

# KWA<sup>®</sup>

## AKR-74M



## OPERATOR'S MANUAL

Please read this manual carefully before using the Airsoft gun.

UNIVERSO SNIPER  
AIRSOFT



UNIVERSO SNIPER  
AIRSOFT

## TABLE OF CONTENTS

Warranty .....	4-5
Use of This Manual .....	6
Safety Guidelines .....	6-7
Specifications and Package Contents:	
AKR-74M .....	8
Battery Installation .....	9
Fuse.....	9
Switching the AK60 ERG Magazine Capacity .....	10
Loading BBs .....	10
Using KWA High Performance BB Loader .....	11
Loading Magazine .....	12
Fire Selector Switch .....	12
Hop-Up System	
Hop-Up Adjustment .....	13
Hop-Up Adjustment Point .....	14
Auto Cut-Off .....	14
Front and Rear Sight Adjustment .....	15
Cleaning .....	16
Troubleshooting .....	17
Operating Under Unusual Conditions .....	17
Diagram and Parts Lists:	
AKR-74M Parts Diagram .....	18-19
AKR-74M Parts List .....	20-21
AKR-74M 3GX Gearbox Parts Diagram and List.....	22
AK60 ERG Magazine Parts Diagram and List .....	23



# KWA<sup>®</sup> WARRANTY

KWA PERFORMANCE INDUSTRIES, INC.

18571 E. Gale Ave.

City of Industry, CA 91748

(626) 581-1777

**THANK YOU FOR PURCHASING A KWA PERFORMANCE INDUSTRIES, INC. PRODUCT.** KWA Performance Industries, Inc. is committed to serving our customers with the finest quality products, the highest level of service, and the best customer satisfaction. Because of this, we offer a 90 day warranty on all KWA products we import and distribute.

## Warranty Coverage

Except as specified below, this warranty covers all defects in material and workmanship in KWA products that occur during the above warranty period. 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 a KWA AUTHORIZED RESELLER. If you are uncertain as to whether a reseller is a KWA AUTHORIZED RESELLER, please contact KWA PERFORMANCE INDUSTRIES, INC. as listed above or visit our website [www.kwausa.com/where-to-buy](http://www.kwausa.com/where-to-buy) (3) Damages, deterioration, or malfunction resulting from: a) An accident, act of nature, abuse, misuse, neglect, 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 (ie. Propane, Red Gas, 134a...etc.) (6) Use in industrial, commercial, and/or professional applications.

## What KWA Will Pay For

If your KWA product is found to be defective by KWA Performance Industries, Inc. during the applicable warranty period from the date of original purchase, 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 the 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.

### 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 Help Desk at [www.kwausa.com/support](http://www.kwausa.com/support).

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 AN 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.

## 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 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

### Safety Distance

The effective shooting range is approximately 175 feet. BBs fired from this Airsoft gun may travel farther than intended. Make certain that you have an adequate backstop.

### Eye Protection

Eye protection should be worn at all times when 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.

### 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.

### 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:

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

## **SAFETY GUIDELINES (CONTINUED)**

### **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.

### **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.**
- **Alterations and/or modifications to your KWA Airsoft Gun will void all warranty claims.**

## SPECIFICATIONS: AKR-74M

- Overall Length [Retracted] = 704 mm (27.5")
- Overall Length [Extended] = 946.2 mm (37.25")
- Outer Barrel Length = 368 mm (14.5")
- Inner Barrel Length = 488 mm (15.55")
- Inner Barrel Diameter = 6.05 mm
- Weight (without magazine) = 3.12 kg (6.88 lbs)
- Barrel thread = -14 mm
- Caliber = 6 mm
- Magazine Capacity = 30/60 rounds
- Rate of Fire = 21+ RPS
- Velocity = 115~125 MPS (380~410 FPS)\*
- Energy Output with 0.20g BB = 1.45 Joules
- Power Source: 9.6v NiMH, 7.4v or 11.1v 15c Li-Po

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

### Special Features:

- AK Side Rail Mount
- Adjustable Front and Rear Sights
- Fiber Reinforced Polymer Handguard with Battery Compartment
- Semi and Full Auto Select Fire
- Fiber Reinforced Polymer Folding Stock
- KWA 3GX Gearbox with KFS
- KWA 2G High Performance Bucking
- Adjustable One Piece Hop-Up
- Full Metal Receivers



## PACKAGE CONTENTS: AKR-74M

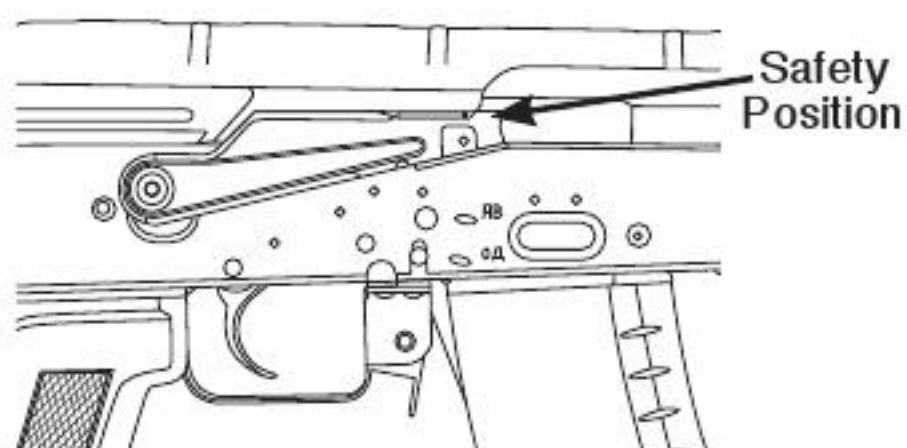
- |                                |                     |
|--------------------------------|---------------------|
| 1 AKR-74M Airsoft Gun          | 1 BB Loading Tool   |
| 1 Adjustable AK60 ERG Magazine | 1 Cleaning Rod      |
| 1 Sight Adjustment Tool        | 1 Operator's Manual |



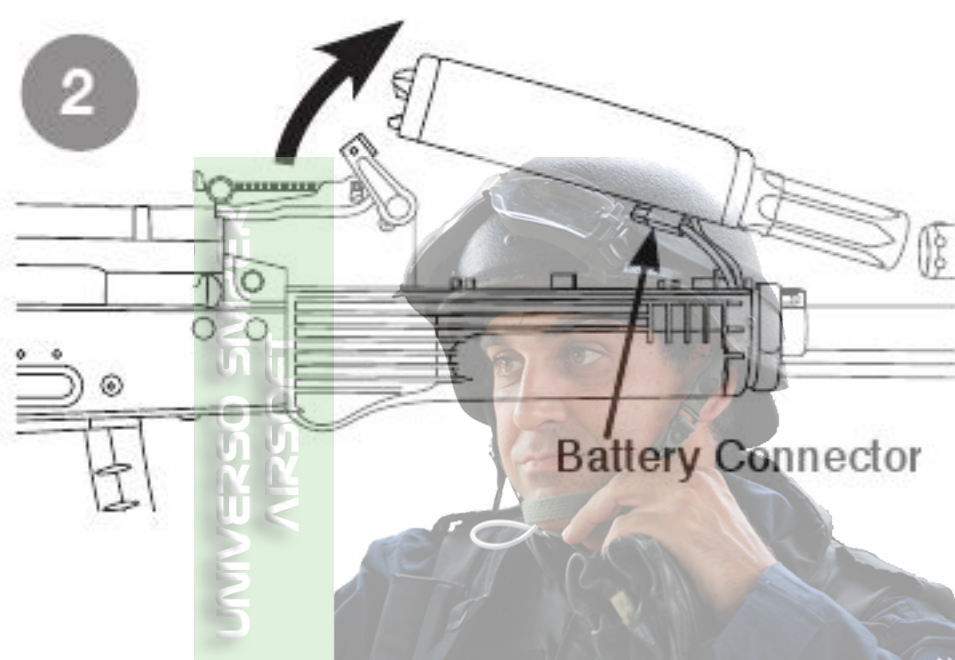
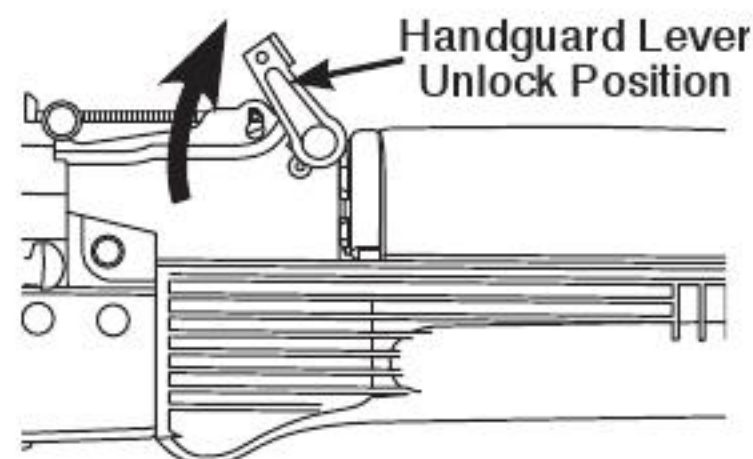


## BATTERY INSTALLATION

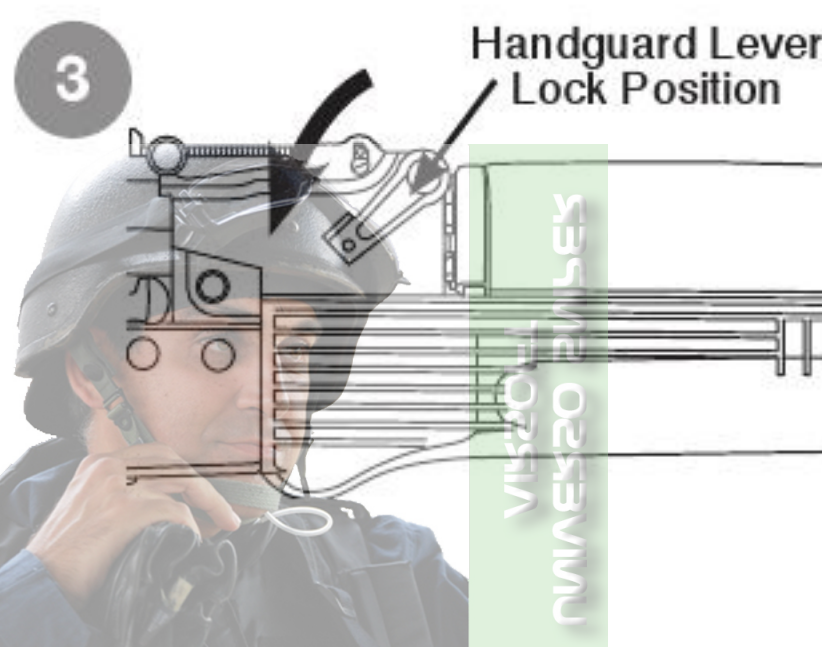
1. Set fire selector to safe mode. Pull the upper handguard lever up to unlock the battery compartment.
2. Pull up on the upper handguard from the rear.
3. Use a small brick style Li-Po battery, place the battery into the battery compartment. Push the connector plugs together firmly until they click into place.  
\*Make sure the battery size is no larger than 4"H x 1.25"W x 0.62"D.
4. Replace the upper handguard by pressing it onto the battery compartment.
5. Lower the upper handguard lever to lock the handguard back into place.



1

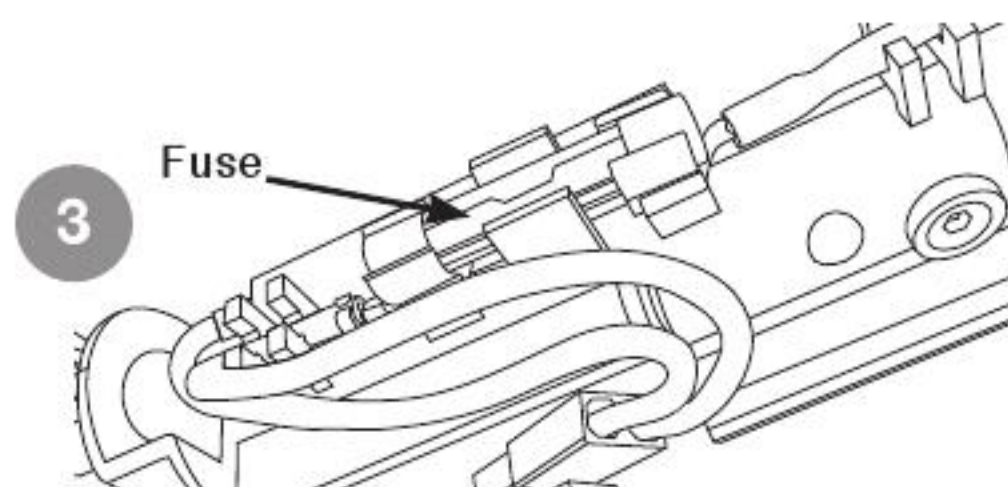
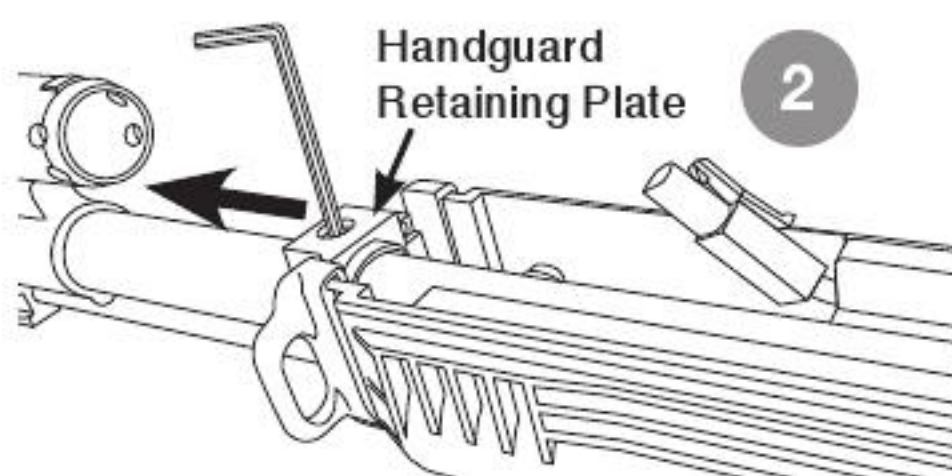
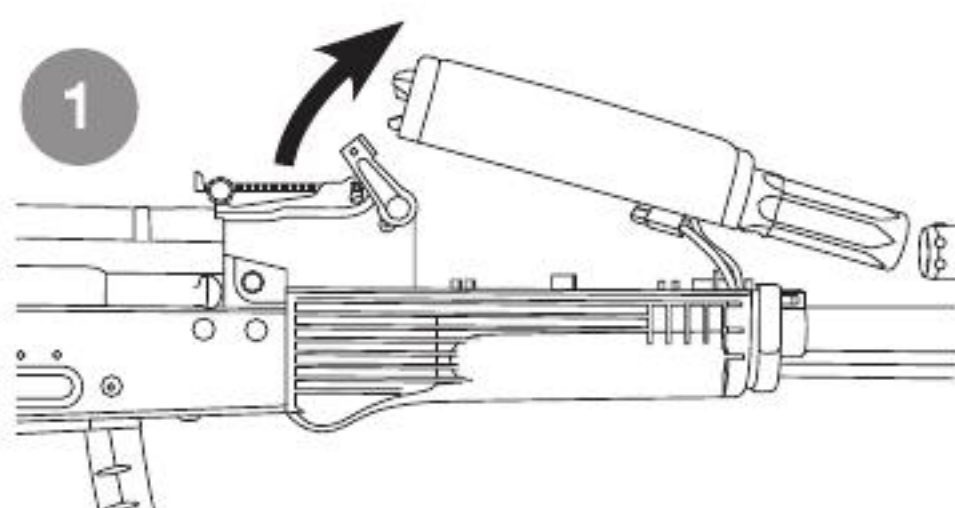


3



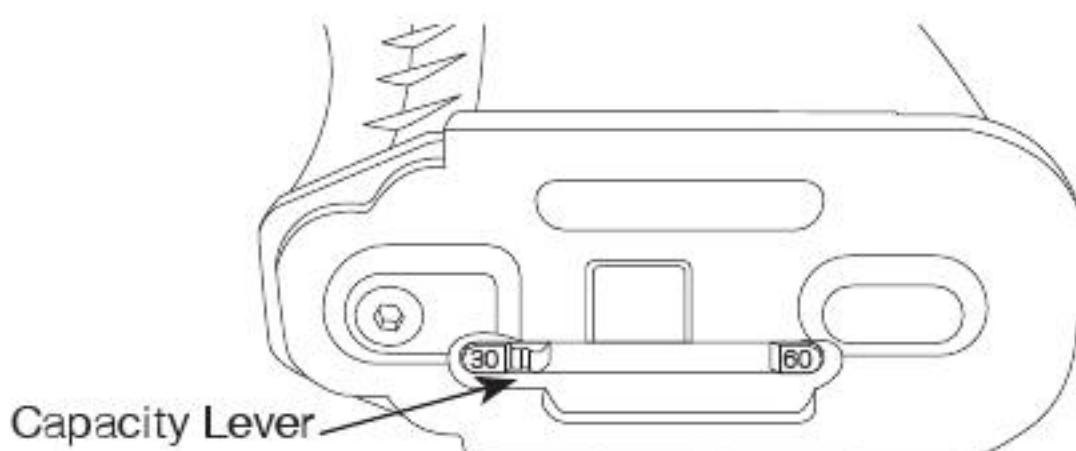
## FUSE

1. To replace the fuse, pull the upper handguard lever up to expose the battery compartment.
2. Unscrew the lower handguard retainer screw and slide the lower handguard retaining plate forward, away from the lower handguard.
3. Remove the lower handguard to expose the fuse. Replace the fuse with up to a 20A glass fuse.



## SWITCHING THE AK60 ERG MAGAZINE CAPACITY

The magazine included with each AKR-74M has an adjustable capacity of 30 or 60 rounds. To switch the magazine capacity, first make sure the magazine is **completely empty**. Then, switch the lever on the bottom of the AK60 ERG Magazine to the desired capacity as shown. Although the AKR-74M includes a proprietary ERG magazine, it is compatible with the KWA AK120 mid-capacity magazine or AK400 round high-capacity magazine.



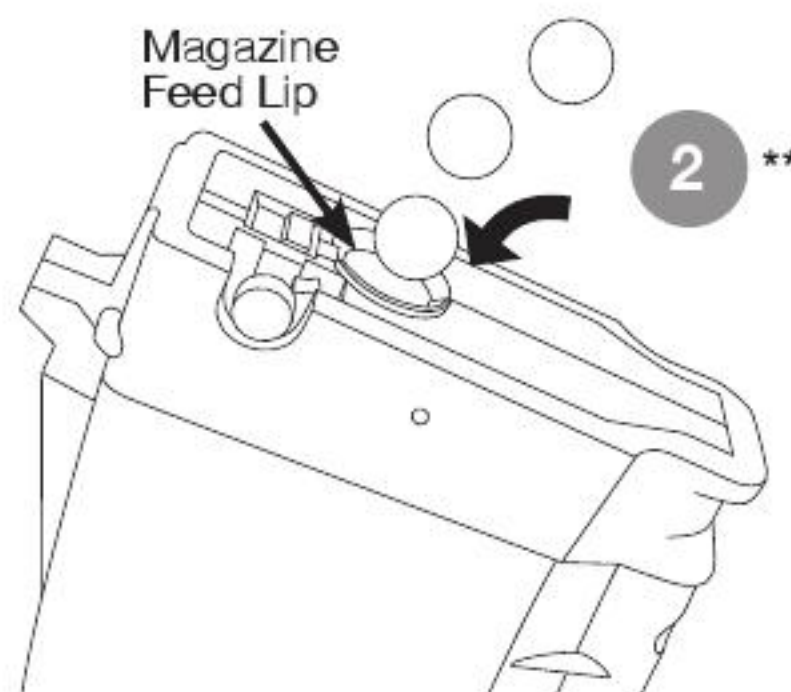
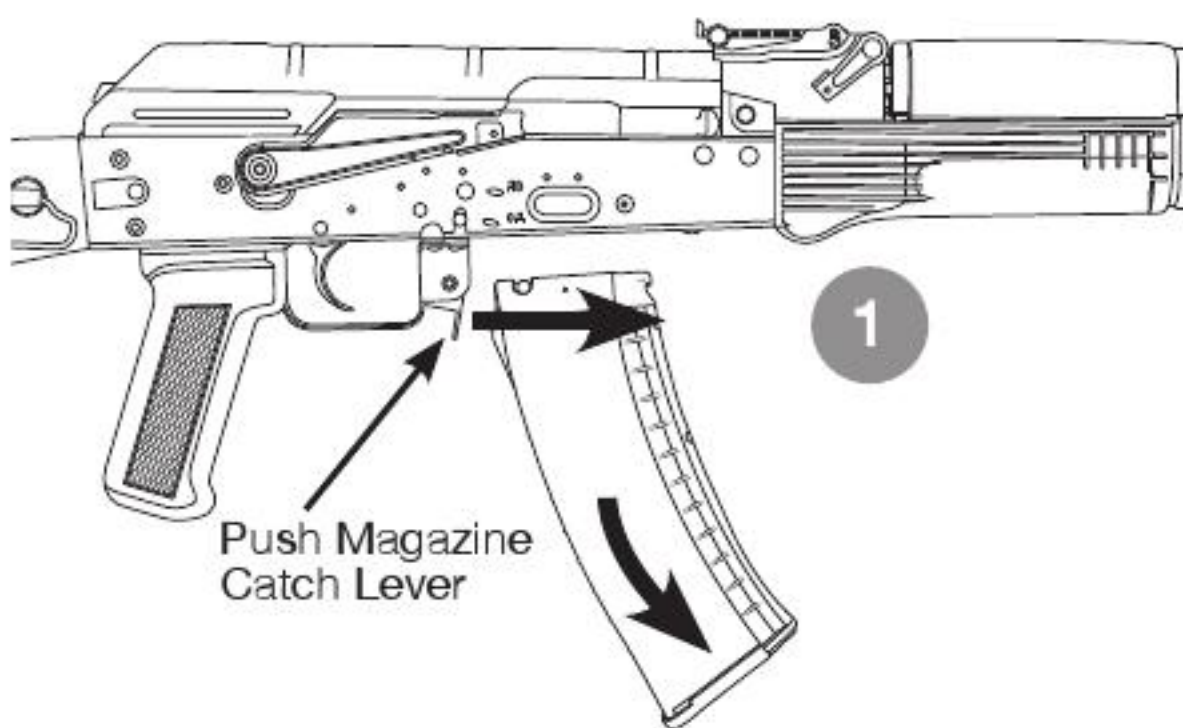
## LOADING BBS

1. Release the magazine from the AKR-74M by pressing the magazine catch lever forward.
2. Feed the BBs into the magazine through the magazine feed lip as shown.

**\*\*NOTE:** The use of a BB loader, such as the KWA High Performance BB Loader, can help make the loading process easier and faster. (See page 10)

### Loading safety tips:

- Switch the selector to safe
- Keep your finger off the trigger at all times

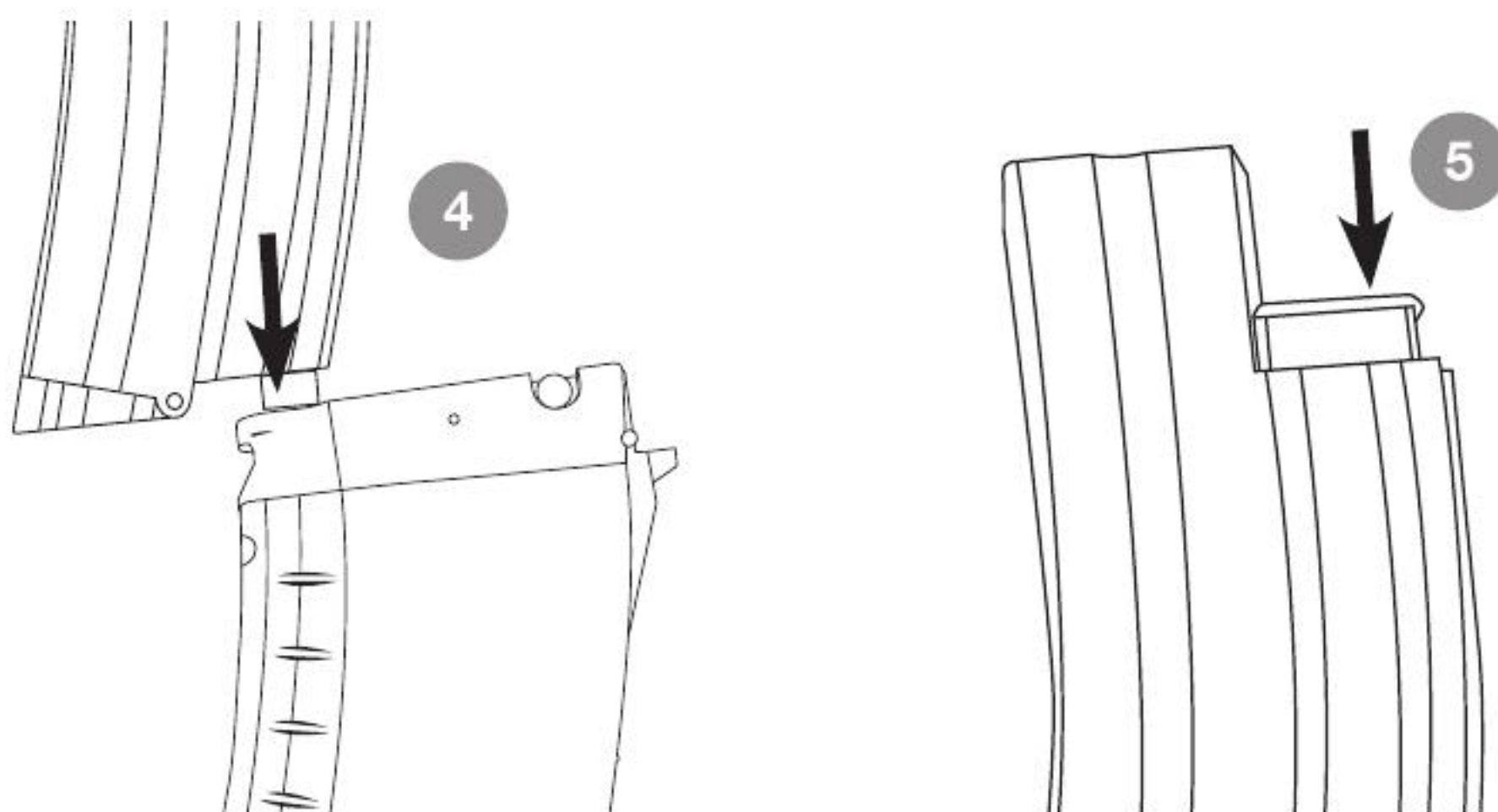
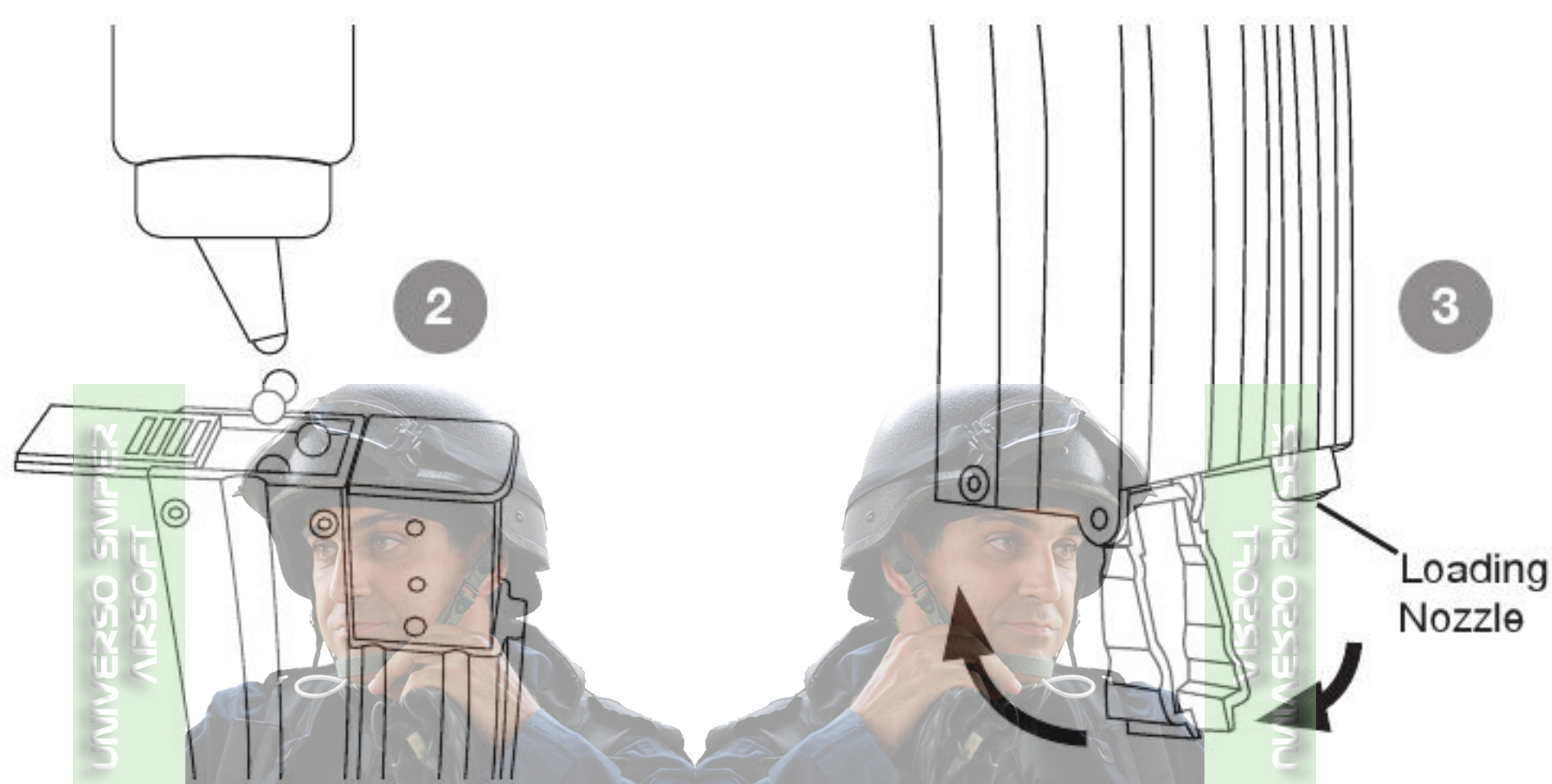


### WARNING:

- 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.
- KWA AKR-74M adjustable AK60 ERG Magazines hold 30 or 60 rounds of BBs. **DO NOT** load more than 30/60 rounds into the magazine. Overloading will cause jamming issues.
- Only change the capacity when the AK60 ERG Magazine is empty. Changing the capacity with any BBs present may cause damage to the magazine.

## USING KWA HIGH PERFORMANCE BB LOADER (Purchase Separately)

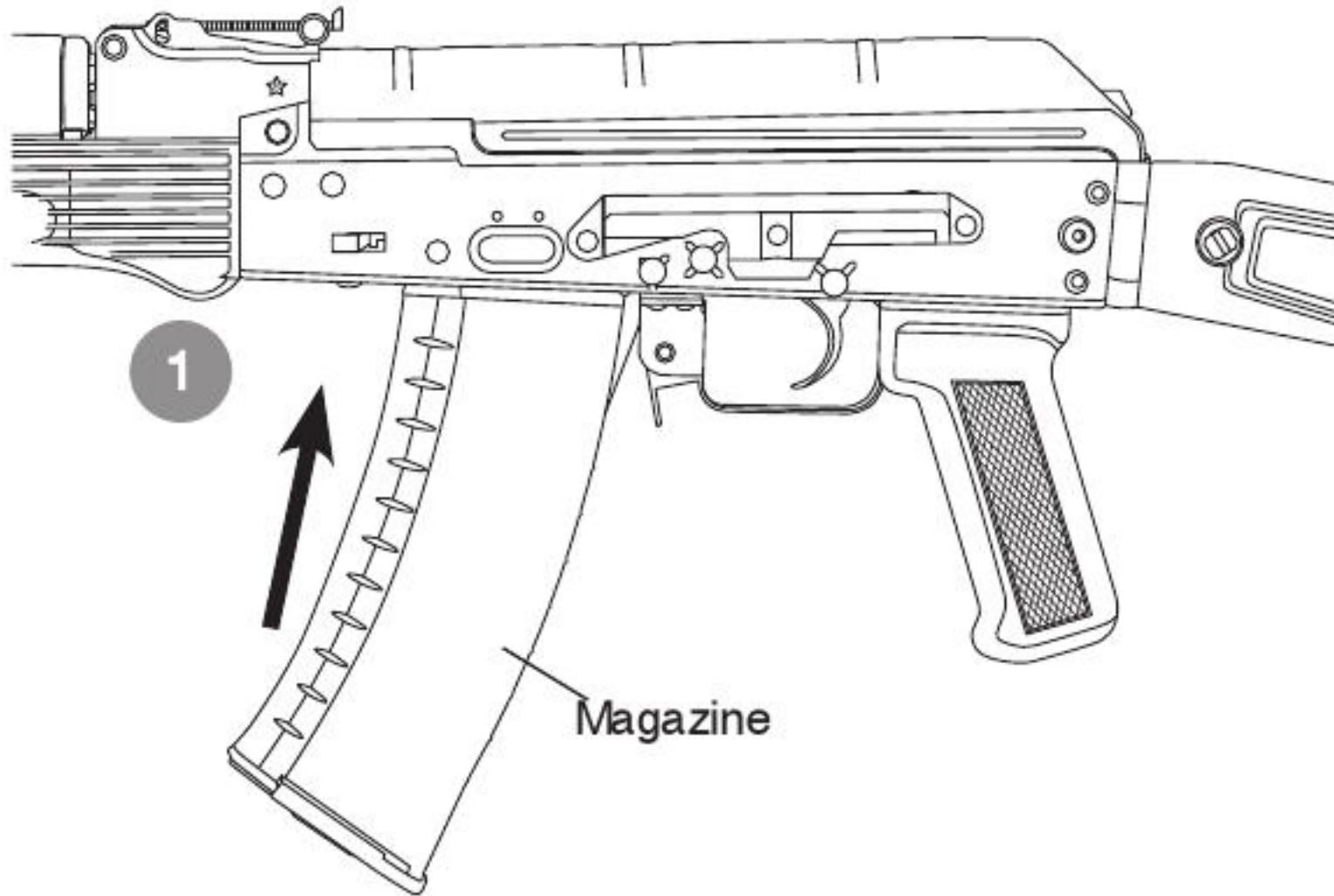
1. Release the magazine from the Airsoft gun by pressing the magazine catch lever forward.
2. Slide open the trap door on top of the BB loader. Fill the BB loader with BBs. \*Do Not Overfill.
3. Flip down the dust cover to reveal the loading nozzle.
4. Fit BB loader into the magazine feed lip.
5. Press on BB loader plunger to load BB into magazine.



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

## LOADING MAGAZINE

1. Place the loaded magazine into the magazine well by inserting the top front of the magazine first and then pivot the top toward the rear.
2. Lightly pull on the magazine to ensure it is locked in properly.



## FIRE SELECTOR SWITCH

### 1. Safe

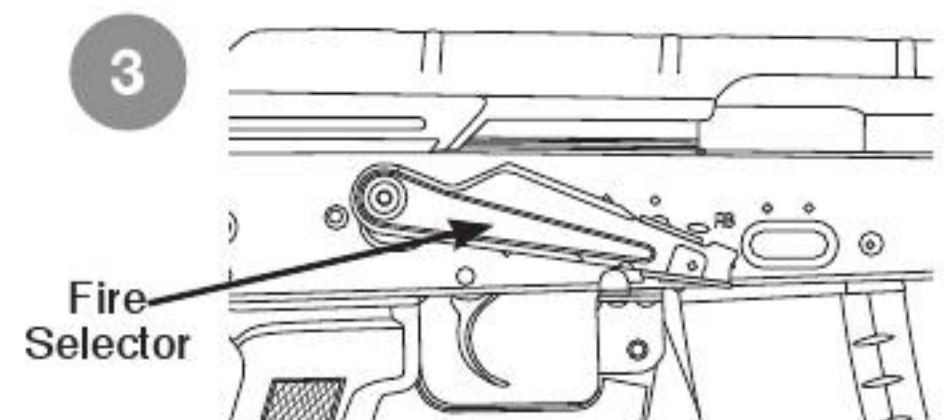
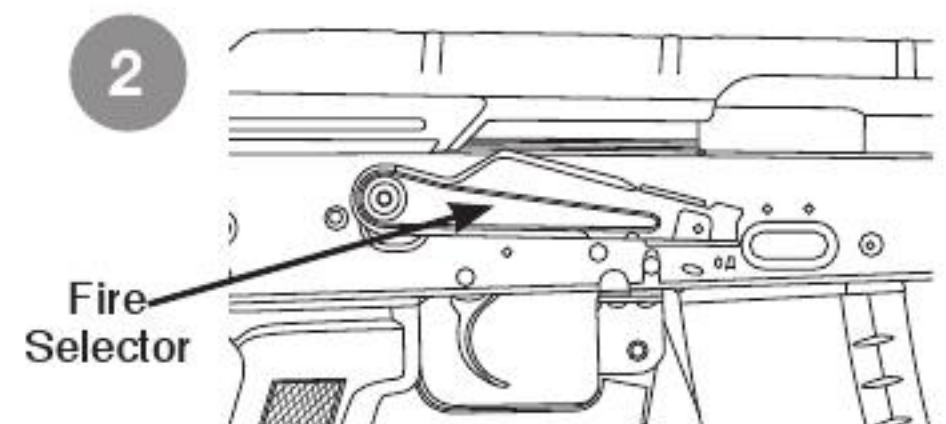
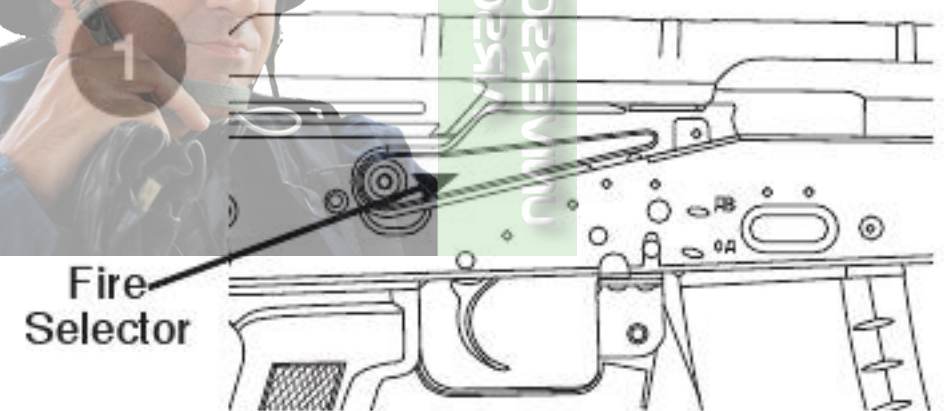
Safe mode is the setting to the upmost position as indicated in the diagram. In this mode the gun will not fire. For safety reasons, you should keep the switch in Safe mode at all times when you are not ready to fire.

### 2. Full Auto

Full Auto mode is the middle setting. In this mode the gun will fire continuously as long as the trigger is engaged.

### 3. Semi-Auto

Semi-Auto mode is the setting to the lowest position. In this mode the gun will fire one shot each time you squeeze the trigger.



## WARNING:

- Do not squeeze the trigger when switching the fire selector.

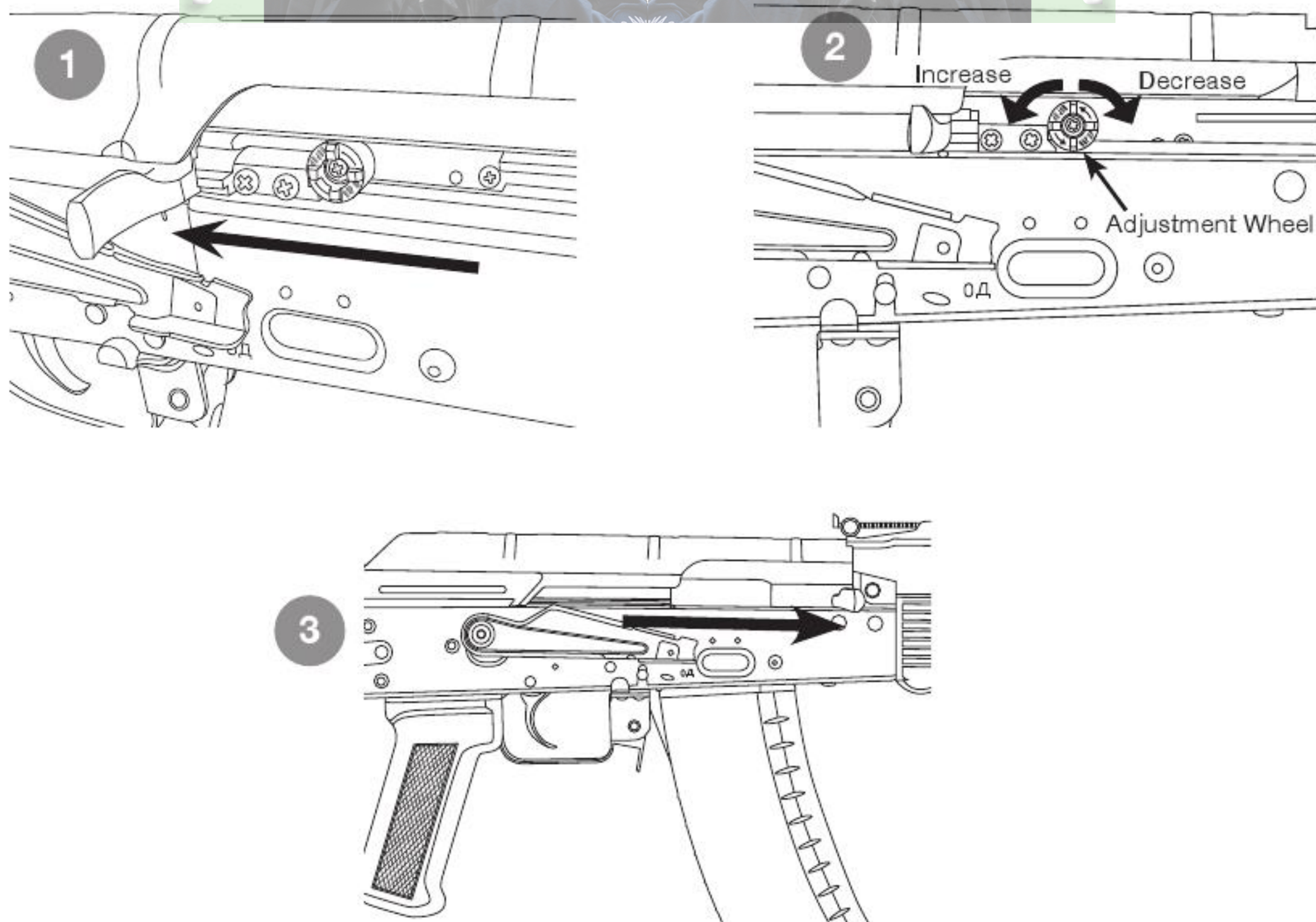
## HOP-UP SYSTEM

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











## HOP-UP ADJUSTMENT

1. Pull back on the charging handle, and hold in place to reveal the Hop-Up adjustment wheel
2. Turn the Hop-Up adjustment wheel left to increase Hop-Up. Turn the Hop-Up adjustment wheel right to decrease Hop-Up.
3. Once the proper setting for the Hop-Up has been reached, let go of the charging handle to release the bolt plate.
  - Excessively turning the Hop-Up adjustment dial up can cause Airsoft BBs to jam. Continued firing with jammed barrel will cause damage to the gearbox or the Hop-Up.
  - When jamming occurs, immediately stop shooting and turn the Hop-Up adjustment wheel down to withdraw the Hop-Up nub. Remove jammed Airsoft BBs.

Before removing jammed airsoft BBs, be sure to return the Hop-Up adjustment wheel to normal position, but it takes some backtracking to find the retracted position. After removing the BBs, test fire 2-3 rounds to check for clearance. Resume adjustment. KWA Airsoft guns are made with precision barrels, so be sure to use only new, high quality 6mm BBs. The use of recycled or low quality Airsoft BBs are the primary cause of jamming. In most cases, it can severely damage the gearbox, inner barrel, and Hop-Up.



## HOP-UP ADJUSTMENT POINT

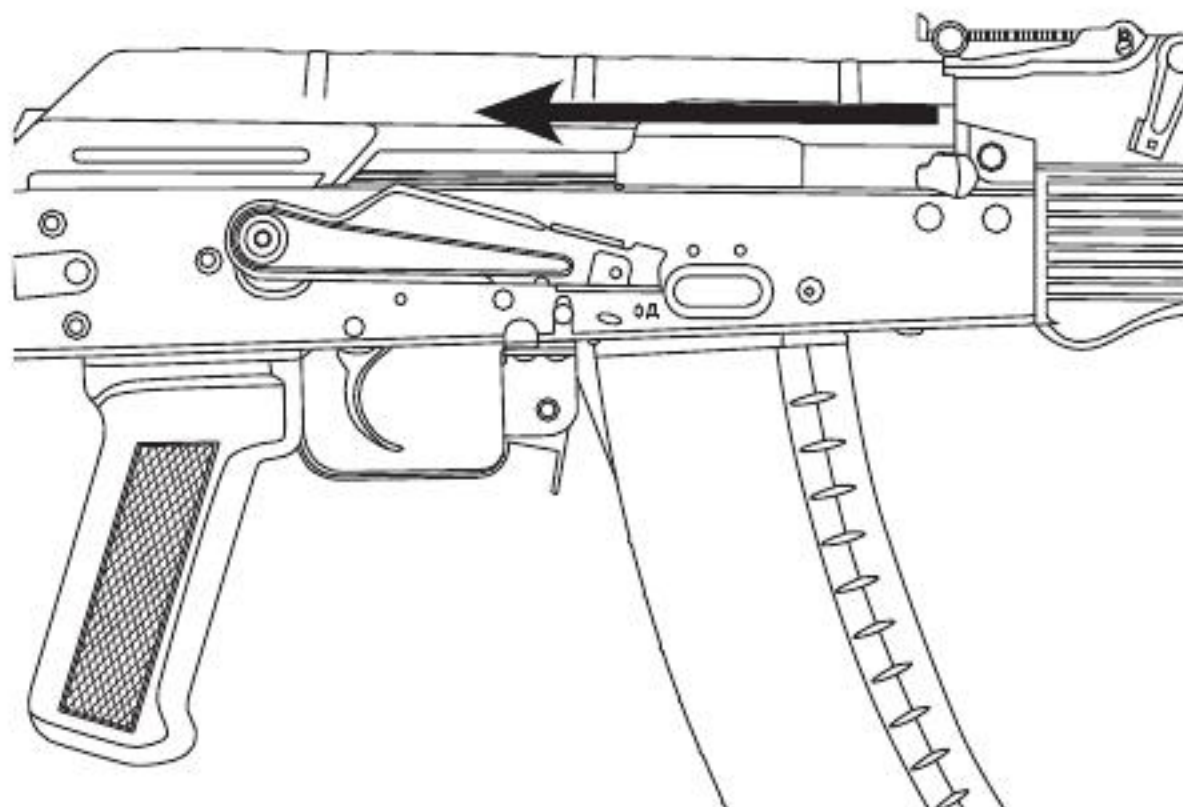
BB TRAJECTORY PATTERN		ADJUSTMENTS
	BB DROPS FREELY	 TURN KNOB TO LEFT
	BB TRAVELS AT SHORT TRAJECTORY PATH	 TURN KNOB SLIGHTLY TO LEFT
	BB TRAVELS DISTANCE AT FLAT TRAJECTORY PATH	 NO ADJUSTMENT MADE
	BB TRAVELS FLAT IN SHORT DISTANCE, THEN GOES UP IN CURVE AND DROPS FREELY	 TURN KNOB SLIGHTLY TO RIGHT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

## AUTO CUT-OFF

The KWA AKR-74M has a mechanical/electrical auto cut-off feature designed to replicate the actions of a real AK74, which ceases to fire after the magazine is empty. To reengage the function on the ERG, pull the charging handle to the rear and release, engaging the gun's firing action.

Although the KWA ERG is compatible with many standard AEG magazines, the auto cut-off feature will be disabled with most aftermarket magazines and the rifle will continue to fire regardless of BBs in the magazine.

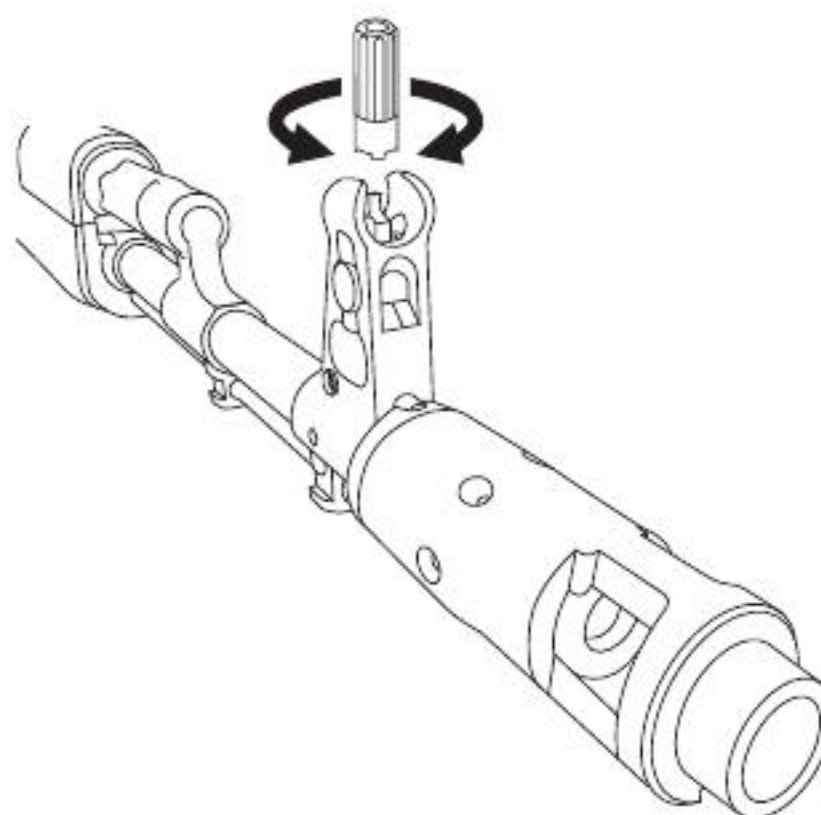
1. Place the loaded magazine into the magazine well until it clicks into place.
2. Lightly pull on the magazine to ensure it is locked in properly.
3. Pull the charging handle to the rear and release, engaging the gun's firing action.



## FRONT AND REAR SIGHT ADJUSTMENT

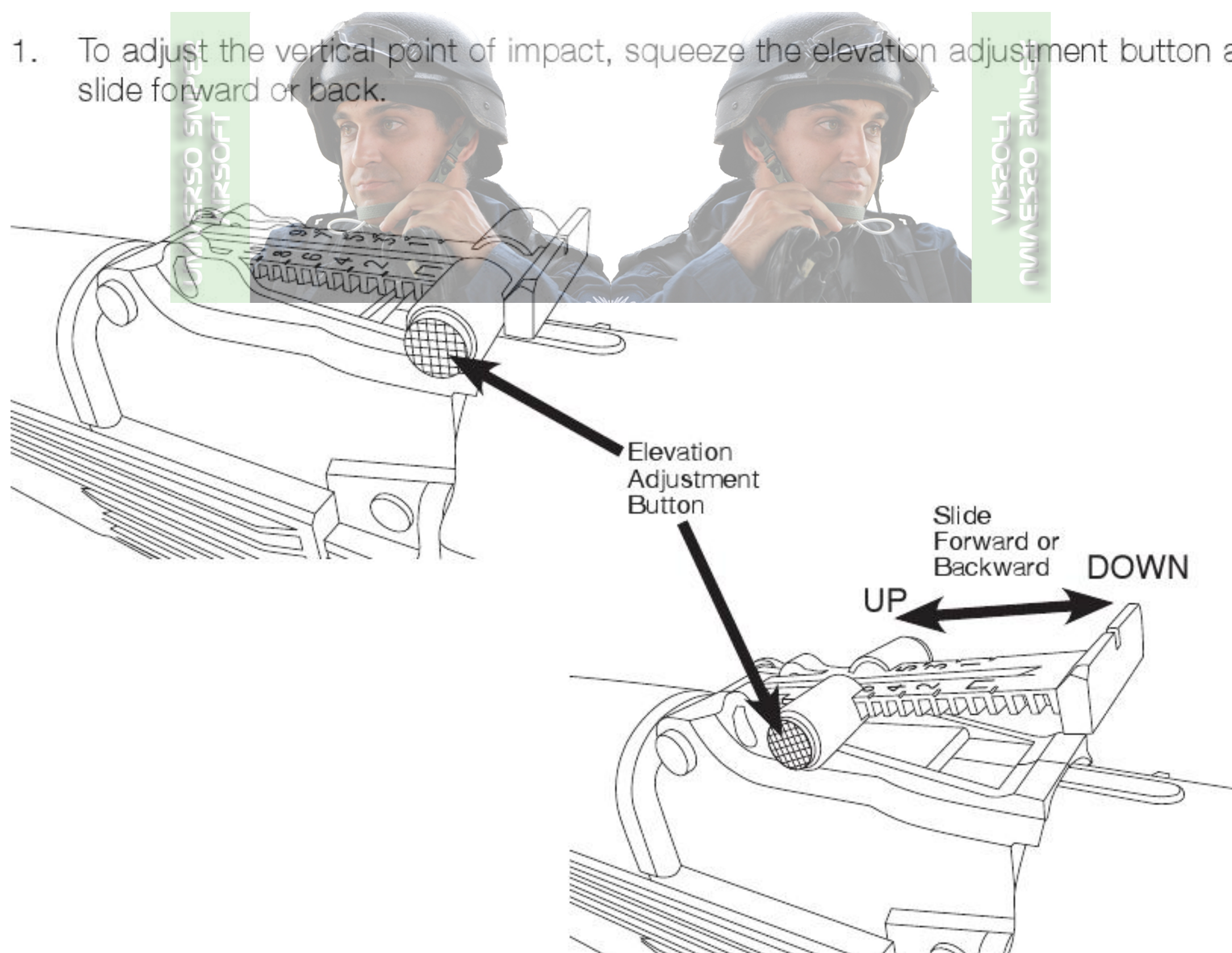
### FRONT SIGHT ADJUSTMENT

1. The front sight can be moved up and down to zero the sights.
2. Turn counterclockwise to raise the post.
3. Turn clockwise to lower the post.



### REAR SIGHT ADJUSTMENT

1. To adjust the vertical point of impact, squeeze the elevation adjustment button and slide forward or back.



#### WARNING:

-If turned too far, the front sight will come off.

## CLEANING



### WARNING:

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

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.

1. Ensure that the safety is engaged.
2. Remove the magazine and clear the chamber of loaded BBs.
3. Disassemble the receiver (see Disassembly section page 15).
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 a-c when necessary.





## BASIC TROUBLESHOOTING GUIDE FOR RIFLES

SYMPTOMS	POSSIBLE CAUSE	SOLUTIONS
Airsoft gun is not firing	Selector set to Safe Mode	Select Semi-Auto or Full-auto Mode
	Motor damaged or bad connection	Return gun for professional care
	Pinched wiring	Return gun for professional care
Motor or battery is hot after use	Pinched wiring	Return gun for professional care
	Motor damaged or bad connection	Return gun for professional care
Semi-Auto feature not functioning	Incorrect timing	Dry fire on Full-Auto
High pitch or grinding noise	Gear may be damaged/ Motor level not adjusted	Return gun for professional care
BB double feeding/rolling out of barrel	Hop-Up unit is contaminated	Clean Hop-Up unit with cleaning rod
	Hop-Up unit may be damaged	Return gun for professional care
Inner barrel is jammed	Use of low quality/recycled BBs	Use KWA Perfect BBs or other high quality BBs
	Inner barrel is contaminated	Clean inner barrel with cleaning rod
	Inner barrel is damaged	Return gun for professional care

## 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.

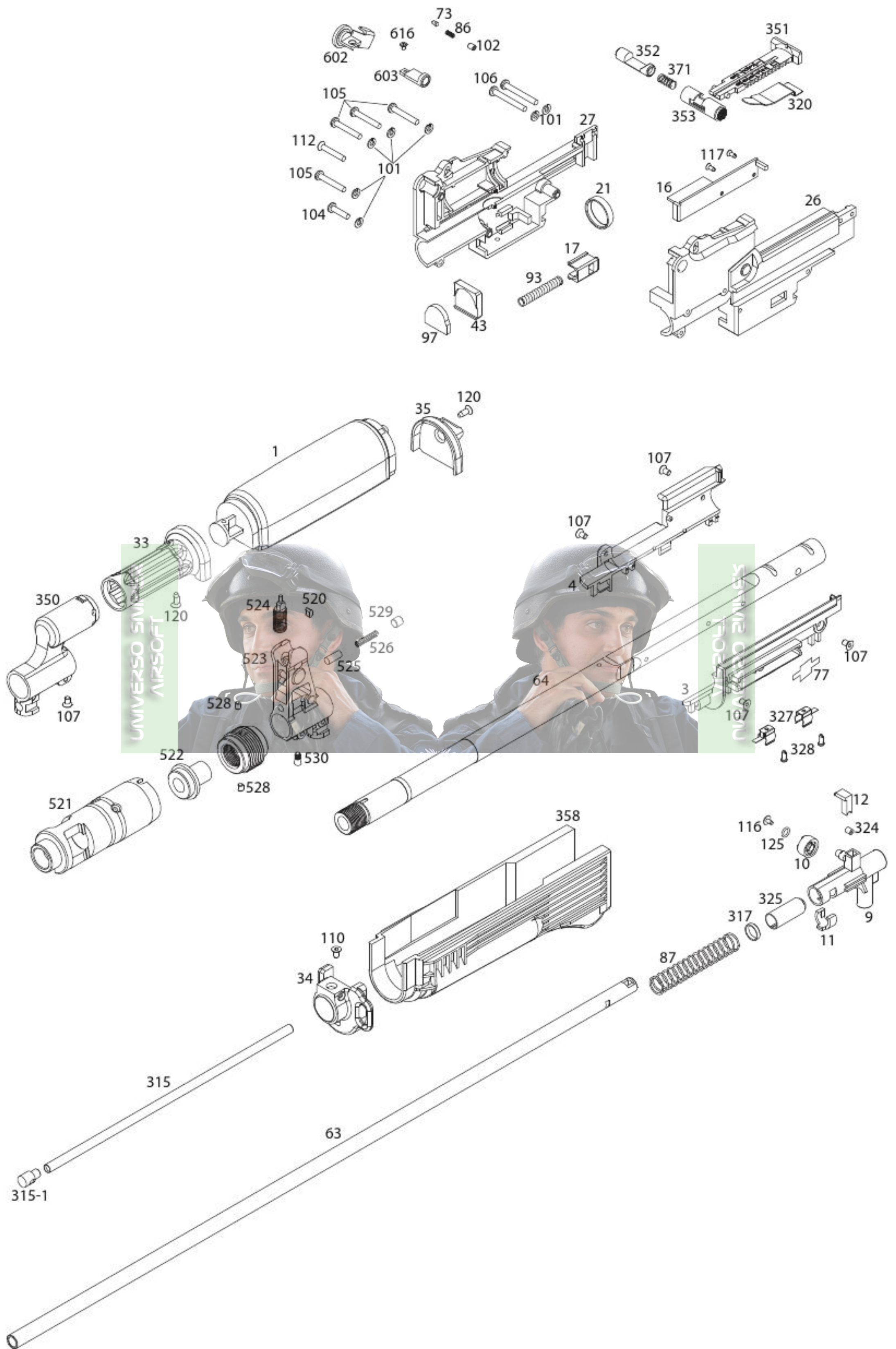
### Extreme Heat:

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.

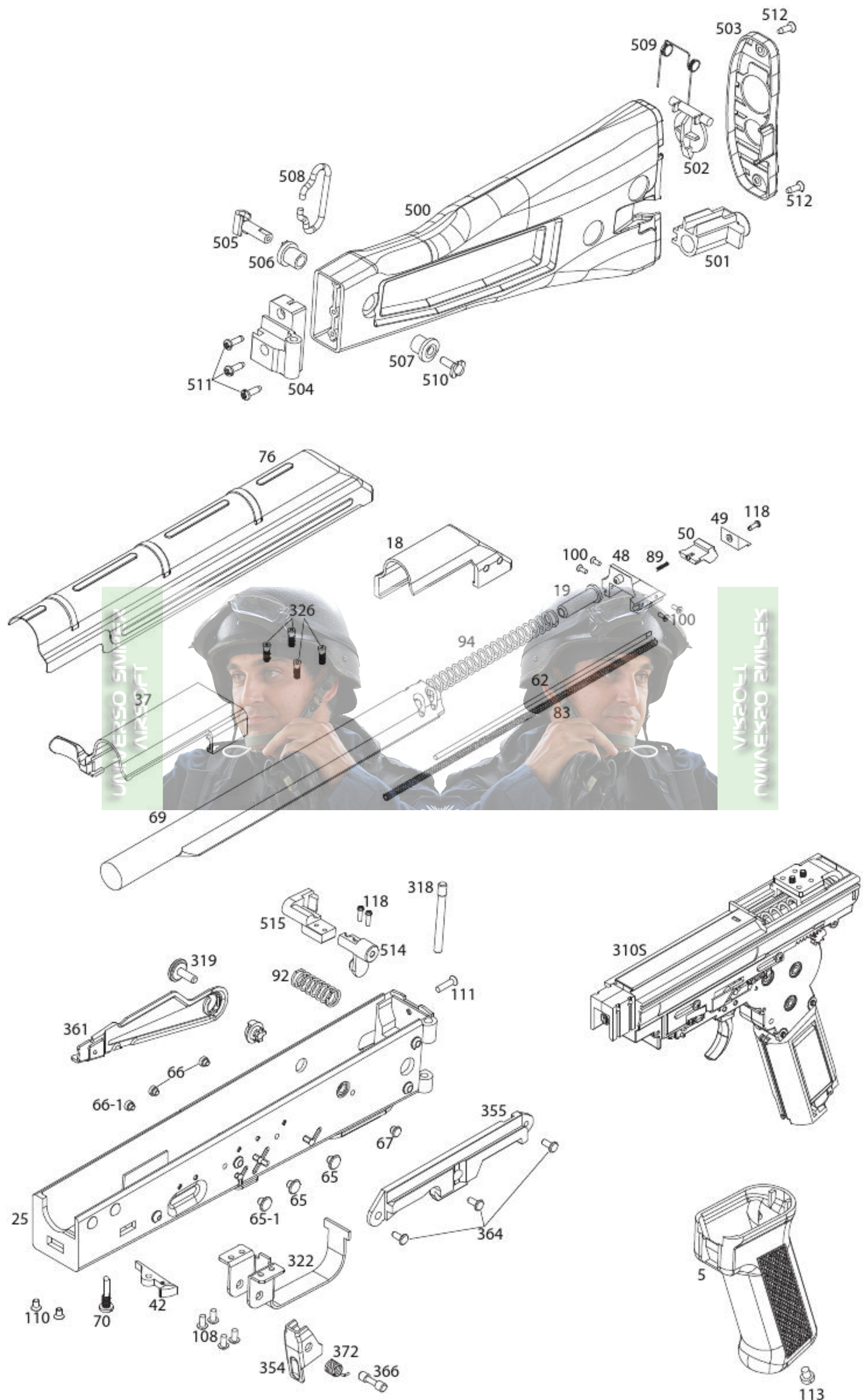
### Dust or Sand:

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.

AKR-74M PARTS DIAGRAM



AKR-74M PARTS DIAGRAM (Continued)



## AKR-74M PARTS LIST

Part #	Description
199-1607-1	Upper Handguard
199-1607-3	Fuse Housing (Left)
199-1607-4	Fuse Housing (Right)
199-1607-5	Pistol Grip
199-1607-9	Hop-Up Housing
199-1607-10	Hop-Up Dial
199-1607-11	Inner Barrel Lock
199-1607-12	Hop-Up Tension Bar
199-1607-16	Recoil Rack Cover
199-1607-17	Stock Lock Housing
199-1607-18	Recoil Weight Cover
199-1607-19	Recoil Spring Guide
199-1607-21	Recoil Weight Ring
199-1607-25	Receiver
199-1607-26	Outer Barrel Base (Left)
199-1607-27	Outer Barrel Base (Right)
199-1607-33	Gas Tube
199-1607-34	Lower Handguard Retainer/Front Sling Mount
199-1607-35	Upper Handguard End Cap
199-1607-37	Bolt Carrier
199-1607-42	Stock Lock
199-1607-43	Recoil Buffer Plate
199-1607-45	Selector Lever Base
199-1607-48	Recoil Spring Guide Base
199-1607-49	Recoil Weight Cover Retainer
199-1607-50	Recoil Weight Cover Lock
199-1607-62	Bolt Spring Guide
199-1607-63	Inner Barrel
199-1607-64	Outer Barrel
199-1607-65	Receiver Pin (Left)
199-1607-65-1	Receiver Pin (Left) (Short)
199-1607-66	Receiver Pin (Right)
199-1607-66-1	Receiver Pin (Right) (Short)
199-1607-67	Selector Pin
199-1607-69	Recoil Weight
199-1607-70	Stock Lock Screw
199-1607-73	Gas Tube Lock Pin
199-1607-76	Dust Cover
199-1607-77	Power Extension Plate
199-1607-83	Bolt Spring
199-1607-86	Gas Tube Lock Spring
199-1607-87	Inner Barrel Spring
199-1607-89	Weight Cover Lock Spring
199-1607-92	Stock Button Spring
199-1607-93	Stock Lock Spring

Part #	Description
199-1607-94	Recoil Weight Spring
199-1607-97	Recoil Buffer
199-1607-100	M2X5 Recoil Weight Cover Screw
199-1607-101	Lock Washer
199-1607-102	M3X4 Screw
199-1607-104	M3X12 Outer Barrel Base Screw (Small)
199-1607-105	M3X20 Outer Barrel Base Screw (Medium)
199-1607-106	M3X22 Outer Barrel Base Screw (Large)
199-1607-107	M3X5 Fuse House Screw
199-1607-108	M3X6 Trigger Guard Screw
199-1607-110	M3X6 Receiver Screw
199-1607-111	M3X12 Receiver End Screw
199-1607-112	M3X18 Screw
199-1607-113	Grip Screw
199-1607-116	Hop-Up Wheel Screw
199-1607-117	Recoil Rack Cover Screw
199-1607-118	M2X5 Screw
199-1607-120	M3X8 Screw
199-1607-125	Hop-Up Wheel O-Ring
199-1607-310S	Gearbox Assembly
199-1607-311	Fuse
199-1607-315	Cleaning Rod
199-1607-315-1	Cleaning Rod End Cap
199-1607-317	Inner Barrel Ring
199-1607-318	Stock Pin
199-1607-319	Selector Lever Screw
199-1607-320	Rear Sight Leaf Spring
199-1607-322	Trigger Guard
199-1607-324	Hop-Up Nub
199-1607-325	Hop-Up Bucking
199-1607-326	Recoil Weight Screw
199-1607-327	Fuse Clamps
199-1607-328	Fuse Clamp Screw x2
199-1607-350	Gas Tube Base
199-1607-351	Rear Sight
199-1607-352	Elevation Adjustment Button
199-1607-353	Elevation Adjustment Bar
199-1607-354	Magazine Catch Lever
199-1607-355	Optics Rail
199-1607-358	Lower Handguard
199-1607-361	Selector Lever
199-1607-364	Optics Rail Rivet
199-1607-366	Magazine Catch Pin
199-1607-371	Elevation Adjustment Spring
199-1607-372	Magazine Catch Spring

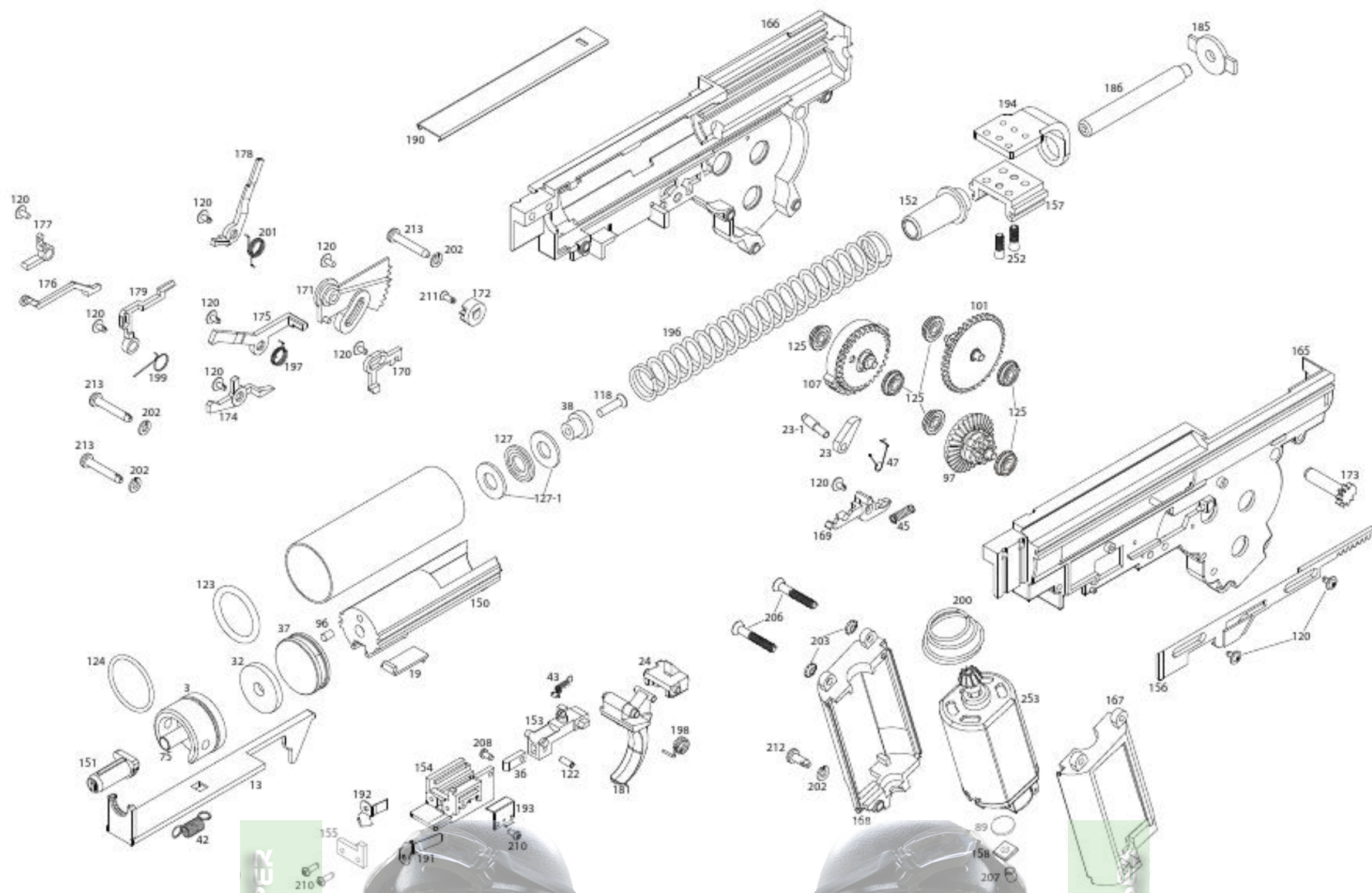
## AKR-74M PARTS LIST (Continued)

Part #	Description
199-1607-500	Stock
199-1607-501	Stock Release Button
199-1607-502	Cleaning Kit Cover
199-1607-503	Stock Butt Plate
199-1607-504	Stock Base Block
199-1607-505	Sling Swivel Base
199-1607-506	Swivel Bushing (Right)
199-1607-507	Swivel Bushing (Left)
199-1607-508	Sling Swivel
199-1607-509	Cleaning Kit Cover Spring
199-1607-510	Sling Swivel Base Screw
199-1607-511	M3X10 Stock Base Block Screw
199-1607-512	M3X10 Butt Plate Screw
199-1607-514	Stock Button
199-1607-515	Stock Button Lock

Part #	Description
199-1607-520	Front Sight Detent
199-1607-521	Muzzle Break
199-1607-522	Muzzle Break Spacer
199-1607-523	Front Sight Housing
199-1607-524	Front Sight Post
199-1607-525	Muzzle Break Plunger
199-1607-526	Plunger Spring
199-1607-527	Muzzle Break Base
199-1607-528	M3X4 Set Screw
199-1607-529	M5X5 Set Screw
199-1607-530	Front Sight Base Screw
199-1607-602	Gas Tube Lock Lever
199-1607-603	Lock Lever Base
199-1607-616	M2X3 Screw



AKR-74M 3GX GEARBOX PARTS DIAGRAM and PARTS LIST

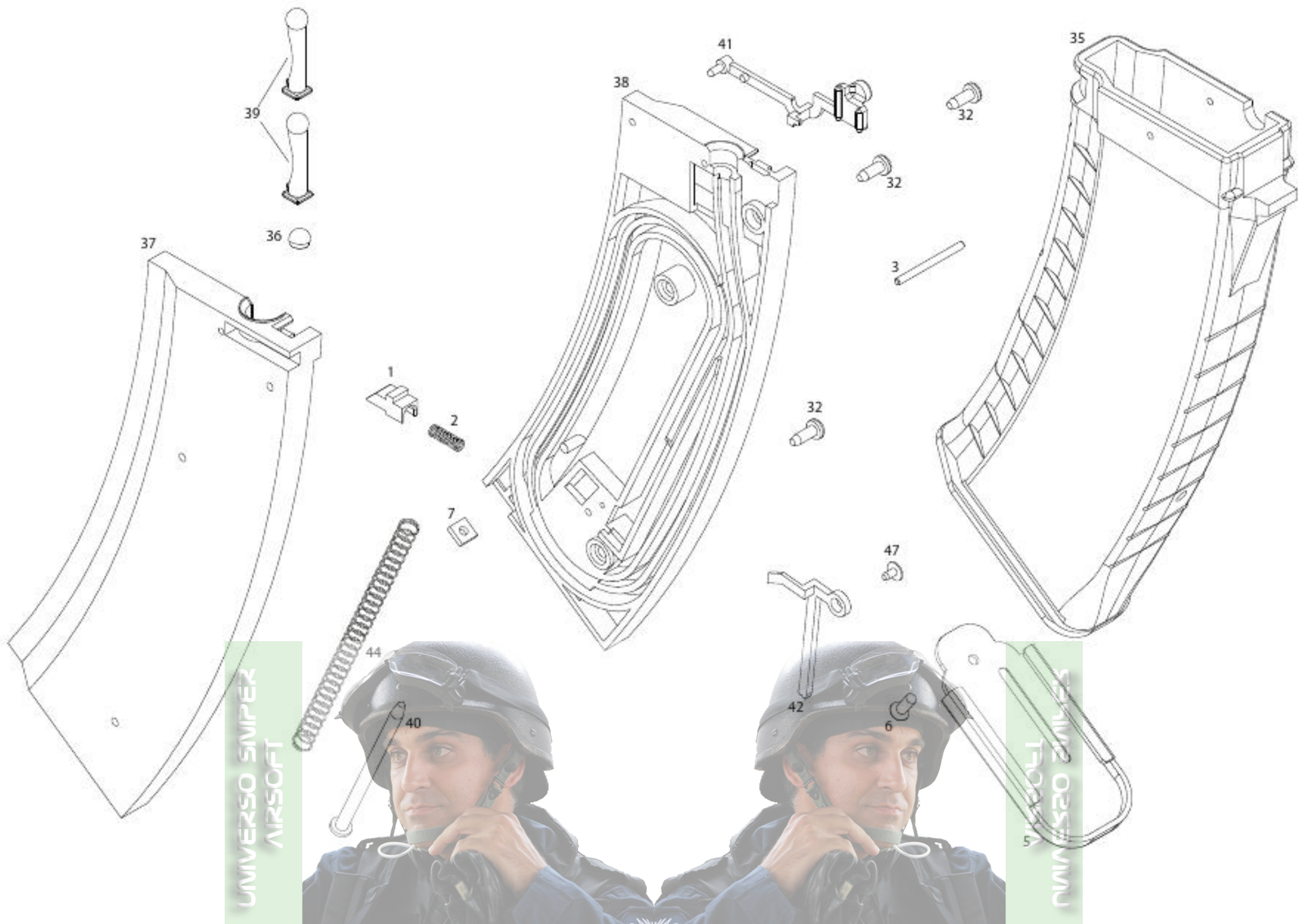


Part #	Description
M3	Cylinder Head
M13	Tappet Plate
M19	Piston Steel Teeth
M23	Anti-Reverse Latch
M23-1	Anti-Reverse Latch Axis
M32	Cylinder Head Buffer
M33	Cylinder
M36	Trigger Shuttle Contact Brush
M37	Piston Head
M38	Piston Head Retainer
M43	Trigger Shuttle Spring
M45	Trigger Reset Bar Spring
M47	Anti-Reverse Latch Spring
M75	Cylinder Head Nozzle
M89	Motor Adjustment Plate
M96	Piston Head Alignment Screw
M97	Bevel Gear
M101	Spur Gear
M107	Sector Gear
M118	Piston Head Retainer Screw
M120	Retainer Screw x10
M122	Trigger Shuttle Pin
M123	Piston Head O-Ring
M124	Cylinder Head O-Ring
M125	Bearings 9mm x6
M127	Piston Head Washers x2

Part #	Description
M127-1	Piston Head Beveled Washer
M150	Piston
M151	Air Nozzle
M152	Main Piston Spring Guide
M153	Trigger Shuttle
M154	Trigger Shuttle Housing
M155	Shuttle Housing Front Plate
M156	Selector Plate
M157	Recoil Weight Guide Plate
M158	Motor Adjustment Threaded Plate
M165	Gearbox Shell (Left)
M166	Gearbox Shell (Right)
M167	Motor Housing (Left)
M168	Motor Housing (Right)
M169	Trigger Reset Bar
M170	Safety Plate
M171	Selector Plate (Right)
M172	Selector Fly Wheel
M173	Selector Plate Transfer Bar
M174	Cut-Off Lever #1
M175	Cut-Off Lever #2
M176	Cut-Off Lever #3
M177	Cut-Off Lever #4
M178	Cut-Off Lever #5
M179	Cut-Off Lever #6
M181	Trigger

Part #	Description
M185	Piston Spring Guide Base
M186	Piston Spring Guide Bar
M190	Gearbox Lock Plate
M191	Shuttle Contact Brush (Left)
M192	Shuttle Contact Brush (Right)
M193	Shuttle Housing Plate (Left)
M194	Recoil Top Bracket
M196	Main Piston Spring
M197	Cut-Off Lever #2 Spring
M198	Trigger Spring
M199	Cut-Off Lever #6 Spring
M200	Motor Tension Spring
M201	Cut-Off Lever #5 Spring
M202	Lock Washer x4
M203	Pressure Washer x2
M206	Motor Housing Screw (Long) x2
M207	Motor Housing Set Screw
M208	Shuttle Housing Screw
M210	Shuttle Housing Plate Screw
M211	Selector Fly Wheel Screw
M212	Motor Housing Screw (Short)
M213	Gearbox Screw (Long) x3
M252	Guide Plate Screw x2
M253	Motor

**AK60 ERG MAGAZINE PARTS DIAGRAM and PARTS LIST**



Part #	Description
MG1	BB Retainer
MG2	BB Retainer Spring
MG3	Inner Shell Lock Pin
MG5	Base Plate
MG6	Base Plate Screw
MG7	Base Plate Screw Retainer
MG32	Inner Shell Screw
MG35	Outer Case
MG36	Follower Spring Cap
MG37	Inner Shell (Left)
MG38	Inner Shell (Right)
MG39	Follower
MG40	Follower Spring Guide
MG41	Cut-Off Lever
MG42	Selector Lever
MG44	Follower Spring
MG47	Selector Lever Screw



**KWA<sup>®</sup>**

**KWA Performance Industries, Inc.**

18571 E. Gale Ave.

City of Industry, CA 91748

T: (626) 581-1777 • F: (626) 581-0777

[KWAUSA.COM](http://KWAUSA.COM)