



Performance Industries

# OPERATION Manual.

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## Use Of **This Manual**

Before operating your KWA Airsoft gun, read this manual in its entirety. Important safety topics and tips are discussed throughout all the chapters. It's essential that the operator understands the principles of gun handling, safety, and operation before firing the Airsoft gun.

## Safety **Guidelines**

### **Safety distance**

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

### **Eye protection**

Eye protection is crucial when operating your Airsoft gun. Always wear eye protection to protect your eyes from BBs, both during gameplay and while performing maintenance. Ensuring proper eye safety is essential to prevent injuries from BBs when in use.

### **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.

### **Beware of barrel obstructions**

Ensure the Airsoft gun barrel is free of obstructions before you fire the gun. Even the smallest obstruction such as dirt, dust, or a stuck cleaning patch can cause a jam, 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.



### **WARNING:**

Airsoft BBs can be a choking hazard. Keep them away from children. Failure to follow safety guidelines may result in serious injury.

**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.

**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.

**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, and make it unsafe to shoot.

**Store your gun safely**

Always store the Airsoft gun in a safe place, and out of 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.

**WARNING:**

When the pistol is not in use, always store your gun in a safe location.



**Orange tip**

The orange tip on Airsoft guns helps Law Enforcement distinguish 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 KWA Airsoft Gun is well-engineered and manufactured to the highest standards. It was carefully inspected before it was packaged and shipped from our factory. Like many other devices, your Airsoft gun is safe unless handled in an irresponsible or uneducated manner.

**WARNING:**

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

## Charging Gas

- 01 Release the magazine by pressing the magazine catch button.
- 02 Inspect the magazine for any cracks or damage.
- 03 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).
- 04 Charge the magazine until gas overflows from the charging valve (approximately 20 seconds).



**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 is not exposed to eyes or skin while being released, as any contact will cause cold burns.



### WARNING:

Always use high quality 6mm BBs, weighing 0.2g or heavier. For best results use 0.25g KWA perfect BBs. Never use recycled or low grade BBs to prevent damage to your gun.

## Loading BBs

01 Pull the magazine follower down until it locks.

02 Insert bbs into the top magazine lip.  
**NOTE:** This magazine is featured with front load option as well. You can also load the bb from the front of the magazine.

03 Make sure to have a 3mm clearance between bbs and the top lip of the magazine.

04 Push the magazine follower lock to release.



## Loading Magazine

01 Place the magazine back into the magazine well.

02 Push the magazine up until it clicks into a locked position.

03 Pull on the magazine to assure that it is locked in place.



## Loading Chamber

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



## Shooting

- 01 Make sure the gun is cocked.
- 02 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.
- 03 Squeeze the trigger. The blow back action will load the remaining BBs automatically as the slide cycles back and forth.
- 04 The slide will lock back in the open position when the last BB is fired.



## Hop Up Adjustment

01 Test fire the gun for 10 to 20 rounds and observe the BB's Traveling pattern.

02 Press down the magazine release to remove magazine.

03 Follow the "Disassembly Page" (Page 11) to remove slide (Step 4).





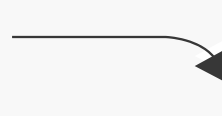

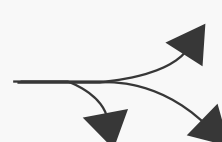
04 Adjust the hop up dial ¼ inch at a time.



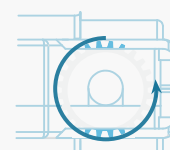
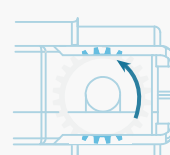
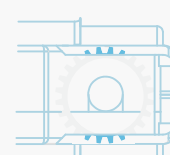
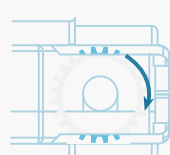
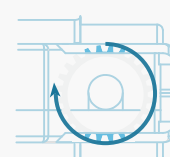
05 If the BB's are dropping too quickly, adjust the dial following the chart below.

## Hop Up Adjustment Chart

### BB TRAJECTORY PATTERN

-  BB DROPS FREELY
-  BB TRAVELS AT SHORT TRAJECTORY PATH
-  BB TRAVELS DISTANCE AT FLAT TRAJECTORY PATH
-  BB TRAVELS FLAT IN SHORT DISTANCE, THEN GOES UP IN CURVE AND DROPS FREELY
-  BB TRAVELS AT UNSTABLE SPEED AND IRREGULAR PATH

### ADJUSTMENTS

-  TURN DIAL COUNTER-CLOCKWISE
-  TURN DIAL SLIGHTLY TO LEFT
-  NO ADJUSTMENT MADE
-  TURN DIAL SLIGHTLY TO RIGHT
-  TURN DIAL CLOCKWISE

## Open Slide

The slide will remain open after the last BB has been fired.

Remove the empty magazine and replace it with a loaded magazine before releasing the slide catch lever.

The first BB will automatically load into the chamber.



## After Shooting

After you are finished shooting, remove the magazine and visually examine the opened chamber to check for clearance. Make sure both the magazine and the chamber are clear, then release the slide.





## Disassembly

01 Press down the magazine release to remove magazine.

02 Rack the slide backward to reset the trigger into “cock” position.

03 Press the take down lever from the right side of the frame, until you hear a “click” sound.



04 Turn the take down lever from the left side of the frame clockwise 90 degrees.



05 Push the slide forward away from the frame.



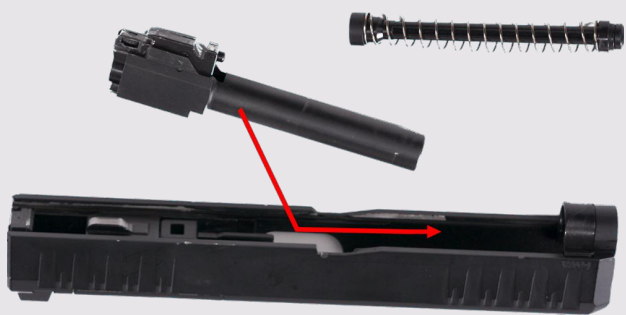
06 Remove the guide rod and the spring.



07 Slide the barrel assembly out from the slide.

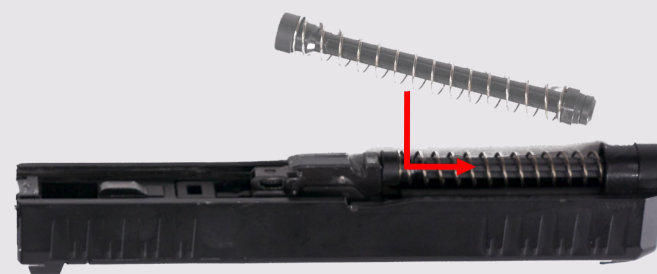


## Assembly



1

01 Slide the barrel assembly back to the slide.



2

02 Install the guide rod and spring back into position.



3

03 Put the assembled slide onto the frame making sure it aligns with the rail, then glide the slide toward the rear of the gun.

04 Turn the take down lever counter clockwise 90 degrees, back to the original position.

05 Push the take down lever toward the right side of the frame until a click sound.

## Optic Plate



01 Unscrew both screws from the top of the cover plate to remove the cover plate.



02 Once the cover is removed, place the optic adaptor plate (included in the box) onto the same spot and align with the screwing point.

03 Use the two previous screws to tighten it down, making sure the optic adaptor plate is secured.

04 Place your choice of optic, making sure the optic is secured onto the plate.

\*\* KWA Optic adaptor plate is design to fit C-more RTS/STS, Burris, Trijicon RMR pattern\*\*



## Removing Trigger Group Unit

01 Press down the magazine release to remove magazine.

02 Rack the slide backward to reset the trigger into “cock” position.

03 Press the take down lever from the right side of the frame, until you hear a “click” sound.



2



4

04 Turn the take down lever from the left side of the frame clockwise 90 degrees.



5

05 Push the slide forward away from the frame.



6

06 Turn the take down lever counter clockwise 90 degrees, back to the original position.



7

07 Then directly pull the take down lever from the left side of the frame.

08 Slowly pull the Trigger group unit upward.

\*Tip: Firmly grab both sides of trigger to push up and loosen the trigger group unit from the frame

\* **Warning:** Pay attention to the Lock in spring, it will easily drop while removing the Trigger group unit\*



\* **Warning:** Pay attention to the Lock in spring, it will easily drop while removing the Trigger group unit\*



\* **Warning:** Handle the reset spring with care. It can easily be dislodged and may not remain flush

## Installing Trigger Group Unit

01 Make sure there are no missing parts from the trigger group unit. Then put the trigger group unit back to the frame.

02 Make sure the trigger group unit is installed firmly into the frame.

03 Install the take down lever back to the frame from the left side.

04 Turn the take down lever clockwise 90 degrees.

05 Put the assembled slide onto the frame and glide it toward the rear of the gun.

06 Turn the take down lever counter clockwise 90 degrees, then push the take down lever toward the right side of the frame until a click sound.



## 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 your KWA products were purchased. It's also available at **store.kwausa.com** Using any other type of lubricant may damage the products.

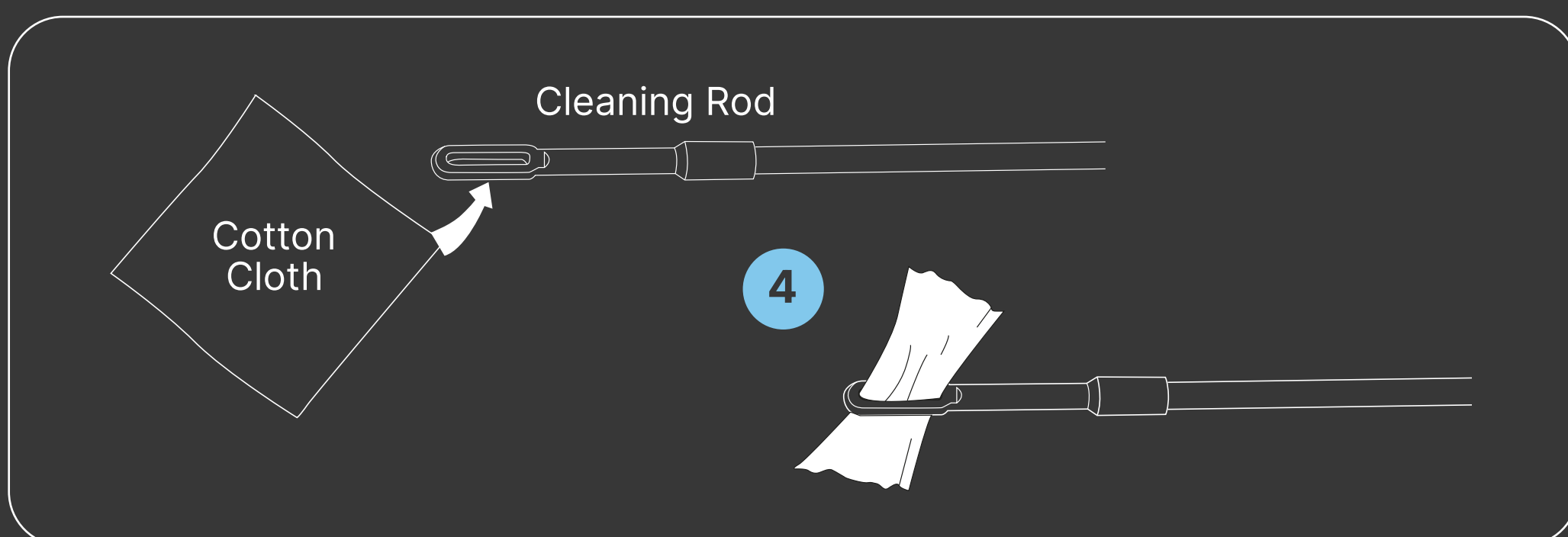
Lightly lubricate the recoil spring, cylinder, and moving parts with a few drops of oil. Lubricating the seals and O-rings are essential. Unload BBs from the magazine. Make sure the magazine is free of gas before lubricating the magazine's charging valve and release valve.

## CLEANING

The Airsoft gun inner barrel should be cleaned after each shooting session. Regular cleaning prevents damage that can be caused by excess oil, dirt, BB residue, and debris buildup.

### Cleaning Procedure

1. Remove the magazine and clear the chamber of loaded BBs.
2. Disable Hop-Up by dialing to the OFF Position (see Hop-Up Section on page 9).
3. Disassemble the receiver (see Disassembly section on page 11).
4. Steps to use cleaning rod:
  - a. Cut a piece of clean cotton cloth to 1 inch by 0.5 inch size. Insert one end of the cloth into the hole in the cleaning rod (adjust the length of cloth for smooth entry into the barrel).
  - b. Wind the cloth around the cleaning rod.
  - c. Insert the cleaning rod into the inner barrel, and push the rod through.
  - d. Remove the cleaning rod and check the cotton cloth for dirt. Repeat steps 4a-4c when necessary.



**WARNING:** Unload and clear the Airsoft gun before cleaning.  
DO NOT use spray silicone oil as a cleaning solution for the inner barrel.











## Download Diagrams and Support Information

You can download the diagram of the ATP GT and find all other support information on the **KWA website**.

## Maintenance and Use Supplies

You can find all items used in this manual and more on our website, including gas, BBs, and silicone oil.



## Video Instructions

For a video version of these instructions, **scan the QR code below**

