



TTI JW2 ULTRALIGHT

Cal. 6mm AIRSOFT ELECTRIC RIFLE

SAFE GUN HANDLING

You should be fully familiar with the proper and safe handling with your Airsoft gun. The basic principles of gun safety require you to always apply the following rules when handling an Airsoft gun.

- Always wear eye protective gear.
- You may be punished if you are shooting for practical jokes.
- Never shoot the gun at places where people and cars pass cross.
- Never aim or shoot a person or animal as a target.
- Never look into the gun muzzle.
- Always direct the muzzle towards a safe direction.
- Avoid pulling the trigger carelessly.
- Please keep your fingers away from the trigger, except when you are ready to shoot a target.
- Always put the gun in a case or bag when you are carrying it.
- Keep out of reach of children.

DO NOT ATTEMPT TO DISASSEMBLE OR TAMPER WITH YOUR AIRSOFT GUN. CONTACT CUSTOMER SERVICE AT VFC FOR REPAIR.

⚠ WARNING: DO NOT BRANDISH OR DISPLAY THIS AIRSOFT GUN IN PUBLIC-IT MAY CONFUSE PEOPLE AND MAY BE A CRIME. POLICE AND OTHERS MAY THINK THIS AIRGUN IS A FIREARM. DO NOT CHANGE THE COLORATION AND MARKINGS TO MAKE IT LOOK MORE LIKE A FIREARM. THIS IS DANGEROUS AND MAY BE A CRIME.

⚠ CAUTION:
EYE PROTECTION
REQUIRED
WEAR YOUR
SHOOTING GLASSES



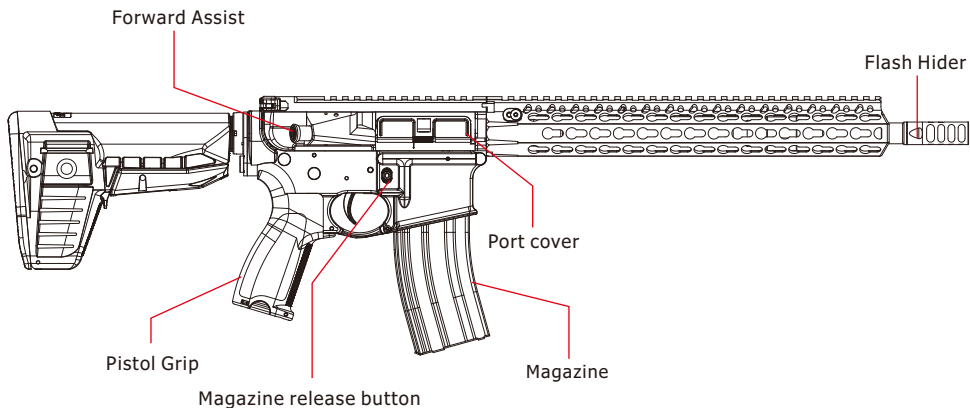
⚠ WARNING: ADULT SUPERVISION IS REQUIRED. MISUSE MAY CAUSE SERIOUS INJURY. ESPECIALLY TO THE EYE. EYE PROTECTION DESIGNED FOR AIRSOFT GUNS MUST BE WORN BY THE USER AND ANY PERSON WITHIN RANGE. READ THIS OWNER'S MANUAL BEFORE USING. MAY BE DANGEROUS UP TO 200 METERS.

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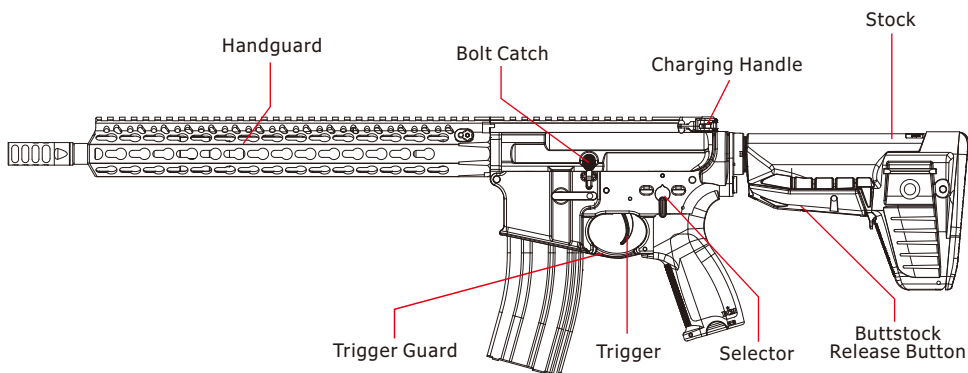
For more product information please visit www.emgarms.com

-COMPONENTS-

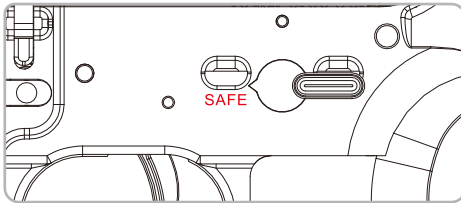
•RIGHT SIDE



•LEFT SIDE



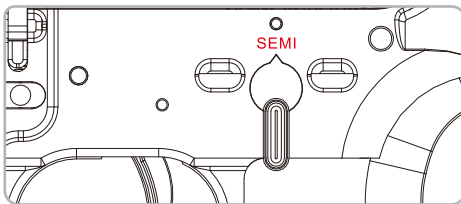
-SAFETY SETTING-



Safety Setting

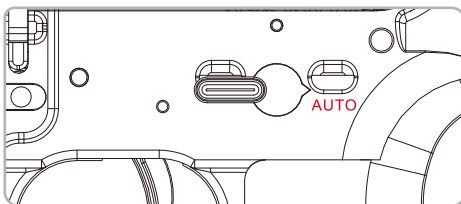
(The trigger can not be pulled)

Always set lever to SAFE position when gun is not in use.



Semi Auto

When the trigger is pulled, the gun will fire one shot each time.



Full Auto

The gun will fire automatically while the trigger remains pulled.

WARNING • CAUTION

- Do not operate the selector lever while the trigger is depressed. Damage and malfunction will occur if you attempt to do so.
- Do not pull the trigger while the selector is on SAFE. Doing so will damage the trigger and safety mechanisms.

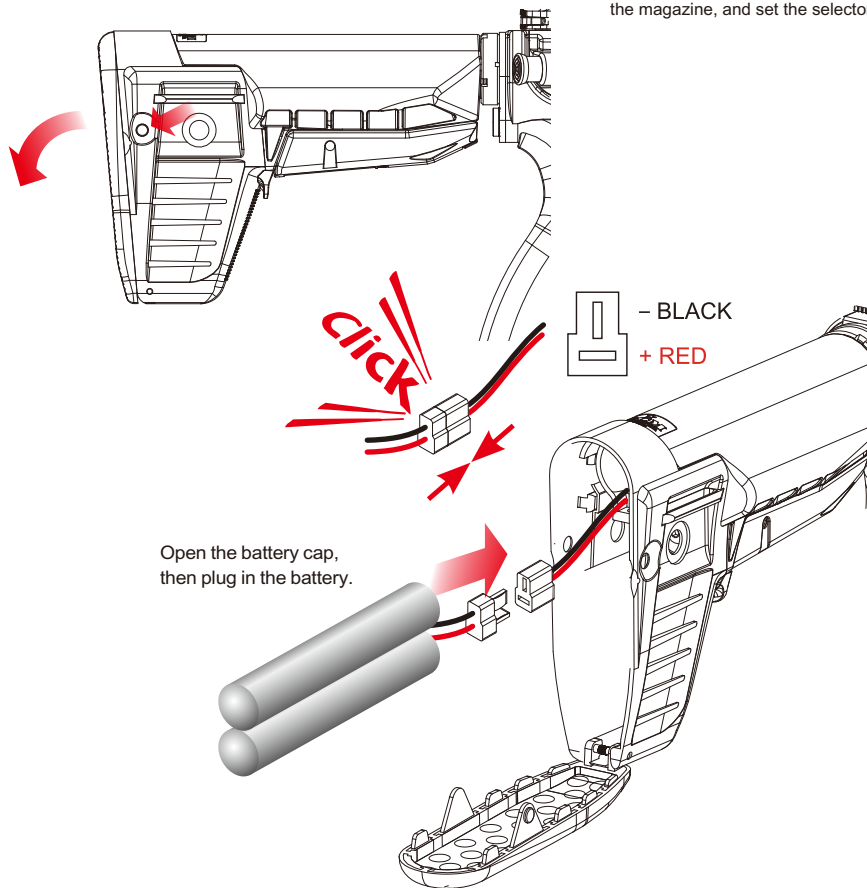
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-INSTALLING BATTERY-

WARNING • CAUTION

Before changing the battery, point the gun in a safe direction, remove the magazine, and set the selector to SAFE.



CAUTION

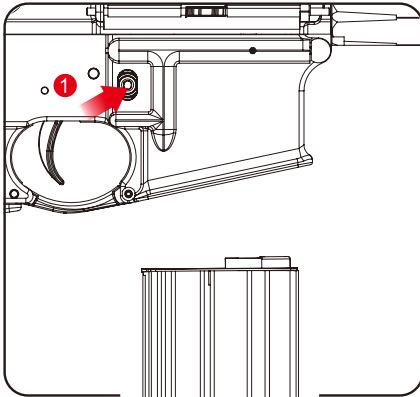
When batteries have almost lost their charge they can cause gearbox malfunctions that require repair. Batteries should never be over-charged. This can damage the cell.

Prolonged overcharging causes permanent damage to batteries.

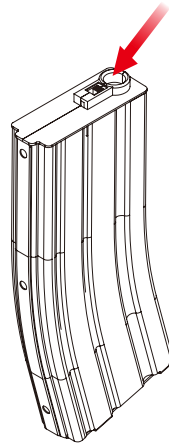
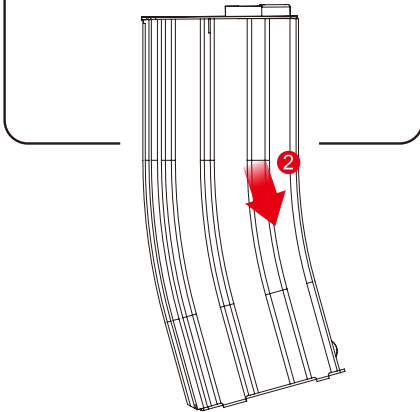
There is no warranty for batteries.

Use only those batteries of min. 7.4 / 11.1 V 20C

-LOADING MAGAZINE-

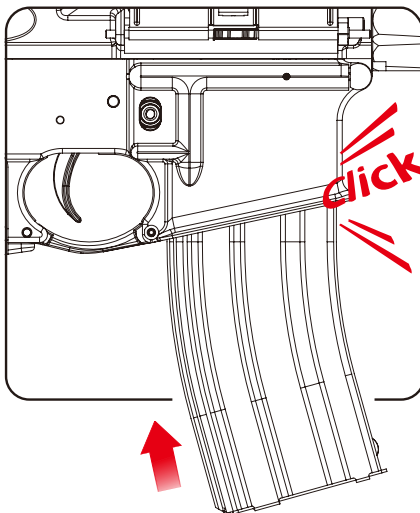


Press the magazine release button and pull the magazine downward to remove it.



Use only high quality 6mm BB with the magazine.

120 RDS MAGAZINE



WARNING · CAUTION

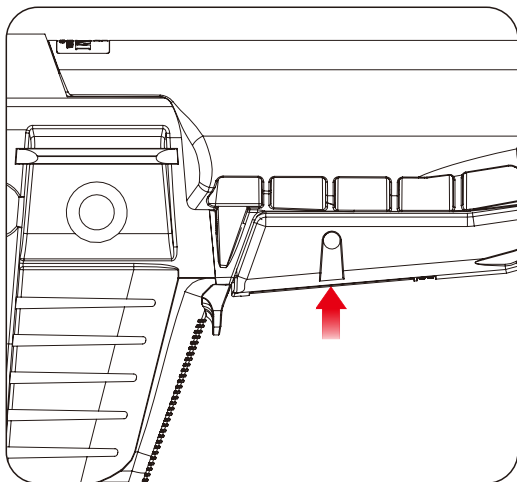
- Always use high quality 0.20 gram or heavier BB in your airsoft rifle.
- We will not be held responsible for any damage or incidents arising from use of poor quality or underweight BB.

Make sure to press the magazine upwards and connect it firmly, until a click sound is heard.

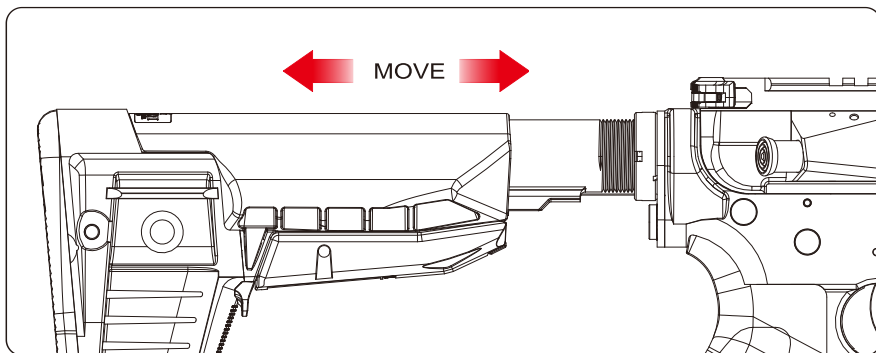
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-ADJUSTING THE QRF STOCK-



Press and hold the stock release button, then adjust the stock position.

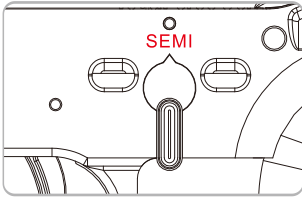


WARNING • CAUTION

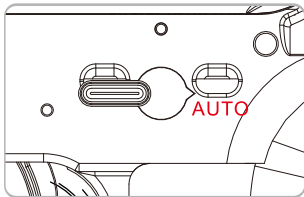
- Be careful not to catch your fingers when operating buttstock functions.

-FIRING-

Set the Selector lever to "SEMI" or "AUTO".



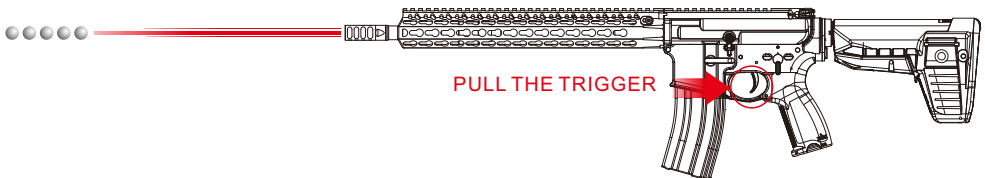
Semi Auto | With each pull of the trigger, the gun will fire one shot each time.



Full Auto | The gun will fire automatically while the trigger remains pulled.

WARNING • CAUTION

- Confirm selector is off SAFE before firing the gun.
- Pulling the trigger while the selector is on SAFE will damage the gun and cause it to malfunction.



1. Set the selector lever to Semi-Auto or Full Auto.
2. Pull the trigger.

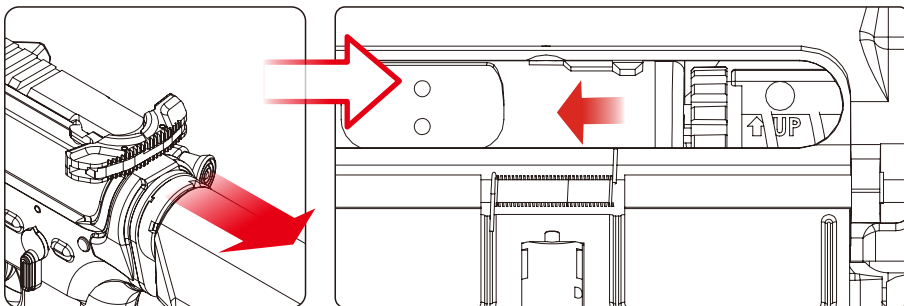
CAUTION Never put your finger on the trigger unless you are ready to shoot.

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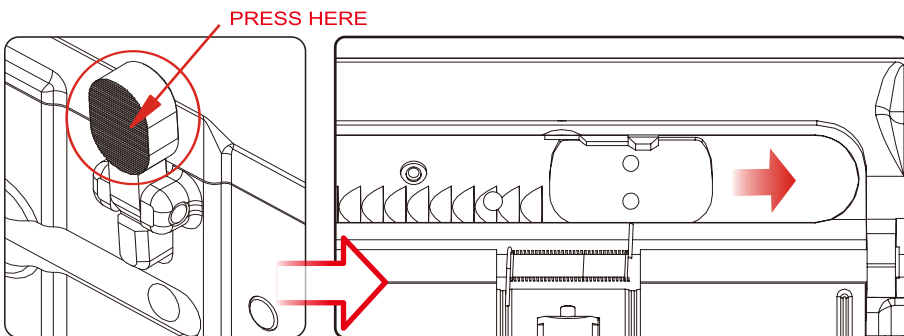
-CHARGING AND BOLT CATCH-

●CHARGING AND OPEN DUMMY BOLT



The charging handle can be pulled and the dummy bolt will lock and remain open.

●RELEASE DUMMY BOLT

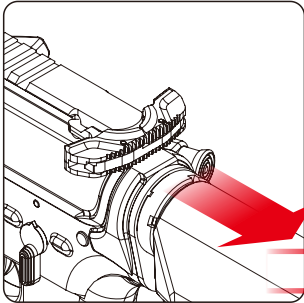


To Release bolt, just press the bolt catch.

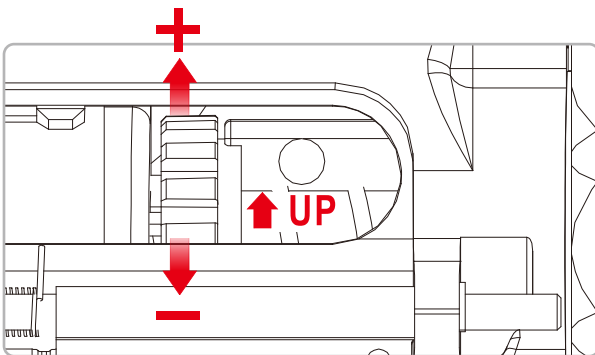
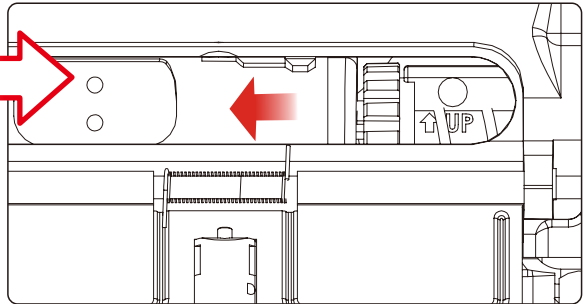
Pinch Point Warning

Keep fingers out of bolt area when releasing bolt catch.

-VARIABLE HOP-UP SYSTEM-



Your rifle comes standard with an adjustable hop-up system. This hop-up system allows lift to be added to the bbs flight thus improving distance performance.



- Open bolt to adjust the HOP-UP system.
- Gradually turn the adjustment dial in positive direction to increase hop up effect.
- Turning excessively adversely affects the trajectory. So, stop turning the dial when bullets fly horizontally.

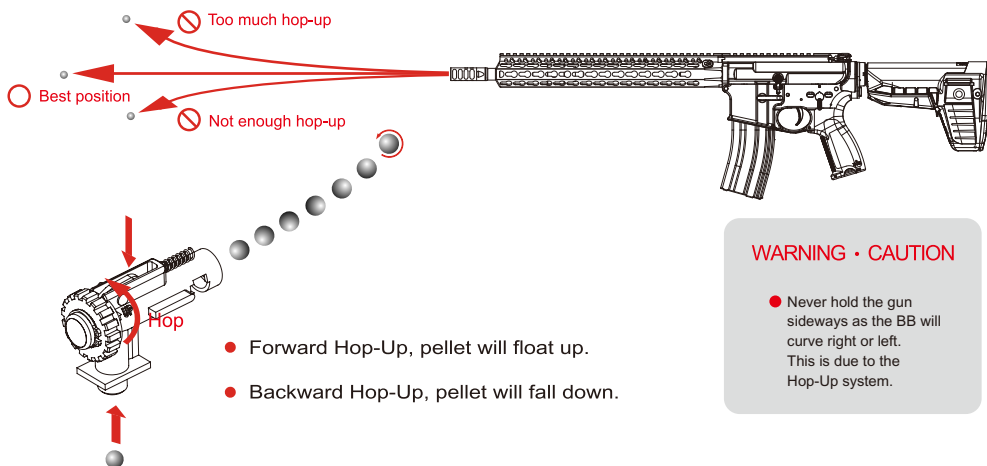
WARNING • CAUTION

- Too much hop up may cause BBs to jam. If a jam occurs, immediately dial back the hop up and test fire again. Otherwise, damaged and malfunctions will occur with the gun.

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- The best position is where the bbs fly horizontally and the longest flying distance is obtained.



- Forward Hop-Up, pellet will float up.
- Backward Hop-Up, pellet will fall down.

Improper Hop-Up Setting Troubleshooting

Symptom	Cause	Action
BB's flying upward	Hop-up setting too high.	Gradually return adjustment lever towards normal.
Short flying distance of BB's (less hop-up effect)	Hop-up setting too over.	Gradually return adjustment lever towards normal.
	Hop-up system contaminated by oil or dirt.	Clean using the cleaning rod or consult your dealer or VFC for repair.
	Worn or damaged Hop-up system.	Purchase the replacement part at your dealer or from VFC and replace it.
Can not adjust	Damaged adjustment lever or other parts	Purchase the replacement part at your dealer or from VFC and replace it.
Frequent BB jamming	Hop-up setting too high.	After the adjustment lever is returned to normal side, and the hop is released, it adjusts again.
	Improper or too large sized BB's	Only use quality Airsoft BB's
	Dirty Hop-up system	Clean using the cleaning rod or consult your dealer or VFC for repair

-TROUBLESHOOTING CLINIC-

Symptom	Cause	Action
No operation at all	Selector lever is set to safe.	Set the selector lever to fire. (semi or full auto)
	Battery is not charged.	Charge the battery.
	Battery connector is disconnected.	Connect the connector.
	The + and - of battery connector is reversed.	Connect the connector correctly.
	Fuse is blown out.	Replace the fuse.
Motor is cycling but gun does not fire	BB's are clogged inside the magazine.	Insert the cleaning rod cord into the magazine and move it up and down several times to remove jammed bb's.
	BB's are clogged in the chamber.	Remove jammed bb's in chamber using a cleaning rod.
	Faulty gear.	Purchase the replacement gear from your dealer or VFC and repair.
Malfunction of full auto operation (automatic firing)	Insufficient battery power.	Charge the battery.
	BB's are clogged inside the magazine.	Repair the clogged magazine.
Malfunction of semi-auto operation	Poor electrical connection.	Consult your dealer, VFC for maintenance or repair.
Malfunction of semi-auto operation (single shot)	Insufficient battery power.	Charge the battery.
	Poor electrical connection.	Consult your dealer, VFC for maintenance or repair.
Automatic firing cycles become slow	Insufficient battery power.	Charge the battery.

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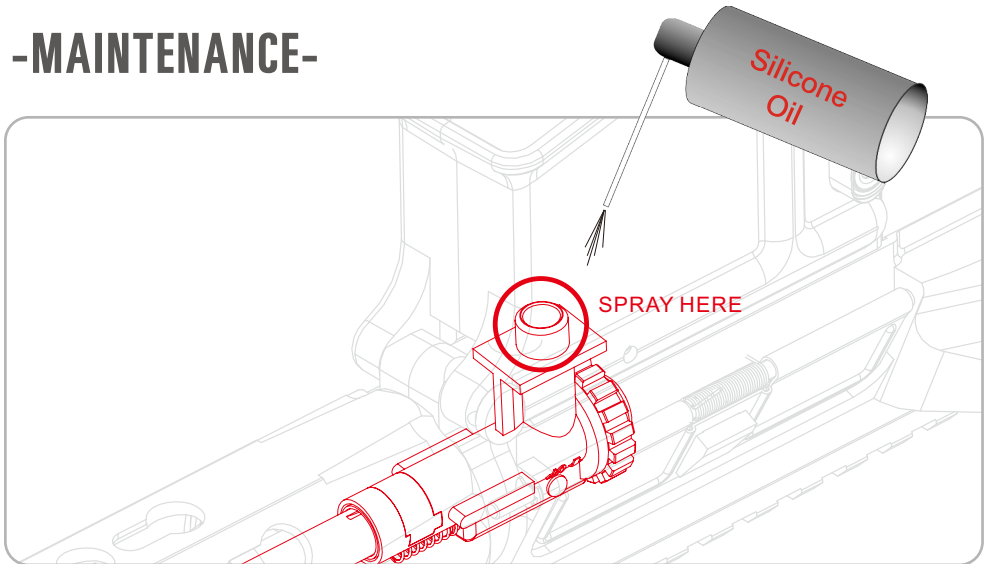
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-TROUBLESHOOTING CLINIC-

Symptom	Cause	Action
Shooting distance becomes shorter	Gear problems caused by excessive dry firing.	Consult your dealer, VFC for maintenance or repair. Replace the chamber packing, piston packing(O-ring)and piston assembly.
Overly loud operating noise	Gear problems caused by excessive blank firing.	
	Worn or damaged gear.	
Bullets falling out from barrel end	Gear problems caused by excessive dry firing.	Only use quality Airsoft BB's.
	Worn or damaged hop up bucking .	

If you have any other questions, please contact your dealer or email us at service@vegaforce.com.tw

-MAINTENANCE-



⊙ After Operation

- Point the gun in a safe direction, remove the magazine and fire the gun in semi auto mode to clear the barrel and release the internal spring. Then set the selector to SAFE.
- Be aware a BB may still be in the barrel after the magazine is removed, or if the magazine is empty.

⊙ Cautions on Motor and Battery

- If the rate of fire noticeably drops, recharge the battery or replace with a fully charged one.
- Allow adequate time (5-10 minutes) for motor and battery to cool after shooting 500 rounds continuously.

⊙ When BB's Are Clogged

- If a bb jam occurs, remove the magazine and clear the jam using a cleaning rod.
- Apply a few drops of silicone oil the Hop-up service port. If you are unable to clear the jammed bb's, contact your nearest authorized dealer for service.

WARNING • CAUTION

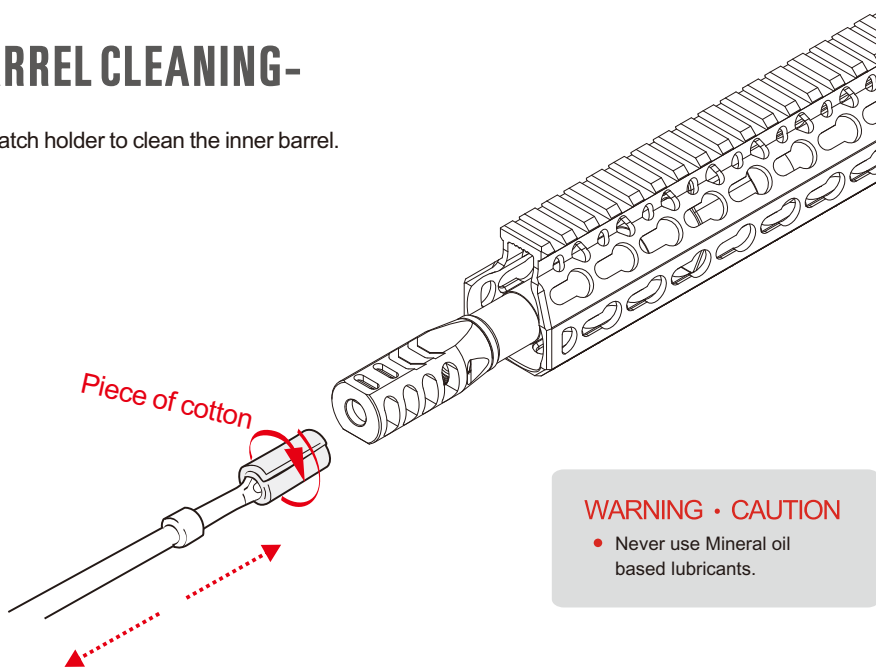
- Never use Mineral oil based lubricants.
- Please read the warning on page 1 before shooting.

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-BARREL CLEANING-

Use patch holder to clean the inner barrel.





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AIRSOFT ELECTRIC RIFLE INSTRUCTION MANUAL



Always wear proper eye protection and make sure all surrounding people have proper eye protection before using this product.



Intended for users 18 years and older.



Do not brandish a replica weapon in public.



Improper conduct or misuse can cause serious injury or death.



Read instructions before use.



Transport this product in a proper carrying device.



6MM.