



**LUCID**  
AIRSOFT

# L36 SERIES

## Instruction Manual



### WARNING



Operation of this air gun for competition use is restricted to users younger than 18 years old.



Since the field of fire can be about 50 to 60 meters, careless shooting may cause eye damage or other injuries.



Always read through this HANDLING CAUTIONS AND INSTRUCTION MANUAL carefully before operation. Operate the air gun with full recognition of warnings and cautions.

**Always read through this manual before operation.**

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# L36 SERIES

## 6mm Airsoft Electric Gun

### 1 SAFETY AND HANDLING

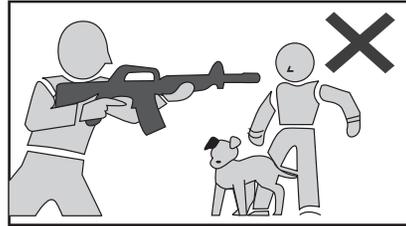


Always read through this manual before operation

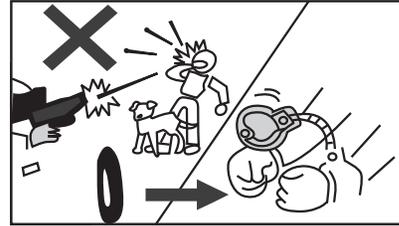
Make sure to wear eye protection.



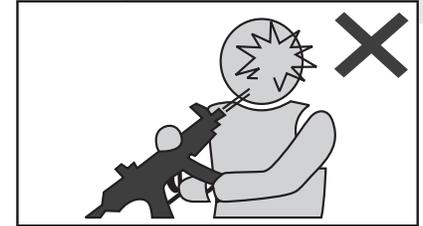
Don't train on people or animals.



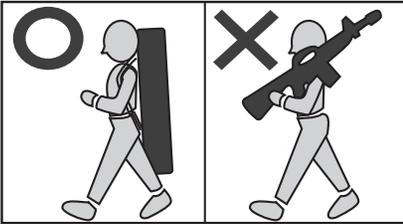
Don't shoot mischievously.



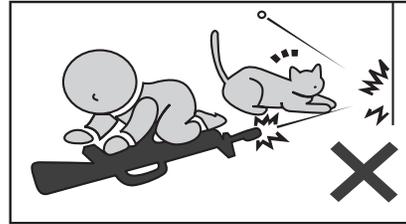
Don't look close to the muzzle.



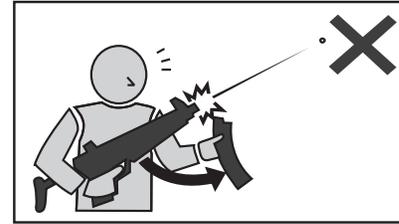
Use a bag or box when transporting.



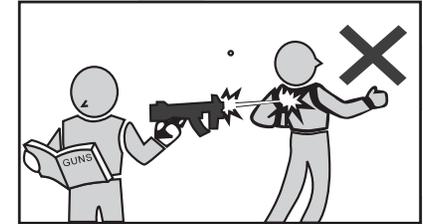
Keep out of the reach of children.



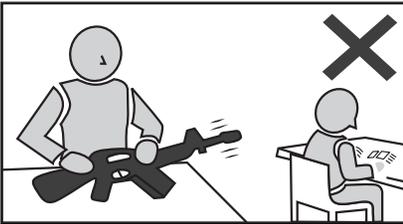
Gun may still fire with magazine removed.



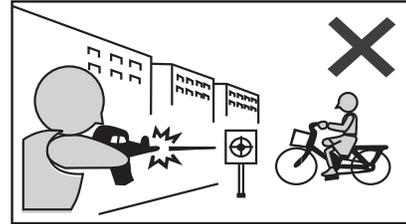
Never shoot casually.



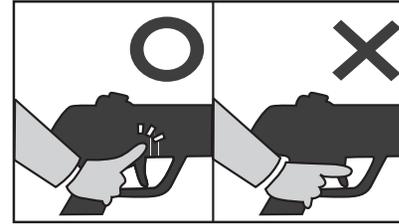
Practice safe muzzle controls at all times.



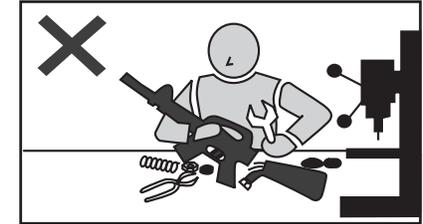
Don't shoot where there is people or transportation.



Keep finger off the trigger until you're ready to shoot a target.



Do not dismantle or attempt repairs yourself.

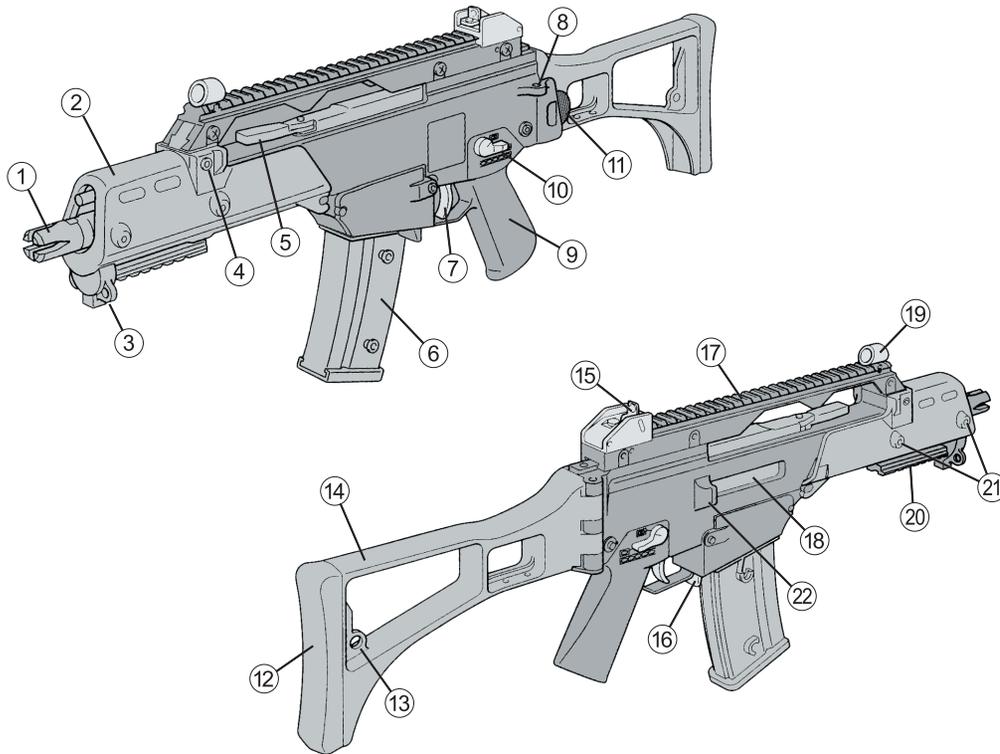


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6mm Airsoft Electric Gun

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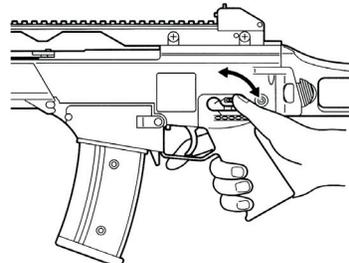
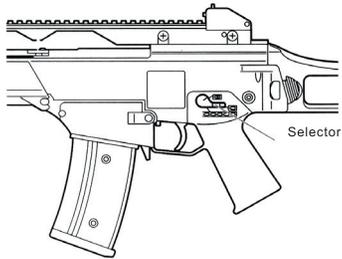
## 2 COMPONENT NAMES



Flash Hider	1
Handguard	2
Front Sling Point	3
Lock Pin	4
Cocking Lever	5
Magazine	6
Trigger	7
Rear Sling Point	8
Grip	9
Selector	10
Stock Lock Button	11
Butt Plate	12

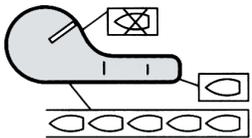
Rear Sling Point	13
Folding Stock	14
Rear Sight	15
Magazine Catch Lever	16
Long Mount Rail	17
Ejection Port	18
Front Sight	19
Under Mount Rail	20
Hard Points	21
Stock Lock Rib	22

### 3 Selector and Safety Setting



It can be operated even with one hand.

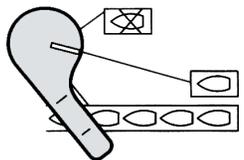
#### SAFETY SWITCH ON



#### SAFETY SETTING

The trigger cannot be pulled. Always set the selector to the Safe Position when storing or transporting.

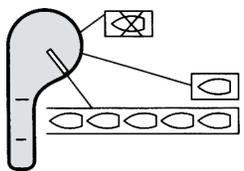
#### SAFETY SWITCH OFF



#### SEMI AUTOMATIC

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

#### SAFETY SWITCH OFF



#### FULLY AUTOMATIC

The gun will fire automatically while the trigger remains pulled.

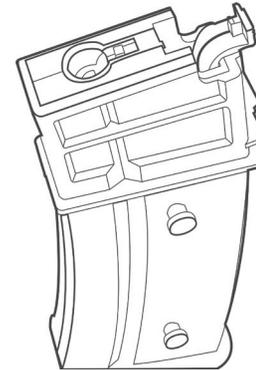
#### WARNING · CAUTION

- Pulling the trigger with the selector being set to safe may damage the gun.

### 4 Loading BB Bullets and setting the Magazine

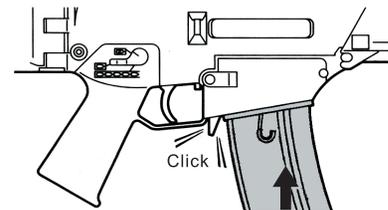
1. Open hatch on top of magazine and load in BBs.

2. Close the hatch and wind the gear on the bottom of the magazine.



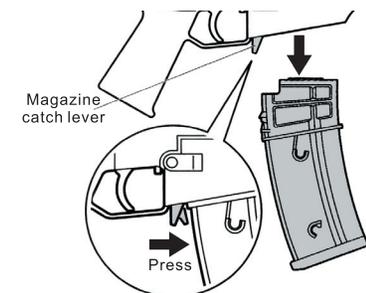
#### Installation

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



#### Remove Magazine

Press the release button to remove magazine. Support the magazine with your hand to prevent it from dropping.

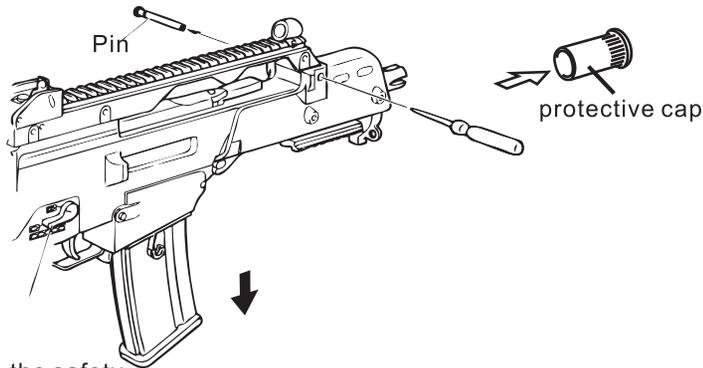


### 5 Setting the battery



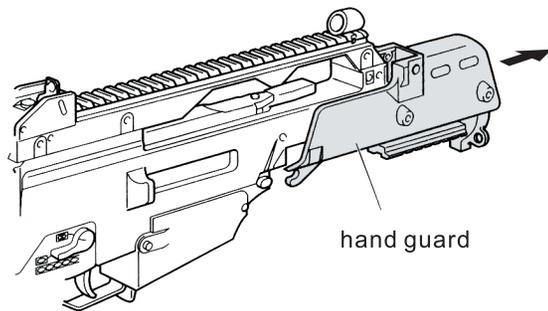
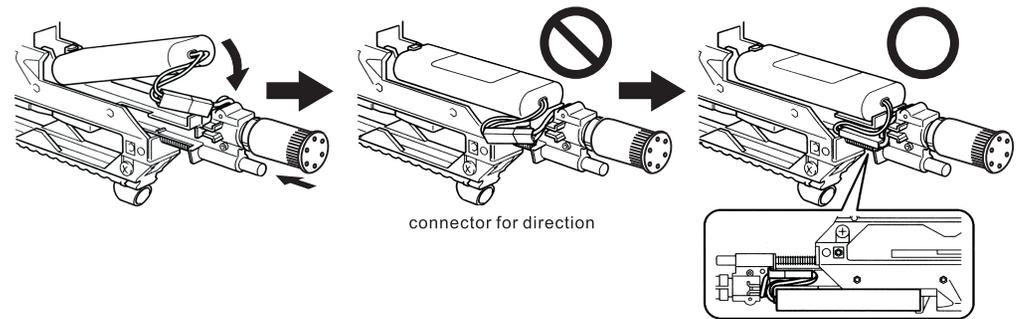
**Do not overcharge your battery.**  
Maximum charge time should not exceed 5 hours.

1. Set the safety to "ON". Remove the Magazine and the protective cap. Pull out the lock pin using a screwdriver.



Turn the safety switch to ON

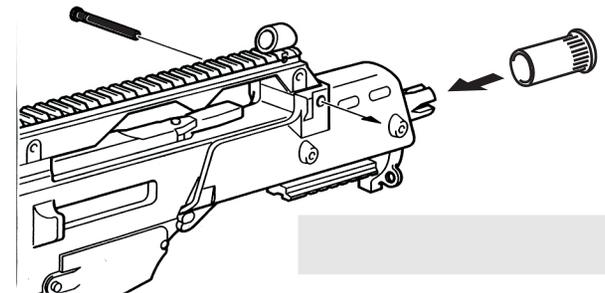
2. Set the battery to the hook as shown below. Then, attach the connector.



#### WARNING · CAUTION

- When you can not set the battery, check the cords and the position of the connector.
- Do not pull out the lock pin at a slant or with turning. You may damage the O ring attached to the lock pin.

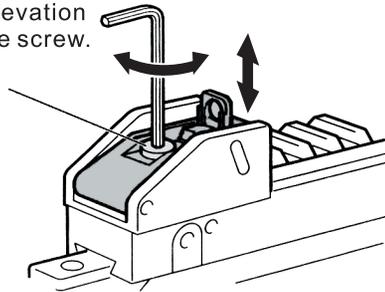
3. Install the lockpin while securing the cords with your fingers.



### 6 Sight adjustment

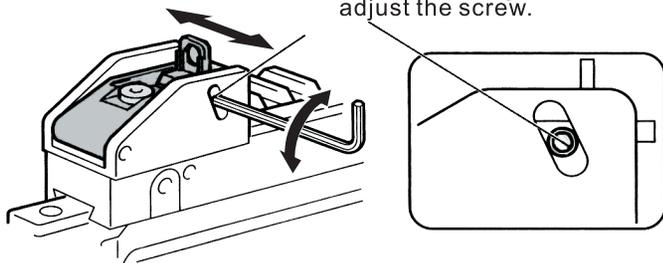
Adjust the sight vertically by turning the elevation adjusting screw. Turning clockwise shifts down the shooting point. Turning Counter clockwise shifts the sight up the shooting point.

Use the Elevation to adjust the screw.

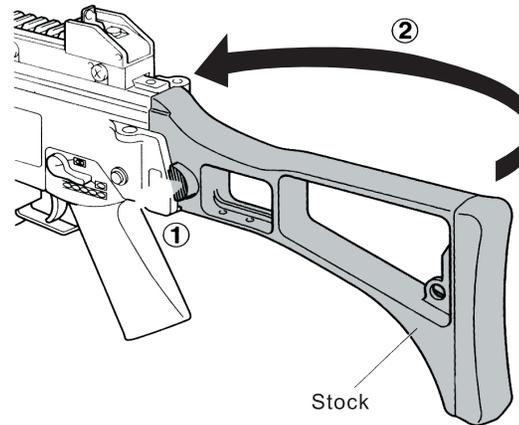


Adjust the sight horizontally by turning the windage adjusting screw. Turning clockwise shifts the sight to the right. Turning counter clockwise shifts it to the left.

Use the windage to adjust the screw.

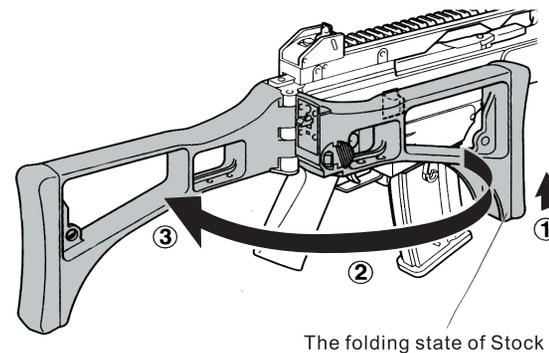


### 7 Folding Stock



#### Folding Procedure

Press the stock lock button (1). Fold the stock by turning in the direction of the arrow (2).

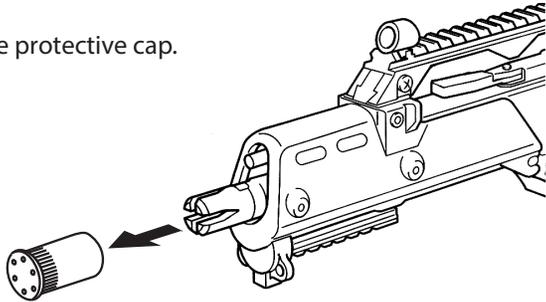


#### Extending Procedure

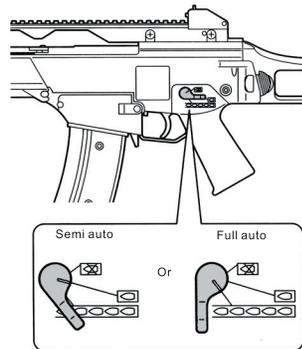
Pull stock towards you (1) while holding the stock (2). Stretch the bent stock straight while pressing the stock lock button (3).

### 8 Firing

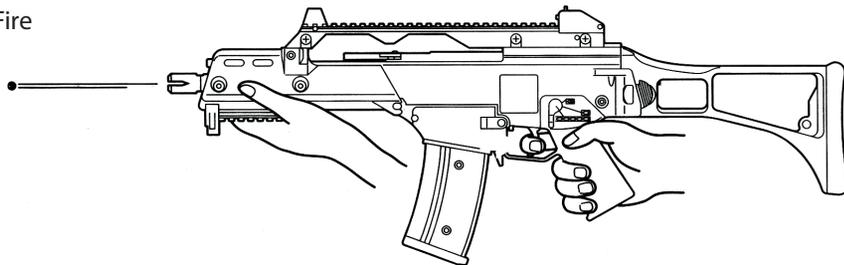
1. Remove the protective cap.



2. Set the selector lever to Semi or full auto



3. Fire



#### After Operation

- Remove the magazine and dry fire the gun in the semi auto mode directing the muzzle to a safe direction. Set the selector to the safe position.
- Disconnect the battery.

#### Cautions on Motor and Battery

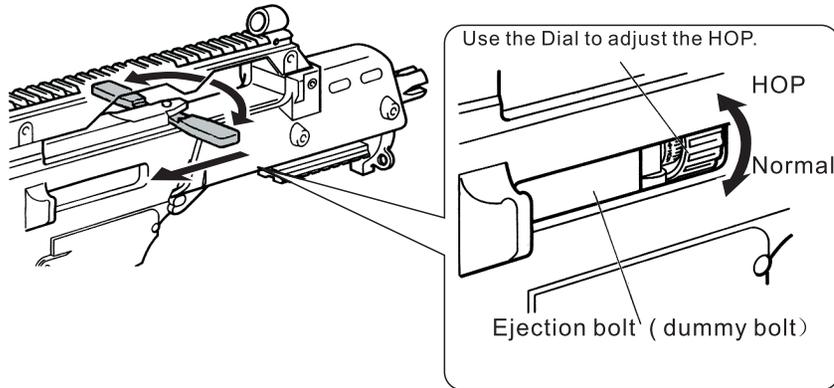
- Charge the battery if the firing becomes slow.
- Give the airgun a rest for 5 to 10 minutes after firing about 500 rounds. This will ensure long service lives of the motor and battery.

#### WARNING · CAUTION

- Never use CRC-556 or other mineral oil.

### 9 Variable hop-up system

By producing a back-spin on the BB bullets, this system allows for straighter and longer shooting.

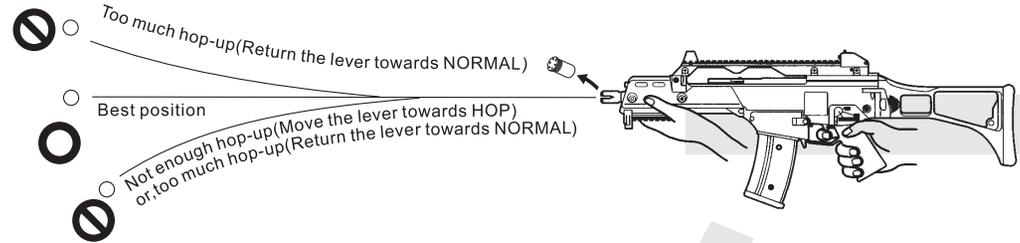


#### Adjustment

- Open bolt to adjust the Hop-Up system
- Gradually turn the adjustment dial to give hop-up to BBs. Turning excessively affects the trajectory.

#### WARNING · CAUTION

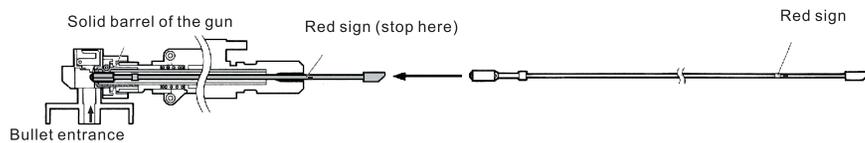
- Too much hop-up can cause BB Bullets to clog frequently.



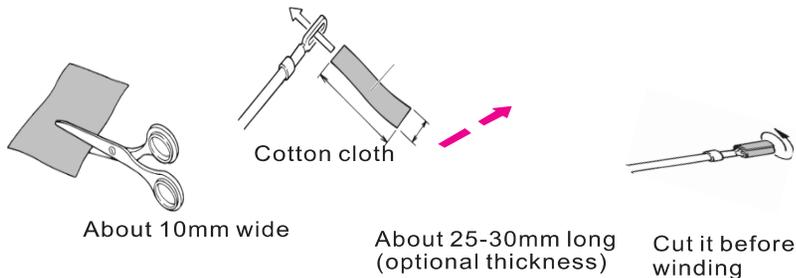
Symptom	Cause	Action
Bullets flying upwards	Too much hop setting	Gradually return adjustment lever towards Normal.
Short flying distance of bullets (less hopping up effect)	Too much hop setting	Gradually return adjustment lever towards Normal.
	Hop packing contaminated by oil or dirt	Fire bullets equivalent to 1 to 2 magazines or clean the chamber using cleaning rod.
	Worn or damaged hop packing	Purchase the replacement part from your dealer and replace it.
Cannot adjust	Damaged adjustment lever or other parts	Purchase the replacement part from your dealer and replace it.
Frequent bullet clogging	Too much hop setting	Gradually return adjustment lever towards Normal.
	Improper or too large sized BB bullets	Use high quality BBs of the correct size.
	Dirty hop packing	Clean using the cleaning rod or consult your dealer or for repair.

### 10 Maintenance

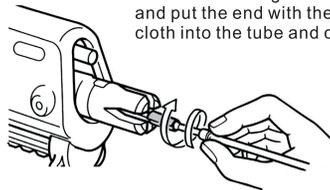
- Apply a few drops of silicone oil or Teflon oil from the BB bullet entrance. Insert BB bullets into the magazine and fire bullets equivalent to 1 or 2 magazines.
- Remove excess oil using the cleaning rod as shown below.



Cut the cotton cloth as illustrated. Pass it through the hole of the cleaning rod and wind it properly.



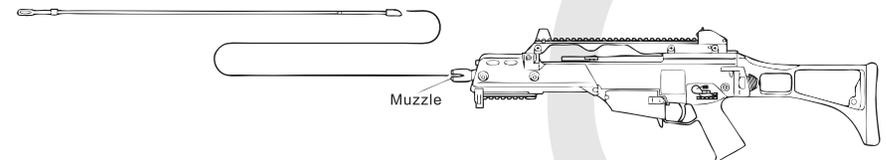
Hold the cleaning rod at an end and put the end with the cotton cloth into the tube and clean it.



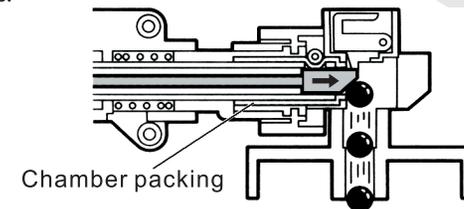
Inserting the rod will be difficult if you hold rod at the end.

### 11 Removing Clogged BB bullets

- Remove the magazine and then the barrel assembly.
- Return the hop up dial to the Normal position and insert the cleaning rod from the lead edge of the barrel.



- Be careful so that the angled part of the cleaning rod faces down, and remove clogged bullets.

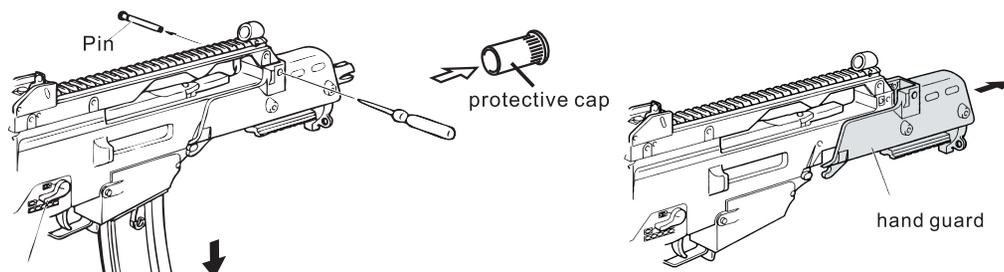


#### WARNING · CAUTION

- When BB bullets are clogged, immediately stop operation.
- Be careful during maintenance. The inside chamber is precisely designed and can damage easily.

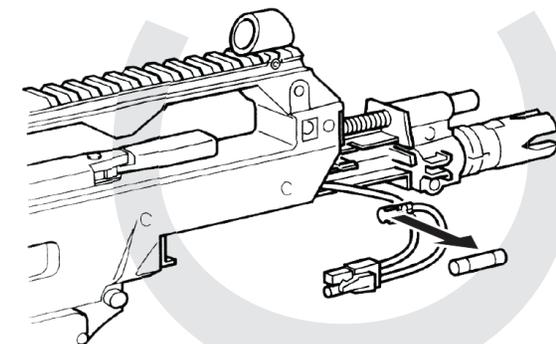
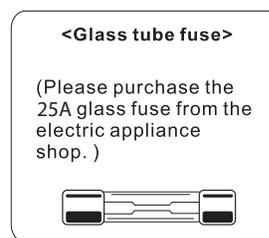
### 12 Fuse Replacement

- Set the safety to "ON". Remove the Magazine and the protective cap. Pull out the lock pin using a screwdriver.

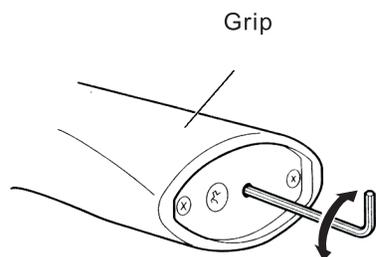


Turn the safety switch to ON

- If a fuse is blown, check for possible faulty parts. To replace the fuse you must remove the handguard and battery.



### 13 Adjustment of Gear Engagement



Please use the 1.5mm inner hexagonal spanner for the M3 setscrew.

- Adjust only when the motor noise becomes high after operations for a long period of time.
- Pull the trigger while adjusting the set screw to the left or right. Stop when the motor is the quietest.

### 14 Troubleshooting

Symptom	Cause	Action
No operation at all	Selector lever is set to Safety.	Set the selector lever to Semi or Full Auto.
	Battery is not charged.	Charge the battery.
	Battery connector is disconnected.	Attach the battery connector.
	The + and - connection of the battery connector is reversed.	Attach the battery connector properly.
	Fuse is blown out.	Replace Fuse.
	Expired motor life or poor electrical connection.	Replace motor or check/repair the contacts.
Although the motor is revolving, BB bullets are not being discharged	Bullets are clogged in the magazine.	Insert the charging rod into the magazine to remove the clogged BB bullets.
	Bullets are clogged in the chamber.	Remove clogged bullets using the cleaning rod.
	Faulty gear.	Purchase a replacement gear from your dealer.
Impossible automatic firing	Insufficient battery power.	Charge the battery.
	Faulty bullet feed of magazine.	Repair clogging of the magazine.
	Poor electrical connection.	Consult your dealer for repair.
Impossible semi-auto firing	Deviation in gear timing	Set to semi auto after firing 5 to 6 rounds in full auto.
	Insufficient battery power	Charge the battery.
	Poor electrical connection	Consult your dealer for repair.

### 14 Troubleshooting Cont.

Symptom	Cause	Action
Automatic firing cycles become long	Insufficient battery power	Charge the battery.
Shooting distance becomes shorter	Worn or damaged chamber packing.	Consult your dealer for repair. Replace the chamber packing, piston packing (O-ring) and piston assembly.
	Worn or damaged chamber packing (O-ring).	
	Deteriorated piston spring.	
	Faulty BB bullets.	Use high quality BB bullets.
	Shortage of silicone oil	Put a few drops of silicone oil from under the chamber.
Operating noise too loud	Gear problem caused by too many blank firings or worn/damaged gear.	Consult you dealer for repair.
BB bullets falling out from barrel end	Worn or damaged chamber packing.	
	No hop setting.	Turn the hop adjustment lever toward Hop.
	Faulty BB bullets.	Use high quality BB bullets.
Being wet by or dropped into water	Stop operation immediately, disconnect the battery, wipe off water from inside the main body and the battery. If no operation is detected, consult your dealer for repair.	

