



**G&G ARMAMENT**  
AIRSOFT GUNS & ACCESSORIES

G-01-021



G-12-010



G-12-008



**OPTIONAL  
PARTS**

G-03-046



G-03-031



**G3S1S**  
SERIES  
6mm Electric Semi/Full Auto System

**INSTRUCTION  
MANUAL**



**G&G ARMAMENT**  
AIRSOFT GUNS & ACCESSORIES

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# WARNING

Operation of this air gun for competition use is restricted to users of 18 years old or more. Careless shooting and wrong operation are dangerous, causing eye damage or other injury.

# G3S1S

SERIES  
6mm Electric Semi / Full Auto System



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Adult supervision required. Always wear safety goggles when shooting. Misuse or careless use may cause injury. May be dangerous up to 50 meters. Read all instructions before using the airsoft gun. The purchaser and user should conform to all laws governing use and ownership of airsoft guns.

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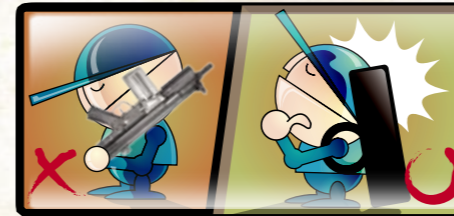
WARNING



You may be liable for damaging public or personal property or for injuring a person or an animal even if you only meant to shoot as a "practical joke." Always observe good manners and enjoy fun sport shooting.



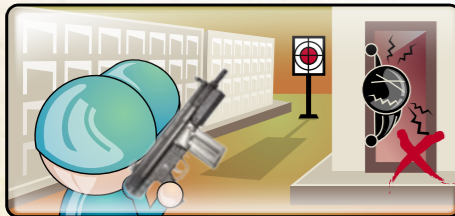
Never direct the muzzle towards a person, animal or in any direction. That may cause harm or damage to the third party.



When you carry the air gun, attach the safety cap, set the selector lever to the safety position and always put the air gun in a case or bag.



Activating the trigger carelessly is extremely dangerous. Never put your finger on the trigger unless the safety cap is removed and you are ready to shoot a target.



Select a safe place for operating the air gun, avoid places where people and cars are around.



Make sure to put the barrel and safety cap on the muzzle, except when you are shooting. Do this to prevent accident, discharge of BBs and also for dust protection purpose. Never pull the trigger while the barrel and the safety cap is attached.



When shooting the air guns for target practice or in a game situation, you and all participants must wear safety goggles or other eye protective gear. Also, pay attention to ricochets. It is very important to pay attention to third parties other than the participants.



There may be cases where some BBs remain in the gun after the magazine has been removed. After removal of the magazine, direct the muzzle towards a safe direction and pull the trigger to confirm that there are no BBs remain in the gun, then attach the safety cap.



Safety procedures:  
1. Attach the safety cap to the muzzle.  
2. Set the selector lever to the safety position.  
3. Remove the magazine.  
4. Remove the battery.



Looking into the muzzle is extremely dangerous regardless of BBs having been loaded or not. If you get hit in the eye by a BB pellet, you may in worst case, lose your eye sight.



Always attach the safety cap to the muzzle, remove the battery and store the air gun in a case or bag and at a place that is out of reach by children.



Disassembling or modifying the gun may adversely affect the performance and make it dangerous. "It may be against the Law."

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The Real G3 is a 7.62 mm automatic rifle developed in the 1950s by the German armament manufacturer HK (Heckler & Koch GmbH) in collaboration with the Spanish state-owned design and development agency CETME (Centro de Estudios Técnicos de Materiales Especiales).

For short-range sniping, the SAS armoury includes the G3 SG1. The SG1 variant is a standard G3 with the addition of a special barrel, bipod, ergonomic butt-stock, trigger-group and sniper scope.

A further G3 variant, the highly compact MC51, is rumoured to have been used by UKSF. Nearly half as short as the full-size G3, the MC51 combines firepower and ergonomics. How effective a 7.52mm weapon with such a short barrel would be in combat is unclear and it's not believed that the British-built MC51 was ever used in anger. A version with an integrated suppressor was reportedly used for a short time by the SBS.

The Regiment used the G3 in its ambush of an IRA active service unit at Loughgall, in 1987. G3s are often given to SAS counter terrorist teams when guarding the perimeter of a terrorist stronghold.

Although the G3 SAS not a real production model it make's a Great CQB weapon with all the good features of the G3 SG1 variants and none of their draw backs. The G3 SAS is the dominant choice for CQB(Close Quarter Battle).



**G3SAS**  
SERIES  
6mm Electric Semi / Full / Auto System

# COMPONENTS

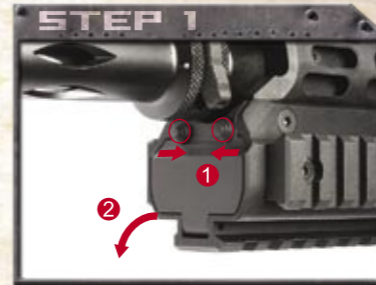
# G3S1S

SERIES  
6mm Electric Semi / Full Auto System

# BATTERY SETTING



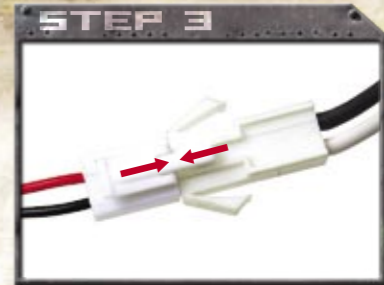
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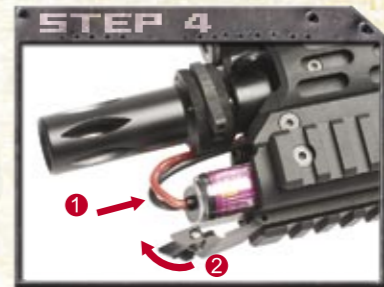
Push both of buttons at the same time to open the cover.



Pull out the connector.



Connect battery plug with the connector.



Insert battery then close the cover.

**CAUTION** |

**RECOMMENDED BATTERY TYPE**

▶ G-11-014  
8.4V 600mAh rechargeable battery

▶ G-11-017  
8.4V 1400mAh rechargeable battery

# SETTING MAGAZINE

# FIRING MODE AND SAFETY



Push the magazine catch to release the magazine.



Open the cover of magazine and load G&G 5.95mm BB pellets into the magazine.



After the BB pellet had been loaded, close the cover and turn the gear on the bottom of the magazine until it clicks.



Make sure the hook is inserted into the magazine.



Set the magazine upward and connect firmly till a click sound is heard.

## CAUTION

Always use the G&G BB pellet or diameter 5.94 ~ 5.96 mm BBs for this air gun. G&G shall not be held responsible for any damage or accidents arising from the use of pellets supplied by other manufacturers.



### THE TRIGGER CANNOT BE PULLED

When not firing the gun or during storage, always set the selector to the Safe Mode and attach the protective cap on the muzzle.



### SINGLE SHOT

The gun will fire one shot each time as pull the trigger.



### AUTOMATIC FIRING

The gun will fire automatically while the trigger remains pulled.

## CAUTION

Set the selector in correct position; otherwise malfunction may occur.

## CAUTION

Never operate the Selector while pulled the trigger. Pull the trigger with the Selector being set at safe mode may damage the air gun.

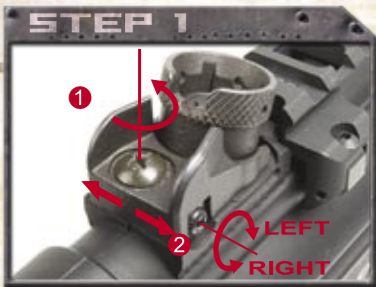
# Rear Sight Adjustment



# HOP-UP ADJUSTMENT



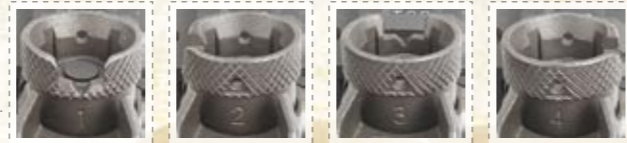
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Loosen the rear sight fixing screw and turn the adjusting screw with a screwdriver.



Turn for adjustment. Use the small size for precision shooting.



Pull the cocking lever backward to open the bolt.



Stock the cocking lever to hold the bolt.

**CAUTION**  
Do not catch your fingers in the dummy bolt.



Turn the adjust dial to change the hop-up effect.



- Too much Hop-up. (Turn the adjust dial toward normal)
- Best Position.
- Not enough Hop-up. (Turn the adjust dial toward strong) or Too much Hop-up. (Turn the adjust dial toward normal)

**CAUTION** Never hold the gun sideways as the BB pellets will curve right or left.

# MOTOR GEAR ADJUSTMENT

# FLASH SUPPRESSOR



**CAUTION**  
Adjust here only when the gear noise become shrilly.



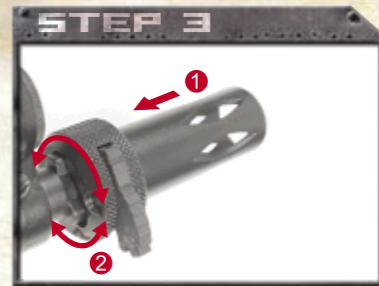
The motor adjust screw is at the bottom of the grip.



Use a screwdriver to adjust.

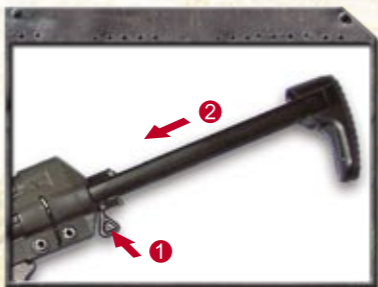


Remove the thread protector to attach the flash(sound) suppressor.



Slip on the barrel fore end and turn.

**CAUTION** | Thread size -  $\varnothing$  14mm CCW



Press the stock release lever to retract stock.



Unlock the locking lever.



Lock the locking lever.

# Retractable Stock

# FIELD DISASSEMBLE



# MAINTENANCE



Pull the stock locking pin out.



Pull the stock base backward.



Pull the lower receiver locking pin out.



Pull the lower receiver out.

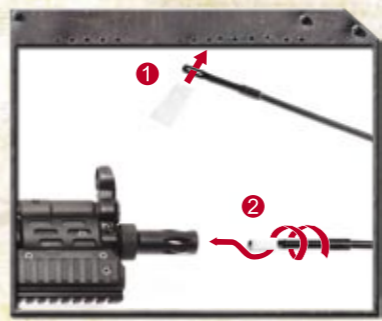


## CAUTION

Moving gun parts may catch fingers. Disassemble with caution. Always remove the magazine and battery first when assemble or disassemble the gun.

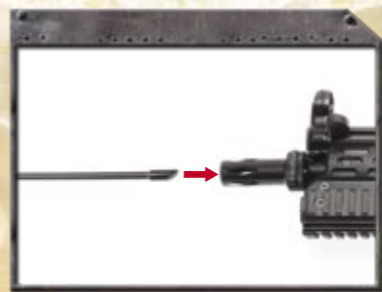
## CAUTION

Do not jam the cleaning rod into the barrel by force. Should the BB's remains inside the barrel after following the instruction above, with the protection cap over the barrel, point the gun to a safe direction and discharge any loosened BB's in semi-automatic mode.



### MAINTENANCE WHEN BULLET SPEED BECOMES LOW

1. Drop a few drops of silicone oil or Teflon oil from the pellet entrance. After insert BB pellets into the magazine and fire pellets around to 200 or 300 pellets.
2. To complete the cleaning, use the cleaning rod (with cotton), to remove excess oil.



### REMOVING CLOGGED BULLETS

1. Return the hop up dial to the Normal position and insert the cleaning rod from the lead edge of the barrel.
2. To remove clogged BB's, carefully insert the cleaning rod inside the barrel with the flat tip facing down as shown below.



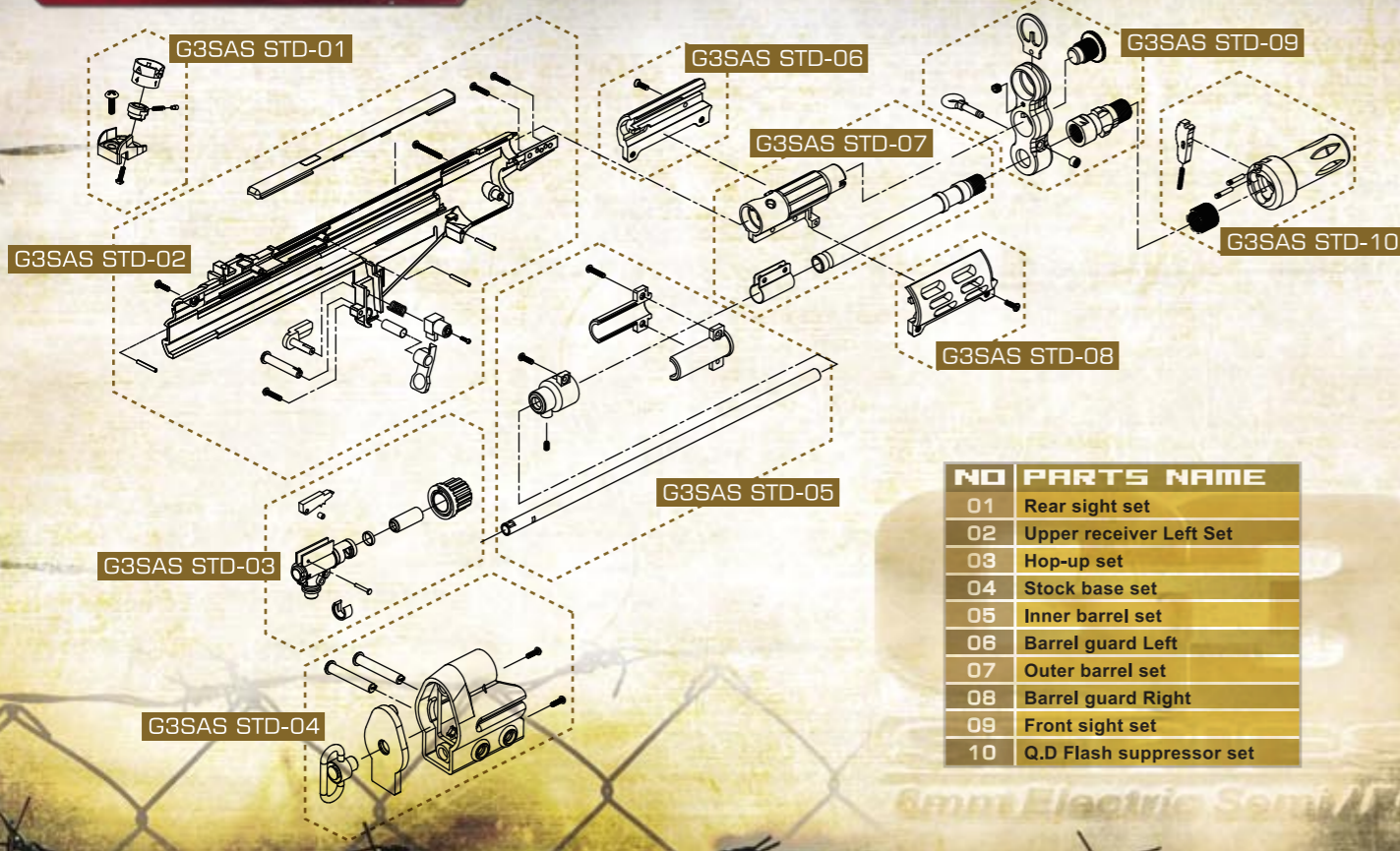
# PARTS LIST

## G3SAS

SERIES  
6mm Electric Semi / Full Auto System

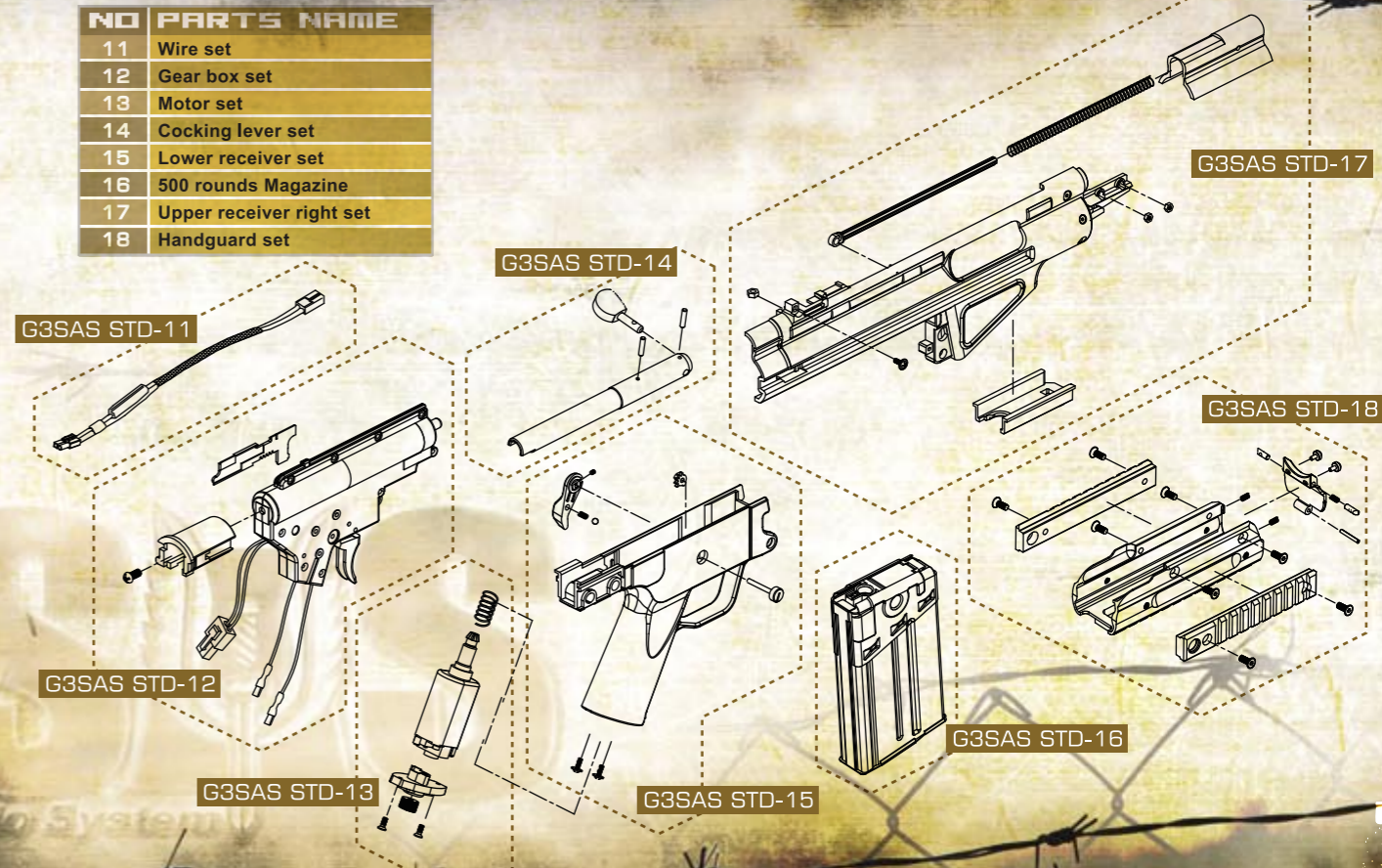


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NO	PARTS NAME
01	Rear sight set
02	Upper receiver Left Set
03	Hop-up set
04	Stock base set
05	Inner barrel set
06	Barrel guard Left
07	Outer barrel set
08	Barrel guard Right
09	Front sight set
10	Q.D Flash suppressor set

NO	PARTS NAME
11	Wire set
12	Gear box set
13	Motor set
14	Cocking lever set
15	Lower receiver set
16	500 rounds Magazine
17	Upper receiver right set
18	Handguard set



# TROUBLE SHOOTING

**CAUTION**  
When a problem occasion please check the steps below, other problems please turn to your dealer or contact us.



# DISCLAIMER



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SYMPTOM	POTENTIAL	CORRECTIVE
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.	Connect the connector.
	The ⊕ and ⊖ of battery connector is reverse.	Connect the connector correctly(check the fause)
Although motor is revolving, no pellet can be fired	Expired motor life (50,000 to 60,000 rounds) or poor electrical connection.	Replace the dead motor (can be purchased from local dealer or directly G&G). Check and repair the contacts.
	Pellets are clogged inside the magazine.	Insert the charging rod into the magazine and move up and down a few times to remove clogged pellets.
	Pellets are clogged in the chamber.	Remove clogged pellets using the cleaning rod.
Impossible full-auto operation(automatic firing)	Faulty gear.	Prurchase the replacement gear from your dealer or G&G and repair.
	Insufficient battery power.	Charge the battery.
	Faulty pellet feed of magazine.	Repair clogging of the magazine.
	Poor electrical connection.	Consult your dealer or us for overhaul maintenance or repair.
Shooting distance becomes shorter	Damaged or worn chamber set.	Replace the replacement parts(Purchasing from your dealer or G&G)
	Damaged or worn piston set (O-ring,piston spring)	
	Something is jammed in the inner barrel	Use the cleaning rod and clean the inner barrel.
	Faulty BB pellets (too small or heavy)	Use the genuine G&G Pellets.
	Shrotage of silicone oil	Drops few drops of silicone oil from upper the chamber.
Too loud operating noise	Gear problem caused by too many blank firing	Consult your dealer or G&G for overhaul maintenance, part replacement (gear,etc.) or repair.
	Worn or damaged gear	
	Gear problem caused by too many blank firing	
Pellets being fallen out from barrel end	Damaged or worn chamber set.	Turn the hop adjustment lever toward Hop.
	No hop setting.	
	Faulty BB Pellets (too small or heavy)	
If gun gets wet	Stop operation immediately, disconnect the battery, wipe off water from inside the main body and the battery. After completely dry, carry out trial firing. If the unit is not operational, please contact your local dealer for repair.	

- \* Accessories pictured are not always included with product.
- \* Adult supervision required for users under 18 years of age.
- \* The purchaser and user should conform to all laws governing and ownership of airsoft guns.
- \* All products in this manual are imitation firearms and are not intended nor represented to be comparable in design, appearance, or function to any actual firearm offered by other manufacturers.
- \* Product names are trademarks of G&G, which has no affiliation to, and is not associated, or sponsored by any manufacturer of actual or imitation firearms. Products may vary form those pictured.



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AIRSOFT GUNS & ACCESSORIES

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### DEALER

Please consult your dealer or G&G for overhaul maintenance and technical guidance.