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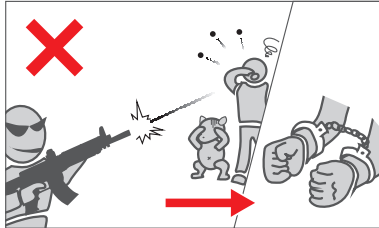


## DISCLAIMER

- 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 catalog 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 Guay Guay Tráfico Company (G&G), which has no affiliation to, and is not associated, or sponsored by any other manufacturer of actual or imitation firearms. Products may vary from those pictured.

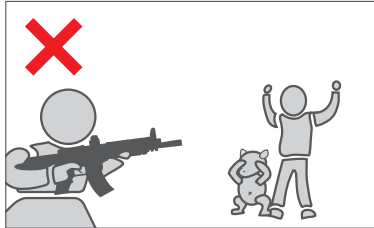


**警告**  
WARNING



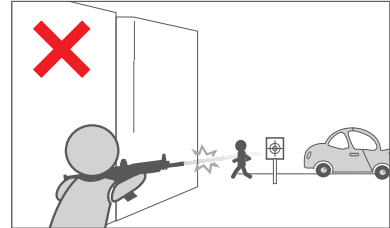
You may be liable for damaging public or personal property or for injuring a person or an animal even if you only meant to shoot as a "practical joke" Always observe good manners and enjoy fun sport shooting.

**警告**  
WARNING



Never direct the muzzle towards a person, and animal or any other dangerous direction.

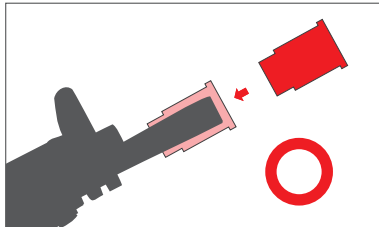
**警告**  
WARNING



Select a safe place for operating the air gun, avoiding places where people and cars pass cross or third persons are around.

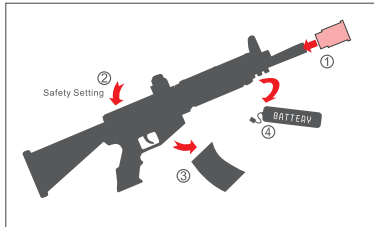
02

**警告**  
WARNING



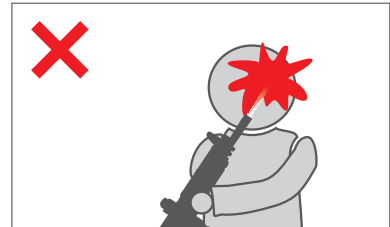
Make sure to attach the barrel and safety cap to the muzzle, except when you are shooting. Do this to prevent accidental, sudden discharge and also for dust protection purposes. NEVER pull the trigger while the barrel and the safety cap is attached.

**警告**  
WARNING



Safety procedure:  
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.

**警告**  
WARNING

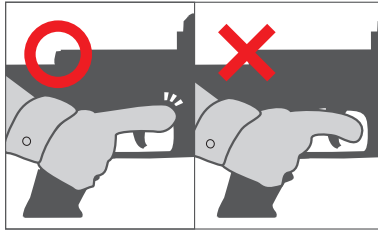


Looking into the muzzle is extremely dangerous regardless of BB's having been installed or not. If you get hit in the eye by a BB bullet, you may in worst case, loose your eye sight.



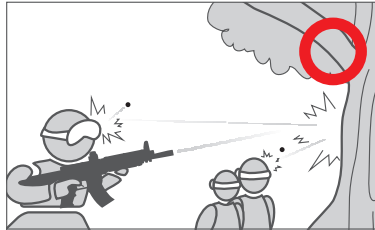


**警告**  
WARNING



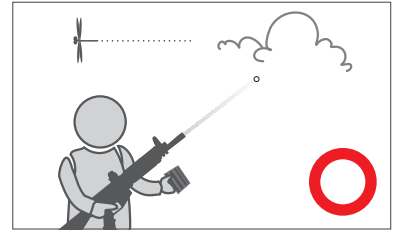
Activating the trigger carelessly is extremely dangerous. Never put your finger onto the trigger unless the safety cap is removed and you are ready to shoot a target.

**警告**  
WARNING



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

**警告**  
WARNING

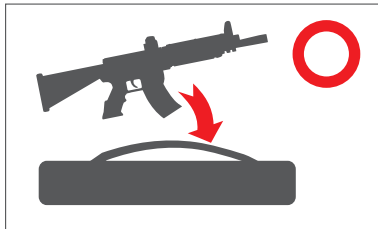


There may be cases where some BBs remain in the gun after the magazine has been disconnected. After removal of the magazine, direct the muzzle towards a safe direction and pull the trigger to confirm that no BBs remain in the gun, then attach the safety cap.

04

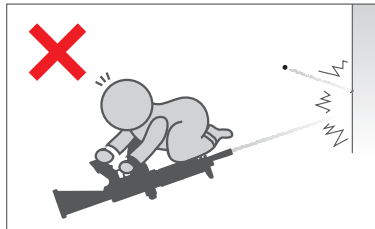
05

**警告**  
WARNING



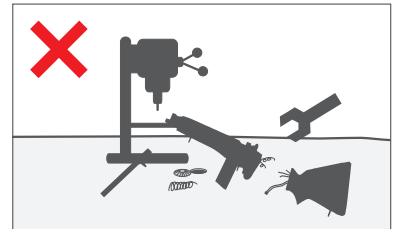
When you carry the air gun, attach the safety cap, set the selector lever to the safety position and always put it in a case or bag.

**警告**  
WARNING



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 out of reach by children.

**警告**  
WARNING



Disassembling or modifying the gun may adversely affect the performance and make it dangerous.



■ **GR16 SERIES LINE**



**G&G ARMAMENT**  
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▶ **GR16 CARBINE**



▶ **GR16 A2**



▶ **GR16 A2 CARBINE**



▶ **GR16 A3**

06

07



▶ **GR16 A3 CARBINE**



▶ **GR16 R4**



▶ **GR16 R4 CARBINE**



▶ **GR16 R5**



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■ **GR16 SERIES LINE**

## ■ G4 CQB SERIES LINE



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▶ GR16 CQB R



▶ GR16 CQB H



▶ GR16 R4 P

08

09

**GR16 SERIES  
POPULAR VERSION**

**G4 SERIES  
CQB VERSION**

**G16 SERIES  
SG VERSION**



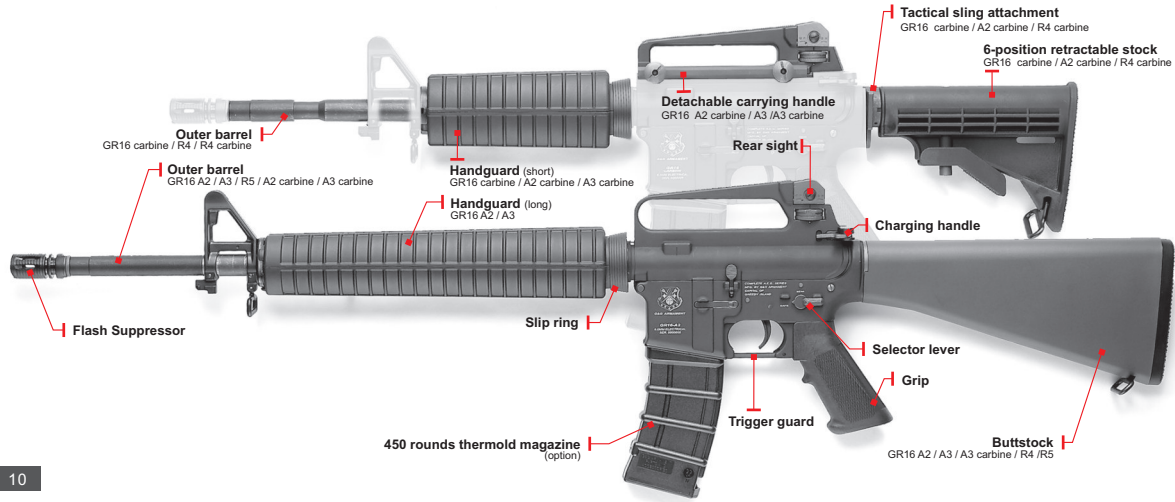
**G&G ARMAMENT**  
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■ **Receiver marks**

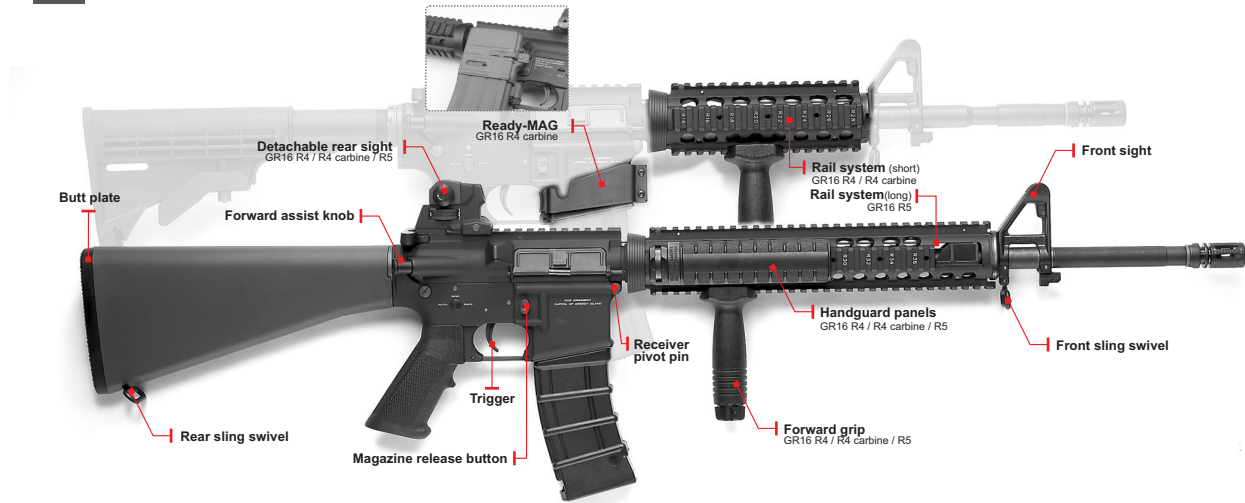
■ COMPONENTS



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10



11



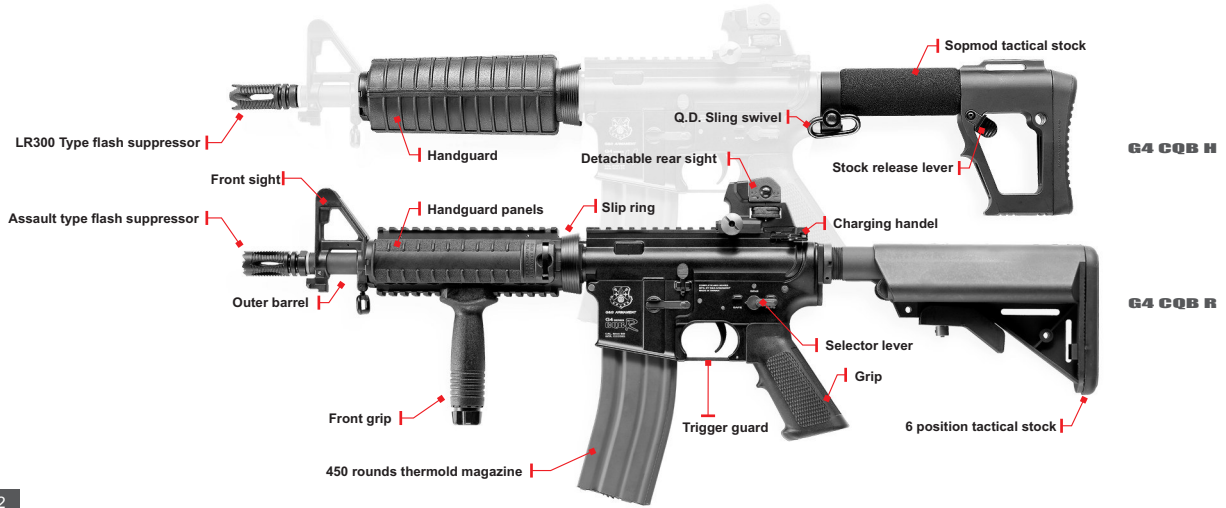
**G&G ARMAMENT**  
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■ FOR GR16 SERIES

■ COMPONENTS

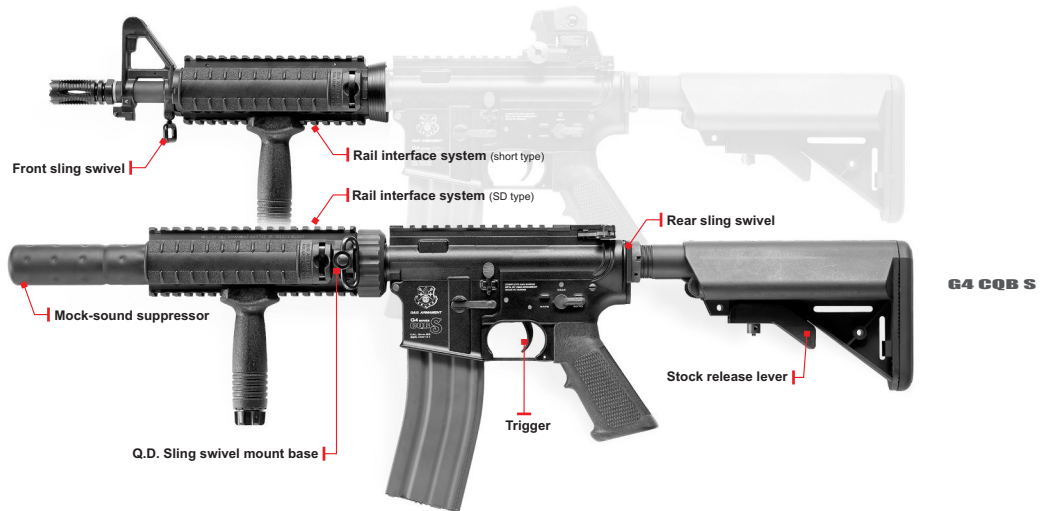


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12

13



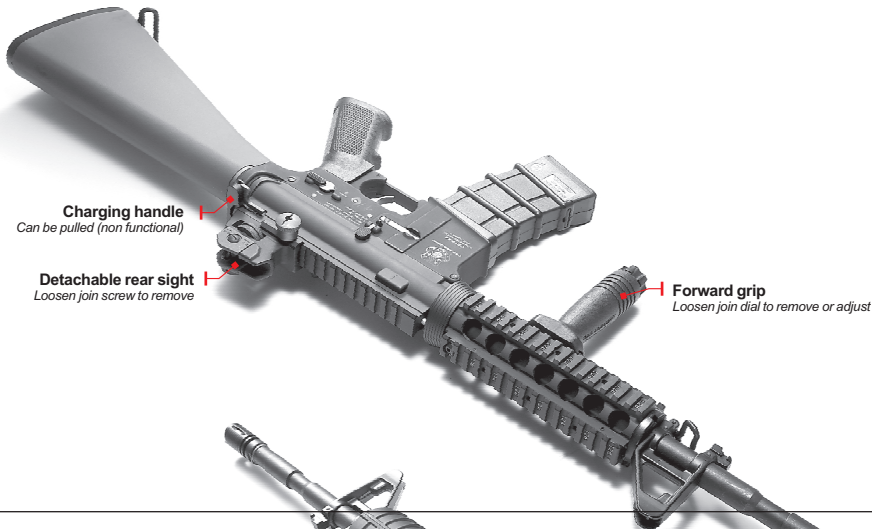
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■ FOR G4 CQB SERIES

■ **Moveable parts**



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**Charging handle**  
Can be pulled (non functional)

**Detachable rear sight**  
Loosen join screw to remove

**Forward grip**  
Loosen join dial to remove or adjust



**Handguard**  
Upper and lower both can be removed



**Forward assist knob**  
Can be pushed (non functional)

14

15

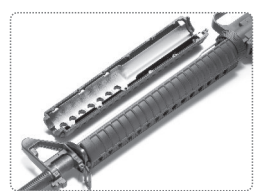


**Detachable carrying handle**  
Loosen two join screws to remove

**Trigger guard**  
Can be opened and closed  
use when wearing gloves in winter

**6-position retractable stock**  
Adjust length of 6 position

**Stock release lever**  
Push to unlock the stock



**Handguard**  
Upper and lower both can be removed



**Port cover**  
Can be opened for HOP-UP adjustment



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■ **Moveable parts**



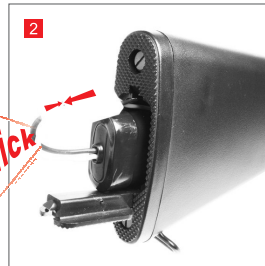
## ■ Battery setting

### ► For fixed stock type

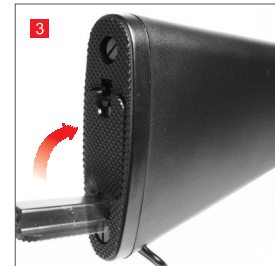
GR16 A2 / A3 / A3 carbine / R4 / R5



Open the buttplate cover.



Pull out the connector and connecting the connectors.  
Insert battery into the butt stock.

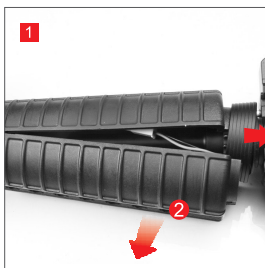


Close battery cover.

16

### ► For handguard stock type

GR16 carbine / A2 carbine / G4 CQB H



Pull the slip ring and hold.  
Remove the lower handguard.



Insert battery into lower handguard properly.  
Connect battery plug with the connector.



Re-attach lower handguard.

17

## ■ Battery setting

### ► For ready-MAG type GR16 R4 carbine



Pull out the connector.



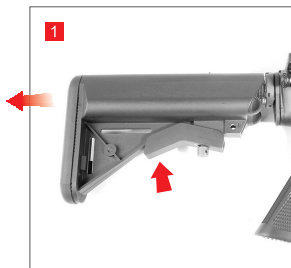
Connect battery plug with the connector.



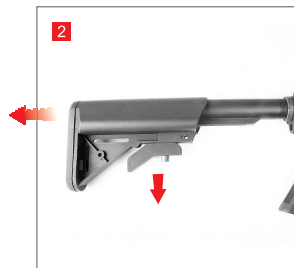
insert into upper receiver  
and connect firmly till a "click" sound is heard.

18

### ► For CQB tactical stock type G4 CQB R / G4 CQB S



Push the stock release lever.  
Pull the stock to last position.



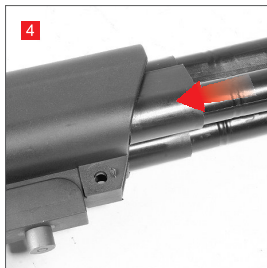
Pull and hold the stock release lever base  
then pull out the stock.



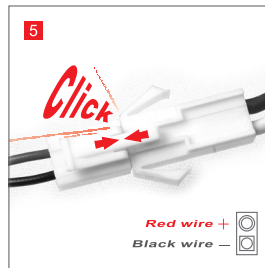
Turn and take off the battery cover.

19

## ■ Battery setting



Insert battery into the stock.



Connect battery plug with the connector.



Reinstall the stock.

20

21

### Recommended battery type: Ni-cd rechargeable battery



#### BATTERY SELECTIONS

1. 8.4V-1800mAh for fixed stock type
2. 9.6V-1800mAh for fixed stock type
3. 10.8V-1800mAh for fixed stock type
4. 12V-1800mAh for fixed stock type
5. 8.4 v-1800mAh for fixed stock type
6. 9.6 v-1800mAh for handguard type
7. 10.8 v-1800mAh for CQB tactical stock type

## Magazine loading



1  
Open the cover on the top of the magazine.



2  
Feed the BBs.



3  
Close the cover and turn the gear at the bottom all the way until the sound changes.

22

23

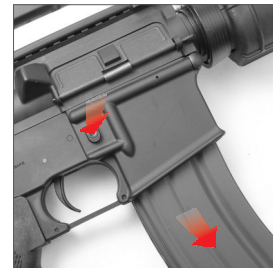


1  
**To insert the magazine:**

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



2  
**Click**



**To release the magazine:**

Hold the magazine, push the magazine release button and pull the magazine out.



## ■ Firing mode and safety



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**Safety on:**  
Trigger can not be pulled and gun will not fire.

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**Semi auto:**  
One shot each time when the trigger is pulled.

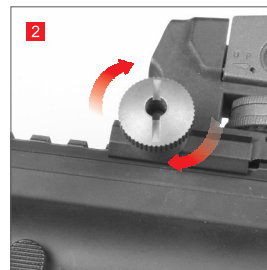


**Full auto:**  
Automatic firing when trigger remains pulled.

25



Put on the detachable rear sight on the upper receiver.



Fasten the knob.



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■ **Install rear sight**

■ *Install carrying handle*



Put on the detachable carrying handle on the upper receiver.



Fasten the knobs.

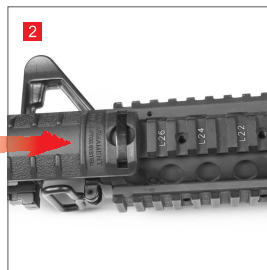


26

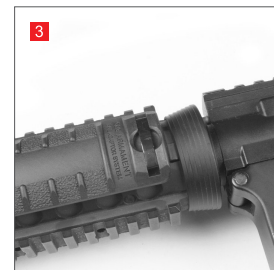
27



Panel x 2

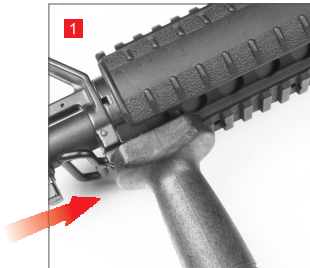


Rail handguard panels setting.

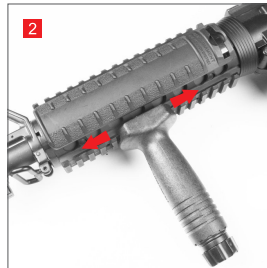


Finish.

## Forward grip setting



Set the forward grip on the rail.



Move the forward grip to adjusting position.



Fasten the knob.

28

29

### ► For rail handguard



Put on the Q.D. sling swivel base on the rail handguard side.  
Fasten the screw on the side.



Install the Q.D. sling swivel on the Q.D. sling swivel base.

### ► For sopmod stock



Install the Q.D. sling swivel on the sopmod tactical stock.

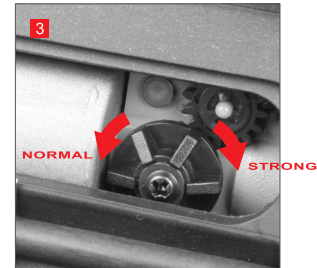
## ■ Hop-up adjusting



1 Pull the charging handle backward to open the ejection cover.



2 hold the charging handle.



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

30

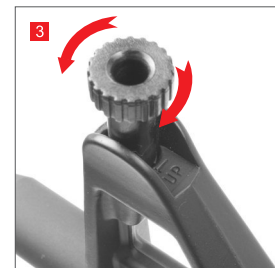
31



1 Sight adjust tool. (included)



2 Front sight.



3 Push and turn the tool to adjust the front sight.

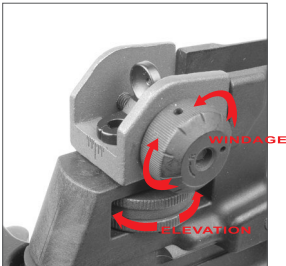


## ■ Rear sight adjusting



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### Adjusting



#### **Windage knob:**

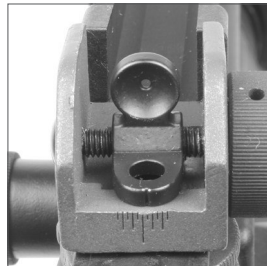
For rear sight left/right adjustment.

#### **Elevation knob:**

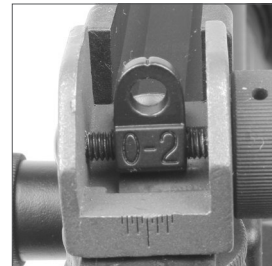
For rear sight up/down adjustment.

32

### Battle sight(flip manually)

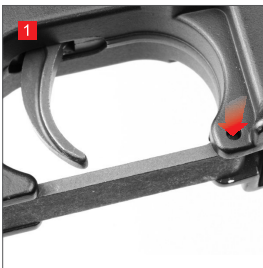


For precision shooting



For normal shooting

33



Depress the trigger guard plunger with a proper tool and open the trigger guard.



**NOTE:**  
Only adjust if the gear noise becomes shrilly.



The motor adjust screw is at the bottom of the grip.  
Use a screwdriver to adjust.

## ■ Trigger guard release and motor gear engagement adjustment



**⚠ WARNING !!**  
**Before the Field stripping**

1. Point the gun in a safe direction and remove magazine.
2. Place the safety on "safe mode".
3. Pull the charging handle all the way to the rear, and inspect the chamber to ensure it is empty.
4. Do not operate the trigger, leave the hammer cocked and the gun on safe.

Remove the magazine.



Safety on **SAFE MODE**

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35

**NOTE:**

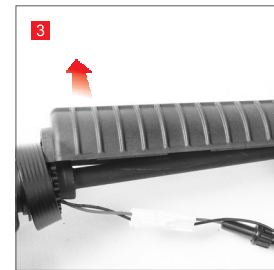
The process for filed stripping if the gun type is GR16 carbine / A2 carbine / G4 CQB-H.



Pull the slip ring.



Remove the lower handguard.



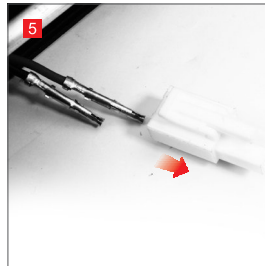
Remove the upper handguard.



## Field stripping

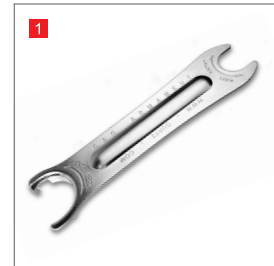


Release the connectors.



Remove the connectors.

**NOTE:**  
For GR16 popular version only.

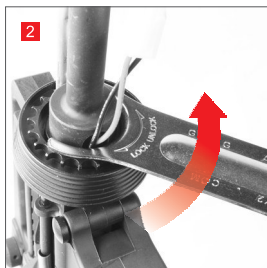


Use barrel nut wrench.

36

37

**NOTE:**  
Uninstall the receiver



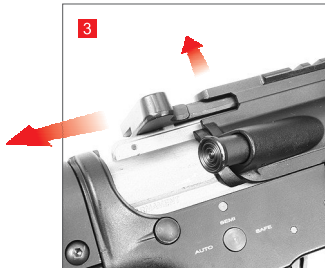
Unlock the outer barrel nut and remove the barrel.



Pull the Receiver pivot pin out.  
It may be easier to first push the pin hard from the other side of the lower receiver.



## Field stripping



3  
Move the upper receiver forward til it is stuck then pull the charging handle backward and lift up.



4  
Keep moving upper receiver forward till separate with lower receiver.



5  
Pull the hop-up unit and inner barrel out.

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39

### **WARNING !!**

Please be careful, do not hurt your fingers when removing parts.

Always remove the magazine and battery first when assembling or disassembling the gun.

6 Finish.



## ■ Specifications



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### **GR16 SG VERSION**

#### **GR16 A2**

#### **GR16 A3**

#### **GR16 R4**

#### **GR16 R5**

■ <b>Built material:</b>	Magnesium / Nylon / Fiber / Steel / Zinc / Plastic			
■ <b>Magazine capacity:</b>	Metal hi-cap 450 rounds magazine (default)			
■ <b>Overall length:</b>	1040mm	1040mm	870mm	1040mm
■ <b>Weight:</b>	2990g	3100g	2600g	2990g
■ <b>Inner barrel length:</b>	520mm	520mm	357mm	520mm
■ <b>Muzzle velocity:</b>	80-90 m/sec with 0.2g BB			

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41

### **GR16 SG VERSION**

#### **GR16 A2 carbine**

#### **GR16 A3 carbine**

#### **GR16 R4 carbine**

#### **GR16 carbine**

■ <b>Built material:</b>	Magnesium / Nylon / Fiber / Steel / Zinc / Plastic			
■ <b>Magazine capacity:</b>	Metal hi-cap 450 rounds magazine (default)			
■ <b>Overall length:</b>	780mm	870mm	870mm	780mm
■ <b>Weight:</b>	2700g	2800g	2900g	2800g
■ <b>Inner barrel length:</b>	357mm	357mm	357mm	357mm
■ <b>Muzzle velocity:</b>	80-90 m/sec with 0.2g BB			



**G&G ARMAMENT**  
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■ Specifications

## ■ Specifications



**G&G ARMAMENT**  
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### **GR16 POPULAR VERSION**

	<b>GR16 carbine</b>	<b>GR16 A2</b>	<b>GR16 R4</b>
■ <b>Built material:</b>	Magnesium / Nylon / Fiber / Steel / Zinc / Plastic		
■ <b>Magazine capacity:</b>	Metal hi-cap 450 rounds magazine (default)		
■ <b>Overall length:</b>	520mm	520mm	366mm
■ <b>Weight:</b>	2800g	2700g	2600g
■ <b>Inner barrel length:</b>	357mm	357mm	357mm
■ <b>Muzzle velocity:</b>	80-90 m/sec with 0.2g BB		

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### **G4 CQB VERSION**

	<b>G4 CQB H</b>	<b>G4 CQB R</b>	<b>G4 CQB S</b>
■ <b>Built material:</b>	Magnesium / Nylon / Fiber / Steel / Zinc / Plastic / Rubber		
■ <b>Magazine capacity:</b>	Metal hi-cap 450 rounds magazine (default)		
■ <b>Overall length:</b>	710mm	710mm	760mm
■ <b>Weight:</b>	2400g	2600g	2300g
■ <b>Inner barrel length:</b>	250mm	250mm	250mm
■ <b>Muzzle velocity:</b>	80-90 m/sec with 0.2g BB		





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

■ Specifications

## WARNING

1. Use the correct battery type which the instruction manuals suggest.  
We will not be held responsible for any accident or damage caused by wrongful operation or usage of non-specified batteries.
2. Follow the operation steps according to instructions.
3. Never disassemble or modify the gun.
4. Use of poor quality BB bullets will cause problems.
5. When a problem occurs please check the steps below. If that does not solve your problem, please turn to a local dealer for help or contact us at G&G

## TROUBLESHOOTING

SYMPTOM	CAUSE	SOLVING
No operation at all	Battery is not charged	Charg the battery
	The  and  connector is reversed	Connect the connector the right way.
	Fuse is damaged	Replace the fuse.
	Motor is not moving	Replace the motor or check and replace the electrical connector. (Purchasing from your dealer or G&G)
	Motor is damaged	
Gun can't fire	BBs are jammed in the chamber	Stop pulling the trigger immediately and take out the magazine to clean out any BBs that are jammed. Use the cleaning rod and clean out any left over BBs. Make sure there are no left-over BBs inside the hop-up rubber.
	Faulty gear	Replace the replacement gear. (Purchase from your dealer or G&G)

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Malfunction of full auto operation	Insufficient battery power	Charged the battery
	Magazine can't load the BB smoothly	Hit the magazine lightly or replace it with another one.
	Poor electrical connection	Check and replace the electrical connector. (Purchasing from your dealer or G&G)
	Cycles become slow	Charged the battery.
Malfunction of semi auto operation	Insufficient battery power	Charged the battery
	Deviation in gear timing	Set firing mode to semi auto after firing 5-10 BBs, then set to semi auto mode.
	Poor electrical connection	Check and replace the electrical connector. (Purchasing from your dealer or G&G)
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	Us the cleaning rod and clean the inner barrel.
Shooting distance becomes shorter	Inner barrel is full of oil, or something is jammed	Us the cleaning rod and clean the inner barrel.
	Inner barrel scrape is damaged	Replace the replacement parts. (Purchasing from your dealer or G&G)
	Damaged or worn chamber set	
If the gun gets wet	Stop the operation immediately, disconnect the battery and field strip the gun. Wipe off water from inside the receiver, motor, gear box and other parts, then wait for gun to dry. Try to fire, if there is no operation or malfunction is detected, please consult your dealer or G&G for repair.	

## CAUTION

Always attach the safety cap and disconnect the magazine to avoid sudden operation upon connecting the battery.

Be careful so as not to hurt your fingers in the movable parts.

Always set the lever to "safe" before firing.

Do not disassemble beyond what is necessary, or the gun may be damaged.

Always use "G&G ARMAMENT" BBs for this gun. We shall not be held responsible for any damage or accidents arising from the use of bullets supplied by other manufacturers.

Since a tight barrel is used, use of dirty BBs or those with burrs causes jamming and possible fatal damage to the gear box.

Turning hop-up dial excessively causes clogging of BBs in the hop-up chamber. Continuous pulling of the trigger with clogged BBs will damage the piston and the gears.

Never hold the gun sideways as BBs will curve right or left.

We shall not be held responsible for any damage or accidents arising from the wrong operation or modification of the gun.

Disassembly is designed for appropriate maintenance, not for modification.

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

# 6mm Electric Semi / Full Auto System

MANUFACTURED BY GUAY GUAY TRADING CO., LTD. WWW.GUAY2.COM MADE IN TAIWAN

### GR16 sg series

GR16 Carbine  
GR16 A2  
GR16 A2 Carbine  
GR16 A3  
GR16 A3 Carbine  
GR16 R4  
GR16 R4 Carbine  
GR16 R5

### GR16 POPULARITY Series

GR16 Carbine  
GR16 A2  
GR16 A2 Carbine  
GR16 A3  
GR16 A3 Carbine  
GR16 R4  
GR16 R4 Carbine  
GR16 R5

### G4 CAB series

CQB H  
CQB R  
CQB S

### GR25 seirs

GR25 Sniper  
GR25 S.P.R.

### GR300 series

GR300 PRO SHORTY  
GR300 PRO LONG  
GR300 Conversion kit

### RK series

RK 103  
RK 104  
RK 47

### L85 series

L85 carbine  
L85 A1  
L85 A1 carbine  
L85 A2  
L85 A2 carbine

### S.M.G series

UMG  
PM5 A4  
PM5 A4P  
PM5 A5  
FS51 Fixed stock  
FS51 folding stock

### Fourteen series

Fourteen evolution version  
Fourteen black stock version  
Fourteen imitation wood stock version  
Fourteen walnut wood stock version  
Rifle type 57 imitation wood stock version  
Rifle type 57 walnut wood stock version  
S.O.C.16







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AIRSOFT GUNS & ACCESSORIES  
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MANUFACTURED BY GUAY GUAY TRADING CO., LTD.  
MADE IN TAIWAN

DEALER

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



**DISCLAIMER**

- 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 catalog 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 Guay Guay Trading Company (G&G), which has no affiliation to, and is not associated, or sponsored by any other manufacturer of actual or imitation firearms. Products may vary from those pictured.

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