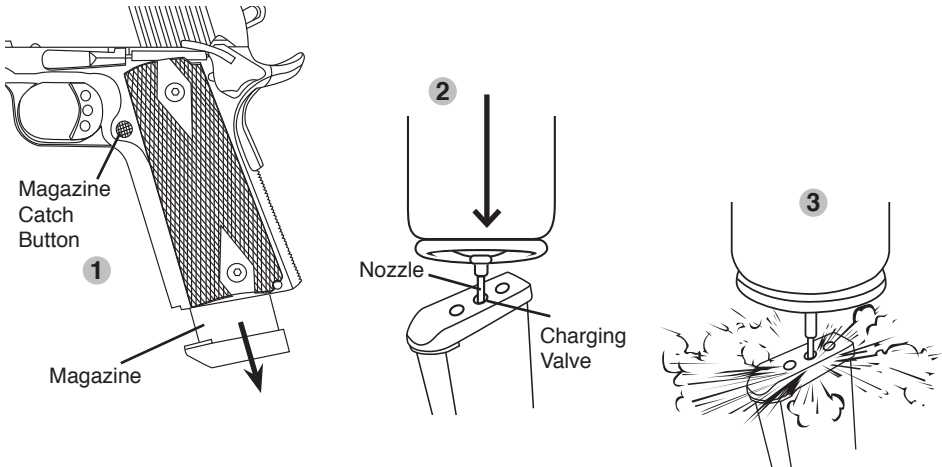
1. Release the magazine by pressing the magazine catch button.
2. Push the gas canister nozzle into the charging valve. (Make sure both the canister and magazine are inverted and in the vertical position when charging.)
3. Charge the magazine until gas overflows from the charging valve.



**WARNING: Avoid dropping the magazine. Sudden impact with a hard surface may cause damage to the magazine.**

**Note:** It is normal to have minor leaking from the charging valve during charging due to high pressure built up inside the magazine. It is recommended to keep the gas release valve slightly oiled. Room temperature is the ideal temperature for shooting. You may experience a delayed action if the surrounding temperature drops below 68° F.

**Note:** Do not expose the magazine to direct sunlight or incinerate the magazine, as this may cause the magazine to burst. It is strongly recommended to empty the gas from the magazine after shooting. Be certain that the gas does not make contact with eyes or skin while being released, as any contact will cause cold burns.



### Green Gas safety tips:

- Check the canister for any cracks or leaks before using.
- Do not expose the canister to temperature over 104° F.
- Do not leave the canister directly over fire.
- Do not heat the canister.
- Keep the canister away from direct sunlight.
- Do not leave the canister in any type of vehicle.

## LOADING BBs

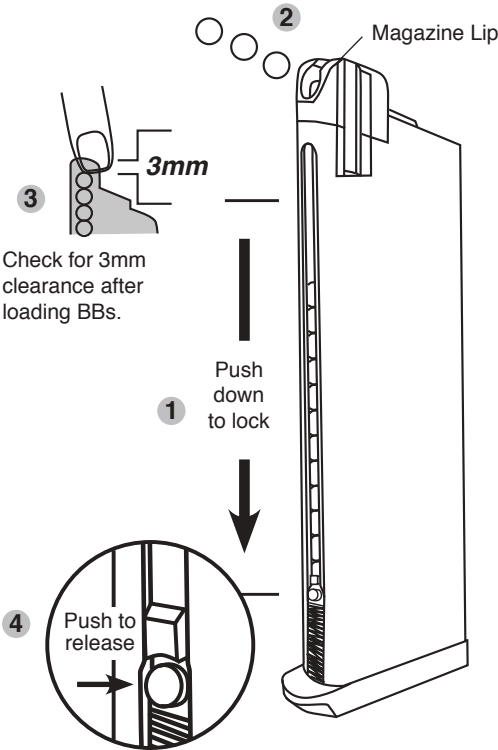
1. Pull the magazine follower down until it locks.
2. Insert BBs into the magazine lip.
3. Make sure to have a 3mm clearance between BBs and the top lip of the magazine.
4. Push the magazine follower lock to release.



**WARNING: Always use high quality 6mm BBs, weighing 0.2g or heavier. For best result use 0.25g KWA Perfect BBs. Never use recycled or low grade BBs to prevent damage to your gun.**

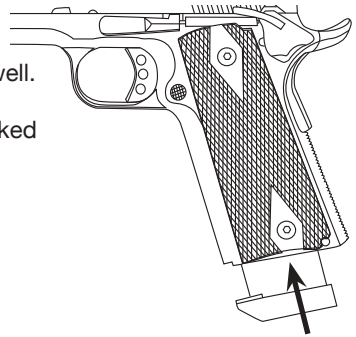


**WARNING: Do not release the magazine follower when the magazine is empty. Doing so will damage the magazine and magazine follower.**



## LOADING MAGAZINE

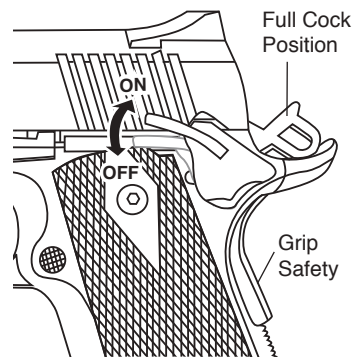
1. Place the magazine back into the magazine well.
2. Push the magazine up until it clicks into a locked position.
3. Pull the magazine down to assure that it has been locked in place.



## SAFETY

To engage the Safety, push the safety lever upward. The gun is not ready to fire.  
(UP = ON = NOT READY TO FIRE)

To disengage the Safety, push the safety lever downward. The gun is ready to fire.  
(DOWN = OFF = READY TO FIRE)

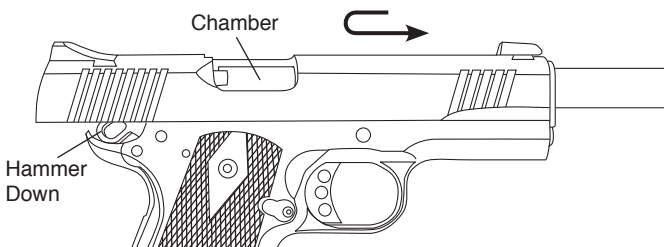


## GRIP SAFETY

Grip safety is on at all times. To release grip safety, hold grip firmly and grip safety will be disengaged.

## LOADING CHAMBER

Pull the slide to the rear-most position and release the slide. This will automatically load the BBs into the chamber. The hammer will be in a cocked position. Make sure not to skip this procedure. Skipping this step will cause a misfire on the first pull of the trigger. The slide will lock open when the last BB is fired.



## SHOOTING

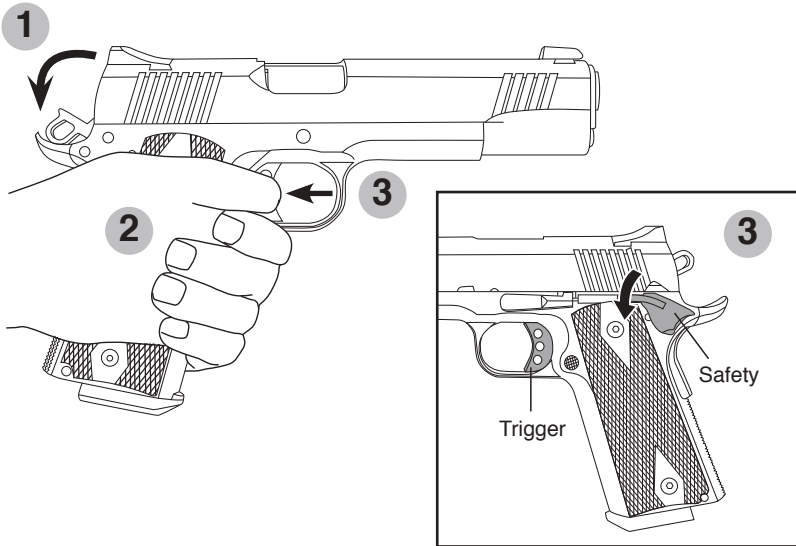
1. Make sure the gun is cocked.
2. Grasp the Airsoft gun in your hand firmly. A two-hand hold with one hand wrapped around the other will help control the Airsoft gun.
3. Release safety and squeeze the trigger. The blow back action will load the following BBs automatically as the slide cycles back and forth.



**WARNING: Never shoot the gun in a horizontal or upside-down position.**



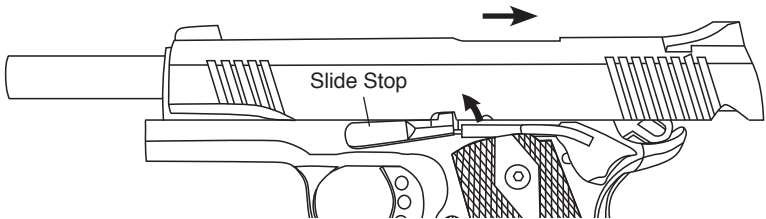
**WARNING: Do not fire the pistol without a magazine inserted. Doing so may damage the impact block and result in the loss of the impact pin.**



## OPEN SLIDE

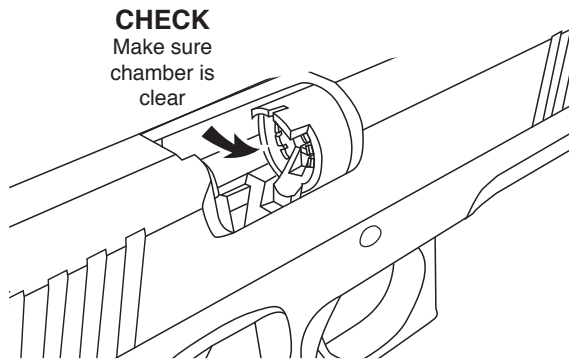
The slide will remain open after the last BB has been fired and ejected. Remove the empty magazine and replace it with a loaded magazine, then release the slide stop. The first BB will be automatically loaded into the chamber.

**Note:** It is important to treat your gun as if it were loaded even when the slide is open.



## AFTER SHOOTING

After you are finished shooting, remove the magazine and visually examine the open chamber to check for clearance. Make sure both the magazine and the chamber are clear without BBs, **release the slide then engage the safety lever.**



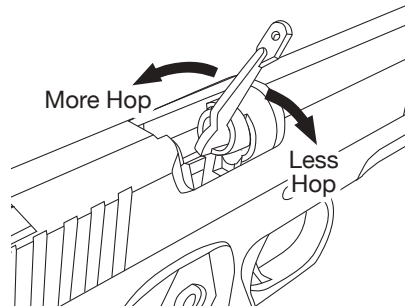
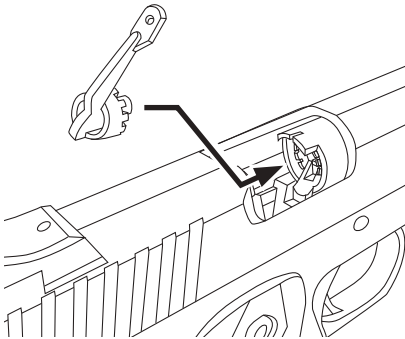
## HOP-UP SYSTEM

The Hop-Up device is one of KWA's standard features, giving Airsoft BBs greater stability, further travel and consistency. Airsoft BBs are light-weight and can be affected by wind when fired. With the Hop-Up system, the trajectory of the Airsoft BBs can be adjusted according to the shooting environment or surroundings.











### HOP-UP ADJUSTMENT

To adjust the Hop-Up, make sure the magazine is loaded and that you have at least 65 feet of clearance for a test fire before making any adjustments.

1. Test fire the gun for 10 to 20 rounds and observe the BB's traveling pattern.
2. Remove the magazine.
3. Open the slide and place adjusting tool into the slotted chamber ring. Turn the adjusting ring a 1/4-inch at a time.
4. If the BBs are dropping too quickly, move the adjusting ring to the left or counter-clockwise to give the BB more hop. If the BBs are dropping too slowly, move the adjusting ring to the right or clock-wise.
5. Test fire and adjust as needed.



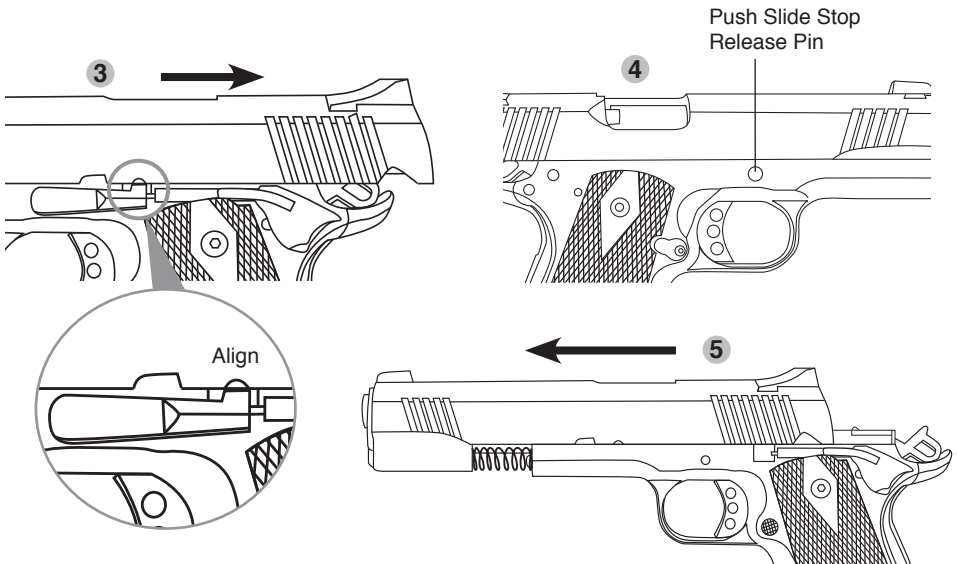
## HOP-UP ADJUSTMENT POINT

| BB TRAJECTORY PATTERN  | ADJUSTMENTS  |
|--|--|
|  <p data-bbox="247 220 570 253">BB DROPS FREELY</p>   |  <p data-bbox="673 212 812 253">TURN KNOB TO LEFT</p>           |
|  <p data-bbox="247 293 570 334">BB TRAVELS AT SHORT TRAJECTORY PATH</p>                                       |  <p data-bbox="673 285 812 334">TURN KNOB SLIGHTLY TO LEFT</p>  |
|  <p data-bbox="247 367 570 407">BB TRAVELS DISTANCE AT FLAT TRAJECTORY PATH</p>                               |  <p data-bbox="673 358 812 407">NO ADJUSTMENT MADE</p>          |
|  <p data-bbox="247 440 570 496">BB TRAVELS FLAT IN SHORT DISTANCE, THEN GOES UP IN CURVE AND DROPS FREELY</p> |  <p data-bbox="673 448 812 496">TURN KNOB SLIGHTLY TO RIGHT</p> |
|  <p data-bbox="247 529 570 570">BB TRAVELS AT UNSTABLE SPEED AND IRREGULAR PATH</p>                           |  <p data-bbox="673 521 812 570">TURN KNOB TO RIGHT</p>          |

## DISASSEMBLY

It is not recommended to disassemble the gun unless you have BBs jammed inside the barrel or for maintenance purpose only.

1. Remove magazine by depressing the magazine catch button.
2. Check and clear the chamber of BBs.
3. Pull back the slide until small cut out slot on the slide aligns with the front end of the slide stop.
4. While holding the slide in position, remove the slide stop by pushing on the release pin on the right side of frame. Pull off the slide-stop from the left side of the frame.
5. Glide the slide forward, away from the frame.



## ASSEMBLY

1. Put the slide onto the frame rails. Glide it toward the rear of the Airsoft gun until the small cut-out slot on the slide aligns with the slide stop hole.
2. While holding the slide in position, insert the slide-stop.
3. Pull the slide to the rear-most position and then release.
4. Install the magazine.

**NOTE:** After the slide assembly is completed, cycle the slide back and forth to ensure proper assembly.



## BASIC TROUBLESHOOTING GUIDE FOR PISTOL

| SYMPTOMS  | POSSIBLE CAUSE                               | SOLUTIONS                                   |
|---|--|---|
| Slide jams / Will not complete cycle                                  | Dry internals                                | Add silicone to cylinder / main seal/ rails |
| Double feeds BBs into chamber / BB's roll out of barrel               | Hop-up adjustment too tight                  | Release hop-up or replace bucking           |
| BBs will not release from magazine / bent mag lip/ check bb condition | Bent magazine lip                            | Replace magazine lip                        |
| Leaking release valve & charging valve                                | Dry O-ring                                   | Add silicone oil to valves / Replace valves |
| Slide stop engages while shooting BBs                                 | Weak slide stop spring                       | Adjust tension                              |
| Magazine base plate will not lock                                     | Broken base plate lock                       | Replace base plate lock                     |
| Magazine base leaking air   | Worn out base seal                           | Replace magazine base seal                  |
| Cylinder will not load BBs into chamber                               | Broken cylinder tap                          | Replace cylinder                            |
| Trigger will not reset  | Worn out trigger spring / trigger bow spring | Replace trigger spring / trigger bow spring |

## GENERAL MAINTENANCE FOR KWA GAS BLOW BACK

Green gas is a liquid propellant which tends to dry out the seals and o-rings. With lubricating silicone oil, it will extend the life of the seals and o-rings and prevent gas leaks.

Use only the recommended 100% silicone oil, available for purchase at the Airsoft dealer where you purchased your KWA products. Any other type of lubricant may damage the products.

Lightly lubricate the recoil spring, cylinder and moving parts with a few drops of oil. Lubricating the seals and o-rings are essential. Unload BBs from the magazine. Make sure the magazine is free of gas before lubricating the magazine's charging valve and release valve.

## 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 Bucking to harden, reducing its effectiveness. Gas will not expand properly in cold temperatures, so both the cycling rate and power will be dramatically reduced.

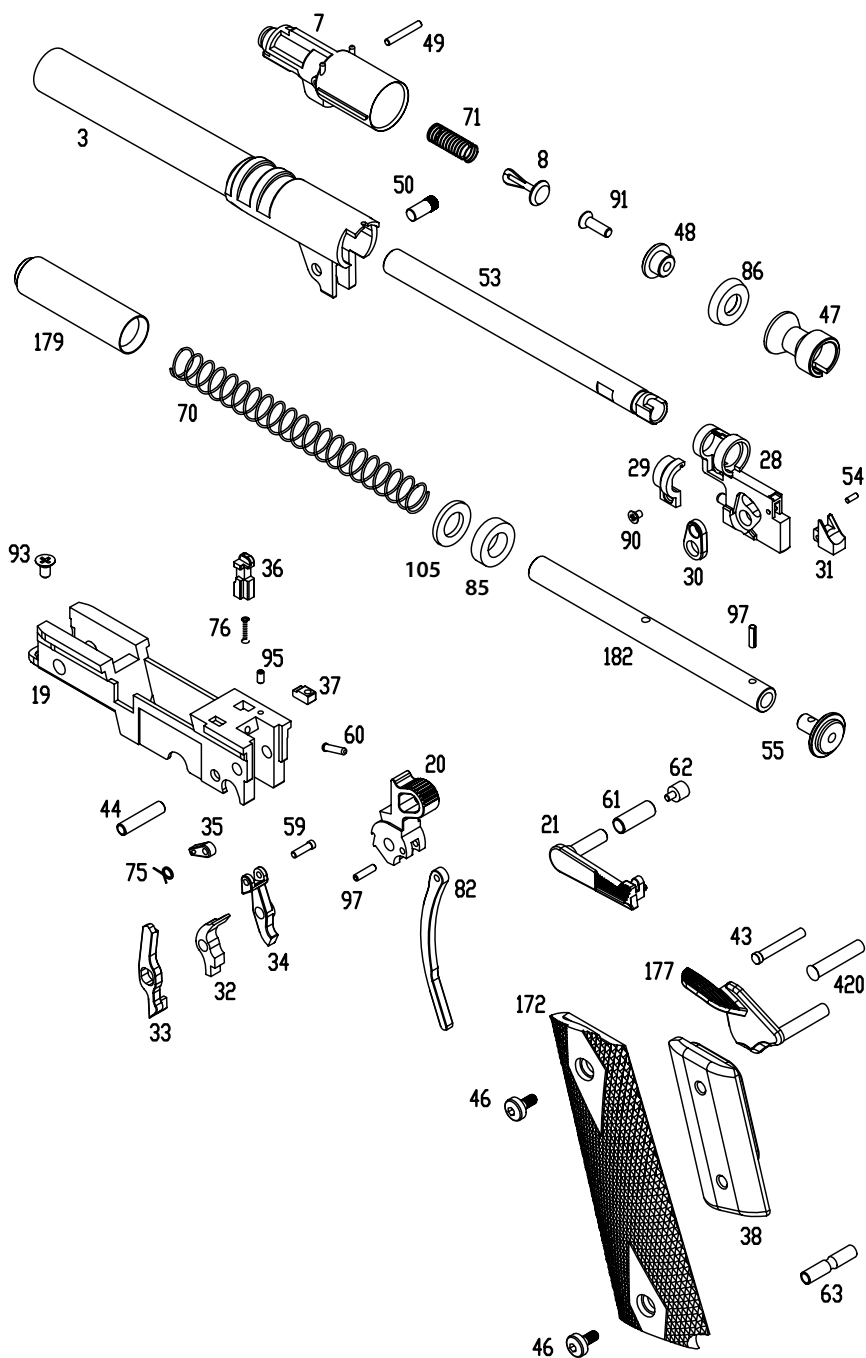
### **Extreme Heat:**

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, damaging the internal workings 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 a gas gun and cause malfunctions and/or excessive wear. Keep the gun covered whenever possible. Use lubricant sparingly, as lube naturally attracts dirt and other particles. After use in a dusty area, always field strip the gun (refer to Disassembly Section) and clean any areas you can reach with a soft, lint-free cloth.

1911 MARK I DIAGRAM





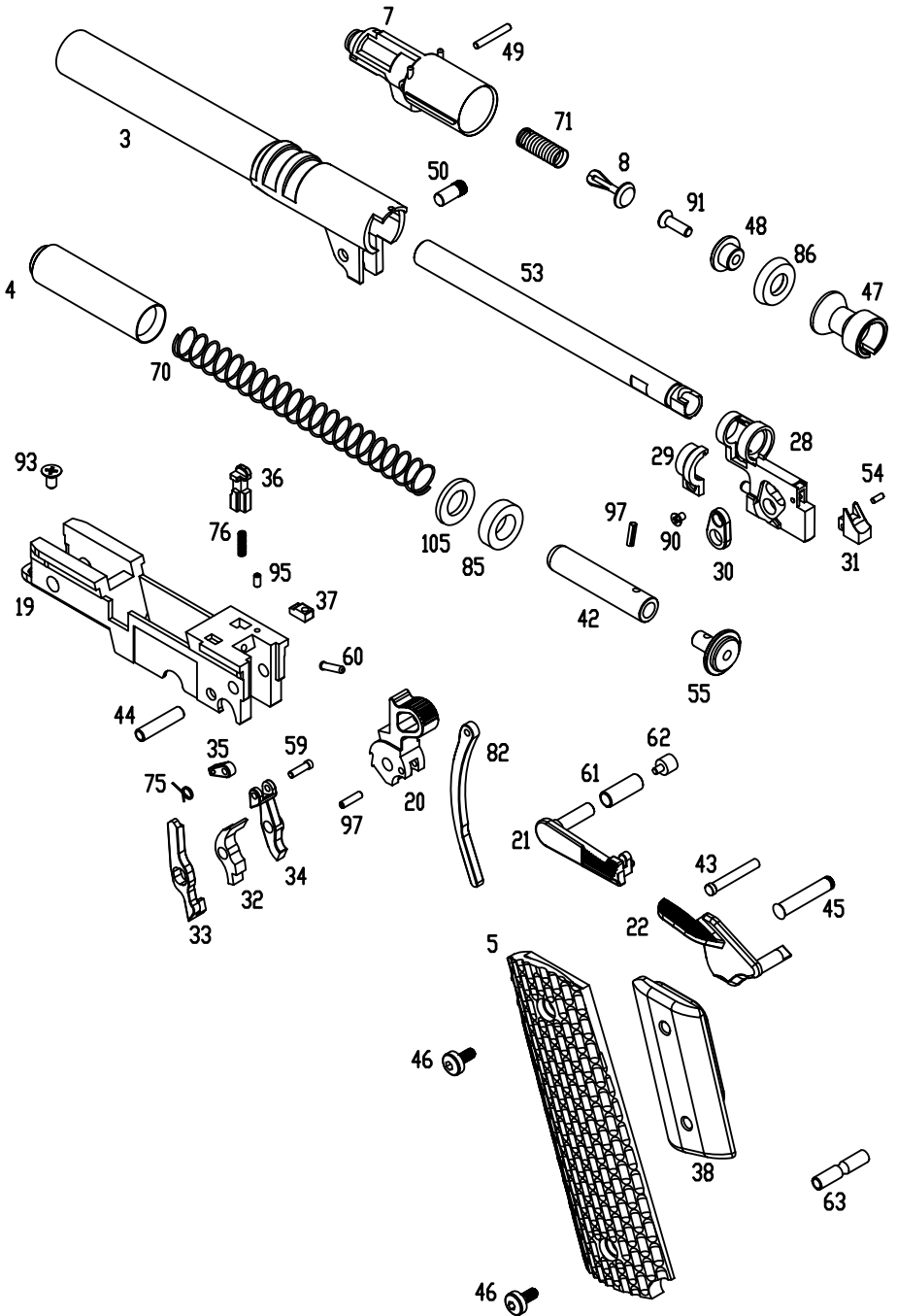
## 1911 MARK I PARTS LIST

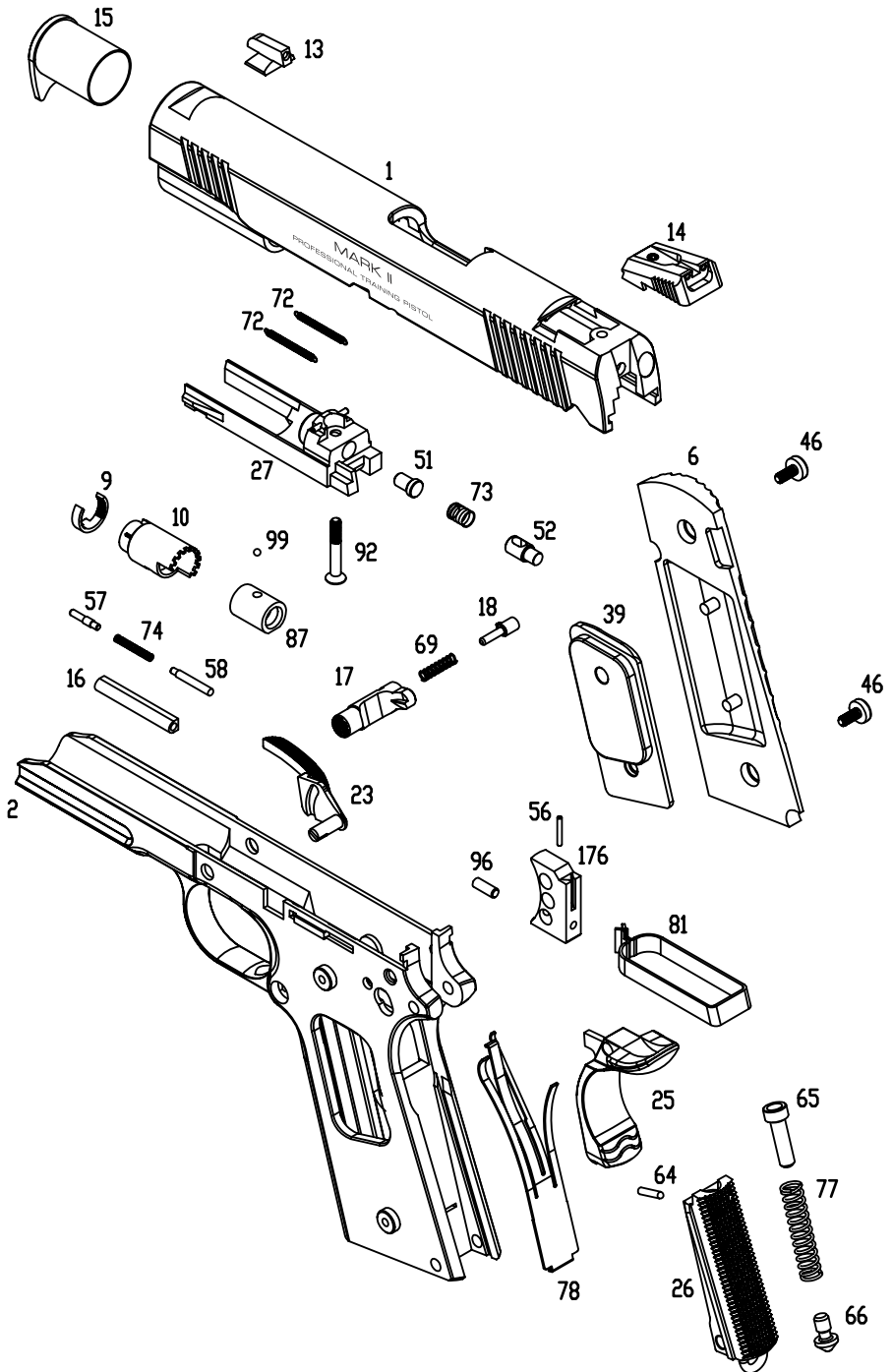
| Parts # | Description           |
|---------|-----------------------|
| MK I-3  | OUTER BARREL          |
| MK I-7  | CYLINDER              |
| MK I-8  | JET NOZZLE            |
| MK I-9  | HOP-UP CYLINDER CLAMP |
| MK I-10 | HOP-UP CYLINDER       |
| MK I-13 | FRONT SIGHT           |
| MK I-15 | BARREL BUSHING        |
| MK I-16 | PLUNGER TUBE          |
| MK I-17 | MAGAZINE CATCH        |
| MK I-18 | MAGAZINE CATCH LOCK   |
| MK I-19 | INNER FRAME BASE      |
| MK I-20 | HAMMER                |
| MK I-21 | SLIDE CATCH LEVER     |
| MK I-27 | BREECH BLOCK          |
| MK I-28 | INNER BARREL BASE     |
| MK I-29 | INNER BARREL LOCK     |
| MK I-30 | BARREL LINK           |
| MK I-31 | BB FEED RAMP          |
| MK I-32 | SEAR                  |
| MK I-33 | DISCONNECTOR          |
| MK I-34 | IMPACT FRAME          |
| MK I-35 | IMPACT BLOCK          |
| MK I-36 | IMPACT BLOCK LOCK     |
| MK I-37 | IMPACT BLOCK STOPPER  |
| MK I-38 | GRIP WEIGHT (LEFT)    |
| MK I-39 | GRIP WEIGHT (RIGHT)   |
| MK I-43 | SEAR PIN              |
| MK I-44 | SEAR SLEEVE           |
| MK I-46 | GRIP SCREWS X 4       |
| MK I-47 | MAIN SEAL BASE        |
| MK I-48 | MAIN SEAL CAP         |
| MK I-49 | JET NOZZLE PIN        |
| MK I-50 | BARREL LINK PIN       |
| MK I-51 | MAIN SEAL BASE SCREW  |
| MK I-52 | FIRING PIN            |
| MK I-53 | INNER BARREL          |

| Parts # | Description                        |
|---------|------------------------------------|
| MK I-54 | BB FEED RAMP PIN                   |
| MK I-55 | RECOIL SPRING GUIDE CAP            |
| MK I-56 | TRIGGER BAR LOCK PIN               |
| MK I-57 | SLIDE RELEASE LEVER<br>PLUNGER     |
| MK I-58 | SAFETY LEVER PLUNGER               |
| MK I-59 | IMPACT BLOCK PIN                   |
| MK I-60 | IMPACT PIN                         |
| MK I-61 | SLIDE RELEASE SLEEVE               |
| MK I-62 | SLIDE RELEASE CAP                  |
| MK I-63 | MAIN SPRING HOUSING PIN            |
| MK I-64 | MAIN SPRING RETAINER PIN           |
| MK I-65 | MAIN SPRING RETAINER               |
| MK I-66 | MAIN SPRING CATCH                  |
| MK I-69 | MAGAZINE CATCH SPRING              |
| MK I-70 | RECOIL SPRING                      |
| MK I-71 | JET NOZZLE SPRING                  |
| MK I-72 | CYLINDER SPRINGS X 2               |
| MK I-73 | FIRING PIN SPRING                  |
| MK I-74 | PLUNGER SPRING                     |
| MK I-75 | IMPACT BLOCK SPRING                |
| MK I-76 | IMPACT BLOCK LOCK<br>SPRING        |
| MK I-77 | MAIN SPRING                        |
| MK I-78 | SEAR SPRING                        |
| MK I-81 | TRIGGER BOW                        |
| MK I-82 | HAMMER STRUT                       |
| MK I-85 | RECOIL BUFFER                      |
| MK I-86 | MAIN SEAL                          |
| MK I-87 | HOP-UP BUCKING                     |
| MK I-90 | INNER BARREL LOCK SCREW            |
| MK I-91 | MAIN SEAL CAP SCREW                |
| MK I-92 | BREECH SCREW                       |
| MK I-93 | INNER FRAME SCREW                  |
| MK I-95 | IMPACT BLOCK LOCK<br>STOPPER SCREW |

| Parts #  | Description          |
|----------|----------------------|
| MK I-96  | TRIGGER SCREW        |
| MK I-97  | ROLL PINS X 2        |
| MK I-99  | HOP-UP BALL          |
| MK I-105 | RECOIL BUFFER WASHER |
| MK I-170 | FRAME                |
| MK I-171 | SLIDE                |
| MK I-172 | GRIP (LEFT)          |
| MK I-173 | GRIP (RIGHT)         |
| MK I-174 | REAR SIGHT           |
| MK I-176 | TRIGGER              |
| MK I-177 | SAFETY LEVER         |
| MK I-178 | MAIN SPRING HOUSING  |
| MK I-179 | RECOIL SPRING PLUG   |
| MK I-182 | RECOIL SPRING GUIDE  |
| MK I-408 | GRIP SAFETY          |
| MK I-420 | HAMMER PIN           |

1911 MARK II PARTS DIAGRAM





## 1911 MARK II PARTS LIST

| Parts #  | Description               |
|----------|---------------------------|
| MK II-1  | SLIDE                     |
| MK II-2  | MAIN FRAME                |
| MK II-3  | OUTER BARREL              |
| MK II-4  | FLAT RECOIL PLUG          |
| MK II-5  | WAFFLE GRIP (LEFT)        |
| MK II-6  | WAFFLE GRIP (RIGHT)       |
| MK II-7  | CYLINDER                  |
| MK II-8  | JET NOZZLE                |
| MK II-9  | HOP-UP CYLINDER CLAMP     |
| MK II-10 | HOP-UP CYLINDER           |
| MK II-13 | FRONT SIGHT               |
| MK II-14 | REAR SIGHT                |
| MK II-15 | BARREL BUSHING            |
| MK II-16 | PLUNGER TUBE              |
| MK II-17 | MAGAZINE CATCH            |
| MK II-18 | MAGAZINE CATCH LOCK       |
| MK II-19 | INNER FRAME BASE          |
| MK II-20 | HAMMER                    |
| MK II-21 | SLIDE CATCH LEVER         |
| MK II-22 | SAFETY LEVER (LEFT)       |
| MK II-23 | SAFETY LEVER (RIGHT)      |
| MK II-25 | GRIP SAFETY A             |
| MK II-26 | MAIN SPRING HOUSING       |
| MK II-27 | BREECH BLOCK              |
| MK II-28 | INNER BARREL BASE         |
| MK II-29 | INNER BARREL LOCK         |
| MK II-30 | BARREL LINK               |
| MK II-31 | BB FEED RAMP              |
| MK II-32 | SEAR                      |
| MK II-33 | DISCONNECTOR              |
| MK II-34 | IMPACT FRAME              |
| MK II-35 | IMPACT BLOCK              |
| MK II-36 | IMPACT BLOCK LOCK         |
| MK II-37 | IMPACT BLOCK LOCK STOPPER |
| MK II-38 | GRIP WEIGHT (LEFT)        |
| MK II-39 | GRIP WEIGHT (RIGHT)       |

| Parts #  | Description              |
|----------|--------------------------|
| MK II-42 | RECOIL SPRING GUIDE ROD  |
| MK II-43 | SEAR PIN                 |
| MK II-44 | SEAR SLEEVE              |
| MK II-45 | HAMMER PIN               |
| MK II-46 | GRIP SCREWS X 4          |
| MK II-47 | MAIN SEAL BASE           |
| MK II-48 | MAIN SEAL CAP            |
| MK II-49 | JET NOZZLE PIN           |
| MK II-50 | BARREL LINK PIN          |
| MK II-51 | MAIN SEAL BASE SCREW     |
| MK II-52 | FIRING PIN               |
| MK II-53 | INNER BARREL             |
| MK II-54 | BB FEED RAMP PIN         |
| MK II-55 | RECOIL SPRING GUIDE CAP  |
| MK II-56 | TRIGGER BAR LOCK PIN     |
| MK II-57 | SLIDE RELEASE LEVER      |
| MK II-58 | SAFETY LEVER PLUNGER     |
| MK II-59 | IMPACT BLOCK PIN         |
| MK II-60 | IMPACT PIN               |
| MK II-61 | SLIDE RELEASE SLEEVE     |
| MK II-62 | SLIDE RELEASE CAP        |
| MK II-63 | MAIN SPRING HOUSING PIN  |
| MK II-64 | MAIN SPRING RETAINER PIN |
| MK II-65 | MAIN SPRING RETAINER     |
| MK II-66 | MAIN SPRING CATCH        |
| MK II-69 | MAGAZINE CATCH SPRING    |
| MK II-70 | RECOIL SPRING            |
| MK II-71 | JET NOZZLE SPRING        |
| MK II-72 | CYLINDER SPRINGS X 2     |
| MK II-73 | FIRING PIN SPRING        |
| MK II-74 | PLUNGER SPRING           |
| MK II-75 | IMPACT BLOCK SPRING      |
| MK II-76 | IMPACT BLOCK LOCK SPRING |
| MK II-77 | MAIN SPRING              |
| MK II-78 | SEAR SPRING              |
| MK II-81 | TRIGGER BOW              |
| MK II-82 | HAMMER STRUT             |

| Parts #   | Description                     |
|-----------|---------------------------------|
| MK II-85  | RECOIL BUFFER                   |
| MK II-86  | MAIN SEAL                       |
| MK II-87  | HOP-UP BUCKING                  |
| MK II-90  | INNER BARREL LOCK SCREW         |
| MK II-91  | MAIN SEAL CAP SCREW             |
| MK II-92  | BREECH SCREW                    |
| MK II-93  | INNER FRAME BASE SCREW          |
| MK II-95  | IMPACT BLOCK LOCK STOPPER SCREW |
| MK II-96  | TRIGGER SCREW                   |
| MK II-97  | ROLL PINS X 2                   |
| MK II-99  | HOP-UP BALL                     |
| MK II-105 | RECOIL BUFFER WASHER            |
| MK II-176 | TRIGGER                         |







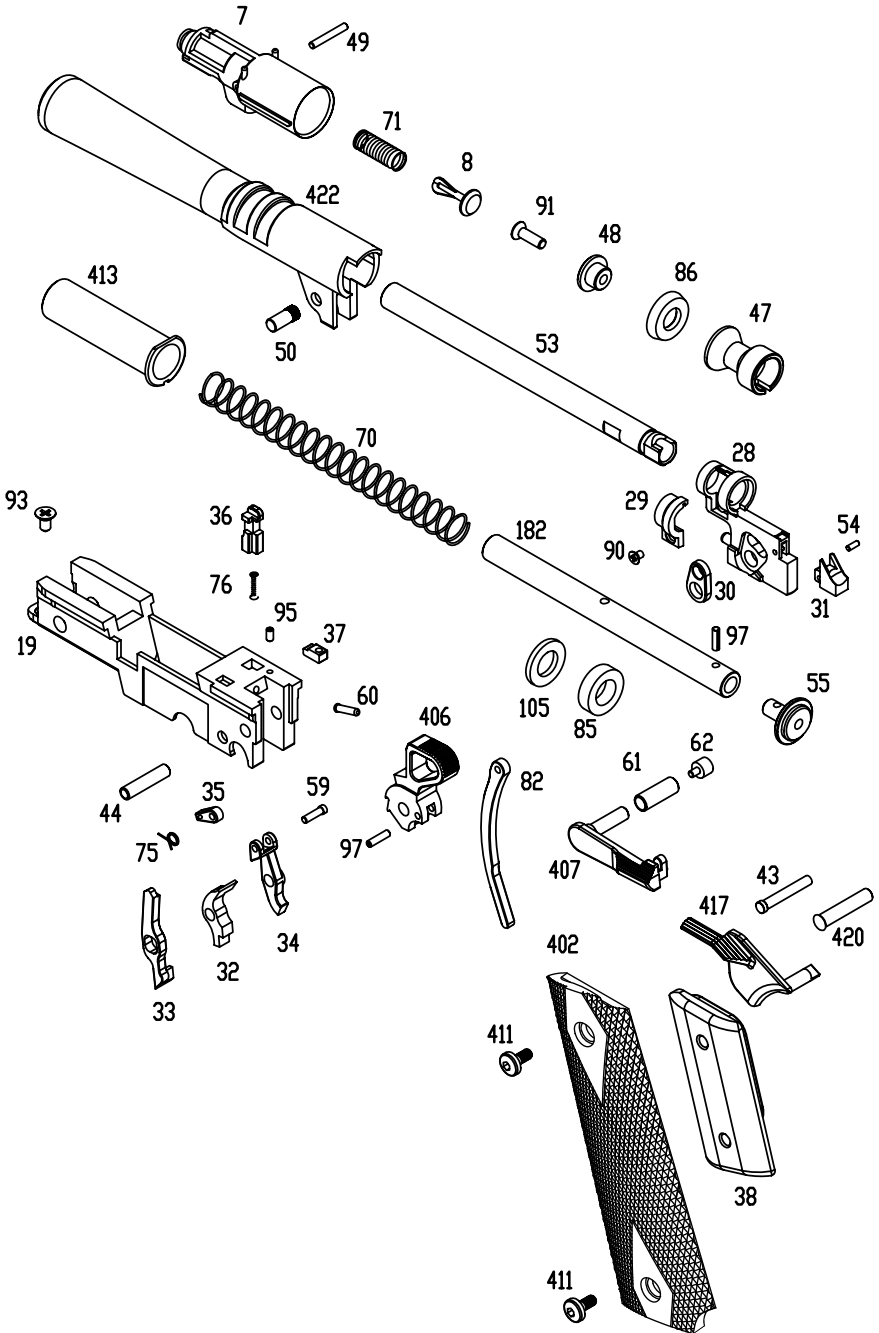
## 1911 MARK III PARTS LIST

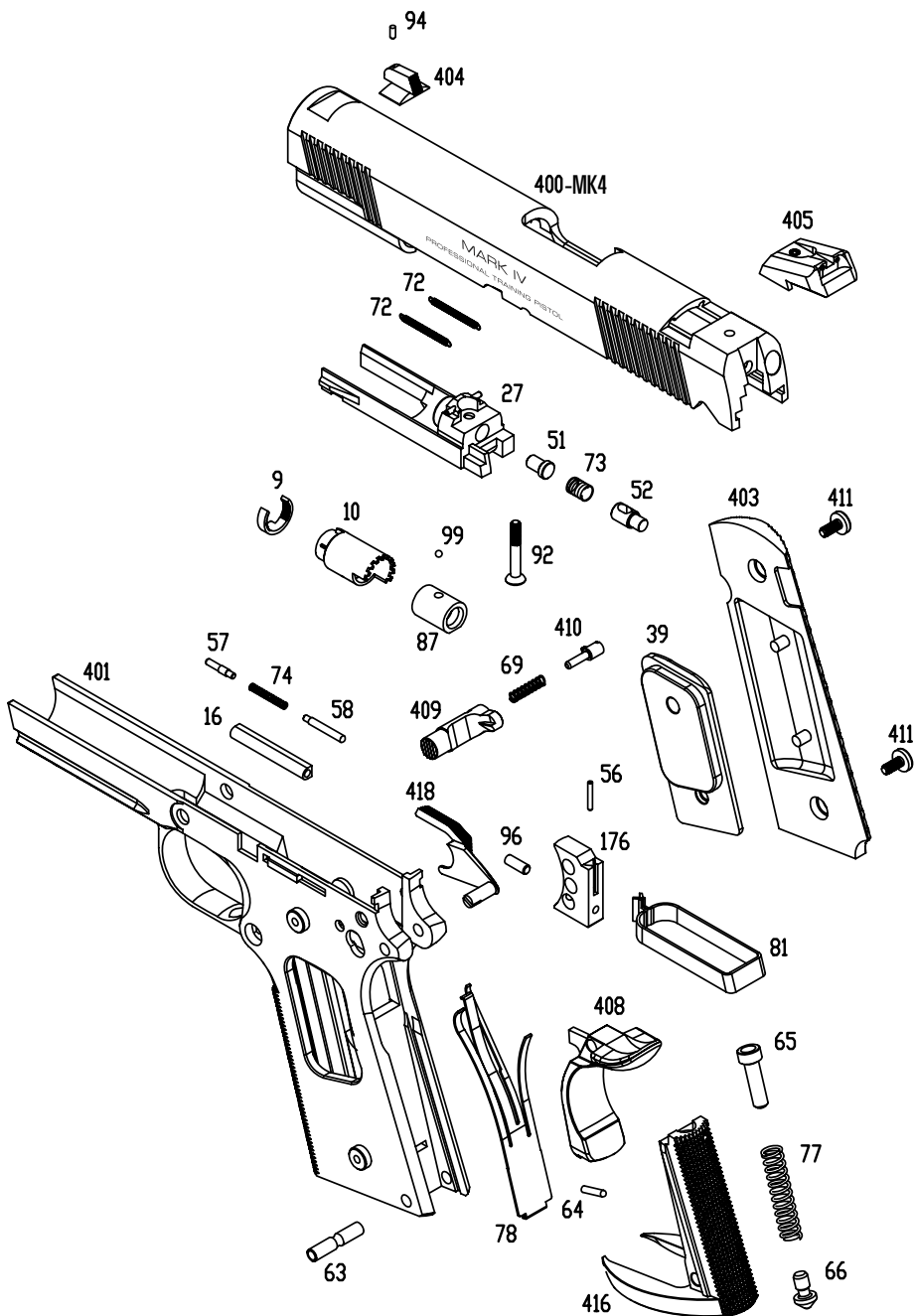
| Parts #   | Description                 |
|-----------|-----------------------------|
| MK III-7  | CYLINDER                    |
| MK III-8  | JET NOZZLE                  |
| MK III-9  | HOP-UP CYLINDER CLAMP       |
| MK III-10 | HOP-UP CYLINDER             |
| MK III-16 | PLUNGER TUBE                |
| MK III-19 | INNER FRAME BASE            |
| MK III-27 | BREECH BLOCK                |
| MK III-28 | INNER BARREL BASE           |
| MK III-29 | INNER BARREL BASE LOCK      |
| MK III-30 | BARREL LINK                 |
| MK III-31 | BB FEED RAMP                |
| MK III-32 | SEAR                        |
| MK III-33 | DISCONNECTOR                |
| MK III-34 | IMPACT FRAME                |
| MK III-35 | IMPACT BLOCK                |
| MK III-36 | IMPACT BLOCK LOCK           |
| MK III-37 | IMPACT BLOCK LOCK STOPPER   |
| MK III-38 | GRIP WEIGHT (LEFT)          |
| MK III-39 | GRIP WEIGHT (RIGHT)         |
| MK III-43 | SEAR PIN                    |
| MK III-44 | SEAR SLEEVE                 |
| MK III-47 | MAIN SEAL BASE              |
| MK III-48 | MAIN SEAL CAP               |
| MK III-49 | JET NOZZLE PIN              |
| MK III-50 | BARREL LINK PIN             |
| MK III-51 | MAIN SEAL BASE SCREW        |
| MK III-52 | FIRING PIN                  |
| MK III-53 | INNER BARREL                |
| MK III-54 | BB FEED RAMP PIN            |
| MK III-55 | RECOIL SPRING GUIDE CAP     |
| MK III-56 | TRIGGER BAR LOCK PIN        |
| MK III-57 | SLIDE RELEASE LEVER PLUNGER |
| MK III-58 | SAFETY LEVER PLUNGER        |
| MK III-59 | IMPACT BLOCK PIN            |
| MK III-60 | IMPACT PIN                  |
| MK III-61 | SLIDE RELEASE SLEEVE        |

| Parts #        | Description                     |
|----------------|---------------------------------|
| MK III-62      | SLIDE RELEASE CAP               |
| MK III-63      | MAIN SPRING HOUSING PIN         |
| MK III-64      | MAIN SPRING RETAINER PIN        |
| MK III-65      | MAIN SPRING RETAINER            |
| MK III-66      | MAIN SPRING CATCH               |
| MK III-69      | MAGAZINE CATCH SPRING           |
| MK III-70      | RECOIL SPRING                   |
| MK III-71      | JET NOZZLE SPRING               |
| MK III-72      | CYLINDER SPRINGS X 2            |
| MK III-73      | FIRING PIN SPRING               |
| MK III-74      | PLUNGER SPRING                  |
| MK III-75      | IMPACT BLOCK SPRING             |
| MK III-76      | IMPACT BLOCK LOCK SPRING        |
| MK III-77      | MAIN SPRING                     |
| MK III-78      | SEAR SPRING                     |
| MK III-81      | TRIGGER BOW                     |
| MK III-82      | HAMMER STRUT                    |
| MK III-85      | RECOIL BUFFER                   |
| MK III-86      | MAIN SEAL                       |
| MK III-87      | HOP-UP BUCKING                  |
| MK III-90      | INNER BARREL CLAMP SCREW        |
| MK III-91      | MAIN SEAL CAP SCREW             |
| MK III-92      | BREECH SCREW                    |
| MK III-93      | INNER FRAME BASE SCREW          |
| MK III-94      | FRONT SIGHT SCREW               |
| MK III-95      | IMPACT BLOCK LOCK STOPPER SCREW |
| MK III-96      | TRIGGER SCREW                   |
| MK III-97      | ROLL PINS X 2                   |
| MK III-99      | HOP-UP BALL                     |
| MK III-105     | RECOIL BUFFER WASHER            |
| MK III-176     | TRIGGER                         |
| MK III-182     | RECOIL SPRING GUIDE ROD         |
| MK III-399     | FRAME                           |
| MK III-400-MK3 | SLIDE                           |

| Parts #    | Description          |
|------------|----------------------|
| MK III-402 | GRIP (LEFT)          |
| MK III-403 | GRIP (RIGHT)         |
| MK III-404 | FRONT SIGHT          |
| MK III-405 | REAR SIGHT           |
| MK III-406 | DELTA HAMMER         |
| MK III-407 | SLIDE RELEASE LEVER  |
| MK III-408 | GRIP SAFETY          |
| MK III-409 | MAGAZINE CATCH       |
| MK III-410 | MAGAZINE CATCH LOCK  |
| MK III-411 | GRIP SCREWS X 4      |
| MK III-413 | RECOIL PLUG          |
| MK III-416 | MAIN SPRING HOUSING  |
| MK III-417 | SAFETY LEVER (LEFT)  |
| MK III-418 | SAFETY LEVER (RIGHT) |
| MK III-420 | HAMMER PIN           |
| MK III-422 | OUTER BARREL         |

1911 MARK IV PARTS DIAGRAM





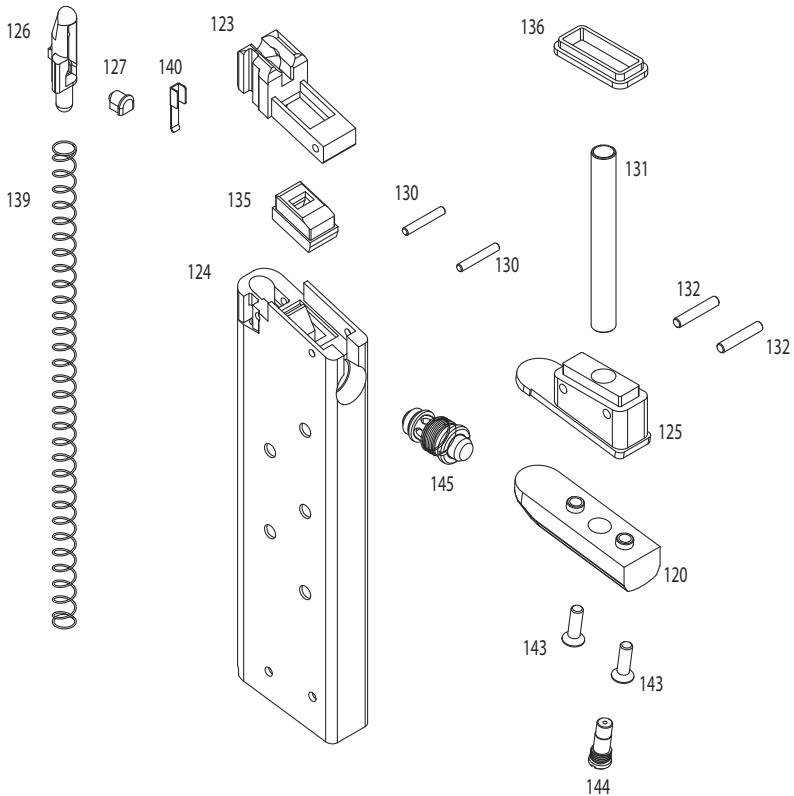
## 1911 MARK IV PARTS LIST

| Parts #  | Description                 |
|----------|-----------------------------|
| MK IV-7  | CYLINDER                    |
| MK IV-8  | JET NOZZLE                  |
| MK IV-9  | HOP-UP CYLINDER CLAMP       |
| MK IV-10 | HOP-UP CYLINDER             |
| MK IV-16 | PLUNGER TUBE                |
| MK IV-19 | INNER FRAME BASE            |
| MK IV-27 | BREECH BLOCK                |
| MK IV-28 | INNER BARREL BASE           |
| MK IV-29 | INNER BARREL LOCK           |
| MK IV-30 | BARREL LINK                 |
| MK IV-31 | BB FEED RAMP                |
| MK IV-32 | SEAR                        |
| MK IV-33 | DISCONNECTOR                |
| MK IV-34 | IMPACT FRAME                |
| MK IV-35 | IMPACT BLOCK                |
| MK IV-36 | IMPACT BLOCK LOCK           |
| MK IV-37 | IMPACT BLOCK LOCK STOPPER   |
| MK IV-38 | GRIP WEIGHT (LEFT)          |
| MK IV-39 | GRIP WEIGHT (RIGHT)         |
| MK IV-43 | SEAR PIN                    |
| MK IV-44 | SEAR SLEEVE                 |
| MK IV-47 | MAIN SEAL BASE              |
| MK IV-48 | MAIN SEAL CAP               |
| MK IV-49 | JET NOZZLE PIN              |
| MK IV-50 | BARREL LINK PIN             |
| MK IV-51 | MAIN SEAL BASE SCREW        |
| MK IV-52 | FIRING PIN                  |
| MK IV-53 | INNER BARREL                |
| MK IV-54 | BB FEED RAMP PIN            |
| MK IV-55 | RECOIL SPRING GUIDE CAP     |
| MK IV-56 | TRIGGER BAR LOCK PIN        |
| MK IV-57 | SLIDE RELEASE LEVER PLUNGER |
| MK IV-58 | SAFETY LEVER PLUNGER        |
| MK IV-59 | IMPACT BLOCK PIN            |
| MK IV-60 | IMPACT PIN                  |

| Parts #       | Description                |
|---------------|----------------------------|
| MK IV-61      | SLIDE RELEASE SLEEVE       |
| MK IV-62      | SLIDE RELEASE CAP          |
| MK IV-63      | MAIN SPRING HOUSING PIN    |
| MK IV-64      | MAIN SPRING RETAINER PIN   |
| MK IV-65      | MAIN SPRING RETAINER       |
| MK IV-66      | MAIN SPRING CATCH          |
| MK IV-69      | MAGAZINE CATCH SPRING      |
| MK IV-70      | RECOIL SPRING              |
| MK IV-71      | JET NOZZLE SPRING          |
| MK IV-72      | CYLINDER SPRINGS X 2       |
| MK IV-73      | FIRING PIN SPRING          |
| MK IV-74      | PLUNGER SPRING             |
| MK IV-75      | IMPACT BLOCK SPRING        |
| MK IV-76      | IMPACT BLOCK LOCK SPRING   |
| MK IV-77      | MAIN SPRING                |
| MK IV-78      | SEAR SPRING                |
| MK IV-81      | TRIGGER BOW                |
| MK IV-82      | HAMMER STRUT               |
| MK IV-85      | RECOIL BUFFER              |
| MK IV-86      | MAIN SEAL                  |
| MK IV-87      | HOP-UP BUCKING             |
| MK IV-90      | INNER BARREL CLAMP SCREW   |
| MK IV-91      | MAIN SEAL CAP SCREW        |
| MK IV-92      | BREECH SCREW               |
| MK IV-93      | INNER FRAME SCREW          |
| MK IV-94      | FRONT SIGHT SCREW          |
| MK IV-95      | IMPACT BLOCK STOPPER SCREW |
| MK IV-96      | TRIGGER SCREW              |
| MK IV-97      | ROLL PINS X 2              |
| MK IV-99      | HOP-UP BALL                |
| MK IV-105     | RECOIL BUFFER WASHER       |
| MK IV-176     | TRIGGER                    |
| MK IV-182     | RECOIL SPRING GUIDE ROD    |
| MK IV 400-MK4 | SLIDE                      |
| MK IV-401     | RAIL FRAME                 |

| Parts #   | Description          |
|-----------|----------------------|
| MK IV-402 | GRIP (LEFT)          |
| MK IV-403 | GRIP (RIGHT)         |
| MK IV-404 | FRONT SIGHT          |
| MK IV-405 | REAR SIGHT           |
| MK IV-406 | DELTA HAMMER         |
| MK IV-407 | SLIDE RELEASE LEVER  |
| MK IV-408 | GRIP SAFETY          |
| MK IV-409 | MAGAZINE CATCH       |
| MK IV-410 | MAGAZINE CATCH LOCK  |
| MK IV-411 | GRIP SCREWS X 4      |
| MK IV-413 | RECOIL PLUG          |
| MK IV-416 | MAIN SPRING HOUSING  |
| MK IV-417 | SAFETY LEVER (LEFT)  |
| MK IV-418 | SAFETY LEVER (RIGHT) |
| MK IV-420 | HAMMER PIN           |
| MK IV-422 | OUTER BARREL         |

# 1911 MARK SERIES MAGAZINE DIAGRAM AND PARTS LIST



| Parts #           | Description             |
|-------------------|-------------------------|
| 1911MK SERIES-120 | Magazine Bumper         |
| 1911MK SERIES-123 | Magazine Lip            |
| 1911MK SERIES-124 | Magazine Case           |
| 1911MK SERIES-125 | Magazine Base           |
| 1911MK SERIES-126 | Magazine Follower       |
| 1911MK SERIES-127 | Magazine Follower Lock  |
| 1911MK SERIES-130 | Magazine Lip Pins X 2   |
| 1911MK SERIES-131 | Magazine Expansion Tube |

| Parts #           | Description                   |
|-------------------|-------------------------------|
| 1911MK SERIES-132 | Magazine Base Pins X 2        |
| 1911MK SERIES-135 | Magazine Nozzle Seal          |
| 1911MK SERIES-136 | Magazine Seal                 |
| 1911MK SERIES-139 | Magazine Follower Spring      |
| 1911MK SERIES-140 | Magazine Follower Lock Spring |
| 1911MK SERIES-143 | Magazine Bumper Screws X 2    |
| 1911MK SERIES-144 | Magazine Charging Valve       |
| 1911MK SERIES-145 | Magazine Release Valve        |

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