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G&G ARMAMENT
AIRSOFT GUNS & ACCESSORIES

INSTRUCTION MANUAL

GR4 100Y



All G&G products are complied with CE and ROHS 2.0. G&G Armament is also certified manufacturer of ISO 9001.

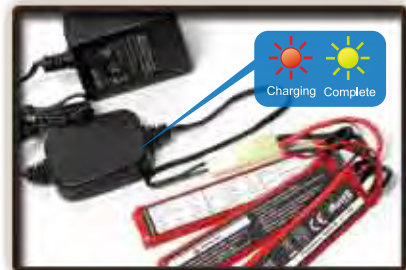
COMPONENTS

BATTERY SETTING

Note:
PLEASE READ THE BATTERY
INSTALLATION INSTRUCTIONS
BELOW BEFORE USE:

1. Please use Li-Po battery.
2. If nunchuck battery is used(very snug fit), please visit G&G's YouTube Channel (GGArmament) for installation instructions.

**RECOMMENDED
BATTERY TYPE**
G-11-041
G-Power LI-PO 11.1V 20C
1100 mAh (Three-piece)



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.



SAFETY ON
The trigger cannot be pulled



SEMI AUTO
Single shot



FULL AUTO
Automatic firing

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 GSG 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.

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

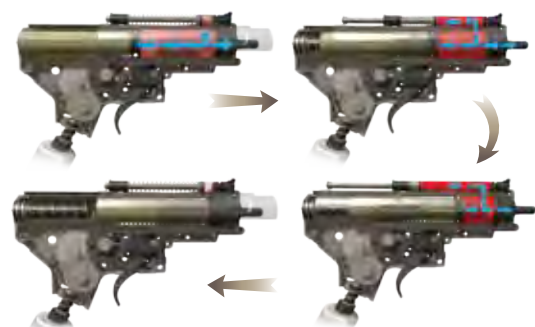
Too much Hop-up.
X (Turn the adjust lever toward Normal)

Best Position. O

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



New Blow Back Pneumatic System

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.

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

Front sight for GR16 C.Q.W.

Q.D. Rail system

Mock flash suppressor

Detachable rear sight

Charging handle

Selector lever

Retractable stock

Folding stock

Hi-cap 450R magazine

Trigger guard

Reinforced grip

INSTRUCTION MANUAL

GR4 100Y



SPECIAL SHOOTING
Used for precision firing.



COMMON SHOOTING
Used for full automatic firing.

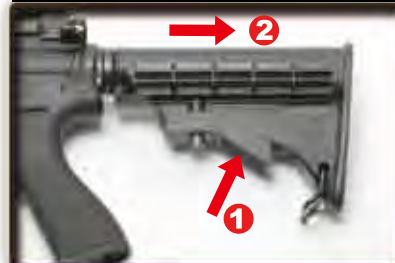


WINDAGE KNOB (left / right adjustment)
ELEVATION KNOB (up / down adjustment)

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).

WINDAGE ADJUSTMENT KNOB



Detachable rear sight.



Turn the knobs counterclockwise to disassemble the rear sight.



Take off the rear sight to install other accessories.

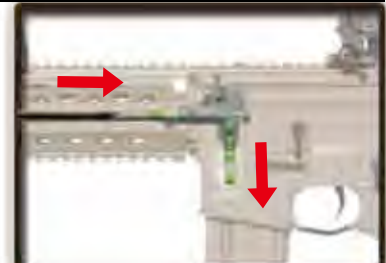
MAINTENANCE



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.

OPTIONAL PARTS

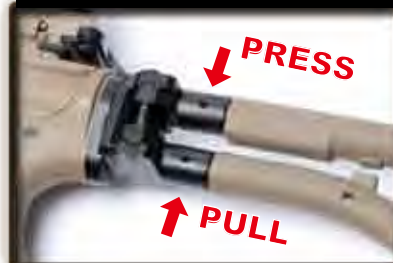


G-12-006
CD13-TRT30GD Red-Dot Scope



G-03-105
SCAR BIPOD GRIP

FOLDING THE STOCK



Press and Pull the stock to unlock.



Folding the stock.



Turn the folding stock to be locked.

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.

PARTS LIST

GR4 100Y- 01 Flash suppressor set
GR4 100Y- 02 Rail system set
GR4 100Y- 03 Rear sight base set
GR4 100Y- 04 Rear sight set
GR4 100Y- 05 Hop-up set
GR4 100Y- 06 Upper receiver rail set
GR4 100Y- 07 Inner barrel
GR4 100Y- 08 Upper receiver set
GR4 100Y- 09 Charging handle set
GR4 100Y- 10 Port cover set
GR4 100Y- 11 Front frame lock pin set
GR4 100Y- 12 Bolt catch set
GR4 100Y- 13 Selector lever set
GR4 100Y- 14 Magazine catch set
GR4 100Y- 15 Stock washer
GR4 100Y- 16 Enhanced rod set
GR4 100Y- 17 Hi-cap 450R magazine

GR4 100Y- 18 Lower receiver set
GR4 100Y- 19 Trigger guard set
GR4 100Y- 20 Selector plate
GR4 100Y- 21 Rear frame lock pin set
GR4 100Y- 22 Grip
GR4 100Y- 23 Motor set
GR4 100Y- 24 Grip bottom set
GR4 100Y- 25 Extended stock set
GR4 100Y- 26 Gear box set
GR4 100Y- 27 Barrel base set
GR4 100Y- 28 Blow back pneumatic piston
GR4 100Y- 29 Charging plate
GR4 100Y- 30 Charging upper cover
GR4 100Y- 31 Switch plate
GR4 100Y- 32 Folding stock set
GR4 100Y- 33 Front sight set
GR4 100Y- 34 Folding stock base set

MANUFACTURED BY G&G ARMAMENT

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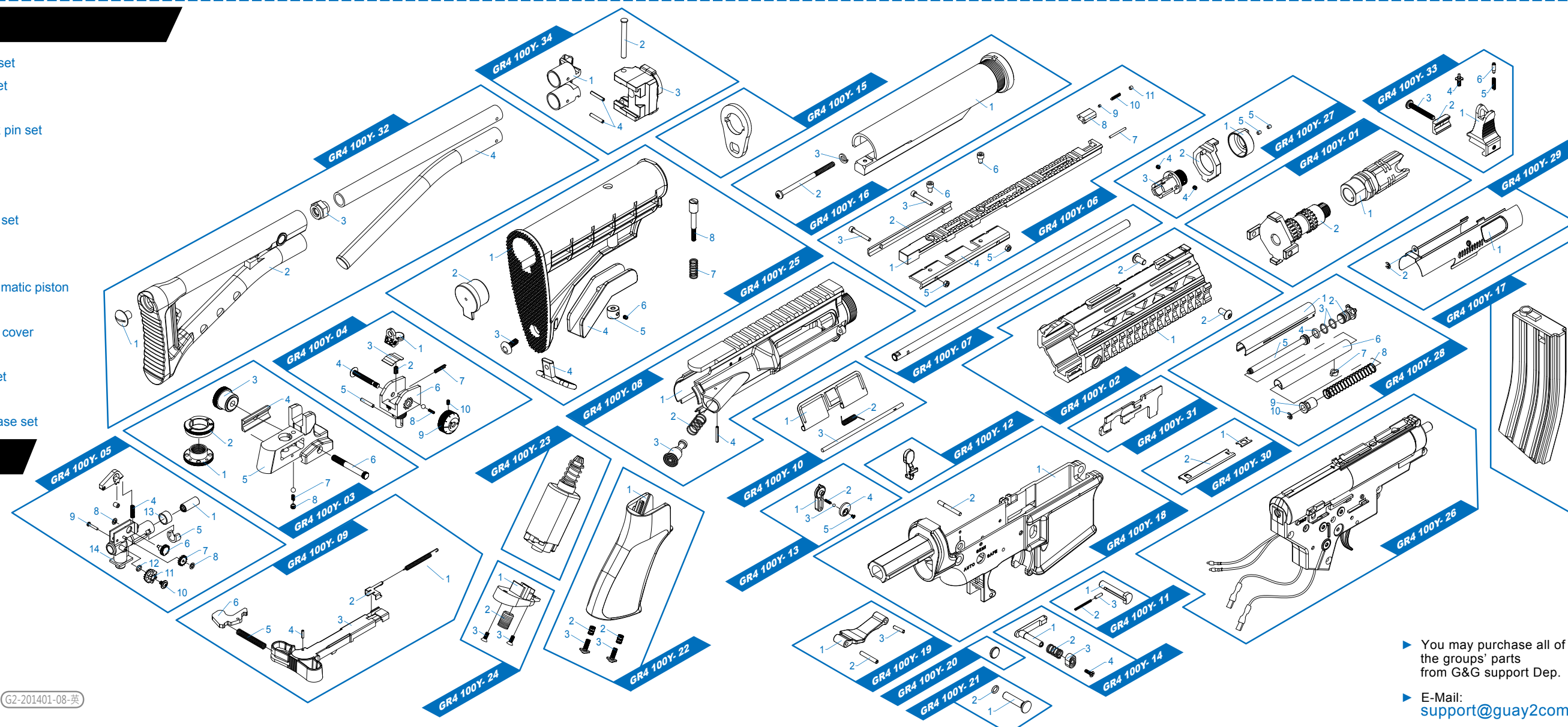
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▶ You may purchase all of the groups' parts from G&G support Dep.
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