

OWNER'S MANUAL

KRISS®

VECTOR SMG

LIMITED EDITION



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THIS PRODUCT IS NOT INTENDED FOR USE BY UNTRAINED PERSONS (INCLUDING CHILDREN) WITH OR WITHOUT PHYSICAL OR MENTAL HANDICAPS. THESE HANDICAPS INCLUDE REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES, OR LACK OF EXPERIENCE AND KNOWLEDGE OF THE PRODUCT AND SAFETY GUIDELINES. ALL USERS SHOULD HAVE TRAINED SUPERVISION OR INSTRUCTIONS CONCERNING THE USE OF THE APPLIANCE BY A PERSON RESPONSIBLE FOR HIS OR HER SAFETY.

SAFETY RULES

Please read the entire KRYTAC manual before operating the airsoft gun. This manual covers important safety, operational, and maintenance topics. It is important that the user reads and understands the manual in order to safely handle and operate the airsoft gun. Failure to follow the safety guidelines and/or operational instructions in this manual may result in serious personal injury or damage to the airsoft gun.

Safety Guidelines

EYE PROTECTION

Always wear eye protection while shooting, operating, and maintaining your airsoft guns.

EAR PROTECTION

With noise levels exceeding 85dB(A), appropriate ear protection must be used to prevent any damage due to sound emissions.

FIREARM SAFETY RULES

Always assume that the airsoft gun is loaded. Never assume the chamber is empty based on memory or from someone else's word. An airsoft gun can still fire with the magazine removed.

KEEP YOUR FINGER OFF THE TRIGGER

Remove your finger from the inside of the trigger guard until your sights are aligned on target and you are ready to fire.

MUZZLE CONTROL

Always keep the muzzle of the airsoft gun pointed in a safe direction. Never point the airsoft gun towards anything you do not intend to shoot.

KNOW YOUR TARGET AND ITS SURROUNDINGS (SAFETY DISTANCE)

Take note of objects in front of and beyond your target. Airsoft guns can shoot up to and beyond 150 feet/45.5 meters and may travel further than intended without an adequate backstop. Never shoot an airsoft gun directly at targets such as rocks, glass, water, or other hard surfaces that may ricochet BBs in unpredictable directions.



SAFETY IS YOUR RESPONSIBILITY

The KRYTAC airsoft gun is designed and manufactured to KRYTAC's high standards. It was carefully inspected before it was packaged and shipped from our factory. It is the sole responsibility of the user for its safe use and handling. This airsoft gun is safe unless handled irresponsibly or misused.

BEWARE OF BARREL OBSTRUCTIONS

Ensure that the barrel of your airsoft gun is free and clear of any obstructions prior to firing the airsoft gun. Failure to do so may cause a malfunction, and in some cases damage the airsoft gun.

KEEP THE SAFETY ON

Keep the fire selector set to safe until your sights are aligned on target and you are ready to fire.

2

SAFETY RULES

FAILURE TO FIRE

If the airsoft gun fails to fire, misfires, or malfunctions, do not look into/down the barrel of the airsoft gun. BBs can jam in the chamber and can launch suddenly while under pressure causing serious injury.

FUSE

DO NOT REMOVE OR BYPASS THE FUSE. It is an integral part of the system. Alterations to the fuse will void warranty and may result in operational failure and critical damage to internal components.

MAINTAIN YOUR AIRSOFT GUN PROPERLY

Maintaining your airsoft gun as outlined in the manual ensures that your airsoft gun will be safe to shoot and perform to its designed specifications. Alterations, modifications, or adjustments may damage your airsoft gun, making it unsafe to shoot and/or voiding all warranty claims.

STORAGE AND TRANSPORT

Keep the fire selector on the airsoft gun set to safe, with the magazine and battery removed when storing your airsoft gun. Always store your airsoft gun in a safe place and out of the reach of children. When transporting your airsoft gun make sure that it is in a designated airsoft gun case. Never brandish your airsoft gun in public.



IT IS YOUR RESPONSIBILITY TO SAFELY STORE AND TRANSPORT YOUR AIRSOFT GUN.

ORANGE TIP

Any alteration of the coloration or markings required by state and/or federal law may be deemed illegal in a court of law. All risks and responsibility of any alteration to the product will be assumed by the operators, owners and/or user of the product.



THE ORANGE TIP DOES NOT DISTINGUISH YOUR AIRSOFT GUN AS A TOY, ALWAYS TREAT YOUR AIRSOFT GUN AS IF IT IS WARNING A REAL FIREARM.

HAZARDS OF BEING MISTAKEN FOR A REAL FIREARM

Due to the nature and design of some airsoft guns, they may be mistaken as a real firearm. It is strongly advised to operate an airsoft gun in the safety and privacy of your own home, or at a legally sanctioned location or game field. Police, Peace Officers, and Law Enforcement Officers are trained to treat objects that resemble a firearm as one. In the event that you are approached by a Law Enforcement Official, completely comply with their instructions. Never point an airsoft gun at a Law Enforcement Official. Confrontation with a Law Enforcement Official may result in serious injury or death.

ALCOHOL, MEDICATIONS AND DRUGS

Do not handle or operate your airsoft gun while under the influence of alcohol, medication, or drugs that may impair judgment.

SPECIFICATIONS



Caliber	6 mm
Overall Length	818 mm (32.2") - 865 mm (34.1")
Overall Height	180 mm (7.1")
Weight	3.1 kg (6.8 lbs)
Inner Barrel Length	280 mm
Inner Barrel Diameter	6.05 mm
Rate of Fire	24+ RPS

PERFORMANCE DETAILS ARE BASED ON U.S. SPECIFICATIONS AND CAN BE MODIFIED TO MEET THE LAWS AND REGULATIONS OF YOUR LOCAL REGION.

EXTERNAL FEATURES

EXTERNAL LATIONES	
KRISS Vector GEN II (2017) receiver	MIL-STD 1913 picatinny bottom rail
KRISS Vector ambidextrous folding/ sliding stock	Vector Mechbox with solid steel bushing
KRISS Vector M-Lok hand guard	Integrated FET system
KRISS low profile flip-up front and rear	Electronic trigger
sight	Quick change spring guide
Ambidextrous fire selector	Padded cylinder head
Semi, two-round burst, and full auto	Relief-cut cylinder window
fire modes	Adjustable rotary hop-up
Ambidextrous safety	Temperature and wear resistant hop-
Piston reset on safe	up bucking
KRISS Vector GEN II pivoting trigger	KRYTAC 30K high-torque, short type
MIL-STD 1913 picatinny top rail	motor

VELOCITY AND ENERGY OUTPUT CHART

Your KRYTAC product has been configured to comply with your region's energy output regulations. The table below is a reference to the energy output specifications organized by region.

Country	Max Velocity	Energy Output
Japan, Italy	85 m/s	0.73 Joules
UK	110 m/s	1.24 Joules
Austria, Belgium, Bosnia, Brazil, Bulgaria, Canada, Chile, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Guatemala, Herzegovina, Hong Kong, Hungary, Iceland, Israel, Latvia, Liechtenstein, Lithuania, Macedonia, Moldavia, Netherlands, New Zealand, Norway, Paraguay, Philippines, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, South Africa, South Korea, Spain, Sweden, Switzerland, Turkey, U.S.A.	120 m/s	1.45 Joules

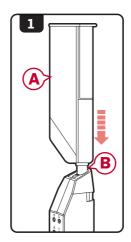
PACKAGE CONTENTS

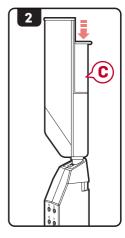
- [1] KRISS Vector SMG Limited Edition airsoft gun
- [1] Side rail
- [1] Magazine
- [1] Set of front and rear sights
- [1] User's manual
- [1] Cleaning rod

LOADING THE MAGAZINE

- Using a speed loader or other magazine loader, insert the nozzle into the opening of the magazine .
- Press down on the loader plunger to load BBs into the magazine. Stop once the magazine is full.

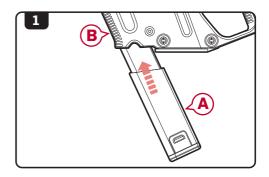






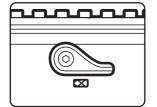
LOADING THE AIRSOFT GUN

 Place the magazine into the magazine well. Tap the magazine to ensure that it is securely in position and seated properly.



SAFETY SELECTOR SWITCH

SAFETY ENGAGED



When in safe mode, airsoft gun will not fire.

SAFETY DISENGAGED



The airsoft gun will fire in accordance to the fire selector setting.

SAFETY TIP

It is advised when you are not ready to fire, keep the fire selector switch on the airsoft gun in the safe position.

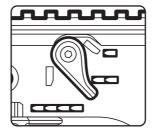
FIRE SELECT

SEMI-AUTO



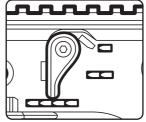
The airsoft gun will fire one shot for each time the trigger is engaged.

TWO-ROUND BURST



The firearm will fire two rounds for each pull of the trigger.

FULL-AUTO



The firearm will continually fire while the trigger is engaged.



DO NOT ENGAGE THE TRIGGER WHILE SWITCHING BETWEEN MODES ON THE FIRE SELECTOR.

FOLDING STOCK

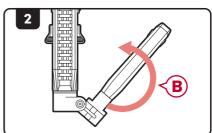
Folding the Stock

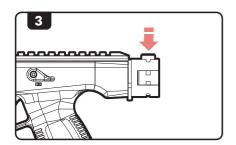
- Press and hold stock release button
 while folding the stock inward. Release the stock button.
- 2. Swing the folding stock inward until it locks into the frame.

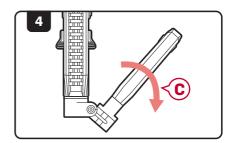
Unfolding the Stock

- 3. Press and hold stock release button and pull the folding stock outward.
- 4. Swing the folding stock backward until it locks.





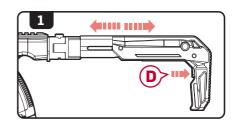




FOLDING STOCK

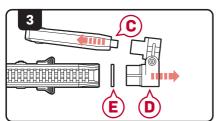
Adjust the Stock length

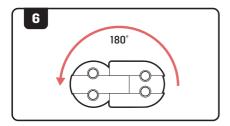
1. Press the stock adjustment latch to extend/collapse the stock.

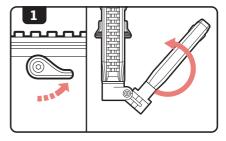


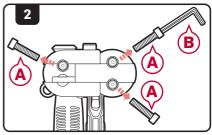
Folding Stock - Left Folding Option

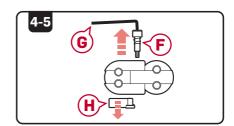
- Clear the Vector AEG. Set it to safe mode and fold the stock.
- 2. Remove the three Allen screws using a 4mm Allen key (B).
- 3. Remove the stock (C), the stock hinge (D) and the sling plate (E).
- 4. Remove the hinge button assembly F using a 2.5mm Allen key G.
- 5. Remove the hinge lock from the stock hinge.
- 6. Turn the stock hinge 180°.
- Re-insert the hinge lock and re-install the hinge button assmbly .

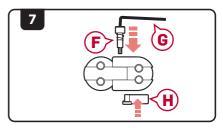










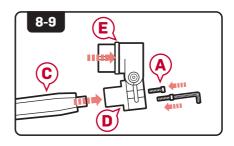


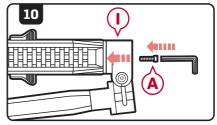
FOLDING STOCK

- 8. Install the stock to the stock hinge using (2) Allen screw A.
- 9. Re-install the sling plate to the stock hinge.
- Re-install the folding stock assembly

 to the upper housing using (1)

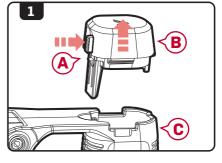
 Allen screw(A).

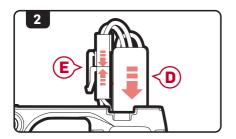


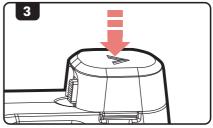


BATTERY INSTALLATION

- Push the extended grip cover release tab and pull out the grip cover from the pistol grip .
- 2. Insert the battery into the pistol grip and connect the battery to the connector.
- 3. Replace the extended grip cover.









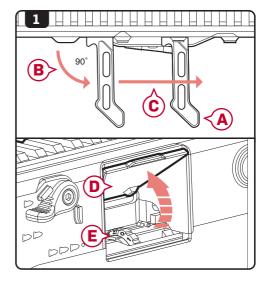
EXCESSIVE PULLING OR TUGGING OF THE BATTERY WIRES WHEN INSERTING OR REMOVING THE BATTERY CAN CAUSE DAMAGE TO THE WIRE ASSEMBLY AND CONNECTION TO THE TRIGGER HOUSING ASSEMBLY.

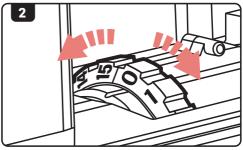
HOP-UP SYSTEM

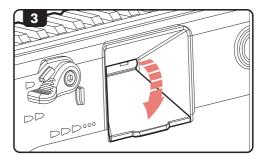
The advanced KRYTAC rotary hop-up unit is a standard feature in all KRYTAC AEGs. Proper adjustment of the hop-up will allow the AEGs to fire in a variety of shooting environments to obtain optimal BB trajectory.

Hop-Up Adjustment

- 1. Pull the charging handle 90° outward 1000 then rearward 1000 the dust cover 1000. This will provide access to the hop-up adjustment dial 1000.
- Turn the dial up or down, an audible click will confirm each adjustment.
 - Increasing the number on the dial will increase the amount of hop-up on the BB. Decreasing the number will lower the amount of hop-up on the BB.
- Once the hop-up has been set, flip the dust cover back down to its fully seated position.







HOP-UP SYSTEM

Excessive Hop-Up

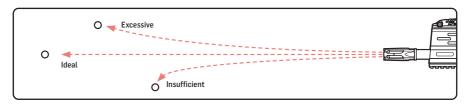
Airsoft BB travels in an extreme upward trajectory. Decrease the hop-up.

Ideal Hop-Up

Airsoft BB travels in a long, horizontal flight path.

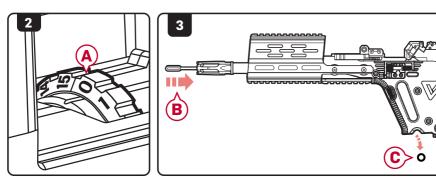
Insufficient Hop-Up

Airsoft BB travels a short distance in a downward trajectory. Increase the hop-up.



CLEARING JAMMED BBS

- 1. Disassemble the airsoft gun. (see pg.12 for disassembly instruction).
- 2. Turn the hop-up dial to "0" (A).
- 3. Take the cleaning rod(B) and insert the unjamming side from the front of the barrel to clear out the jammed BB(c).
- 4. Look through the barrel to ensure that it is cleared.
- 5. Reassemble the airsoft gun. (see pg.13 for assembly instruction).



NOTE

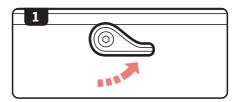
Use only new, quality airsoft BBs. Never use recycled or low quality airsoft BBs, doing so may cause excessive jamming. In most cases, it can severely damage the internal gearbox and/or hop-up and inner barrel.

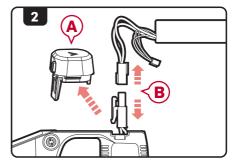
DISASSEMBLY

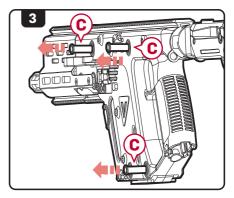
NOTE

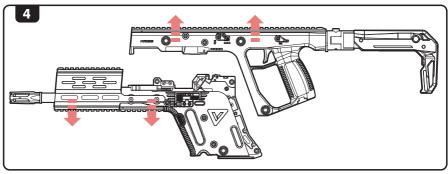
Before opening up the receiver, remove the magazine and fire the airsoft gun in a safe direction to ensure that the hop-up chamber is clear of any BBs.

- 1. Set the AEG to safe mode.
- 2. Remove the extended grip cover (A) and disconnect(B) the battery.
- 3. Remove the 3 body pins c as shown.
- 4. Pull the upper and lower receiver away from each other.

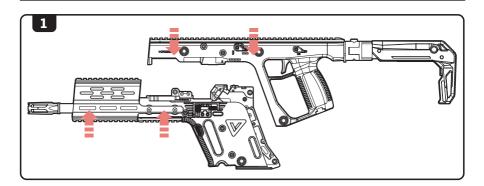




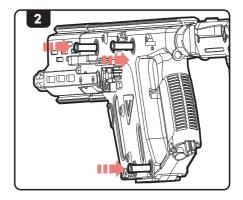


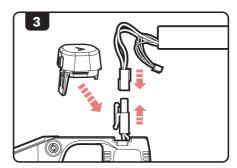


ASSEMBLY



- 1. Slide the upper receiver back onto the lower receiver.
- 2. Reinstall the 3 body pins.
- 3. Connect and place battery into grip and replace the grip cover.





MAIN SPRING ACCESS

- 1. Remove the rear lower break down pin (A).
- Remove the set screw
 from the front lower break down pin with a Phillips #2 screw driver.
- 3. Hold the spring plate assembly firmly in place and remove the front lower break down pin .
- Remove the spring plate assembly
 with the spring guide and the main spring.



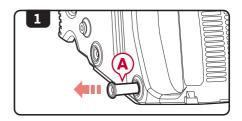
WARNING

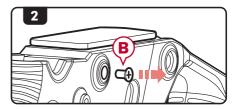
THE SPRING PLATE ASSEMBLY HOLDS THE SPRING GUIDE AND THE MAIN SPRING IN PLACE WHICH IS UNDER EXTREME PRESSURE. REMOVE WITH CAUTION.

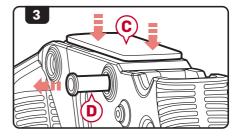
CAUTION

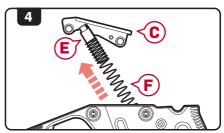
TAKE NOTE OF THE ORIENTATION OF THE SPRING. THE MORE TIGHTLY COILED $\mathrm{END}(\mathbf{H})$ GOES ONTO THE SPRING GUIDE(\mathbf{E}).

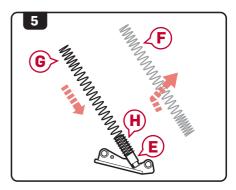
- 5. Replace existing main spring (F) with the desired main spring (G).
- 6. Re-insert the main spring and the spring plate assembly.
- Reinstall and secure the lower break down pins.









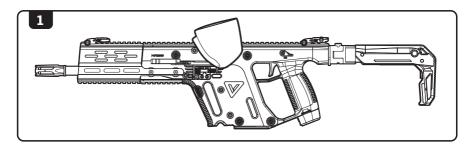


CLEANING

NOTE

WHILE POINTING THE AIRSOFT GUN IN A SAFE DIRECTION, REMOVE THE MAGAZINE AND CYCLE THE GEARBOX UNTIL NO BBS EXIT THE INNER BARREL. PLACE THE AIRSOFT GUN IN SAFE MODE AND DISCONNECT THE BATTERY PRIOR TO ANY CLEANING PROCEDURES.

1. Wipe down the external parts of the gun and remove any dirt and debris.





DO NOT ADD OIL TO THE HOP-UP BUCKING. EXCESSIVE OIL ON THE HOP-UP BUCKING MAY NEGATE THE HOP-UP, DECREASING RANGE AND ACCURACY.

OPERATING UNDER HARSH CONDITIONS

When operating under harsh conditions, special maintenance may be required to match the climate conditions of a specific operational area.

Dust and Sand

In harsh dusty or sandy environments, excessive debris can cause malfunctions and/ or excessive wear on parts. Keep the gun covered and protected while not in use. When performing maintenance, use lubrication sparingly as it tends to attract dirt and other particles. After use in a dusty or sandy area, always field strip the gun, as outlined in the Disassembly section, cleaning all the areas that can be reached with a soft, clean, lint-free cloth.

Heavy Rain

Never submerge or expose your gun to extremely wet environments. Exposure to such conditions may cause electrical failure and fluid to build-up inside the gearbox. Dry completely with a clean, lint-free cloth and clean inner barrel when necessary.

HEARING PROTECTION REQUIREMENT

HEARING PROTECTION REQUIREMENT FOR EUROPEAN COMMUNITY
The KRYTAC KRISS® VECTOR SMG LIMITED EDITION fulfills all relevant provisions of:

EMC Directive (2014/30/EU) RoHS Directive (2011/65/EU) General Product Safety Directive (2001/95/EC)

In conjunction with the following harmonized standards or technical specifications for the design and manufacture

EN 50581:2012; EN 55014-1:2006; EN 55014-2:1997

In accordance with the above mentioned standards, in some applications, noise or vibration levels may exceed the minimum Noise levels of 85db(A). If Noise levels exceed 85dB(A), appropriate ear protection must be used to prevent any damages due to sound emissions.

CONTACT INFORMATION

For additional troubleshooting, information, or questions regarding KRYTAC customer service:

Submit a contact form at: www.krytac.com Email us at: support@krytac.com

Join the KRYTAC Community and visit **http://forums.krytac.com** for any additional technical questions and information about your KRYTAC.

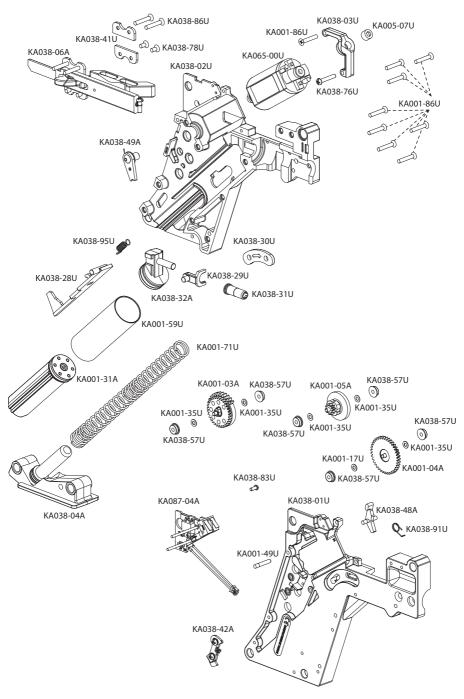
TROUBLE SHOOTING GUIDE



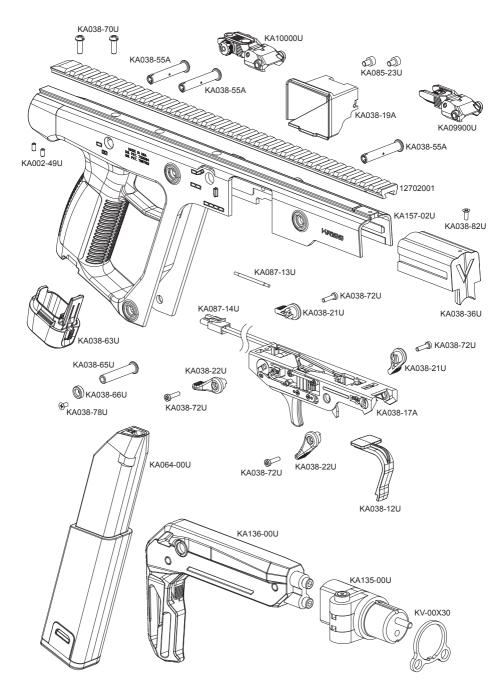
WHEN TROUBLESHOOTING, FOLLOW THE SAFETY MEASURES DESCRIBED IN THIS MANUAL.

SYMPTOMS	CAUSE	SOLUTIONS
	Safety is engaged	Change selector to Semi Auto or Full Automatic Mode
Not firing/No sound	Low power or dead battery	Charge and replace battery
Not lillig/No soulid	Blown out fuse	Replace with new fuse
	Loose connection	Contact customer service for professional care
Motor is running but gun is not firing	Inspect magazine	Check if magazine is properly loaded into the gun Ensure magazine is loaded with ammunition Ensure the hi-cap magazine is properly wound
Motor or battery is hot	Damaged battery	Inspect and/or replace battery
after short use	Loose connection terminal	Contact customer service for professional care
Semi-Auto feature not functioning properly	Battery voltage or discharge is too high	Condition or replace battery
Semi-Auto feature not working at all	Disconnector is not engaged properly	Reset the disconnector by setting the selector to safe, then to automatic, then to semi
Firing cycle slowing down	Battery is low on power	Charge or replace battery
High pitch or grinding noise	Motor level is not adjusted properly	Contact customer service for professional care
BB travels upward	Hop-up adjusted too high	Dial down the hop-up adjustment
BB travels downward	Hop-up adjusted too low	Dial up the hop-up adjustment
BB double feeding or rolling out of the barrel	Excessive grease or oil in the hopup chamber	Fire at least 200 rounds to eliminate excessive grease from the chamber Clean hop-up unit with supplied cleaning rod
	Hop-up unit is turned off	Turn hop-up unit on
Hop-Up can't be adjusted	Hop-up adjustment arm is not set properly	Reset hop-up adjustment arm
Inner barrel is jammed or jamming	Use of recycled or low quality BBs	Use only KRYTAC branded or other high quality BBs
	Inner Barrel is contaminated with BBs or debris	Clear and/or clean inner barrel with supplied cleaning rod (See page 11 for clearing jam section.)
NA	BBs are lodged inside the magazine	Shake or tap magazine to clear the jam
Mmagazine not feeding	Internal obstruction	Contact customer service for professional care

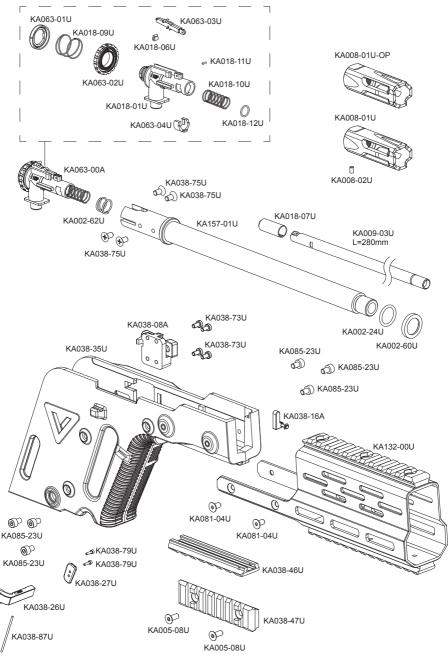
COMPONENT DIAGRAM



COMPONENT DIAGRAM



COMPONENT DIAGRAM



COMPONENT LIST

PART#	NAME	KA038-12U	TRIGGER COVER
KA001-03A	SECTOR GEAR	KA038-16A	BOLT LOCK TRIGGER ASSEMBLY
KA001-04A	SPUR GEAR	KA038-17A	TRIGGER HOUSING ASSEMBLY
KA001-05A	BEVEL GEAR	KA038-19A	EJECTION PORT ASSEMBLY
	PISTON HEAD SHIM PISTON ASSEMBLY	KA038-21U	SAFETY/SELECTOR LEVER (LEFT)
KA001-35U KA001-49U	······	KA038-22U	SAFETY/SELECTOR LEVER (RIGHT)
KA001-59U	CYLINDER (TYPE 1)	KA038-26U	MAGAZINE RELEASE BUTTON
KA001-71U	MAIN SPRING (M120)	KA038-27U	MAGAZINE RELEASE
KA001-76U	BOLT PLATE LOCK SPRING	KA038-28U	TAPPET PLATE
KA001-86U	GEARBOX SHELL SCREW (LONG)(11)	KA038-29U KA038-30U	TAPPET PLATE ARM TAPPET PLATE LINK
KA002-24U	CRUSH WASHER O-RING	•••••	÷
KA002-60U	CRUSH WASHER	KA038-32U	CYLINDER HEAD BASE
KA002-62U	HOP-UP OUTER TENSION	KA038-35U	LOWER RECIEVER HOUSING
NA002-020	SPRING	KA038-36U	NOSE CAP
KA005-07U	RETENSION SCREW	KA038-41U	CHARGING HANDLE COVER (2)
KA005-08U	SIDE RAIL SCREW		DISCONNECTOR ASSEMBLY
KA008-01U-	FLASH HIDER	KA038-45U	TOP RAIL
OP	(ORANGE PLASTIC)	KA038-46U	BOTTOM RAIL
KA008-02U	SET SCREW	KA038-47U	SIDE RAIL
	INNER BARREL (280MM) HOP CHAMBER	KA038-48A	ANTI-REVERSE LATCH (ARL) ASSEMBLY
KA018-06U KA018-07U	;	KA038-49A	ANTI-SECTOR GEAR REVERSE LEVER (ASGRL) ASSEMBLY
KA018-09U	ADJUSTMENT SPRING	KA038-50U	5.5IN BARREL
KA018-10U	HOP UP TENSION SPRING	KA038-55A	BREAK DOWN PIN ASSEMBLY
KA018-11U	ADJUSTMENT LEVER PIN		STEEL BUSHING
KA018-12U	FRONT BARREL O-RING	•••••	EXTENDED GRIP COVER
KA038-01U	GEARBOX PANEL (RIGHT)		·
KA038-02U	GEARBOX PANEL (LEFT)	• • • • • • • • • • • • • • • • • • • •	SECURITY WASHER
	MOTOR BRACKET	•••••	TRIGGER GROUP HOUSING
KA038-04A	SPRING PLATE	KA038-70U	SCREWS
KA038-06A	CHARGING HANDLE ASSEMBLY	KA038-72U	SELECTOR SCREWS (4)
KA038-08A	BOLT CATCH BLOCK ASSEMBLY	•••••	BOLT LOCK BLOCK SCREWS (4)

COMPONENT LIST

KA038-75U	BARREL MOUNTING SCREW (5)
KA038-78U	CHARGING HANDLE COVER SCREW (3)
KA038-79U	MAGAZINE RELEASE SCREW (2)
KA038-82U	NOSE CAP SCREW
KA038-83U	SELECTOR BOARD SCREW
KA038-86U	CHARGING SLIDER SPRING
KA038-91U	ANTI-REVERSE LATCH SPRING (ARL SPRING)
KA038-95U	TAPPET PLATE SPRING
KA063-00U	HOP-UP ASSEMBLY
KA063-01U	HOPUP DIAL RETAINER
KA063-02U	HOPUP DIAL
KA063-03U	HOPUP ARM
KA063-04U	BARREL CLIP
KA064-00U	VECTOR MAGAZINE
KA065-00U	MOTOR
KA081-04U	M-LOK HAND GUARD SCREW
KA085-23U	BODY SCREW (8)
KA087-04U	SELECTOR BOARD
KA099-00U	FRONT SIGHT
KA100-00U	REAR SIGHT
KA132-00U	KRISS VECTOR M-LOK HAND GUARD
KA135-00U	KRISS VECTOR TYPE B FOLDING STOCK ADAPTOR
KA136-00U	KRISS VECTOR SLIDING STOCK
KA157-01U	OUTER BARREL
KA157-02U	UPPER RECEIVER HOUSING
KV-00X30	KRISS VECTOR SLING PLATE
12702001	TOP RAIL

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