

# KWA<sup>®</sup>

## OPERATOR'S MANUAL



UNIVERSO SNIPER  
AIRSOFT

## KMP9 NS2 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 silicone spray and BBs under spring 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 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.

### 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.

## WARRANTY AND SERVICE

KWA Performance Industries, Inc. is committed to serve our customers with the finest quality products, the highest level of service, and customer satisfaction. Because of this, we offer a 45-day warranty on all KWA products we import and distribute.

### What is Covered

Except as specified below, this warranty covers all defects in material and workmanship in KWA products occurring during the above warranty periods. The following are not covered by the warranty: (1) Any product which is not imported and distributed in the U.S.A. by KWA PERFORMANCE INDUSTRIES, INC. (2) Any products not purchased in the U.S.A. from an KWA AUTHORIZED RESELLER (Note: KWA AUTHORIZED RESELLER can be identified by KWA AUTHORIZED RESELLER sticker displayed in the store. If you are uncertain as to whether a dealer is a KWA AUTHORIZED RESELLER, please contact KWA PERFORMANCE INDUSTRIES, INC. as listed above). (3) Damaged deterioration or malfunction resulting from: a) Accident, act of nature, abuse, misuse, neglect, unauthorized product repair, opening of or modification or failure to follow instructions supplied with the product. b) Repair or attempted repair by anyone not authorized by KWA PERFORMANCE INDUSTRIES, INC. c) Removal of the orange safety tip. (4) Use of the product outside the U.S.A. (5) Damaged batteries or improper use of bullets (BBs), or non approved propellants (i.e. Propane, Red Gas, 134a...etc.) (6) Use in industrial, commercial, and/or professional applications.

### What KWA Will Pay For

If during the applicable warranty period from the date of the original purchase your KWA product is found to be defective by KWA Performance Industries, Inc., KWA Performance Industries, Inc. will repair, or at its option, replace with new, used, or equivalent model, the defective product without charge for parts or labor.

### How To Obtain Warranty Service

If your product needs service, it may be taken or shipped to KWA Performance Industries, Inc. The following procedures apply whenever your unit must be transported for warranty service:

- You must go to Help Desk at [www.kwausa.com/support](http://www.kwausa.com/support) to obtain an RMA number. THE RMA NUMBER MUST BE CLEARLY MARKED ON THE OUTSIDE OF THE PACKAGE. PACKAGES WITHOUT AN RMA NUMBER CLEARLY MARKED WILL BE REFUSED AND RETURNED TO THE SENDER.
- You are responsible for transporting your unit or arranging for its transportation.
- If shipment of your unit is required; you must pay the initial shipping fee, but we will pay the return shipping charge if the repairs are covered by the warranty.
- WHEN RETURNING YOUR UNIT FOR WARRANTY SERVICE, A COPY OF THE ORIGINAL SALES RECEIPT MUST BE ATTACHED.
- You must include the following: RMA number, your name, address, daytime telephone number, model and serial number (if applicable) of the product and a description of the problem.



**NOTE:** THE RMA NUMBER MUST BE CLEARLY MARKED ON THE OUTSIDE OF THE PACKAGE. PACKAGES WITHOUT AN RMA NUMBER CLEARLY MARKED WILL BE REFUSED AND RETURNED TO SENDER. NO EXCEPTIONS.

**This Warranty is Only Valid in the United States**

If your product does not require service, but you have questions regarding its operation, please contact our Technical Services Department as listed below.

THIS WARRANTY IS EXPRESSLY MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

OUR LIABILITY IS LIMITED TO THE REPAIR OR REPLACEMENT, AT OUR OPTION, OF ANY DEFECTIVE PRODUCT AND SHALL IN NO EVENT INCLUDE INCIDENTAL OR CONSEQUENTIAL COMMERCIAL OR PROPERTY DAMAGES OF ANY KIND. WE ARE NOT RESPONSIBLE FOR PRODUCTS LOST, STOLEN AND/OR DAMAGED DURING SHIPPING.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AND IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights, but you may also have other rights which vary from state to state. This Warranty may not be altered other than in writing signed by an officer of KWA Performance Industries, Inc.

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## SPECIFICATIONS

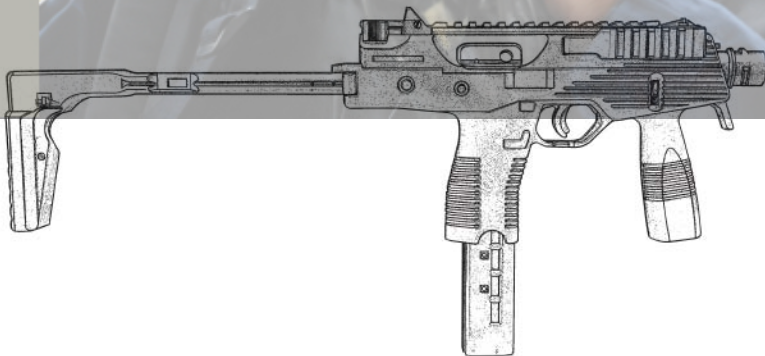
### KMP9

- Overall Length [Retracted] = 31 cm (12.2")
- Overall Length [Extended] = 53 cm (20.87")
- Overall Height = 26 cm (10.24")
- Inner Barrel Length = 140 mm
- Inner Barrel Diameter = 6.05 mm
- Weight = 1.74 kg (3.84 lbs)
- Caliber = 6 mm
- Magazine Capacity = 48 rounds
- Rate of Fire = 20+ RPS
- Velocity = 110-116 MPS (360-380 FPS)
- Energy Output with .20g BB = 1.2 Joules
- Gas System = FV

### Special Features:

- Folding Stock
- MIL-SPEC-1913 (Picatinny) side and top rails
- Trigger Safety
- Integrated Fore-grip
- Realistic construction and field stripping
- Adjustable Hop-Up
- Functional cocking handle with realistic bolt movements
- Semi and Full auto

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



## SPECIFICATIONS

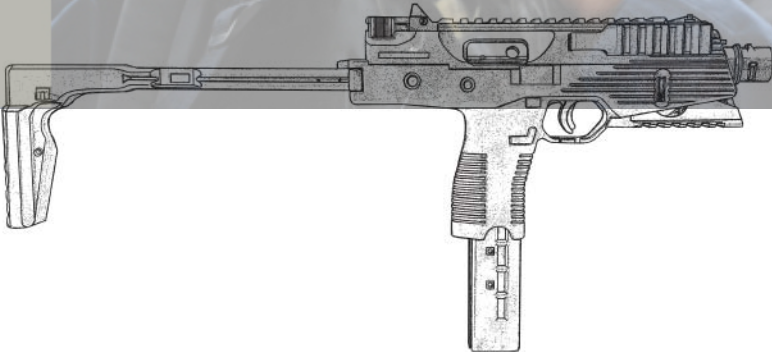
### KMP9R

- Overall Length [Retracted] = 31 cm (12.2")
- Overall Length [Extended] = 53 cm (20.87")
- Overall Height = 26 cm (10.24")
- Inner Barrel Length = 140 mm
- Inner Barrel Diameter = 6.05 mm
- Weight = 1.77 kg (3.90 lbs)
- Caliber = 6 mm
- Magazine Capacity = 48 rounds
- Rate of Fire = 20+ RPS
- Velocity = 110~116 MPS (360~380 FPS)
- Energy Output with .20g BB = 1.2 Joules
- Gas System = FV

### Special Features:

- Folding Stock
- MIL-SPEC-1913 (Picatinny) side, top and bottom rails
- Trigger Safety
- Realistic construction and field stripping
- Adjustable Hop-Up
- Functional cocking handle with realistic bolt movements
- Semi and Full auto

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





## CONTENTS

### Product Package Contents

- 1 KMP9 / KMP9R NS2 Airsoft Gun
- 1 Bottle of Silicon Oil
- 1 Hi-Cap Magazine
- 1 Sample Bag of Airsoft BBs
- 1 Hop-Up Adjustment Tool
- 1 Operator's Manual

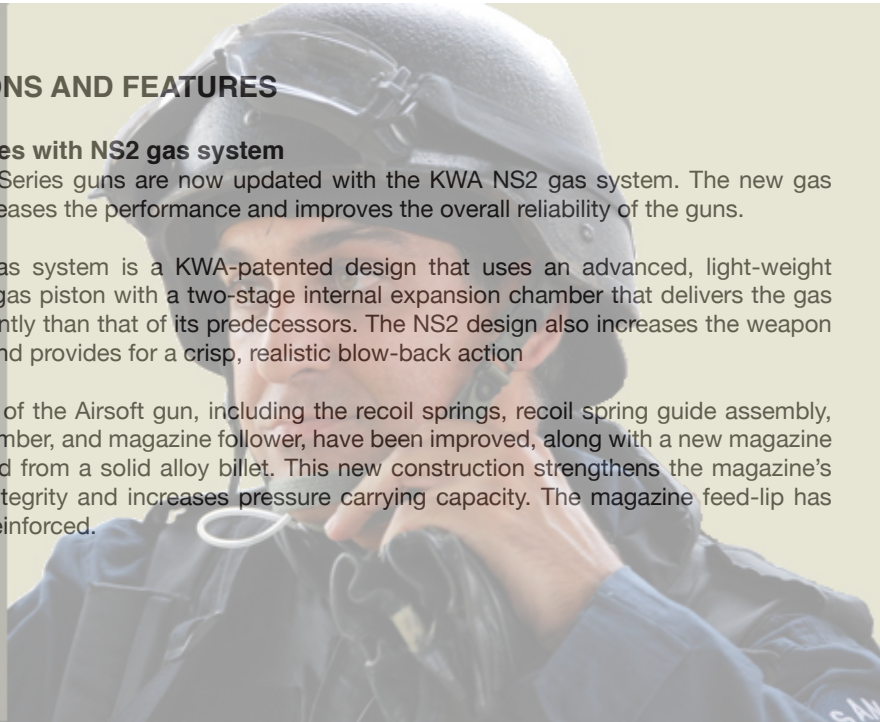
## FUNCTIONS AND FEATURES

### KMP9 Series with NS2 gas system

The KMP9 Series guns are now updated with the KWA NS2 gas system. The new gas system increases the performance and improves the overall reliability of the guns.

The NS2 gas system is a KWA-patented design that uses an advanced, light-weight composite gas piston with a two-stage internal expansion chamber that delivers the gas more efficiently than that of its predecessors. The NS2 design also increases the weapon cycle rate and provides for a crisp, realistic blow-back action

Other parts of the Airsoft gun, including the recoil springs, recoil spring guide assembly, hop-up chamber, and magazine follower, have been improved, along with a new magazine that is milled from a solid alloy billet. This new construction strengthens the magazine's structural integrity and increases pressure carrying capacity. The magazine feed-lip has also been reinforced.



## CHARGING GAS

1. Release magazine by pressing the magazine release button.
2. Push the gas canister nozzle into the charging valve. Make sure the canister is in a vertical position when charging.
3. Charge the magazine until gas overflows from the charging valve.



**WARNING: Avoid dripping 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. BBs should stack staggered for maximum round capacity: 48 rounds.
4. Make sure to have a 3mm clearance between BBs and the top lip of the magazine.
5. Push the magazine follower lock to release.

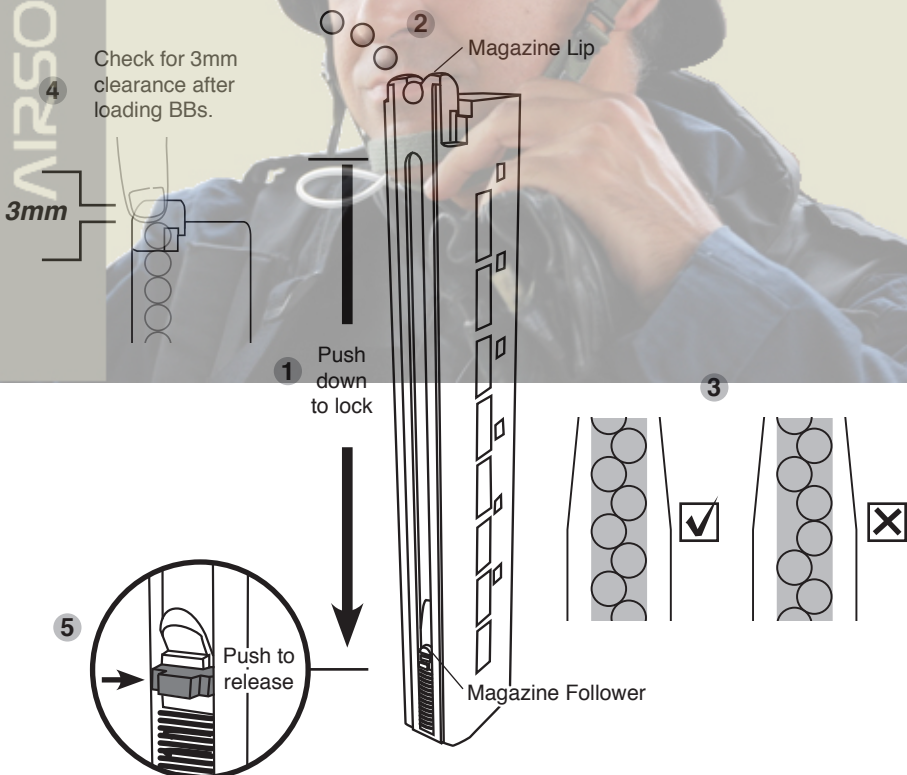


**WARNING:** Use only 6mm high grade BBs. Using low grade BBs will damage Airsoft gun.

**NOTE:** Use 0.25g or heavier BBs for better performance.

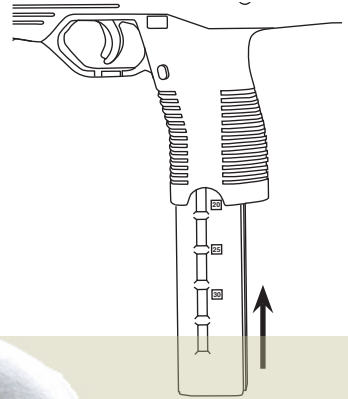


**WARNING:** Do not release the magazine follower when the magazine is empty. Doing so will damage the magazine and magazine follower.



## LOADING MAGAZINE

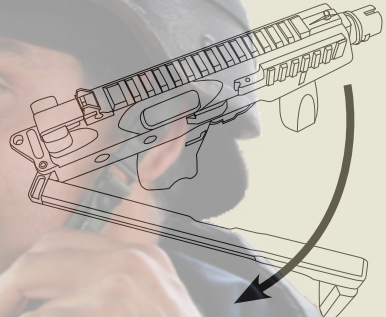
1. Place the magazine back into the magazine well.
2. Push the magazine up until it clicks into a locked position.
3. Lightly tug the magazine down to ensure that it has locked securely into place.



## FOLDING STOCK

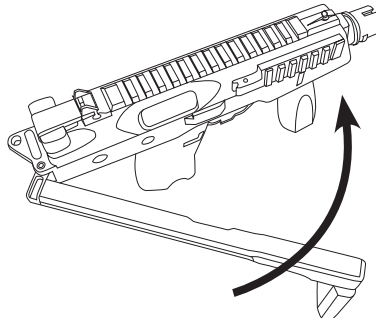
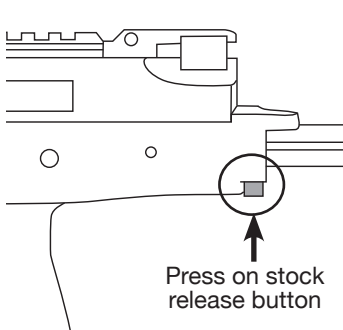
### Extending the stock

1. Pull the folded stock outward until it pops away from the frame.
2. Swing the wire handles backward until it locks.



### Folding the stock

1. Press and hold stock button while folding stock inward. Release the stock button.
2. Push the folding stock until stock locks into frame.



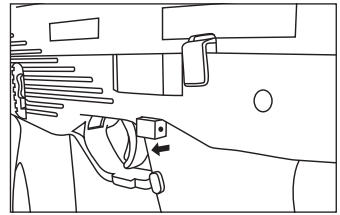
## SHOOTING MODE

The shooting mode selector is located behind the trigger.

### Semi-Automatic Only Mode.

For semi-automatic mode, select the single red dot selector by pushing the three dot selector inward from the right side of the frame.

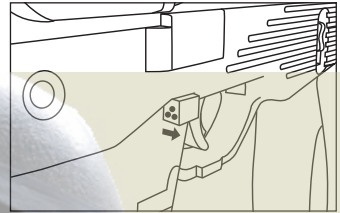
Semi-Auto Only



### Full-Auto / Semi-Automatic Mode.

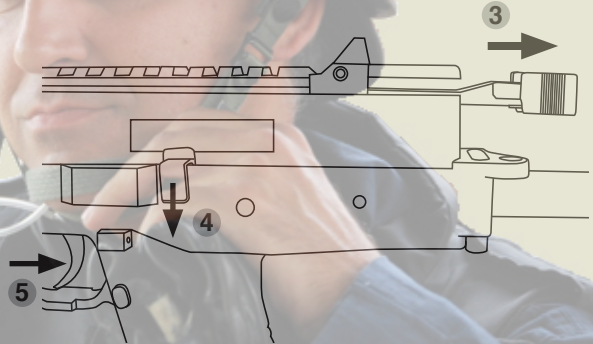
For continuous action mode, select the three red dots selector by pushing the single dot selector inward from the other side of the frame. Pull trigger halfway for Semi-Automatic mode and pull trigger all the way for Full-Automatic mode.

Full-Auto / Semi-Auto



## SHOOTING

1. Choose shooting mode.
2. Load magazine.
3. Pull charging handle.
4. Release bolt catch
5. Pull the trigger to fire.

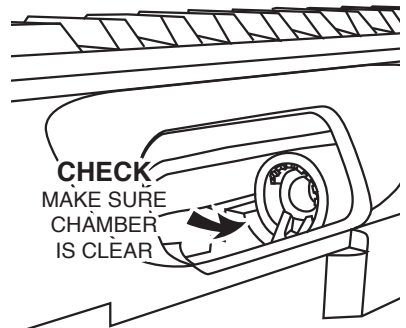


**WARNING:** Never shoot gun in a horizontal or upside-down position.

## AFTER SHOOTING

After you are finished shooting, remove the magazine and visually examine the open bolt to check whether the magazine well and chamber are clear of BBs.

**NOTE:** Keep chamber piston and seals oiled lightly with 100% silicone oil for maintenance.



UNIVERSO SNIPERS AIRSOFT



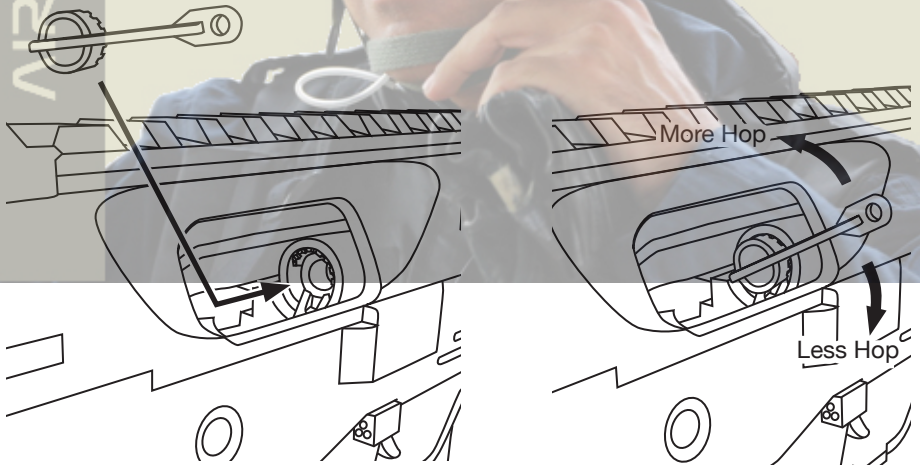
## HOP-UP SYSTEM

Hop-Up is one of KWA's standard features, giving Airsoft BBs greater stability, travel, and increased accuracy. 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.



## ADJUSTMENT POINT

BB TRAJECTORY PATTERN		ADJUSTMENTS
	BB DROPS FREELY	 TURN KNOB TO LEFT
	BB TRAVELS AT SHORT TRAJECTORY PATH	 TURN KNOB SLIGHTLY TO LEFT
	BB TRAVELS DISTANCE AT FLAT TRAJECTORY PATH	 NO ADJUSTMENT MADE
	BB TRAVELS FLAT IN SHORT DISTANCE, THEN GOES UP IN CURVE AND DROPS FREELY	 TURN KNOB SLIGHTLY TO RIGHT
	BB TRAVELS AT UNSTABLE SPEED AND IRREGULAR PATH	 TURN KNOB TO RIGHT

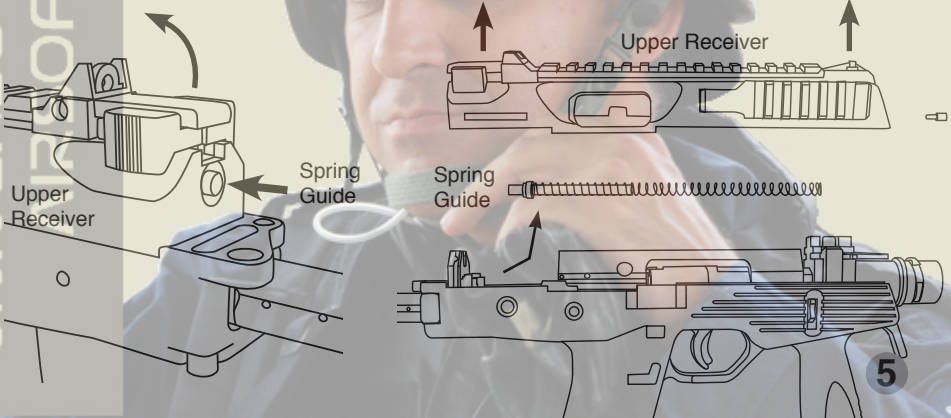
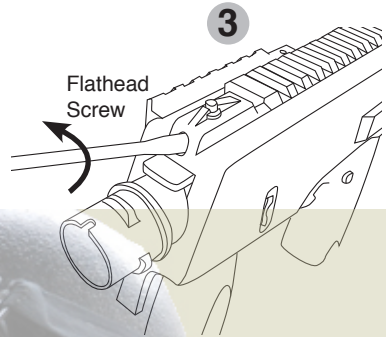
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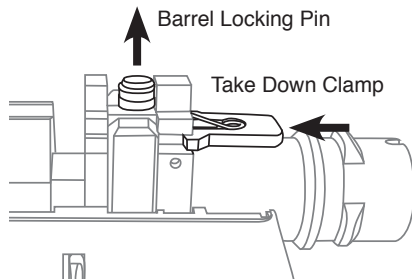
## DISASSEMBLY

It is not recommended to disassemble the gun unless it's for maintenance purpose or if you have BBs jammed.

1. Remove the magazine.
2. Pull the charging handle backward to cock the hammer.
3. Use a small flathead screw to remove the screw inside the hole under the front sight.
4. Depress the spring guide and lift the upper receiver off the lower receiver and remove the spring guide. \*Caution: The spring guide is under the tension and may eject.

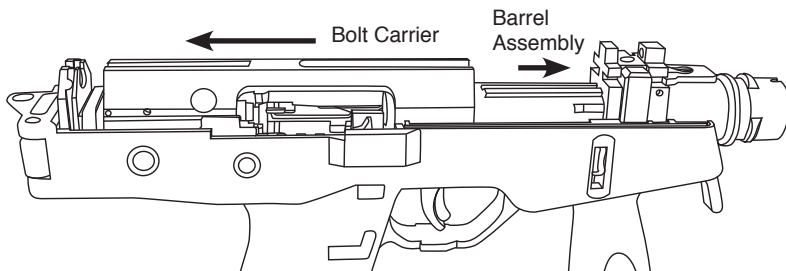


5. Push the barrel locking tab inwards and lift the Take Down Clamp.

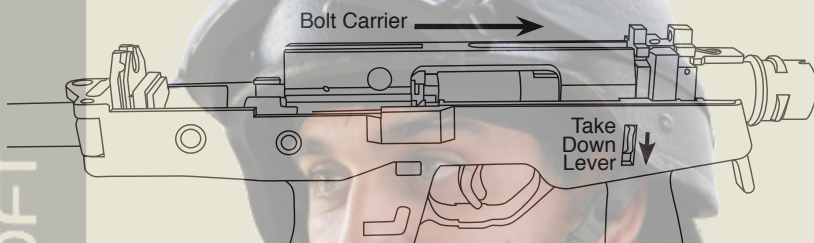


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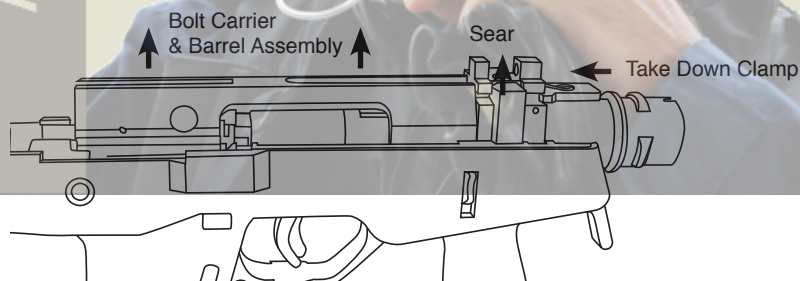
6. Pull the bolt carrier backwards and push the barrel assembly forward.



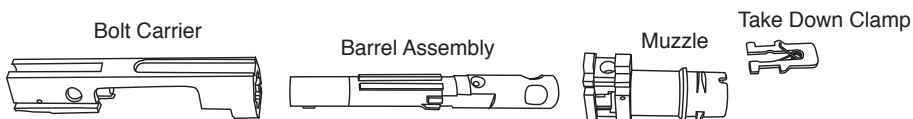
7. Hold down the take down lever and push the bolt carrier forward.



8. Push the take down clamp inwards and lift from the muzzle. The barrel and bolt carrier assembly will come out in one piece.

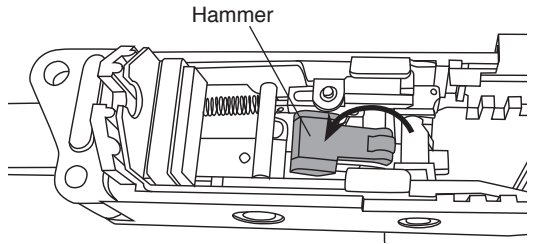


9. The removed parts can be organized in three groups. Bolt carrier, barrel assembly, muzzle (with take down clamp).



## ASSEMBLY

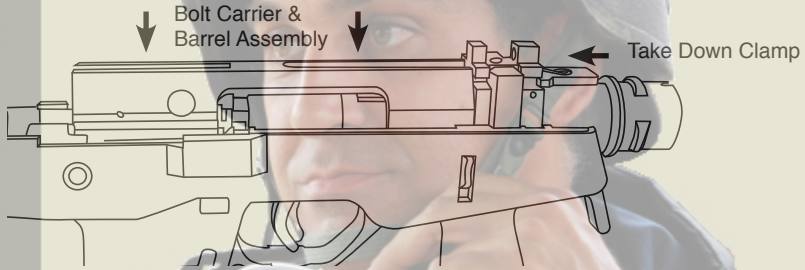
1. Make sure the gun is cocked. Push the hammer back into the cocked position



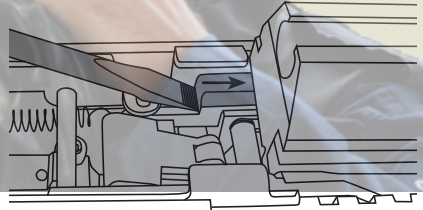
2. Reassemble the bolt carrier and barrel assembly.



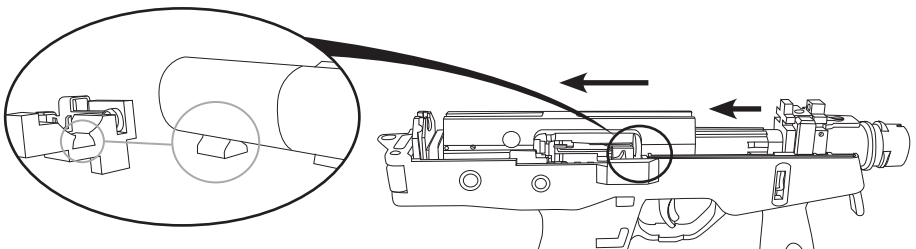
3. Insert the bolt carrier and barrel assembly into the lower receiver assembly. You will need to push and hold the "take down clamp" in to fully put the bolt carrier and barrel assembly into the lower receiver.



4. With a tool such as a screwdriver, push in the disconnecter to allow the bolt to seat correctly into the lower receiver.

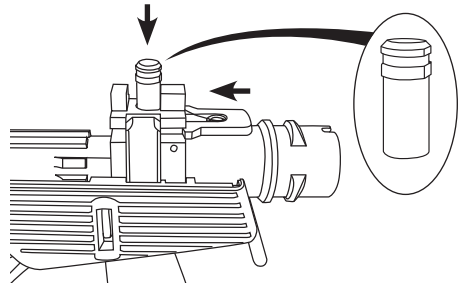


5. Cock the bolt carrier back and push the barrel assembly back into position. The lug on the barrel assembly needs to slide into the notch in the bolt catch assembly for the bolt to cock properly.

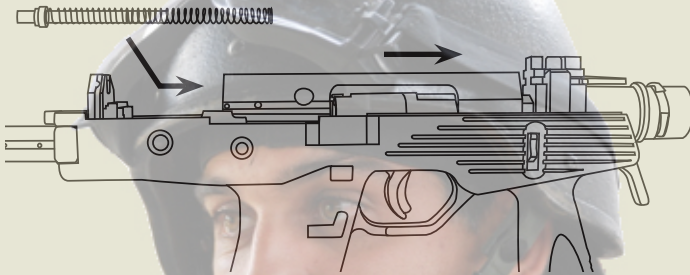




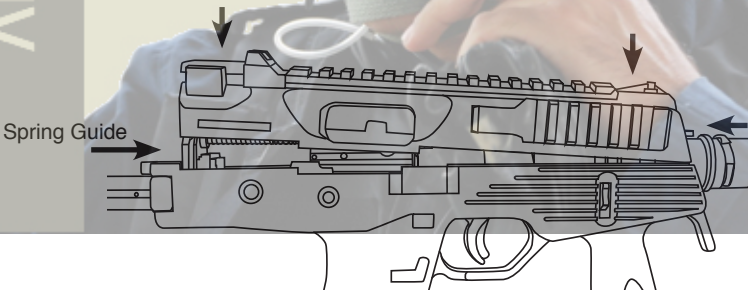
6. Insert the barrel locking pin into the hole above the muzzle. Be sure to match the milled slot pin towards the muzzle of the gun. Press the "take down clamp" in to allow the pin to lock into place.



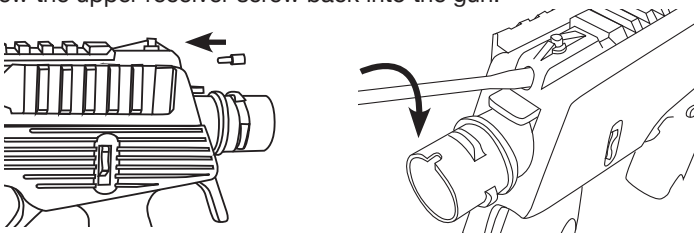
7. Push the bolt carrier back forward and place back the spring guide.



8. Place the upper receiver back onto the lower receiver. Press the spring guide in to close the dust cover fully.



9. Screw the upper receiver screw back into the gun.



## BASIC TROUBLESHOOTING GUIDE FOR SMG

SYMPTOMS	POSSIBLE CAUSE	SOLUTIONS
Bolt jams / Will not complete cycle	Dry internal / dirty	Add silicone to cylinder / main seal / rails / clean gun
Double feeds BBs into chamber / BBs roll out of barrel	Hop-up adjustment too tight / dirty barrel	Release hop-up / replace bucking / clean barrel
BBs will not release from magazine / bent mag lip/ check BB condition	Damaged magazine lip / dirty	Replace magazine lip / clean magazine / use premium BBs
Leaking release valve & charging valve	Dry O-ring	Add silicone oil to valves
Magazine Follower will not lock	Broken Follower lock	Replace Follower
Magazine base leaking air	Worn out base seal	Replace magazine base seal
Cylinder will not load BBs into chamber	Broken Cylinder tap / ramp	Replace cylinder / ramp

### 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:

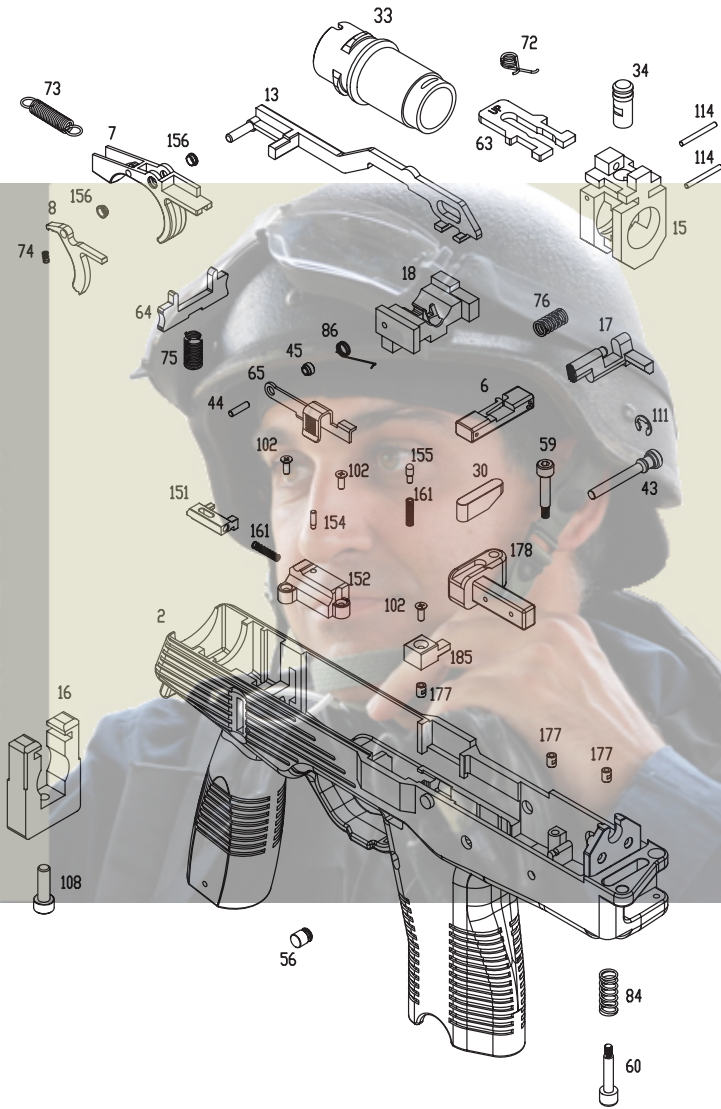
Operating an Airsoft gas gun in extremely hot temperatures is also not recommended. Leaving the gun in direct sunlight for long periods of time, or operating in extremely hot areas will cause the gas to over-expand, damaging the internal workings of the gun. The increase in internal pressure from the 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.

KMP9 DIAGRAM

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## KMP9 PARTS LIST

Parts #	Description	Parts #	Description	Parts #	Description
199-0114-1	UPPER RECEIVER	199-0114-47	IMPACT HAMMER BASE PIN	199-0114-109	INNER BARREL CLIP
199-0114-2	LOWER RECEIVER	199-0114-48	HAMMER BUSHING PIN	199-0114-111	TRIGGER BAR PIN E-CLIP
199-0114-4	BOLT CHARGING HANDLE	199-0114-49	HAMMER BUSHING (LEFT)	199-0114-112	HOP-UP BALL
199-0114-5	REAR SIGHT	199-0114-56	HAMMER HOUSING PINS X 2	199-0114-114	MUZZLE BASE PINS X 2
199-0114-6	SELECTOR BUTTON	199-0114-57	TAKE-DOWN PIN SCREW	199-0114-124	BOLT
199-0114-7	TRIGGER	199-0114-58	FRONT SIGHT	199-0114-125	BOLT EXTENSION CYLINDER
199-0114-8	TRIGGER SAFETY	199-0114-59	FOLDING STOCK BASE SCREW	199-0114-127	MAIN SEAL CAP
199-0114-9	RECOIL SPRING GUIDE	199-0114-60	STOCK RELEASE BUTTON	199-0114-128	CYLINDER PIN
199-0114-10	CYLINDER	199-0114-63	TAKE-DOWN CLAMP	199-0114-129	MAIN SEAL
199-0114-12	STOCK BUTT PLATE	199-0114-64	TAKE-DOWN LEVER	199-0114-131	JET NOZZLE
199-0114-13	TRIGGER BAR	199-0114-65	BOLT CATCH	199-0114-132	JET NOZZLE SPRING
199-0114-14	BOLT CARRIER	199-0114-66	HAMMER HOUSING	199-0114-133	MAIN SEAL CAP SCREW
199-0114-15	MUZZLE BASE	199-0114-69	RECOIL SPRING	199-0114-151	SEAR
199-0114-16	MUZZLE BASE CLAMP	199-0114-71	HAMMER RESET BLOCK SPRING	199-0114-152	SEAR HOUSING
199-0114-17	MAGAZINE RELEASE BUTTON	199-0114-72	TAKE-DOWN CLAMP SPRING	199-0114-153	DISCONNECTOR
199-0114-18	FEED RAMP BASE	199-0114-73	TRIGGER SPRING	199-0114-154	SEAR RETAINING PIN
199-0114-19	BREECH BASE	199-0114-74	TRIGGER-SAFETY SPRING	199-0114-155	TRIGGER BAR PLUNGER
199-0114-20	HAMMER RESET BLOCK	199-0114-75	TAKE-DOWN LEVER SPRING	199-0114-156	TRIGGER SAFETY BUSHINGS X 2
199-0114-21	IMPACT HAMMER	199-0114-76	MAGAZINE RELEASE SPRING	199-0114-158	DISCONNECTOR PIN
199-0114-22	IMPACT HAMMER HOUSING (LEFT)	199-0114-77	IMPACT HAMMER SPRING	199-0114-159	HAMMER BUSHING
199-0114-23	IMPACT HAMMER HOUSING (RIGHT)	199-0114-78	IMPACT HAMMER BASE SPRING	199-0114-161	TRIGGER BAR PLUNGER SPRINGS X 2
199-0114-24	IMPACT HAMMER BASE	199-0114-79	IMPACT HAMMER RESET SPRING	199-0114-162	DISCONNECTOR SPRING
199-0114-25	IMPACT HAMMER RESET	199-0114-80	HAMMER SPRING	199-0114-165	DISCONNECTOR PIN E-CLIP
199-0114-26	HAMMER	199-0114-84	STOCK RELEASE BUTTON SPRING 85	199-0114-167	UPPER RAIL MOUNT
199-0114-30	FOLDING STOCK CATCH	199-0114-86	BOLT CATCH SPRING	199-0114-177	BRASS THREADED INSERTS X 3
199-0114-31	FOLDING STOCK	199-0114-87	CYLINDER SPRINGS X 2	199-0114-178	FOLDING STOCK BASE
199-0114-33	MUZZLE	199-0114-88	HOP-UP BUCKING	199-0114-179	FOLDING STOCK DETENT HOOK
199-0114-34	TAKE-DOWN PIN LOCK	199-0114-90	HOP-UP CYLINDER CLIP	199-0114-181	STOCK BUTT PLATE SCREW
199-0114-35	HAMMER RESET BLOCK PIN	199-0114-91	HOP-UP CYLINDER	199-0114-182	RECOIL BUFFER PLATE
199-0114-40	WINDAGE ADJUSTMENT SCREW	199-0114-102	TRIGGER BLOCK & SEAR HOUSING	199-0114-184	RECOIL BUFFER
199-0114-41	WINDAGE ADJUSTMENT CAP	199-0114-104	RECOIL BUFFER PLATE SCREWS X 4	199-0114-185	TRIGGER BLOCK
199-0114-42	INNER BARREL	199-0114-106	IMPACT HAMMER HOUSING SET	199-0114-199	ROLL PIN
199-0114-43	TRIGGER BAR PIN	199-0114-107	INNER BARREL SET SCREW	199-0114-200	ROLL PIN
199-0114-44	BOLT CATCH PIN	199-0114-108	MUZZLE BASE CLAMP SCREW	199-0114-201	RAIL ATTACHMENT SCREWS X 2
199-0114-45	BOLT CATCH WASHER				
199-0114-46	IMPACT HAMMER PIN				



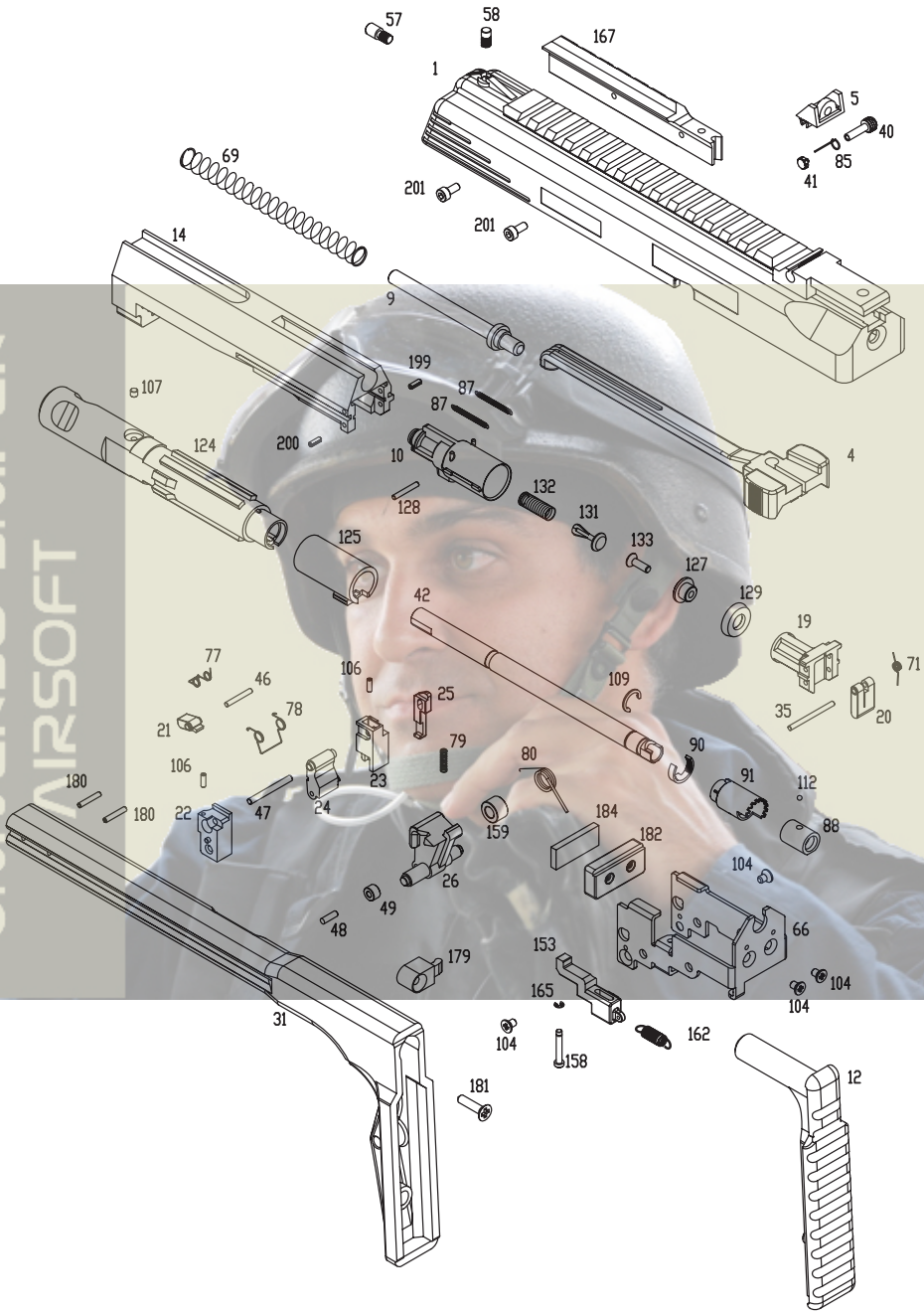
KMP9R DIAGRAM

UNIVERSO SNIPER  
AIRSOFT



KMP9R DIAGRAM

UNIVERSO SNIPER  
AIRSOFT

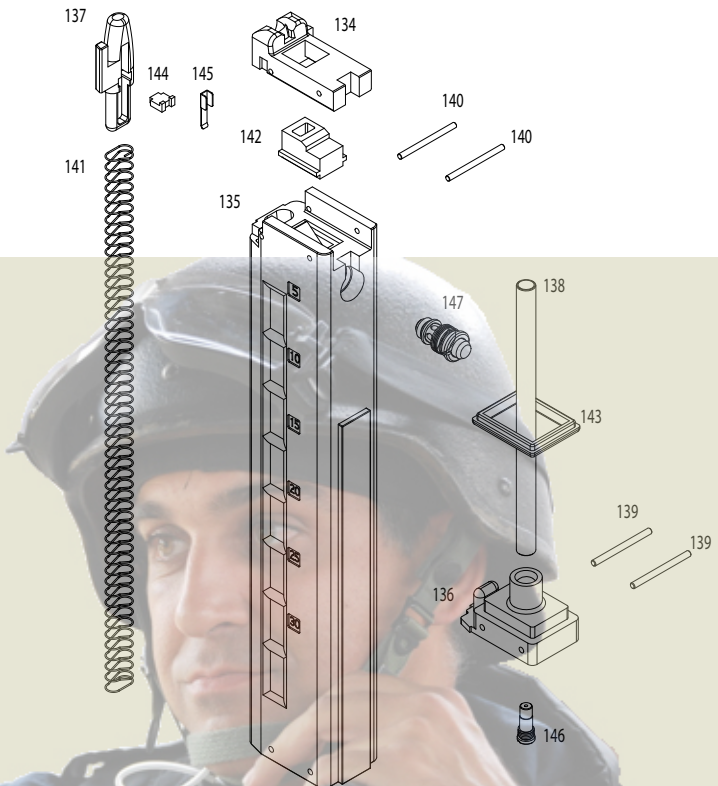


KMP9R PARTS LIST

Parts #	Description	Parts #	Description	Parts #	Description
199-0114-1	UPPER RECEIVER	199-0114-48	HAMMER BUSHING PIN	199-0114-114	MUZZLE BASE PINS X 2
199-0114-4	BOLT CHARGING HANDLE	199-0114-49	HAMMER BUSHING (LEFT)	199-0114-124	BOLT
199-0114-5	REAR SIGHT	199-0114-56	HAMMER HOUSING PINS X 2	199-0114-125	BOLT EXTENSION CYLINDER
199-0114-6	SELECTOR BUTTON	199-0114-57	TAKE-DOWN PIN SCREW	199-0114-127	MAIN SEAL CAP
199-0114-7	TRIGGER	199-0114-58	FRONT SIGHT	199-0114-128	CYLINDER PIN
199-0114-8	TRIGGER SAFETY	199-0114-59	FOLDING STOCK CATCH SCREW	199-0114-129	MAIN SEAL
199-0114-9	RECOIL SPRING GUIDE	199-0114-60	STOCK RELEASE BUTTON	199-0114-131	JET NOZZLE
199-0114-10	CYLINDER	199-0114-63	TAKE-DOWN CLAMP	199-0114-132	JET NOZZLE SPRING
199-0114-12	STOCK BUTT PLATE	199-0114-64	TAKE-DOWN LEVER	199-0114-133	MAIN SEAL CAP SCREW
199-0114-13	TRIGGER BAR	199-0114-65	BOLT CATCH	199-0114-151	SEAR
199-0114-14	BOLT CARRIER	199-0114-66	HAMMER HOUSING	199-0114-152	SEAR HOUSING
199-0114-15	MUZZLE BASE	199-0114-69	RECOIL SPRING	199-0114-153	DISCONNECTOR
199-0114-16	MUZZLE BASE CLAMP	199-0114-71	HAMMER RESET BLOCK SPRING	199-0114-154	SEAR RETAINING PIN
199-0114-17	MAGAZINE RELEASE BUTTON	199-0114-72	TAKE-DOWN CLAMP SPRING	199-0114-155	TRIGGER BAR PLUNGER
199-0114-18	FEED RAMP BASE	199-0114-73	TRIGGER SPRING	199-0114-156	TRIGGER SAFETY BUSHINGS X 2
199-0114-19	BREECH BASE	199-0114-74	TRIGGER-SAFETY SPRING	199-0114-158	DISCONNECTOR PIN
199-0114-20	HAMMER RESET BLOCK	199-0114-75	TAKE-DOWN LEVER SPRING	199-0114-159	HAMMER BUSHING
199-0114-21	IMPACT HAMMER	199-0114-76	MAGAZINE RELEASE SPRING	199-0114-161	TRIGGER BAR PLUNGER SPRINGS X 2
199-0114-22	IMPACT HAMMER HOUSING (LEFT)	199-0114-77	IMPACT HAMMER SPRING	199-0114-162	DISCONNECTOR SPRING
199-0114-23	IMPACT HAMMER HOUSING (RIGHT)	199-0114-78	IMPACT HAMMER BASE SPRING	199-0114-165	DISCONNECTOR PIN E-CLIP
199-0114-24	IMPACT HAMMER BASE	199-0114-79	IMPACT HAMMER RESET SPRING	199-0114-167	UPPER RAIL MOUNT
199-0114-25	IMPACT HAMMER RESET	199-0114-80	HAMMER SPRING	199-0114-170	LOWER RECEIVER
199-0114-26	HAMMER	199-0114-84	STOCK RELEASE BUTTON SPRING	199-0114-171	RAIL MOUNT
199-0114-30	FOLDING STOCK CATCH	199-0114-85	REAR SIGHT SPRING	199-0114-172	MUZZLE BASE COVER
199-0114-31	FOLDING STOCK	199-0114-86	BOLT CATCH SPRING	199-0114-173	RAIL MOUNT SCREWS X 2
199-0114-33	MUZZLE	199-0114-87	CYLINDER SPRINGS X 2	199-0114-175	MUZZLE BASE CLAMP SCREW
199-0114-34	TAKE-DOWN PIN LOCK	199-0114-88	HOP-UP BUCKING	199-0114-177	BRASS THREADED INSERTS X 3
199-0114-35	HAMMER RESET BLOCK PIN	199-0114-90	HOP-UP CYLINDER CLIP	199-0114-178	FOLDING STOCK BASE
199-0114-40	WINDAGE ADJUSTMENT SCREW	199-0114-91	HOP-UP CYLINDER	199-0114-179	FOLDING STOCK DETENT HOOK
199-0114-41	WINDAGE ADJUSTMENT CAP	199-0114-102	TRIGGER BLOCK & SEAR HOUSING	199-0114-181	STOCK BUTT PLATE SCREW
199-0114-42	INNER BARREL	199-0114-104	RECOIL BUFFER PLATE SCREWS X 4	199-0114-182	RECOIL BUFFER PLATE
199-0114-43	TRIGGER BAR PIN	199-0114-106	IMPACT HAMMER HOUSING SET	199-0114-184	RECOIL BUFFER
199-0114-44	BOLT CATCH PIN	199-0114-107	INNER BARREL SET SCREW	199-0114-185	TRIGGER BLOCK
199-0114-45	BOLT CATCH WASHER	199-0114-109	INNER BARREL CLIP	199-0114-199	ROLL PIN
199-0114-46	IMPACT HAMMER PIN	199-0114-111	TRIGGER BAR PIN E-CLIP	199-0114-200	ROLL PIN
199-0114-47	IMPACT HAMMER BASE PIN	199-0114-112	HOP-UP BALL	199-0114-201	RAIL ATTACHMENT SCREWS X 2

# MAGAZINE DIAGRAM AND PARTS LIST

UNIVERSO SNIPER  
AIRSOFT



Parts #	Description
199-0114-134	MAGAZINE LIP
199-0114-135	MAGAZINE BODY
199-0114-136	MAGAZINE BASE
199-0114-137	MAGAZINE FOLLOWER
199-0114-138	MAGAZINE EXPANSION TUBE
199-0114-139	MAGAZINE BASE PINS X 2
199-0114-140	MAGAZINE LIP PINS X 2
199-0114-141	MAGAZINE FOLLOWER SPRING
199-0114-142	MAGAZINE NOZZLE SEAL
199-0114-143	MAGAZINE BASE SEAL
199-0114-144	MAGAZINE FOLLOWER LOCK
199-0114-145	MAGAZINE FOLLOWER LOCK SPRING
199-0114-146	MAGAZINE CHARGING VALVE
199-0114-147	MAGAZINE RELEASE VALVE

UNIVERSO SNIPER  
AIRSOFT



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