



WWW.GUAY2.COM  
G&G ARMAMENT  
AIRSOFT GUNS & ACCESSORIES

# INSTRUCTION MANUAL

## GR16 C.Q.W. WASP BLK/DST



BLOW BACK



INTERMEDIATE



450  
EXTRA MAG



100%  
MADE IN TAIWAN

### ⚠ WARNING !!

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



### RECOMMENDED BATTERY TYPE

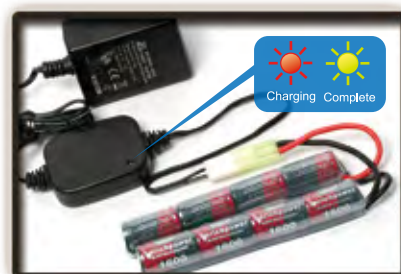
G-11-056  
NI-MH 9.6V 1600 mAh



### COMPONENTS

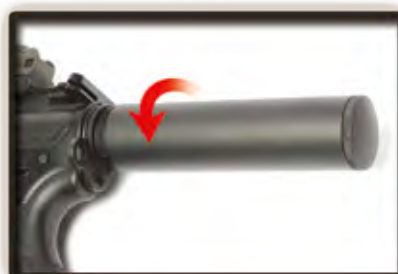
#### ⚠ CAUTION

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.



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

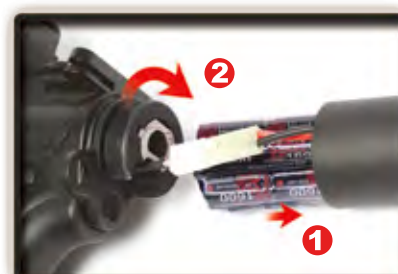
### BATTERY SETTING



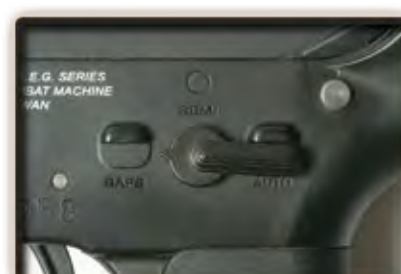
Release the battery stock.



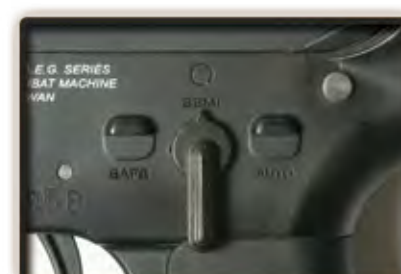
Connect battery plug with the connector until you heard a click sound.



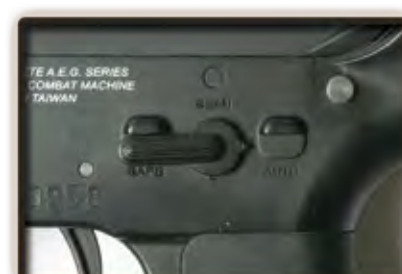
1. Insert battery into the stock.
2. Locking the stock.



SAFETY ON  
The trigger cannot be pulled



SEMI AUTO  
Single shot



FULL AUTO  
Automatic firing

### FIRING MODE & SAFETY

#### ⚠ 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.

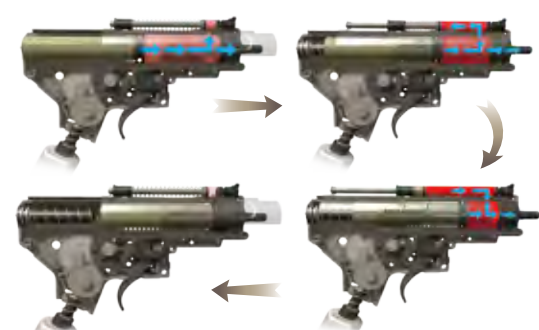


Close the cover plate then turn the gear until the sound changes.



Insert the magazine until you heard a click sound.

### SETTING MAGAZINE



### 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

#### ⚠ 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 )





# INSTRUCTION MANUAL

## GR16 C.Q.W. WASP

**TOP FIVE**

**UTURE INNOVATION**  
**INVEST QUALITY**  
**FAST SERVICE**  
**FREE ITEMS**  
**AIR PRICE**



**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.



### WARNING !!

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

### OPTIONAL PARTS



**G-12-006**  
CD13-TRT30GD



**G-03-065**  
Forward Grip-BK (ABS injection)

### WINDAGE ADJUSTMENT KNOB



Detachable rear sight.



Turn the knobs counterclockwise to disassemble the rear sight.

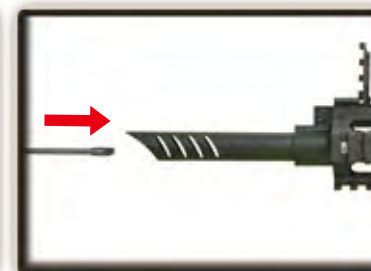


Take off the rear sight to install other accessories.

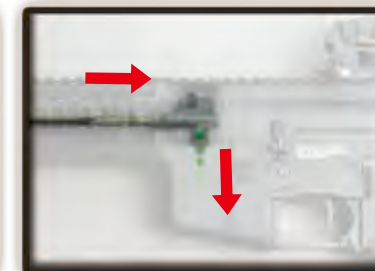
### MAINTENANCE



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.

### FOLDING FRONT SIGHT



Folding the front sight.



Press the plate back.

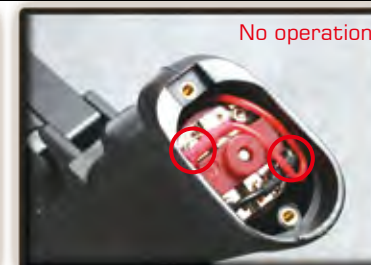


Press against the folding front sight.

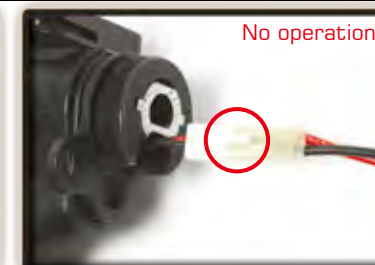
### TROUBLE SHOOTING



The screw at bottom of the grip. Please use the screwdriver to adjust.



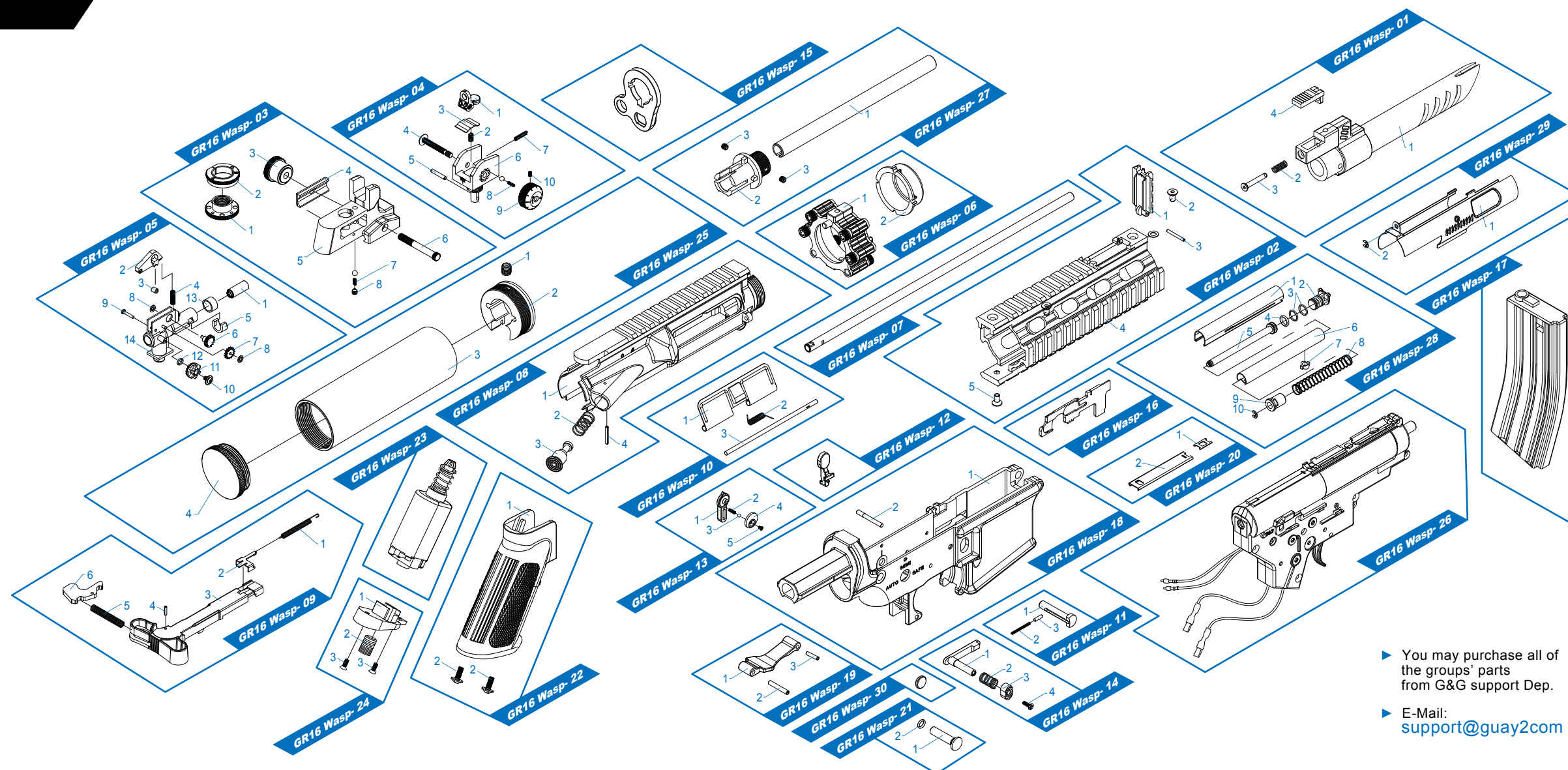
Check the wire set contact with motor.



Check the battery and connector.

### PARTS LIST

<b>GR16 Wasp- 01</b>	Wasp front kit	<b>GR16 Wasp- 16</b>	Switch Plate
<b>GR16 Wasp- 02</b>	Rail system set	<b>GR16 Wasp- 17</b>	Hi-cap 450R magazine
<b>GR16 Wasp- 03</b>	Rear sight base set	<b>GR16 Wasp- 18</b>	Lower receiver set
<b>GR16 Wasp- 04</b>	Rear sight set	<b>GR16 Wasp- 19</b>	Trigger guard set
<b>GR16 Wasp- 05</b>	Hop-up set	<b>GR16 Wasp- 20</b>	Charging upper cover
<b>GR16 Wasp- 06</b>	Slip ring set	<b>GR16 Wasp- 21</b>	Rear frame lock pin set
<b>GR16 Wasp- 07</b>	Inner barrel	<b>GR16 Wasp- 22</b>	Grip
<b>GR16 Wasp- 08</b>	Upper receiver set	<b>GR16 Wasp- 23</b>	Motor set
<b>GR16 Wasp- 09</b>	Charging handle set	<b>GR16 Wasp- 24</b>	Grip bottom set
<b>GR16 Wasp- 10</b>	Port cover set	<b>GR16 Wasp- 25</b>	Patriot battery stock
<b>GR16 Wasp- 11</b>	Front frame lock pin set	<b>GR16 Wasp- 26</b>	Gear box set
<b>GR16 Wasp- 12</b>	Bolt catch set	<b>GR16 Wasp- 27</b>	Barrel base set
<b>GR16 Wasp- 13</b>	Selector lever set	<b>GR16 Wasp- 28</b>	Blow back pneumatic piston
<b>GR16 Wasp- 14</b>	Magazine catch set	<b>GR16 Wasp- 29</b>	Charging plate
<b>GR16 Wasp- 15</b>	Stock washer	<b>GR16 Wasp- 30</b>	Selector plate



### MANUFACTURED BY G&G ARMAMENT

#### TAIWAN

Sales Dept. | sales@guay2.com , b2b@guay2.com  
Technology Support Dept. | support@guay2.com  
PR Dept. | pr@guay2.com

**Chang Hua** Headquarter  
Tel : +886-4-798-9000 Fax : +886-4-798-9900  
No.999, Zhonghua Rd. Shengang Township,  
Changhua County 50955, Taiwan (R.O.C.)

**Taipei**  
Tel : +886-2-2692-2000 Fax : +886-2-2692-4000  
11F-3., No.27, Lane 169, Kangning St. Shijr City,  
Taipei County 22180, Taiwan (R.O.C.)

#### U.S.A.

E-mail | sales101@guay2.com

**Los Angeles**  
Tel : +1-626-581-0101  
Fax : +1-626-581-1011  
1122 Coiner Court,  
City of Industry,  
CA 91748 (U.S.A.)

Dealer

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

► E-Mail: support@guay2.com