



LG3

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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1 SAFETY AND HANDLING

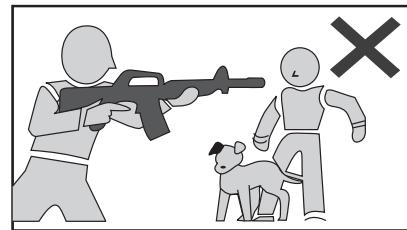


Always read through this manual before operation

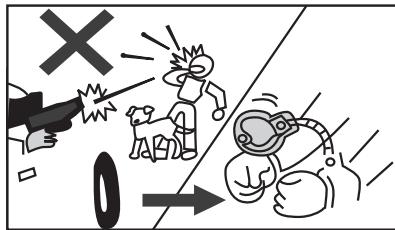
Make sure to wear eye protection.



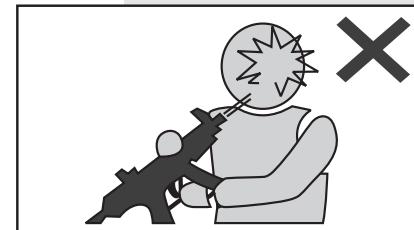
Don't train on people or animals.



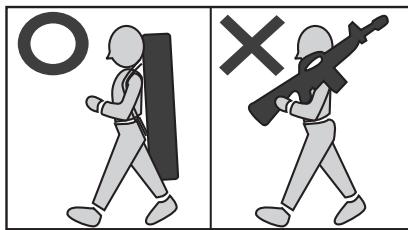
Don't shoot mischievously.



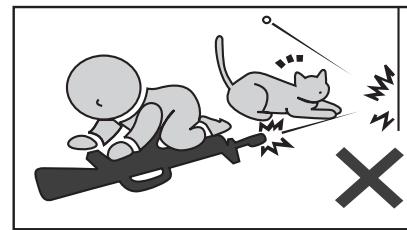
Don't look close to the muzzle.



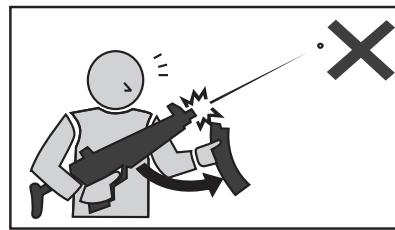
Use a bag or box when transporting.



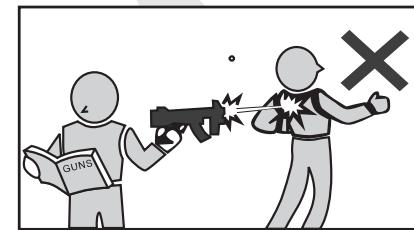
Keep out of the reach of children.



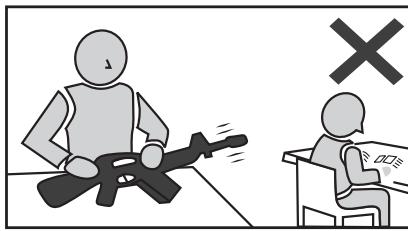
Gun may still fire with magazine removed.



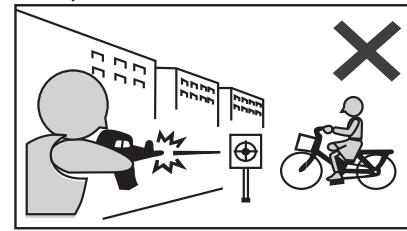
Never shoot casually.



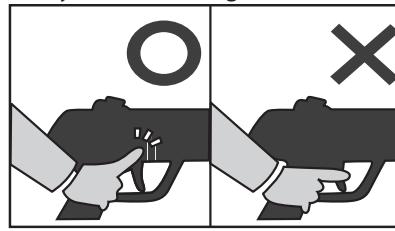
Practice safe muzzle controls at all times.



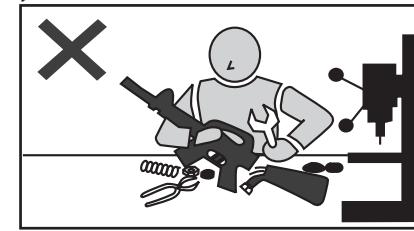
Don't shoot where there is people or transportation.



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



Do not dismantle or attempt repairs yourself.

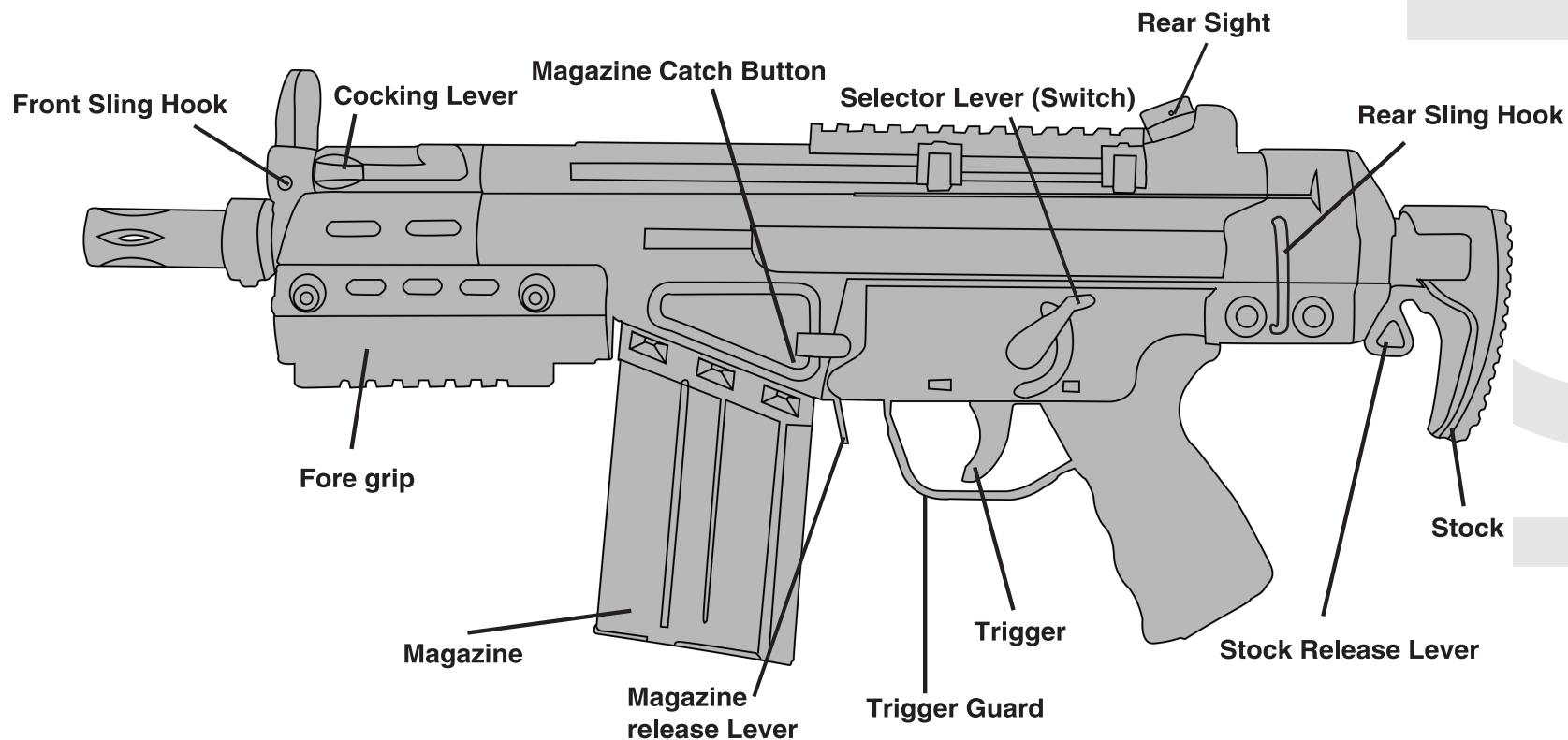


LG3 SERIES

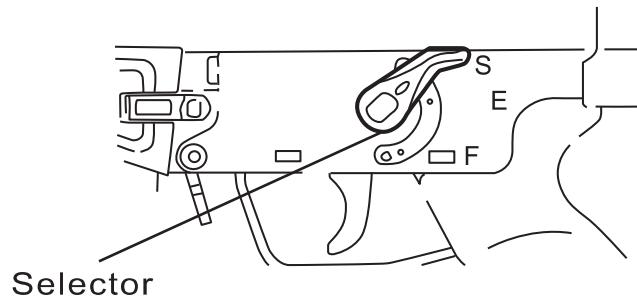
6mm Airsoft Electric Gun

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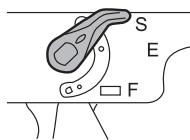
2 COMPONENT NAMES



3 Selector and Safety Setting



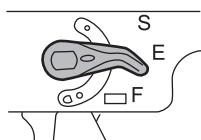
SAFETY SWITCH ON



SAFETY SETTING

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

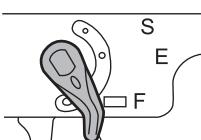
SAFETY SWITCH OFF



SEMI AUTOMATIC

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

SAFETY SWITCH OFF



FULLY AUTOMATIC

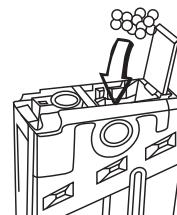
The gun will fire automatically while the trigger remains pulled.

WARNING · CAUTION

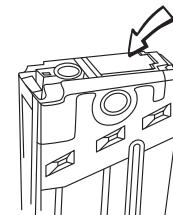
- Pulling the trigger with the selector being set to safe may damage the gun.

4 Loading BB Bullets and setting the Magazine

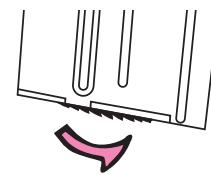
1. Open the hatch at the top of the magazine and load BB bullets.



2. Close the top hatch when BB bullets are loaded.

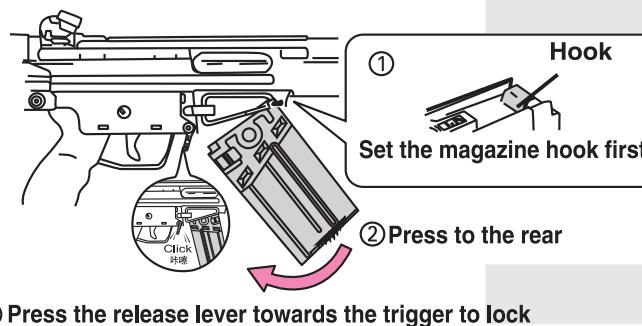


3. Face the loading hole for the BB bullets upward and turn the gear at the bottom.



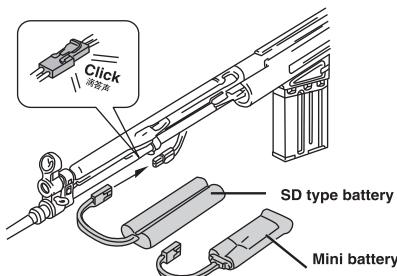
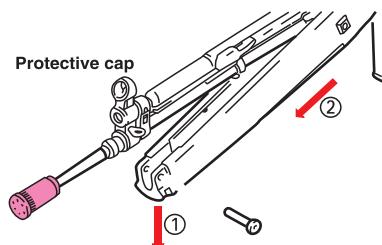
Installation

Make sure to set the magazine upward. First, align to the groove shown(shown below) and press in the rear of the magazine.

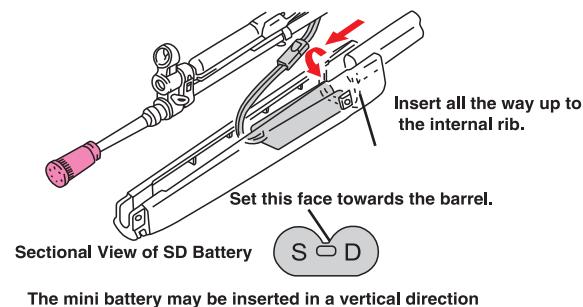


5 Battery

1. Remove the lock pin from the foregrip. Next, hold the gun with the tip of the foregrip facing downwards and remove it by sliding it to the front.



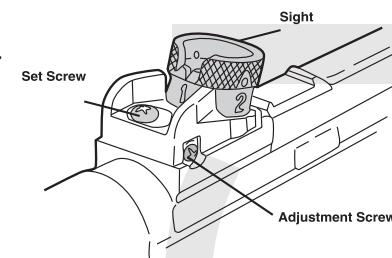
3. Store the battery in the main body. Insert from the rear of the foregrip and lay down.



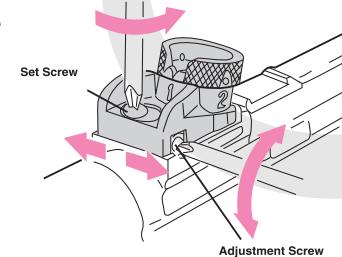
4. Reinstall the foregrip in the reverse order of the removal process.

6 Rear Sight and Front Sight Adjustment

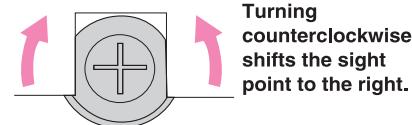
1. Loosen the set screw.



2. To move the sight, turn the adjustment screw using a screwdriver.



Turning clockwise:
Raises the bullet
hittingpoint.



3. When adjustment is complete, tighten the set screw.

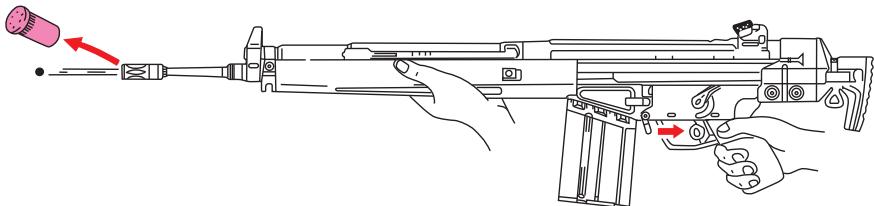


Do not overcharge your battery.

Maximum charge time should not exceed 5 hours.

7 Firing

1. Make sure to set magazine upwards and connect it firmly until a click sound is heard.
2. Set the selector lever to Semi or full auto
3. Fire



WARNING · CAUTION

- Never put your finger onto the trigger unless you are ready to shoot a target.

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

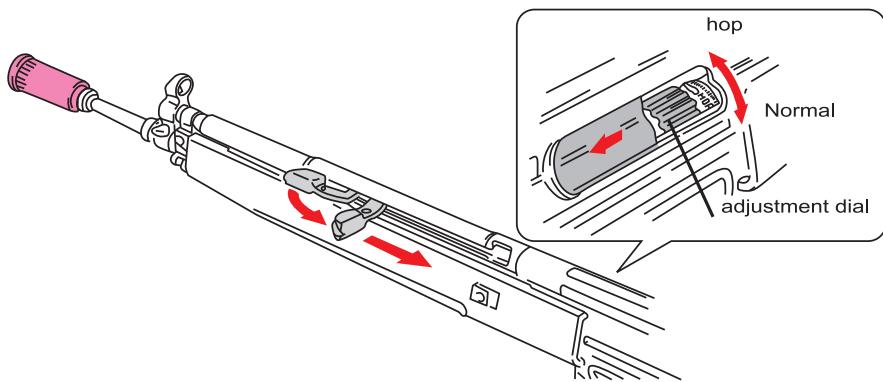
- Charge the battery if the firing becomes slow.
- Give the airgun a rest for 5 to 10 minutes after firing about 500 rounds. This will ensure long service lives of the motor and battery.

WARNING · CAUTION

- Never use CRC-556 or other mineral oil.

8 Variable hop-up system

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

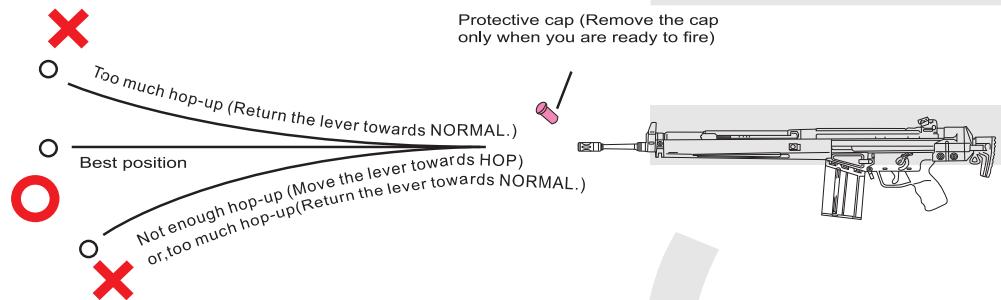


Adjustment

- 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

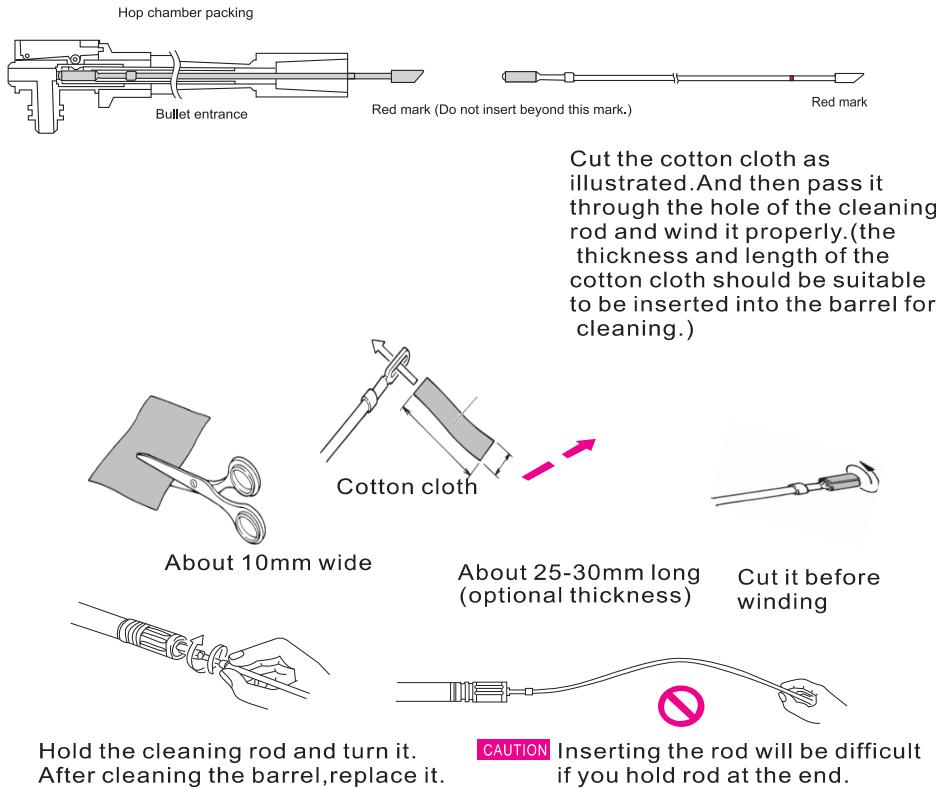
- Too much hop-up can cause BB Bullets to clog frequently.



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.

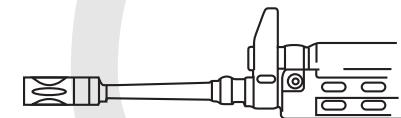
09 Maintenance

- 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.

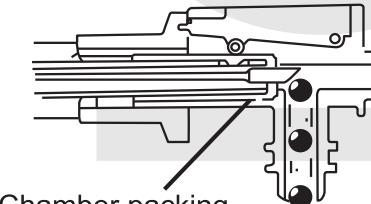


10 Removing Clogged BB bullets

- Insert the cleaning rod from the lead edge of the barrel.
- 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.



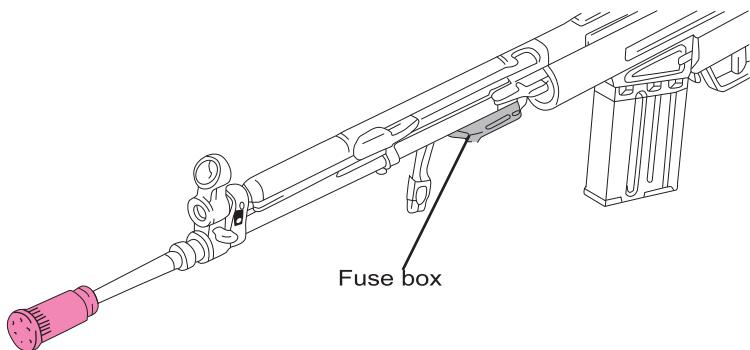
Chamber packing

WARNING · CAUTION

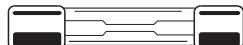
- When BB bullets are clogged, immediately stop operation.
- Be careful during maintenance. The inside chamber is precisely designed and can damage easily.

11 Fuse Replacement

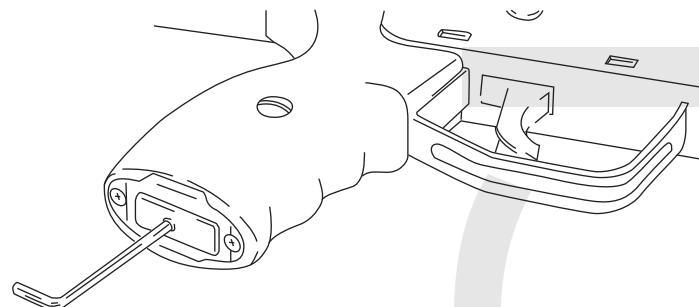
- The fuse box is accessible when the fore grip is removed.



Glass Tube Fuse
It can be purchased at a nearby electrical appliance shop (be sure to buy the 25A type)



12 Adjustment of Gear Engagement



- 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.

WARNING · CAUTION

- Do not reuse BB bullets
- The fuse may blow out due to an electrical over current. Check for possible faulty parts and then connect the battery again.

13 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.

13 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.	
	Shortage of silicone oil	
	Gear problem caused by too many blank firings or worn/damaged gear.	
Operating noise too loud	Gear problem caused by too many blank firings.	Consult you dealer for repair.
BB bullets falling out from barrel end	Worn or damaged chamber packing.	
	No hop setting.	
	Faulty BB bullets.	Turn the hop adjustment lever toward Hop.
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.	Use high quality BB bullets.

LG3 SERIES

6mm Airsoft Electric Gun

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Exploded View

