

# **OPERATOR'S MANUAL**



# KM16BR

# KM16BR

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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 175 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 spring pressure while performing maintenance on your Airsoft gun.

# Assume Every Gun is Aiways 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.

# **SPECIFICATIONS**

- Overall Length = 100.33 cm [39.5"]
- Outer Barrel Length = 515 mm [20.27"]
- Inner Barrel Length = 509 mm
- Inner Barrel Diameter = 6.05 mm
- Weight = 3.21 kg [7.7 lbs]
- Barrel Thread = -14 mm
- Caliber = 6 mm
- Magazine Capacity = 120 rounds
- Rate of Fire = 20+ RPS
- Velocity = 118-125 MPS [390-410 FPS]
- Energy Output with 0.20g BB = 1.49 Joules
- Power Source = 9.6v NiMh, 7.4v or 11.1v 15c Li-po/Li-Fe

#### **Special Features:**

- KWA 2GX gearbox
- KWA 2G high performance bucking
- Removable carry handle
- Full metal flat top upper receiver
- Full metal alloy lower receiver
- · Adjustable front and rear sights
- Fiber reinforced fixed stock with battery compartment
- Semi and full auto selective fire
- Adjustable hop-up

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

# PACKAGE CONTENTS

- 1 KM16BR Airsoft gun
- 2 Allen Wrenches (For cap screw removal)
- 1 Safety Cap
- 1 Sight Adjustment Tool
- 1 Cleaning Rod
- 1 Owners Manual
- 1 K120 Magazine

# **BREAK-IN PERIOD**

Airsoft guns, like many other products require a "break-in" period to ensure the optimal performance. This break-in period allows the spring, piston, gears and other moving parts to be seated and become more consistent in their movements. Every new KWA KM16 Airsoft gun spring is manufactured with more tension than is required, this break-in period will allow the spring to "settle" and operate at the specified FPS range.

The KWA KM16 Airsoft gun's break-in period will require a minimum of 2000 rounds. During this break-in period, the Airsoft gun will require more cleaning because it will expel excessive grease from the gearbox. After the break-in period, the gun will operate within factory specification. The accuracy of the brass barrel will also improve as you continue to use the gun.



## LOADING MAGAZINE

- Release the magazine from the Airsoft gun by pressing the magazine release button.
- 2. Feed the BBs into the magazine through the magazine feed lip as shown.

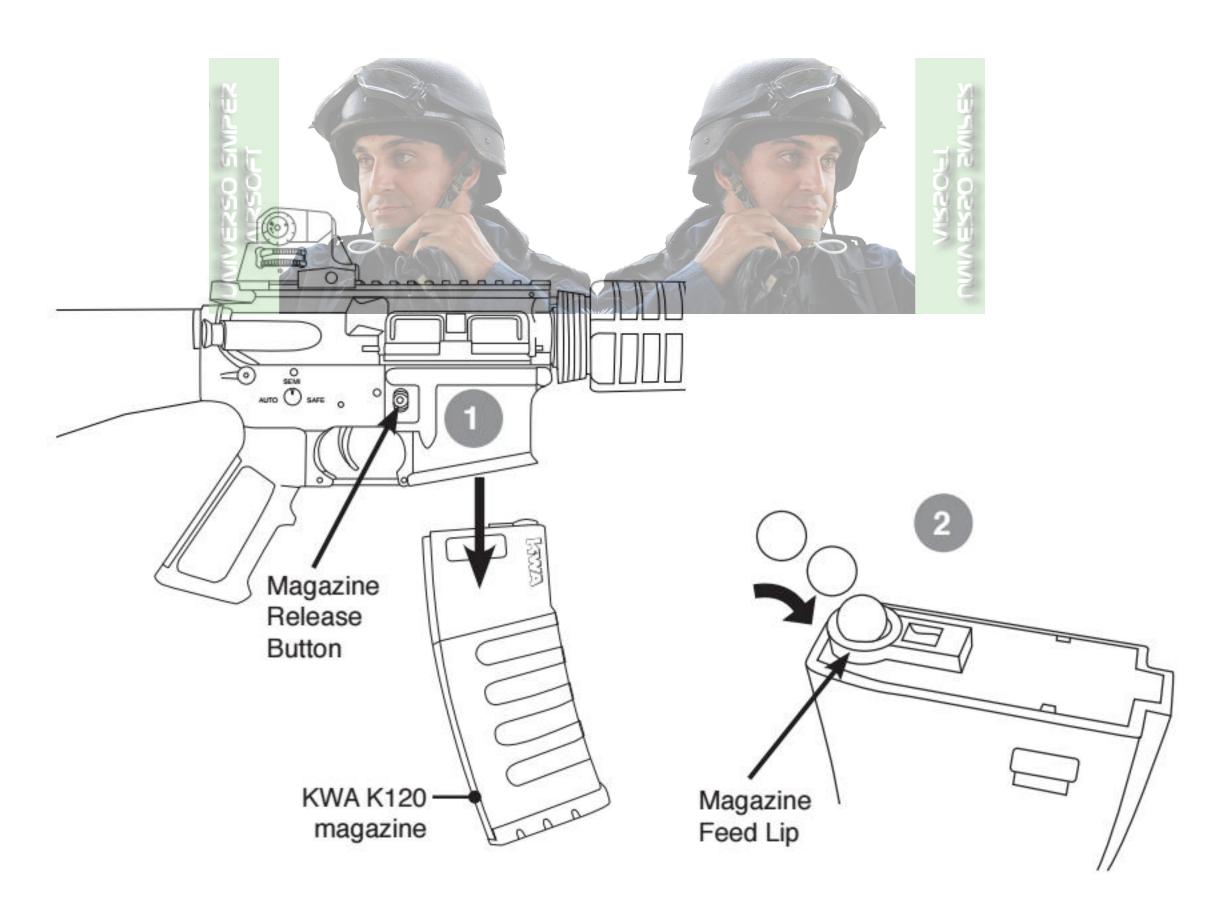
**NOTE:** The use of a BB loader, such as the KWA High Performance BB Loader, can help make the loading process easier and faster.

# Loading safety tips:

- Switch the selector to safe
- · Be sure the safety cap is on
- Keep your finger off the trigger at all times



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.

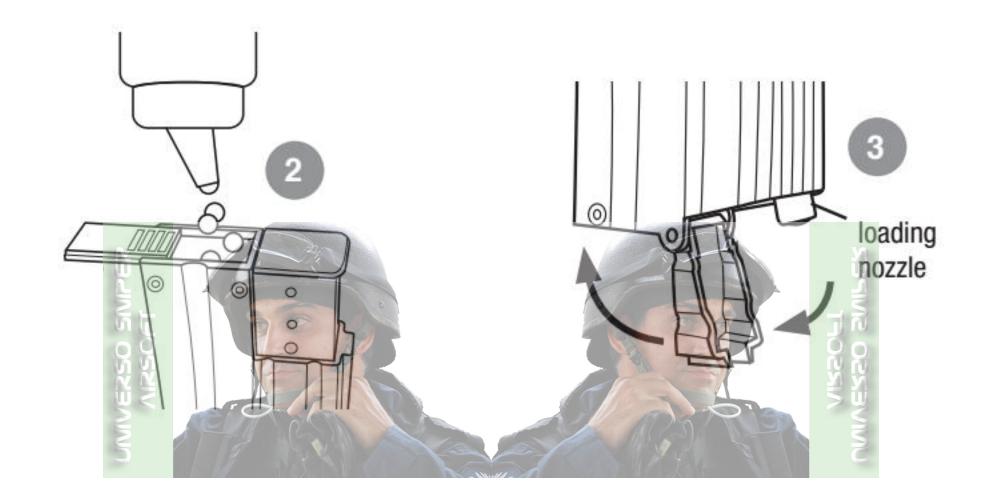


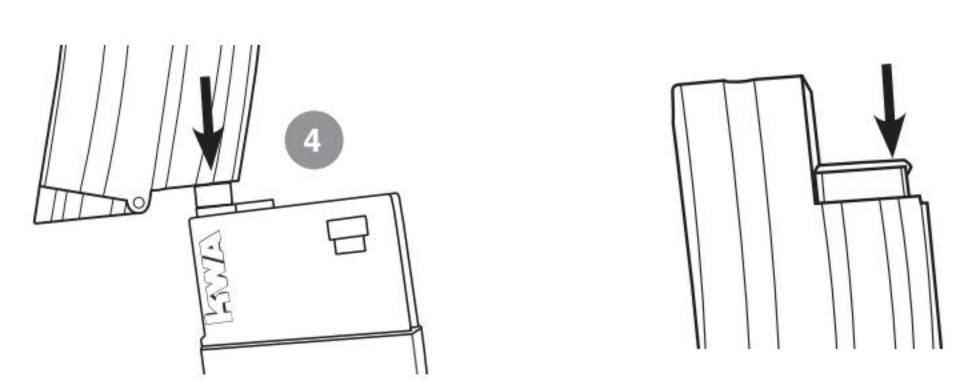


WARNING: KWA K120 magazine holds 120 rounds of BBs. DO NOT load more than 120 rounds into the magazine. Overloading will cause jamming and feeding issue.

# USING KWA HIGH PERFORMANCE BB LOADER (Purchase Separately)

- Release the magazine from the Airsoft gun by pressing the magazine release button.
- 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.





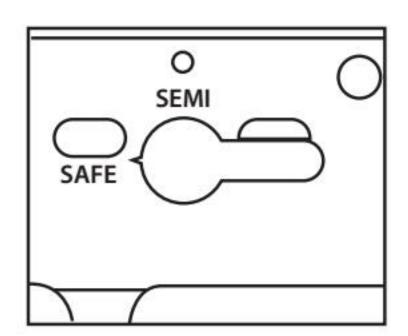


WARNING: Always use high quality 6mm BBs, weight 0.2g or higher. For best result use 0.25g KWA Perfect BBs. Never use recycled or low grade BBs to prevent damage to your gun.

# FIRE SELECTOR SWITCH

#### 1. Safe

In Safe 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.



SEMI

AUTO

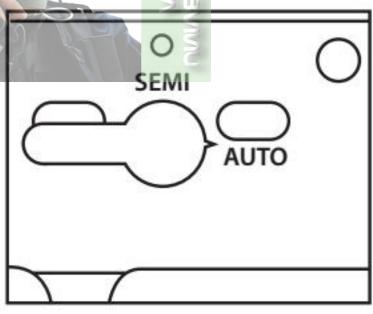
#### 2. Semi-Auto

In Semi-Auto mode the gun will fire one shot for each time you pull the trigger.



3. Full Auto

long as the trigger is depressed.

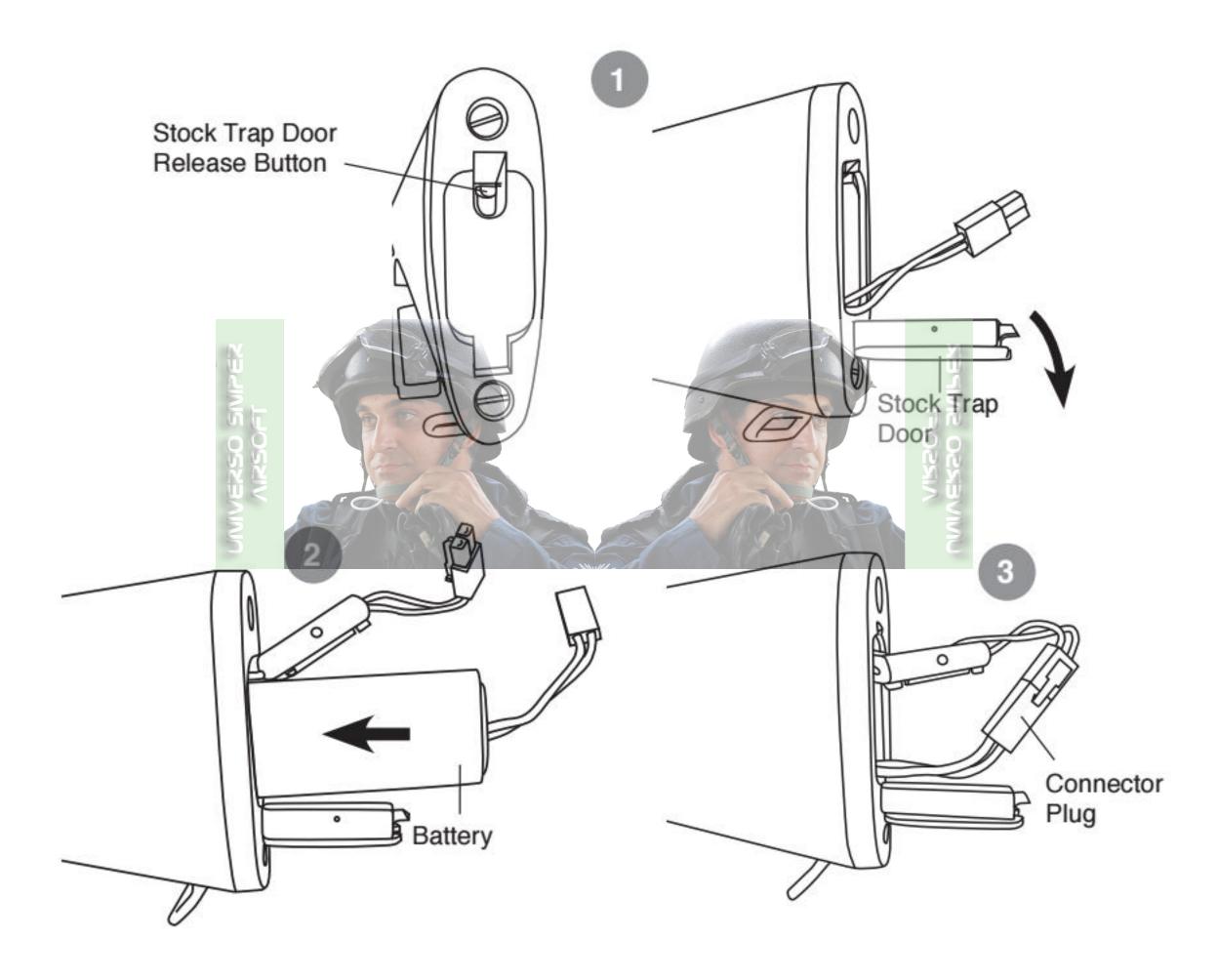




WARNING: Do not pull the trigger when switching the fire selector.

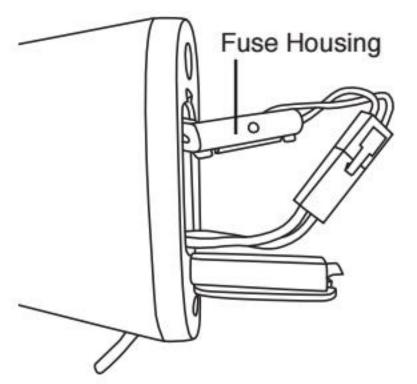
# **BATTERY INSTALLATION**

- Set the fire selector switch to safe mode. Push down on the stock trap door release button to open the stock. Pull out the connector wire from inside the stock.
- Place the battery into the stock.
- 3. Push the connector plugs together firmly until they click into place.
- 4. Push the wires into the stock and close the stock trap door.



# **FUSE**

To replace the fuse, remove the butt stock cover and replace the fuse with a 20A glass fuse.



#### HOP-UP SYSTEM

The Hop-Up device is one of KWA's standard features, giving Airsoft BBs greater stability, further 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**

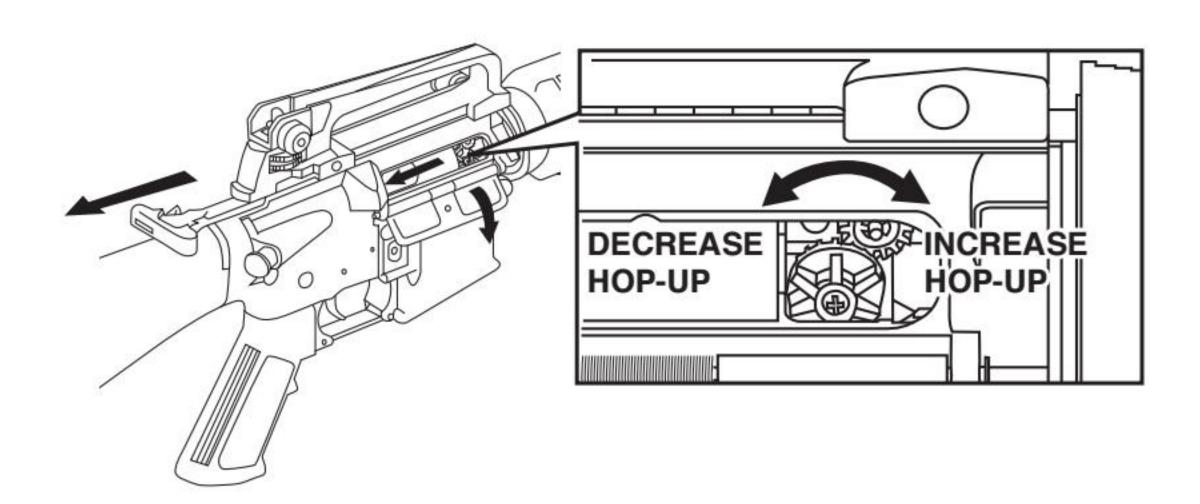
- Pull the charging handle to the rear, the ejection port will open and Hop-Up adjustment dial is revealed. Pull and hold charging handle to the rear when adjusting Hop-Up.
- Turn the Hop-Up adjustment dial forward to increase hop-up. Turn the Hop-Up adjustment dial backward to decrease hop-up.
- Excessively turning of Hop-Up adjustment dial forward can cause Airsoft BBs to jam. Continued firing with a jammed barrel will cause damage to the gearbox.
- When jamming occurs, immediately stop shooting and turn the Hop-Up adjustment dial backward to decrease hop. Remove jammed Airsoft BBs.

Before removing jammed Airsoft BBs, be sure to return the hop-up adjustment dial to normal position. After removal of Airsoft BBs, test fire 2 – 3 rounds to check for clearance. Resume adjustment. KWA Airsoft guns are made with precision barrel, use only new, quality Airsoft 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 and inner barrel.

Excessive Hop - Airsoft BB travels an upward trajectory path. Turn Hop-Up adjustment dial backward to decrease hop-up.

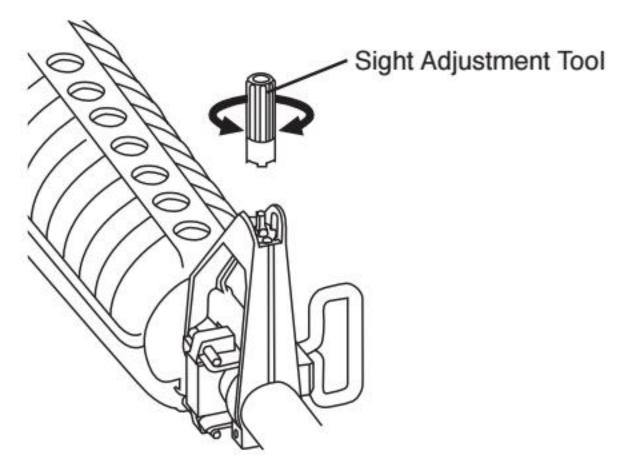
Perfect Hop - Airsoft BB travels long distance horizontally.

Inefficient Hop – Airsoft BB travels a downward trajectory path. Turn Hop-Up adjustment dial forward to increase hop.



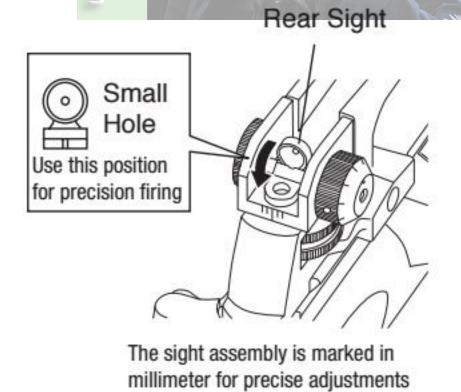
# FRONT SIGHT ADJUSTMENT

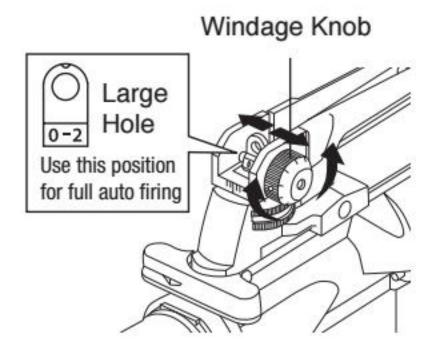
- · The front sight can be moved up and down when zeroing rear sight
- Turn counter clockwise to lower the point of Impact
- Stop turning when a click sound is heard

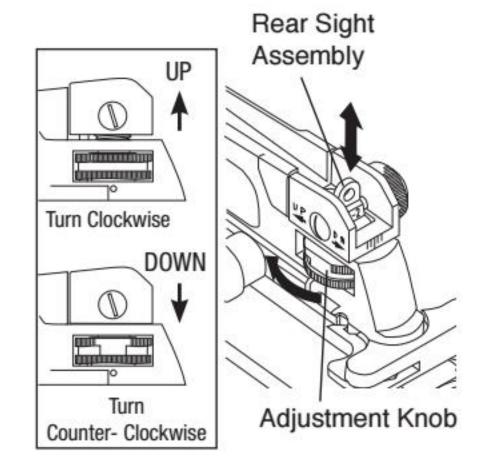


# REAR SIGHT ADJUSTMENT

- Flip the rear sight between general and precise aiming
- To adjust the horizontal point of impact, rotate the windage knob located on the rear of the sight
- To adjust the vertical point of impact, rotate the sight elevation knob located on the right side of the sight



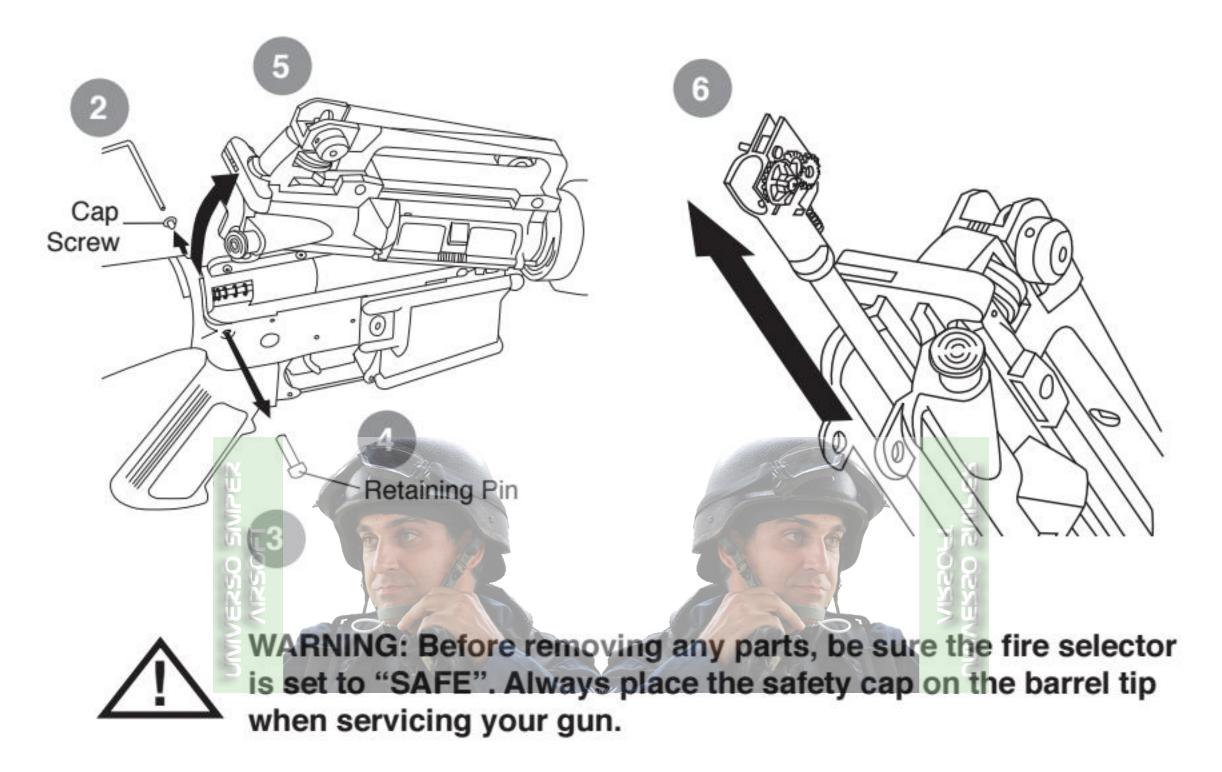




## DISASSEMBLY

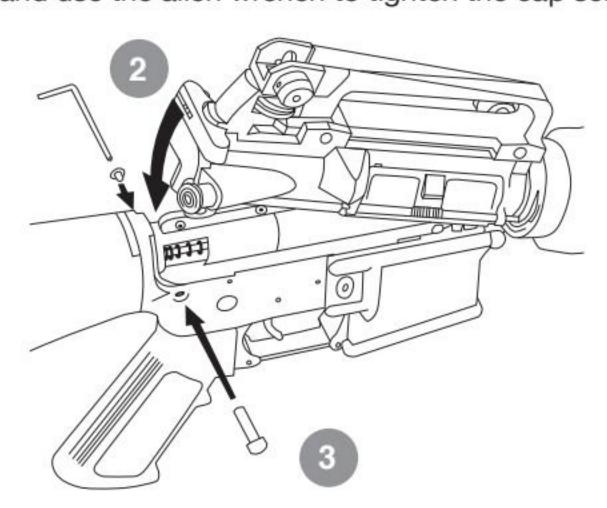
Note: Before opening the receiver, the piston must be in forward position.

- 1. Fire in semi-automatic mode 2-3 times to clear the barrel and reset piston.
- 2. Remove the Rear Pin only from lower receiver with the provided Allen wrenches.
- 3. Use 1 wrench to hold cap screw, the other to turn set pin.
- 4. After the removal of cap screw, use allen wrench to push pin out.
- 5. Pull the Upper receiver up.
- 6. Slide out the inner barrel with Hop-Up assembly.



# **ASSEMBLY**

- Insert the inner barrel and Hop-Up assembly into the upper receiver.
- Secure the Hop-Up assembly into the upper receiver. Push down the upper receiver to close.
- 3. Align the pin holes. Insert Pin and use the allen wrench to tighten the cap screw.



## **CLEANING**



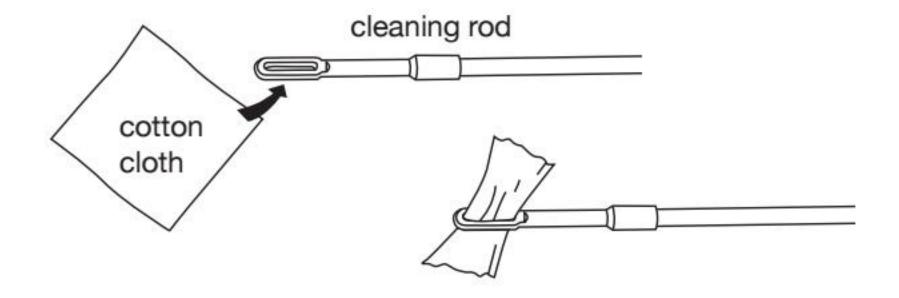
# WARNING! Unload and clear the Airsoft gun before cleaning.

# Cleaning Procedure

The Airsoft gun barrel should be cleaned after each shooting session. Regular cleaning prevents the effects of BB residue buildup that can hinder performance or jam the gun.

- Ensure that the safety is engaged
- 2. Remove the magazine and clear the chamber of loaded BBs
- Disable Hop-Up by dialing to the OFF position (see Hop-Up section)
- 4. Disassemble the receiver (see Disassembly section)
- 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.
  - Remove the cleaning rod and check the cotton cloth for dirt. Repeat steps

     a. through c. when necessary.





WARNING! DO NOT use spray silicone oil as a cleaning solution for the inner barrel.

# BASIC TROUBLESHOOTING GUIDE FOR RIFLE

SYMPTOMS	CAUSE	SOLUTIONS
Air Soft gun is not firing	Selector set to Safe Mode	Select Semi-Auto or Full-Auto Mode
	Dead battery	Replace or Charge battery
	Burned out fuse	Replace with a new fuse
	Motor damaged or bad connection	Return gun for professional care
	Pinched wiring	Return gun for professional care
Motor is running but not firing	Internal failure	Return gun for professional care
Motor or Battery is hot after short use	Pinched wiring	Return gun for professional care
	Motor damaged or bad connection	Return gun for professional care
Semi-Auto feature not functioning properly	Incorrect timing	Set selector to full-auto mode. Dry fire 10-20 rounds before returning it to semi-auto mode
Semi-Auto feature not functioning at all	Internal failure	Return gun for professional care
Firing cycle slows down	Weak battery	Recharge battery
High pitch or grinding noise	Gear may be damaged or Motor level not adjusted	Return gum for professional care
BB travels upward	Excessive hop	Turn hop adjustment dial backward
BB travels downward	Insufficient hop	Turn hop adjustment dial forward
BB double feeding or rolling out of the barrel	Excessive oil in chamber	Fire 200 rounds to eliminate excessive oil
	Hop-Up unit is contaminated	Clean Hop-Up unit with supplied cleaning rod
	Hop-Up unit may be damaged	Return gun for professional care
Hop-Up unit can't be adjusted	Damaged adjustment dial or internal parts	Return gun for professional care
Inner barrel is jammed	Use of recycled or low quality BBs	Use KWA Perfect BBs or other high quality BBs
	Inner barrel is contaminated	Clean inner barrel with supplied cleaning rod
	Inner barrel is damaged	Return gun for professional care
Hi-cap magazine not feeding	Magazine has not been wound.	Wind wheel underneath magazine
	BBs are lodged inside the magazine	Shake or tap magazine to unclog the BBs
	Internal failure	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 temperature will cause the Hop-Up Bucking to harden, reducing its effectiveness or cause the gearbox shell to fracture during operation, rendering the gun inoperable.

#### **Extreme Heat:**

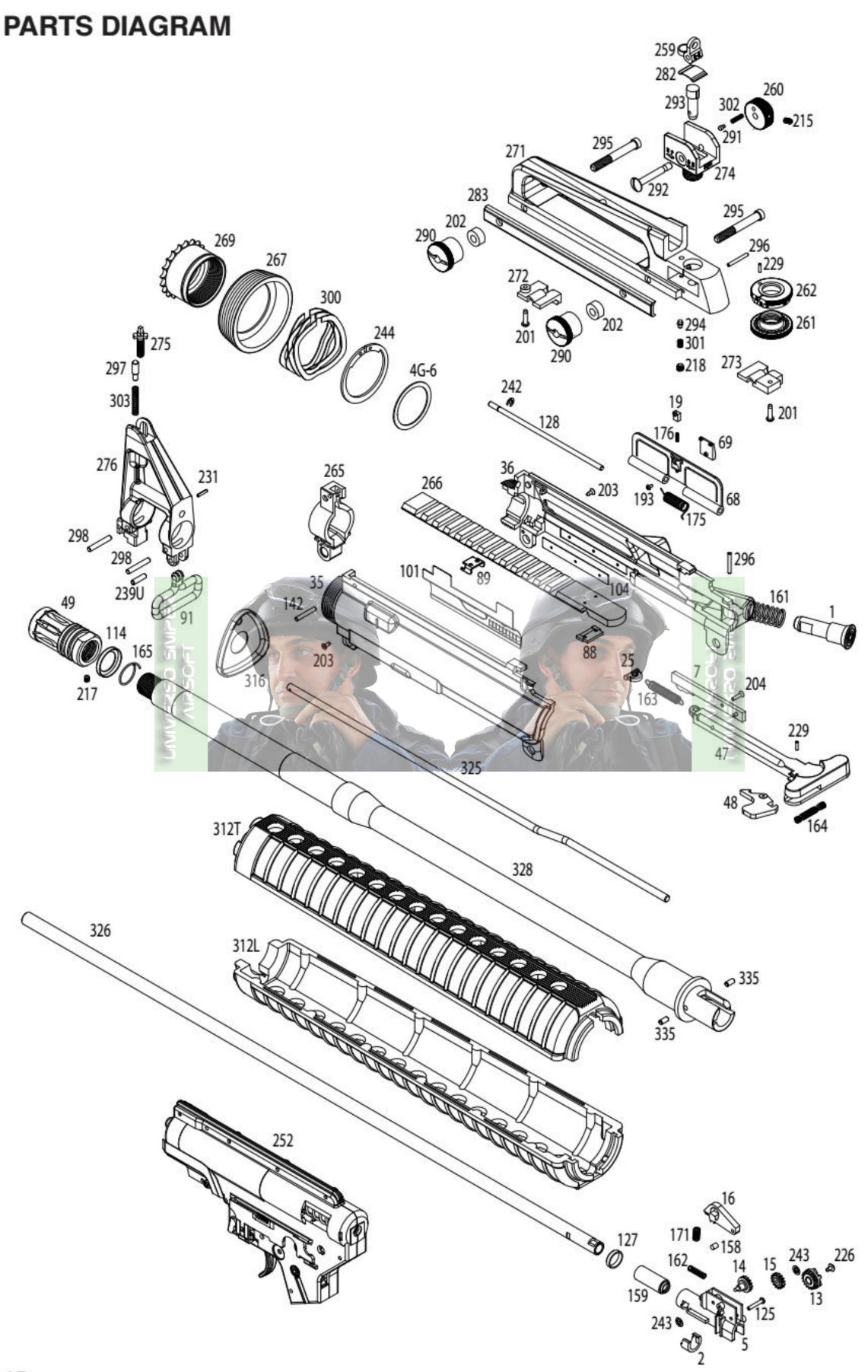
Do not keep Airsoft gun and batteries under direct sunlight for long periods of time.

#### Dust or Sand:

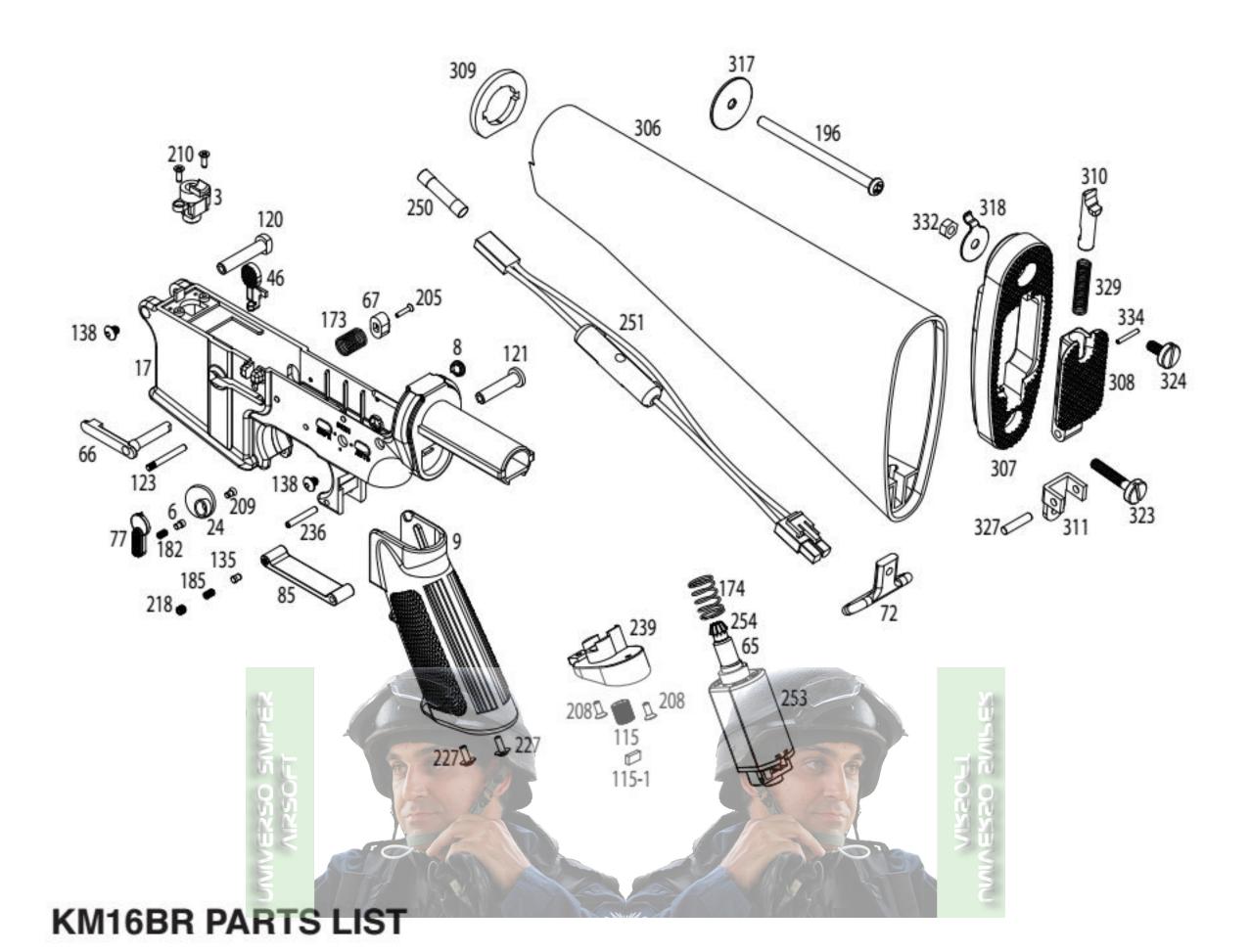
Dust or sand can get into a gun and cause malfunctions and/or excessive wear. Keep the gun covered whenever possible. Use lubricant sparingly, as lube naturally attracts dirt and other particles. After use in a dusty area, always field strip the gun (refer to Disassembly Section) and clean any areas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

#### Heavy Rain:

Keep the gun out of the rain and water. This will prevent electrical failure and fluid build-up inside the mechbox. Dry gun completely with clean cloth and clean inner barrel if necessary.



# **PARTS DIAGRAM**



Parts #	Description
KM16BR-1	Forward Assist Button
KM16BR-2	Inner Barrel Retainer
KM16BR-3	BB Ramp
KM16BR-4G-6	Barrel Base Washer
KM16BR-5	Hop-Up Chamber
KM16BR-6	Selector Detente
KM16BR-7	Bolt Plate Carrier
KM16BR-8	Selector Cover
KM16BR-9	Grip
KM16BR-13	Hop-Up Adjustment Wheel
KM16BR-14	Hop-Up Spindle (Small)
KM16BR-15	Hop-Up Spindle (Large)
KM16BR-16	Hop-Up Bar
KM16BR-17	Lower Receiver

Parts#	Description
KM16BR-19	Ejection Port Cover Lock Plunger
KM16BR-24	Selector Plate
KM16BR-25	Charging Handle Spring Hook
KM16BR-35	Upper Receiver (Left)
KM16BR-36	Upper Receiver (Right)
KM16BR-46	Bolt Catch
KM16BR-47	Charging Handle
KM16BR-48	Charging Handle Latch
KM16BR-49	Flash Hider
KM16BR-65	Motor Spring Base
KM16BR-66	Magazine Catch
KM16BR-67	Magazine Catch Button
KM16BR-68	Ejection Port Cover

Parts #	Description
KM16BR-69	Ejection Port Cover Lock
KM16BR-72	Stock Swivel
KM16BR-77	Selector
KM16BR-85	Trigger Guard
KM16BR-88	Rail Retaining Block
KM16BR-89	Top Rail Bridge
KM16BR-91	Swivel Front
KM16BR-101	Bolt Plate
KM16BR-104	Dust Cover Retainer
KM16BR-114	Flash Hider Washer
KM16BR-115	Motor Adjustment Screw
KM16BR-115-1	Motor Adjustment Screw Retainer
KM16BR-120	Take Down Pin (Front)
KM16BR-121	Take Down Pin (Rear)

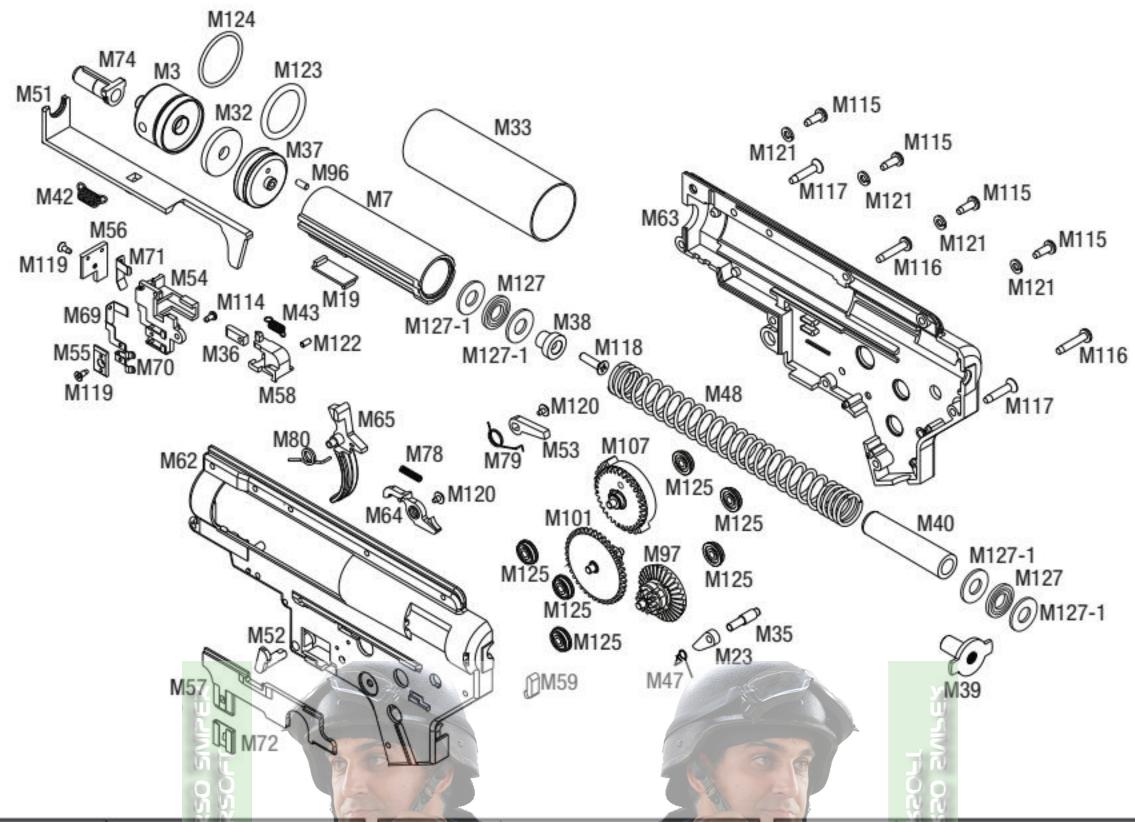
# **PARTS LIST**

Parts #	Description
KM16BR-123	Gear Box Set Pin
KM16BR-125	Hop Up Bar Pin
KM16BR-127	Weaver Rail Pin
KM16BR-128	Ejection Port Cover Pin
KM16BR-135	Trigger Guard Lock Pin
KM16BR-138	Receiver Pin Screws
KM16BR-142	Top Rail Pin
KM16BR-158	Hop-Up Nub
KM16BR-159	Hop-Up Bucking
KM16BR-161	Forward Assist Button Spring
KM16BR-162	Chamber Block Spring
KM16BR-163	Charging Handle Spring
KM16BR-164	Charging Handle Latch Spring
KM16BR-165	Flash Hider Spring
KM16BR-171	Hop-Up Bar Spring
KM16BR-173	Magazine Catch Spring
KM16BR-174	Motor Tension Spring
KM16BR-175	Ejection Port Cover Spring
KM16BR-176	Ejection Port Cover Lock Spring
KM16BR-182	Selector Spring
KM16BR-185	Trigger Guard Plunger Spring
KM16BR-193	Ejection Port Cover Screw
KM16BR-196	Stock Screw
KM16BR-201	Sight Base Cover Screws
KM16BR-202	Locking Knob Spacers
KM16BR-203	Screw M2X5
KM16BR-204	Bolt Plate Carrier Screw
KM16BR-205	Magazine Catch Screw
KM16BR-208	Motor Plate Screws
KM16BR-209	Selector Screw
KM16BR-210	BB Ramp Screws
KM16BR-215	Windage Knob Set Screw
KM16BR-217	Screw M3X3 SC
KM16BR-218	Screw M3X8 SC

Parts#	Description
KM16BR-226	Hop-Up Wheel Screw
KM16BR-227	Grip Screws
KM16BR-229	Charging Handle Latch Pins
KM16BR-231	Gas Tube Pin
KM16BR-236	Trigger Guard Pin
KM16BR-239	Motor Base Plate
KM16BR-239U	Front Swivel Pin
KM16BR-242	Pin Retaining Ring
KM16BR-243	Hop-Up Spindle Rings
KM16BR-244	Locking Clamp
KM16BR-249	Fuse
KM16BR-250	Rear Wire Harness
KM16BR-251	Power Supply Wire
KM16BR-252	Gear Box
KM16BR-253	Motor
KM16BR-254	Pinion Gear
KM16BR-259	Rear Sight
KM16BR-260	Windage Knob
KM16BR-261	Elevation Knob Dial Base
KM16BR-262	Elevation Knob Dial
The state of the s	
KM16BR-265	Barrel Assembly Block
KM16BR-265 KM16BR-266	Barrel Assembly Block Weaver Rail
KM16BR-266	Weaver Rail
KM16BR-266 KM16BR-267	Weaver Rail Delta Ring
KM16BR-266 KM16BR-267 KM16BR-269	Weaver Rail Delta Ring Barrel Nut
KM16BR-266 KM16BR-267 KM16BR-269 KM16BR-271	Weaver Rail Delta Ring Barrel Nut Carry Handle
KM16BR-266 KM16BR-267 KM16BR-269 KM16BR-271 KM16BR-272	Weaver Rail Delta Ring Barrel Nut Carry Handle Sight Base Cover (Front)
KM16BR-266 KM16BR-267 KM16BR-269 KM16BR-271 KM16BR-272 KM16BR-273	Weaver Rail  Delta Ring  Barrel Nut  Carry Handle  Sight Base Cover (Front)  Sight Base Cover (Rear)
KM16BR-266 KM16BR-267 KM16BR-269 KM16BR-271 KM16BR-272 KM16BR-273 KM16BR-274	Weaver Rail  Delta Ring  Barrel Nut  Carry Handle  Sight Base Cover (Front)  Sight Base Cover (Rear)  Rear Sight Housing Base
KM16BR-266 KM16BR-267 KM16BR-269 KM16BR-271 KM16BR-272 KM16BR-273 KM16BR-274 KM16BR-275	Weaver Rail  Delta Ring  Barrel Nut  Carry Handle  Sight Base Cover (Front)  Sight Base Cover (Rear)  Rear Sight Housing Base  Front Sight
KM16BR-266 KM16BR-267 KM16BR-269 KM16BR-271 KM16BR-272 KM16BR-273 KM16BR-274 KM16BR-275 KM16BR-276	Weaver Rail  Delta Ring  Barrel Nut  Carry Handle  Sight Base Cover (Front)  Sight Base Cover (Rear)  Rear Sight Housing Base  Front Sight  Front Sight Housing Base
KM16BR-266 KM16BR-267 KM16BR-269 KM16BR-271 KM16BR-272 KM16BR-273 KM16BR-274 KM16BR-275 KM16BR-276 KM16BR-282	Weaver Rail  Delta Ring  Barrel Nut  Carry Handle  Sight Base Cover (Front)  Sight Base Cover (Rear)  Rear Sight Housing Base  Front Sight  Front Sight Housing Base  Rear Sight Plate Spring  Carry Handle Locking
KM16BR-266 KM16BR-269 KM16BR-271 KM16BR-272 KM16BR-273 KM16BR-274 KM16BR-275 KM16BR-276 KM16BR-282 KM16BR-282	Weaver Rail  Delta Ring  Barrel Nut  Carry Handle  Sight Base Cover (Front)  Sight Base Cover (Rear)  Rear Sight Housing Base  Front Sight  Front Sight Housing Base  Rear Sight Plate Spring  Carry Handle Locking  Plate  Carry Handle Locking

Parts #	Description
KM16BR-293	Elevation Bar
KM16BR-294	Rear Sight Elevation Plunger
KM16BR-295	Rear Sight Base Screw
KM16BR-296	Elevation Knob Pin
KM16BR-297	Front Sight Plunger
KM16BR-298	Front Sight Housing Pins
KM16BR-300	Delta Lock Spring
KM16BR-301	Rear Sight Elevation Spring
KM16BR-302	Windage Knob Spring
KM16BR-303	Front Sight Spring
KM16BR-306	Stock
KM16BR-307	Butt Plate
KM16BR-308	Butt Plate Trap Door
KM16BR-309	Receiver End Plate
KM16BR-310	Butt Plate Trap Door Lock
KM16BR-311	Butt Plate Trap Door Hinge
KM16BR-312L	Lower Hand Guard
KM16BR-312T	Top Hand Guard
KM16BR-316	Hand Guard End Cap
KM16BR-317	Stock Tube Retainer
KM16BR-318	Butt Plate Washer Lock
KM16BR-323	Butt Plate Screw (Large)
KM16BR-324	Butt Plate Screw (Small)
KM16BR-325	Gas Tube
KM16BR-326	Inner Barrel
KM16BR-327	Butt Plate Trap Door Hinge Pin
KM16BR-328	Outer Barrel
KM16BR-329	Butt Plate Trap Door Lock Spring
KM16BR-332	Butt Plate Bolt
KM16BR-334	Butt Plate Trap Door Lock Retaining Pin
KM16BR-335	Barrel Base Pins

# **KWA 2GX TYPE II GEARBOX DIAGRAM AND PARTS LIST**



Parts #	Description	
2GX.V2-M3	Gearbox Cylinder Head	
2GX.V2-M7	Gearbox Piston	
2GX.V2-M19	Gearbox Piston Metal Plate	
2GX.V2-M23	Anti-Reverse Latch	
2GX.V2-M32	Gearbox Cylinder Head Buffer	
2GX.V2-M33	Gearbox Cylinder	
2GX.V2-M35	Anti-Reverse Latch Axis	
2GX.V2-M36	Gearbox Trigger Switch Contact Plate	
2GX.V2-M37	Gearbox Piston Head	
2GX.V2-M38	Gearbox Piston Head End Cap	
2GX.V2-M39	Gearbox Spring Guide End Cap	
2GX.V2-M40	Gearbox Spring Guide Rod	
2GX.V2-M42	Gearbox Tappet Plate Spring	
2GX.V2-M43	Gearbox Trigger Switch Return Spring	
2GX.V2-M47	Gearbox Anti-Reversale Latch Spring	
2GX.V2-M48	Gearbox Main Spring, M120	
2GX.V2-M51	Gearbox Tappet Plate	
2GX.V2-M52	Gearbox Safety Lever Base	
2GX.V2-M53	Gearbox Safety Lever	
2GX.V2-M54	Gearbox Wire Harness Base	

Parts #	Description
2GX.V2-M55	Gearbox Power Bridge Plate
2GX.V2-M56	Gearbox Switch Bridge Plate
2GX.V2-M57	Gearbox Selector Plate
2GX.V2-M58	Gearbox Trigger Switch Block
2GX.V2-M59	Gearbox Wire Retainer
2GX.V2-M62	Gearbox Mechbox Shell (Left)
2GX.V2-M63	Gearbox Mechbox Shell (Right)
2GX.V2-M64	Gearbox Cut-off Lever
2GX.V2-M65	Gearbox Trigger
2GX.V2-M69	Gearbox Trigger Switch Brush / Power Out
2GX.V2-M70	Gearbox Power Cut-off Brush
2GX.V2-M71	Gearbox Trigger Switch Brush / Power In
2GX.V2-M72	Gearbox Selector Plate Contact
2GX.V2-M74	Gearbox Air Nozzle
2GX.V2-M78	Gearbox Cut-off Lever Spring
2GX.V2-M79	Gearbox Safety Lever Spring
2GX.V2-M80	Gearbox Trigger Spring
2GX.V2-M96	Gearbox Piston Head Set Screw
2GX.V2-M97	Gearbox Bevel Gear
2GX.V2-M101	Gearbox Spur Gear

Earts#	Description	
2GX.V2-M107	Gearbox Sector Gear	
2GX.V2-M114	Gearbox Wire Harness Base Screw	
2GX.V2-M115	Gearbox Mechbox Screw	
2GX.V2-M116	Gearbox Mechbox Screw	
2GX.V2-M117	Gearbox Mechbox Screw	
2GX.V2-M118	Gearbox Piston Head Screw	
2GX.V2-M119	Gearbox Wire Harness Base Screw	
2GX.V2-M120	Gearbox Cut-off Lever Screw	
2GX.V2-M121	Gearbox Mechbox Screw Locking Washer	
2GX.V2-M122	Gearbox Trigger Switch Pin	
2GX.V2-M123	Gearbox Piston Head O-Ring	
2GX.V2-M124	Gearbox Cylinder Head O-Ring	
2GX.V2-M125	Gearbox 9mm Bearing Bushing	
2GX.V2-M127	Gearbox Piston Grooved Washer	
2GX.V2- M127-1	Gearbox Spring Guide Flat Washer	

# **KWA K-120 MAGAZINE DIAGRAM AND PARTS LIST**

