



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

# 100Y

## GR4 Instruction Manual



### COMPONENTS



**RECOMMENDED BATTERY TYPE**  
**G-11-039**  
NI-MH 9.6V 1600 mAh

### WARNING !!

- Always wear safety goggles when using this product.
- Misuse or careless handling of this product may cause injury.
- The buyer and the user of this product shall adhere to all local laws regulating the usage and the ownership of airsoft guns.
- This product is intended for users 18 years or older.
- Read all instructions before using this product.
- May be hazardous up to 50 meters.
- Adult supervision required.



### BATTERY SETTING



1. Charge up the battery.
2. Charging will be completed after 3 hours.



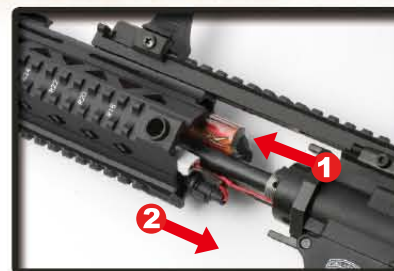
Release the plate lock.



Reinstall the Q.D. rail system.



Connect battery plug with the connector until you heard a click sound.



1. Insert battery into the Q.D. rail system.
2. Reinstall the Q.D. rail system and lock the plate lock.

### CAUTION

1. Please select quality battery with the CE approval, to avoid any unnecessary damage on the product.
2. Please use either 8.4V or 9.6V battery, if different voltage used, it might damage the product.
3. Remove the battery from the product when it is not in use.
4. Do not wet nor incinerate the battery, nor to deform the terminal.

### SETTING MAGAZINE

### CAUTION

It is strongly recommended the use of G&G BB pellets only. Using low quality BB pellets will shorten product life span and void product warranty.



Open the cover of magazine.



Load G&G 5.95mm BB pellets into the magazine.



Close the cover plate then turn the gear until the sound changes.



Insert the magazine until you heard a click sound.

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Q.D. Rail system

Front sight for GR16 C.Q.W.

Detachable rear sight

Mock flash suppressor

Folding stock

Hi-cap 450R magazine

Trigger guard

Reinforced grip

Charging handle

Selector lever

Retractable stock



**SAFETY ON**  
The trigger cannot be pulled



**SEMI AUTO**  
Single shot



**FULL AUTO**  
Automatic firing

### FIRING MODE & SAFETY

### CAUTION

Do not catch your fingers in the dummy bolt. Never hold the gun sideways as the BB pellets will curve right or left.

### HOP-UP ADJUSTMENT

Too much Hop-up.  
( Turn the adjust lever toward **Normal** )

Best Position. ○

Not enough Hop-up. ( Turn the adjust lever toward **Hop** )  
or Too much Hop-up. ( Turn the adjust lever toward **Normal** )

Turn to Normal Turn to Hop

True to the faith of mimicking real life firearms, G&G is proud to present its new Pneumatic Blow Back system to its line of airsoft guns. Conventional airsoft blow back utilizes tow hook springs to mimic real life bolt actions, which often lead to excess wear and tear and poor reliability in the gear box.

To alleviate the problem of conventional systems, G&G has independently developed the Pneumatic Blow Back system; a piston driven, gas operated mechanism to better mimic real life bolt actions. This new technology utilizes compressed air to move the bolt, which enables the action without adding extra stress to the gear box. This class leading system represents a significant milestone in the airsoft industry.



### New Blow Back Pneumatic System



**TAIWAN**  
Patent No : M300797

**USA**  
Patent No : 11/488698

**HONG KONG**  
Patent No : 06107627.0

**JAPAN**  
Patent No : 實 願2006-1459



**EUROPEAN UNION**  
Patent No : 460191 814454

**CHINA**  
Patent No : 200620122468.9

**DENMARK**  
Patent No : BA2007 0069

**U.K.**  
Patent No : 614422.4



# 100Y GR4

WWW.GUAY2.COM  
Manufactured by G&G Armament  
Printed in Taiwan

## INSTRUCTION Manual



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**SPECIAL SHOOTING**  
Used for precision firing.



**COMMON SHOOTING**  
Used for full automatic firing.



**WINDAGE KNOB** (left / right adjustment)  
**ELEVATION KNOB** (up / down adjustment)

### REAR SIGHT ADJUSTMENT

#### CAUTION

Keep the selector on Safe mode until you are actually ready to shoot.

### RETRACTABLE STOCK



Press the stock release lever to unlock.



Adjust the position ( 6 position ).

### OPTIONAL PARTS



G-12-006  
CD13-TRT30GD  
Red-Dot Scope



G-03-105  
SCAR BIPOD GRIP

### PARTS LIST

GR4 100Y- 01	Flash suppressor set	GR4 100Y- 18	Lower receiver set
GR4 100Y- 02	Rail system set	GR4 100Y- 19	Trigger guard set
GR4 100Y- 03	Rear sight base set	GR4 100Y- 20	Selector plate
GR4 100Y- 04	Rear sight set	GR4 100Y- 21	Rear frame lock pin set
GR4 100Y- 05	Hop-up set	GR4 100Y- 22	Grip
GR4 100Y- 06	Upper receiver rail set	GR4 100Y- 23	Motor set
GR4 100Y- 07	Inner barrel	GR4 100Y- 24	Grip bottom set
GR4 100Y- 08	Upper receiver set	GR4 100Y- 25	Extended stock set
GR4 100Y- 09	Charging handle set	GR4 100Y- 26	Gear box set
GR4 100Y- 10	Port cover set	GR4 100Y- 27	Barrel base set
GR4 100Y- 11	Front frame lock pin set	GR4 100Y- 28	Blow back pneumatic piston
GR4 100Y- 12	Bolt catch set	GR4 100Y- 29	Charging plate
GR4 100Y- 13	Selector lever set	GR4 100Y- 30	Charging upper cover
GR4 100Y- 14	Magazine catch set	GR4 100Y- 31	Switch plate
GR4 100Y- 15	Stock washer	GR4 100Y- 32	Folding stock set
GR4 100Y- 16	Enhanced rod set	GR4 100Y- 33	Front sight set
GR4 100Y- 17	Hi-cap 450R magazine	GR4 100Y- 34	Folding stock base set

### MANUFACTURED BY G&G ARMAMENT

**ADDRESS** **Changhua** / No. 999, Zhonghua Rd., Shengang Township,  
(Head Quarter) Changhua County 50952, Taiwan  
**Taipei** / 11F-3, NO.27, Lane 169, Kangning St, Shijr City,  
Taipei County 22180, TAIWAN

**E-Mail** **Sales Department** / sales@guay2.com  
b2b@guay2.com

**Technology support Department** / support@guay2.com

**WEBSITE** www.guay2.com

**TEL** **Changhua** / 886-4-798-9000  
**Taipei** / 886-2-2692-2000

**FAX** **Changhua** / 886-4-798-9900  
**Taipei** / 886-2-2692-4000

**Dealer**

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

### WINDAGE ADJUSTMENT KNOB



Detachable rear sight.

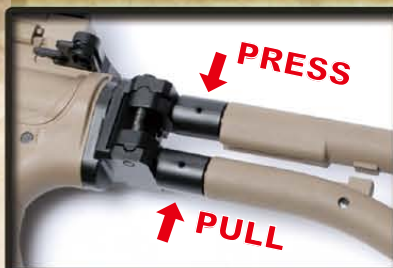


Turn the knobs counterclockwise to  
disassemble the rear sight.



Take off the rear sight to install  
other accessories.

### FOLDING THE STOCK



Press and Pull the stock to unlock.



Folding the stock.

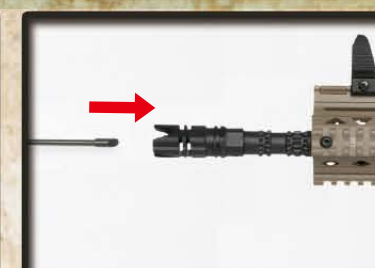


Turn the folding stock to be locked.

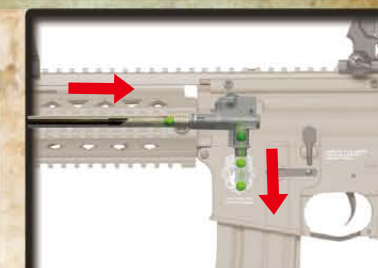
### MAINTENANCE



Remove the magazine.



Return the hop up dial to normal  
position and insert the cleaning rod  
from the lead edge of the inner barrel.



Be aware to have the rod facing  
down and reaching to the end,  
and remove clogged pellets.

### TROUBLE SHOOTING



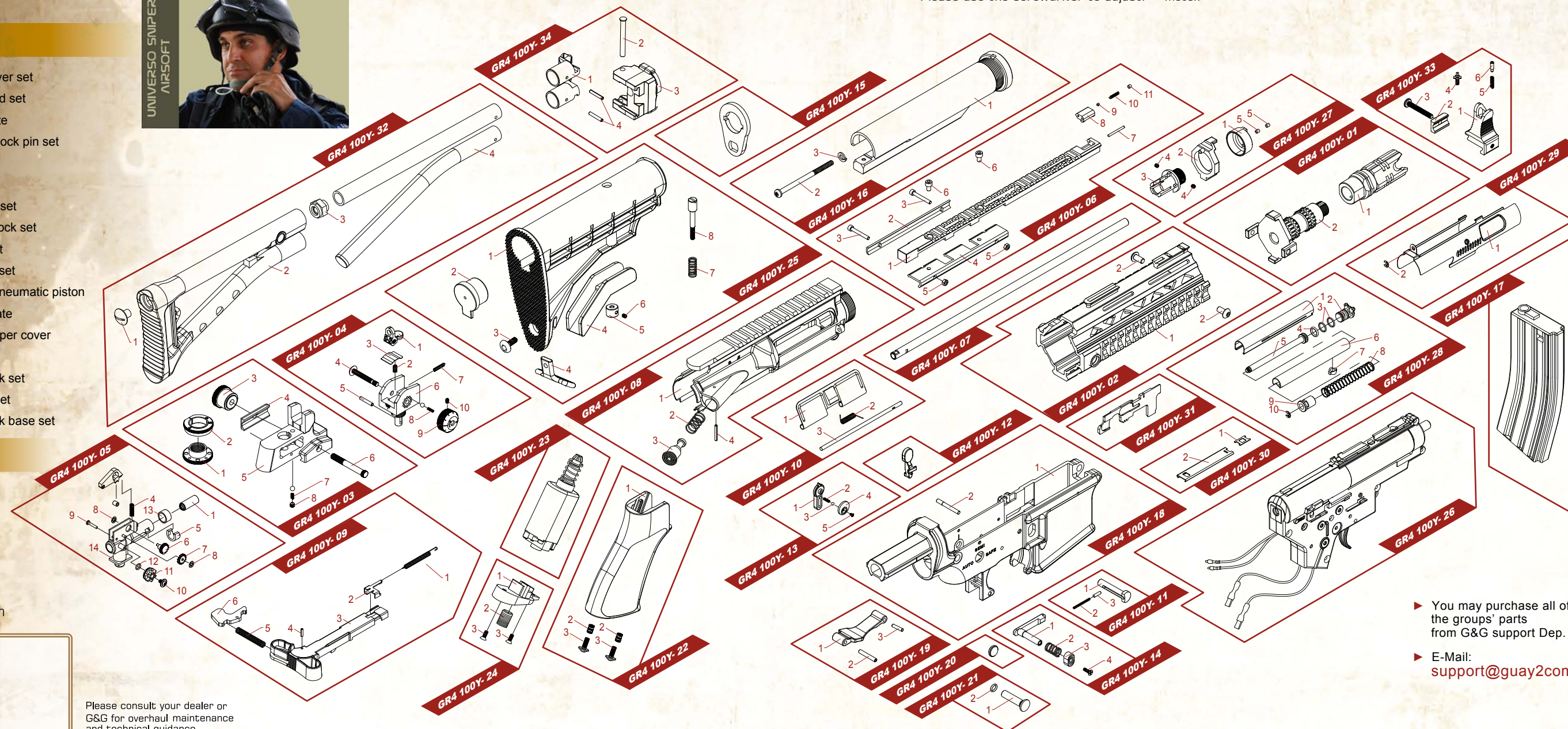
Adjust screw when the gear  
noise becomes shrilly.  
The screw at bottom of the grip.  
Please use the screwdriver to adjust.



No operation  
Check the wire set contact with  
motor.



No operation  
Check the battery and connector.



▶ You may purchase all of  
the groups' parts  
from G&G support Dep.

▶ E-Mail:  
support@guay2com