



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

# L85 INSTRUCTION MANUAL



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



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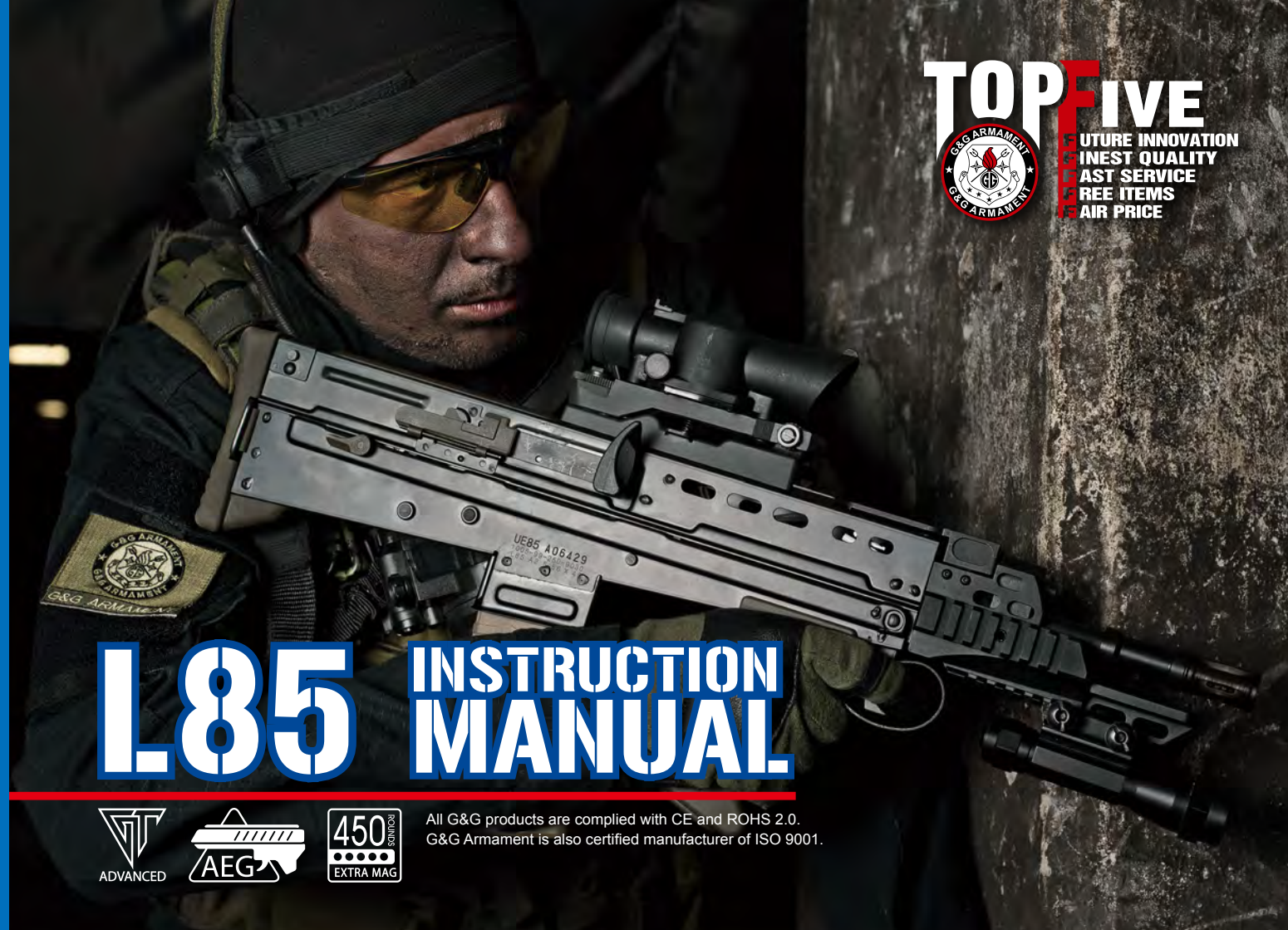
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# L85 INSTRUCTION MANUAL



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



- ⚠ All products employ a high precision 6.04mm barrel. Using 5.95mm BB pellets is highly recommended. Damage to the product due to by faulty BB pellets voids the warranty. Use with caution.
- ⚠ The buyer and the user of this product shall adhere to all local laws regulating the usage and the ownership of airsoft guns.

You may be liable for damaging public, personal property, or for injuring a person or an animal. Always observe good manners and enjoy fun sport shooting.



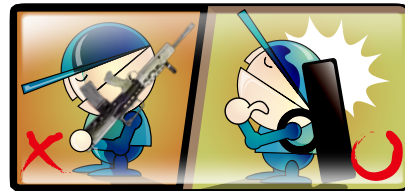
Safety procedures:  
 1. Attach the safety cap to the muzzle.  
 2. Set the selector lever to the safety position.  
 3. Remove the magazine.



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. Please pay attention to ricochets and third parties around you.



- ⚠ This product is intended for users 18 years or older.
- ⚠ Read all instructions before using this product.
- ⚠ Adult supervision required.
- ⚠ Always wear safety goggles when using this product.
- ⚠ Misuse or careless handling of this product may cause injury.
- ⚠ May be hazardous up to 50 meters.



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.



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

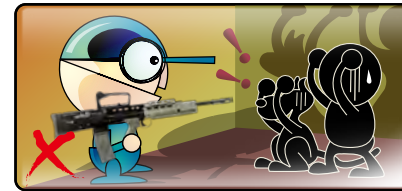


Always attach the safety cap to the muzzle, remove the battery and store the air gun in a case or bag and at a place that is out of reach of children.

### Orange tip disclaimer :

- ⚠ All G&G Airsoft guns come with a permanent fixed orange tip required by law, which will grant Airsoft legal usage in the United States.
- ⚠ If you alter, modify, abuse or remove the orange tip, all warranty coverage will be void.

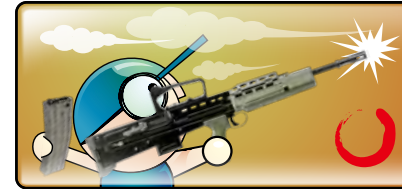
Never direct the muzzle towards a person, animal, or in any direction that may cause harm or damage to a third party.



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



There may be cases where some BB's 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 BB's remaining in the gun, then attach the safety cap.



**Warning**

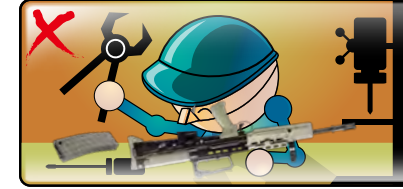
For more product information please visit our website  
[www.guay2.com](http://www.guay2.com)



Make sure to put the barrel and safety cap onto the muzzle except when shooting, to prevent any accidents, discharge of BB's, and also for dust protection purposes. Never pull the trigger while the barrel and safety cap are attached.



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.



Disassembling or modifying the gun may adversely affect the performance and make it dangerous. It would also void all warranty.



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## L85 Series List



For more product information  
please visit our website  
[www.guay2.com](http://www.guay2.com)



## L85 A1 / A2 Components

For more product information  
please visit our website  
[www.guay2.com](http://www.guay2.com)

Detachable Carrying Handle

Detachable Front Sight

For more product information  
please visit our website  
[www.guay2.com](http://www.guay2.com)

Flash Hider

Safety Selector

Handguard

Charging Handle

SUSAT Scope

L85 Carbine

L85 AFV

Rail

Trigger  
Trigger Guard

Grip

Selector Lever

Magazine Release Button

450R Magazine

L85 Carbine /  
AFV Components

Push to right side

"S" - Safety Mode

**The Trigger Cannot Be Pulled**

When the gun is in storage or not being fired, always set the selector to the Safe position and attach the protective cap on the muzzle.

⚠ Always set the safety mode setting when not attended.

Push to left side

"F" - Firing Mode

⚠ **Warning**

▶ Never operate the selector switch while pulling the trigger. Otherwise, malfunctions may occur.

▶ Pulling the trigger with the Selector being set at safe mode may damage the air gun.

Semi Mode

**Single Shot**

The gun will fire one shot each time when pulling the trigger.

Fully Automatic Mode

**Automatic Firing**

The gun will fire continuously while the trigger remains pulled.

**Warning**

► Use only the G&G battery purchased from your local dealer.

**For L85 A1 / L85 A2**



**For L85 A1 / L85 A2**



**Warning**

► Use only the G&G battery purchased from your local dealer.

**For L85 Carbine**



**For L85 Carbine**







## Warning

- Use only the G&G battery purchased from your local dealer.

### For L85 AFV



Open the front set cover.



Unscrew the front set screw.



Disassemble the handguard.



Insert the battery and connect the battery plug until it clicks.



Reinstall the front set.

## RECOMMENDED BATTERY



**G-11-053**  
NI-MH 8.4V 1600mAh for L85 AFV



## Warning

- Insert the magazine into the gun until it clicks into place with top plate facing up.
- Confirm that the safety lever is set to Safety position and do not place your finger on the trigger.

### Magazine Setting



Open the magazine top plate.



Pour G&G 5.95mm BB pellets into the magazine. The magazine is capable of holding approximately 450 pellets.



Turn the winding wheel on the bottom of the magazine to tighten the spring tension. This will allow the BBs to be fed into the gun.

### Magazine Setting



Insert the magazine into the gun until it clicks into place.

### To Release the Magazine



Press the magazine release button.



Release the magazine from the gun.

## Warning

► Be careful not to catch your fingers in the dummy bolt.

### Hop-up Adjustment



Pull the charging handle to the rear then push down the bolt lock to secure the bolt.



Turn the hop-up for a desired flight pattern of the BB pellet. The hop-up dial can be turned to a certain degree. Excessively turning of hop up dial will damage the gun from jamming BBs or break the dial.

## Warning

► Never hold the gun sideways as the BB pellets will curve right or left due to the hop-up system.

A Too much hop-up ( Turn the dial toward **Normal** ).

B Best Direction.

C Not enough hop-up ( Turn the dial toward **HOP** ).  
or Too much hop-up ( Turn the dial toward **Normal** ).



## Front Sight / Grip

### Installing the Front Sight



Loosen the screw.



Install the front sight.



Fasten the screw.

### Front Sight Adjustment



Push down the pin and turn the knob for front sight adjustment. (Down / Up)

### Grip Storage Space



Pull out the cover of grip bottom.



Grip storage space for tool kit.

## ■ Carrying Handle (Rear Sight)

### Installling the Carrying Handle



### Installling the Carrying Handle



### Rear Sight Adjustment



Push down the pin and turn the knob for rear sight adjustment. (Left / Right)



**Common Shooting**

Used for full automatic firing.



**Special Shooting**

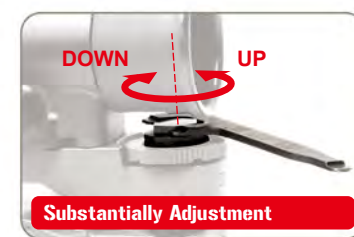
Used for precision firing.

## ■ SUSAT Scope

### Installing the SUSAT Scope



### SUSAT Scope Adjustment



Turning the screw UP will raises the aiming point. Turning the screw DOWN will lower the aiming point.



Turning the dial UP will raises the aiming point. Turning the dial DOWN will lower the aiming point. Tighten the screw.



Before adjusting the left screw, tighten the right screw. Turning the screw left or right to adjust the aiming point.





## Maintenance When Pellet Speed Becomes Low

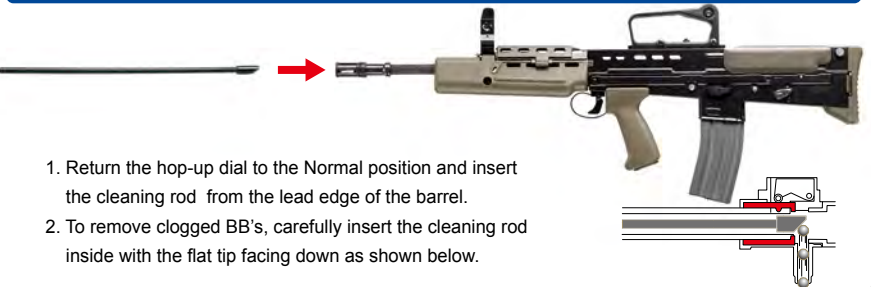


1. Place a few drops of silicone oil or teflon oil into the pellet entrance. After inserting BB pellets into the magazine, fire the gun for up to 200~300 pellets.
2. To complete the cleaning, use the cleaning rod ( with cotton ) to remove excess oil.

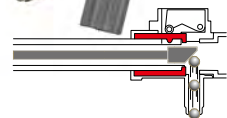
## ⚠ Warning

- ▶ Do not jam the cleaning rod into the barrel by force.
- ▶ Should the BB's remains inside the barrel, point the gun towards a safe direction and discharge any loosened BB's in semi-automatic mode.

## Removing Clogged Pellets



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 with the flat tip facing down as shown below.



## ⚠ Warning

- ▶ Make sure no dirt gets into the chamber to avoid clogging of pellets.
- ▶ Hop-up may be unstable for 200 to 300 rounds after using silicone oil. This is the normal operation of the gun.
- ▶ Never use CRC-556, WD40, or other corrosive lubricants.

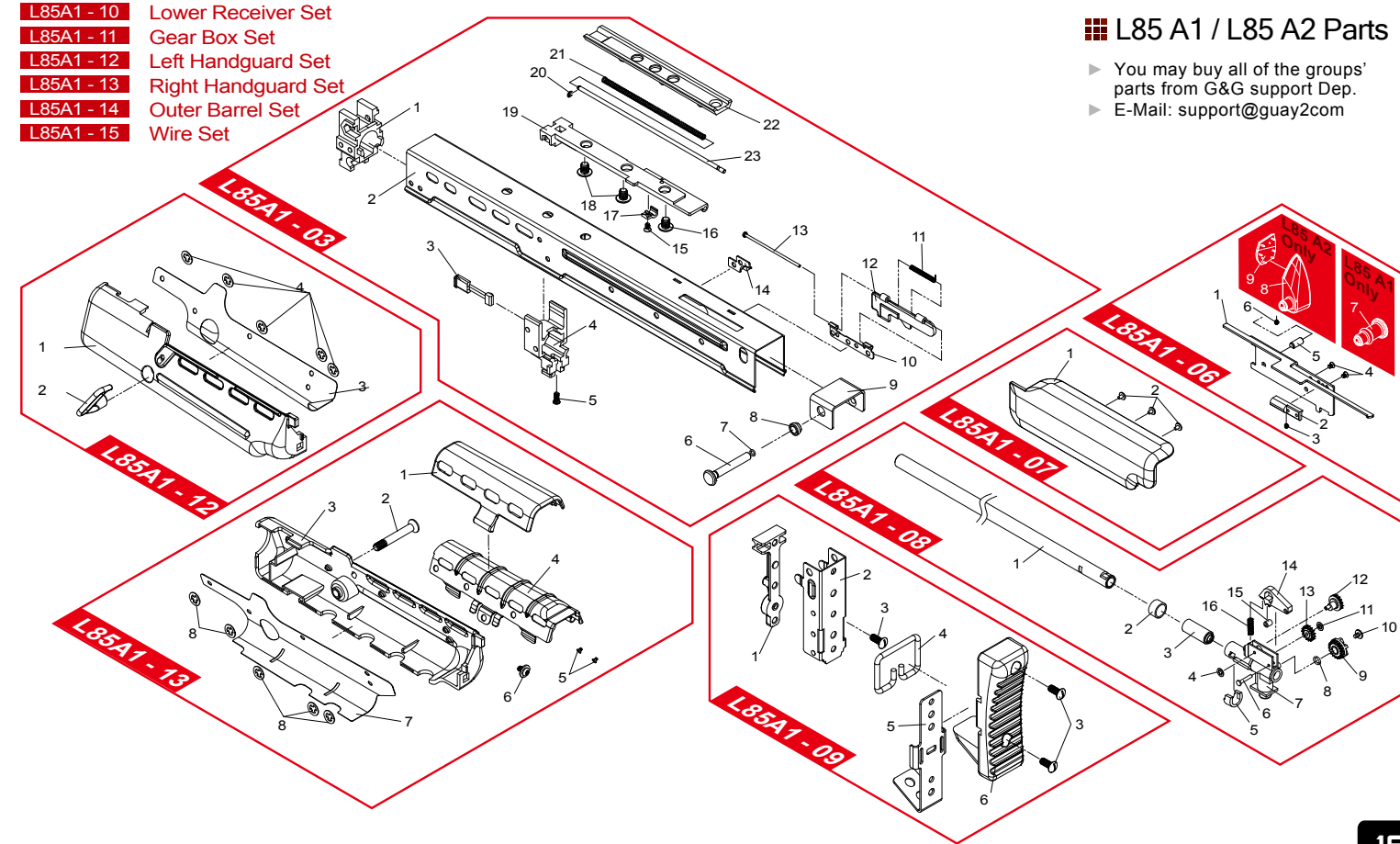
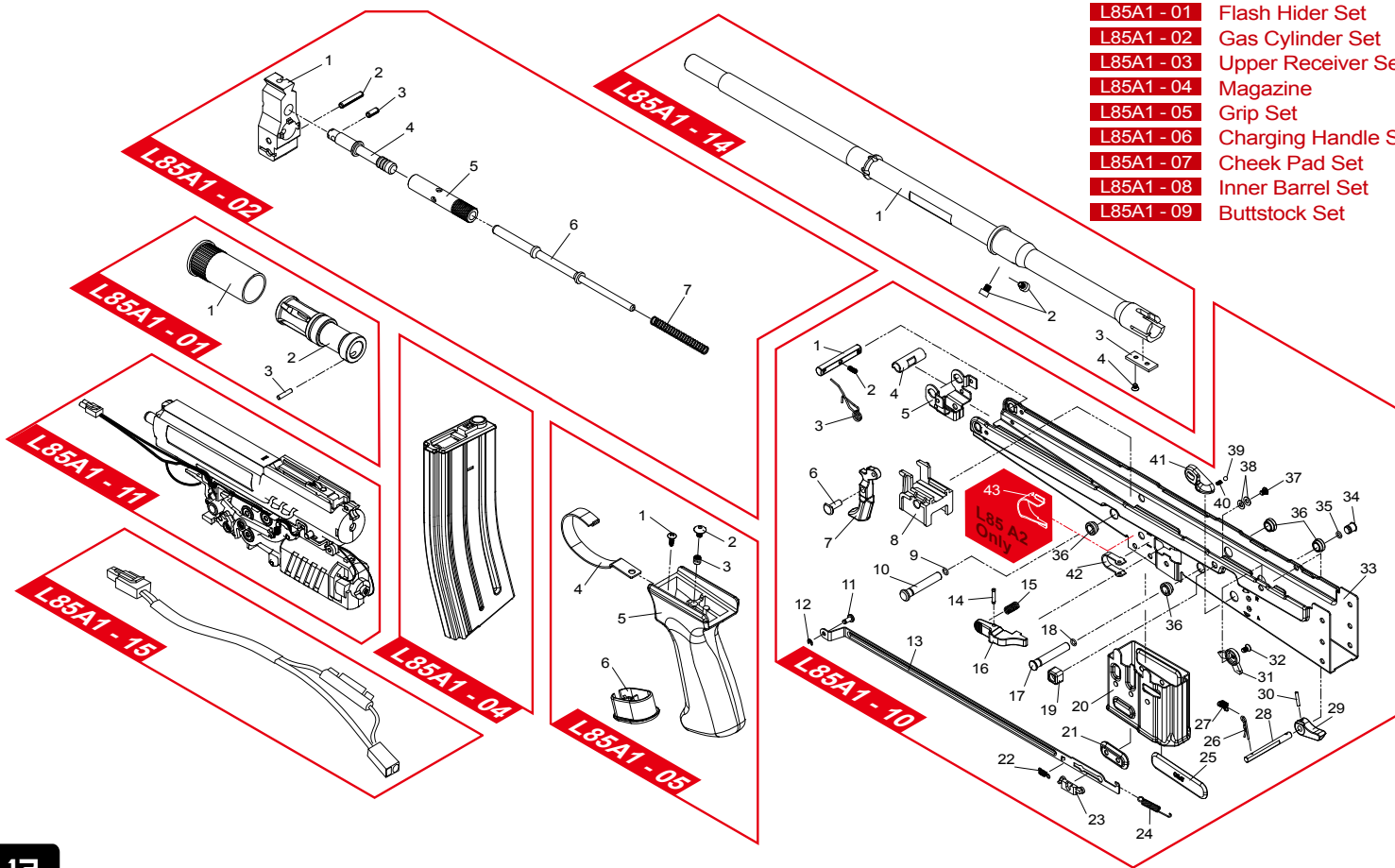
## ■ Troubleshooting

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 reversed.	Switch the batteries to the correct position.
	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 from G&G). Check and repair the contacts.
Although motor is revolving, no pellet can be fired	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.	Purchase 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 G&G for overhaul maintenance or repair.
Shooting distance becomes shorter	Damaged or worn chamber set.	Replace the replacement parts (purchase 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.
	Shortage of silicone oil	Place a few drops of silicone oil onto the upper 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.	
If gun gets wet	Faulty BB Pellets (too small or heavy)	Use the G&G Pellets.
	Stop operation immediately, disconnect the battery, wipe off water from inside the main body and the battery. After the gun is completely dry, carry out trial firing. If the unit is not operational, please contact your local dealer for repair.	

## ■ 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 the 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 from those pictured.



## L85 A1 / L85 A2 Parts

- You may buy all of the groups' parts from G&G support Dep.
- E-Mail: support@guay2com



# Parts List

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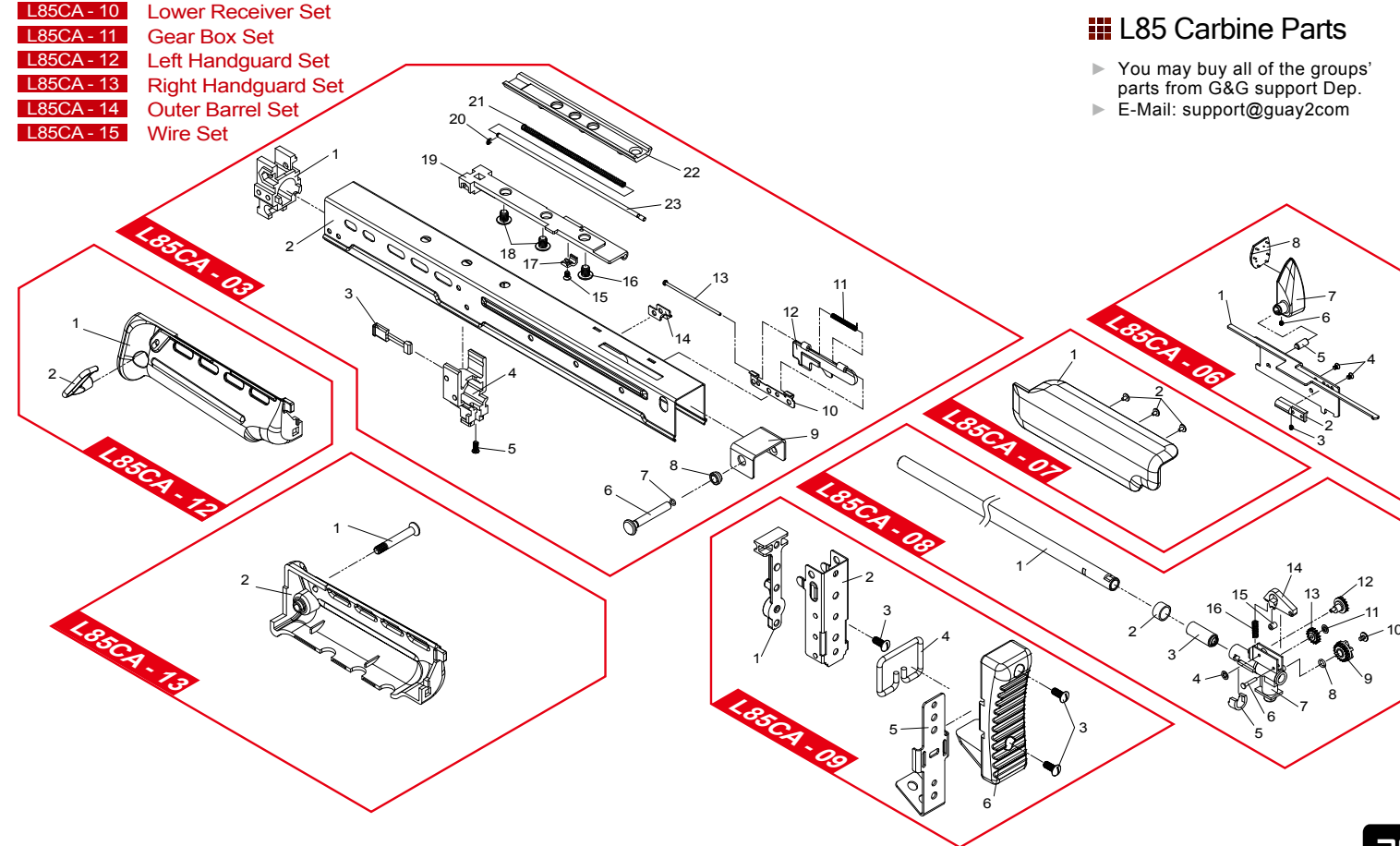
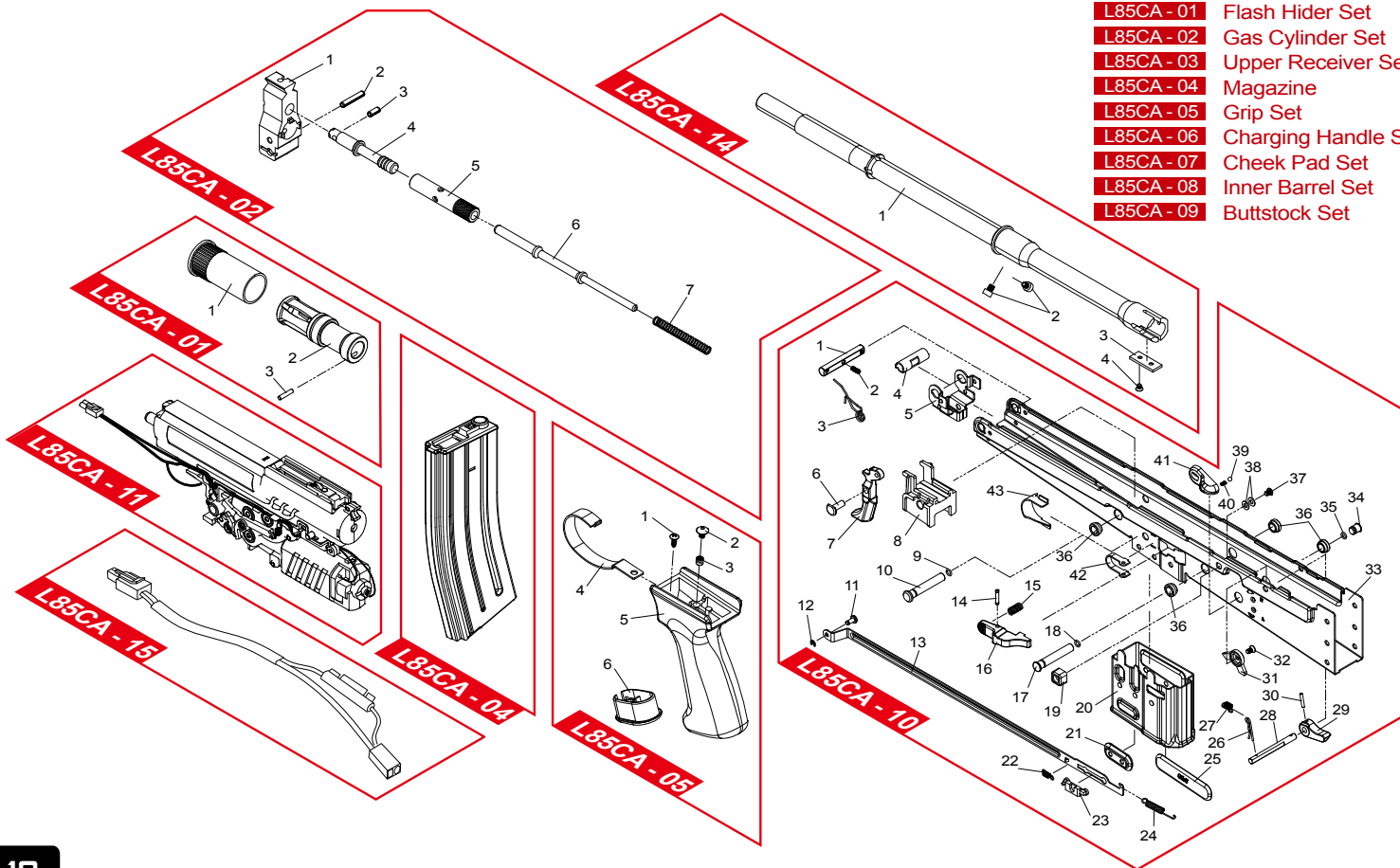


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# Parts List

## L85 Carbine Parts

- You may buy all of the groups' parts from G&G support Dep.
- E-Mail: support@guay2com



# Parts List

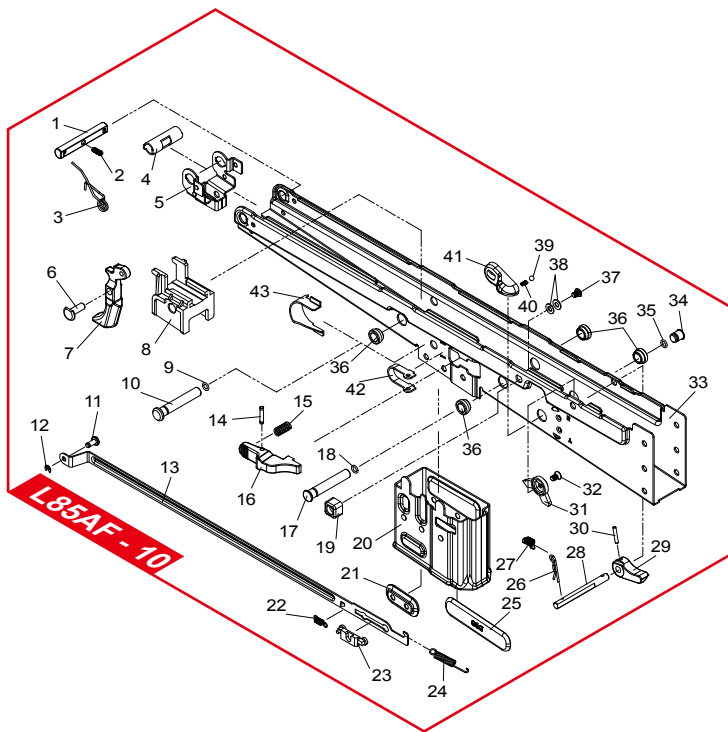
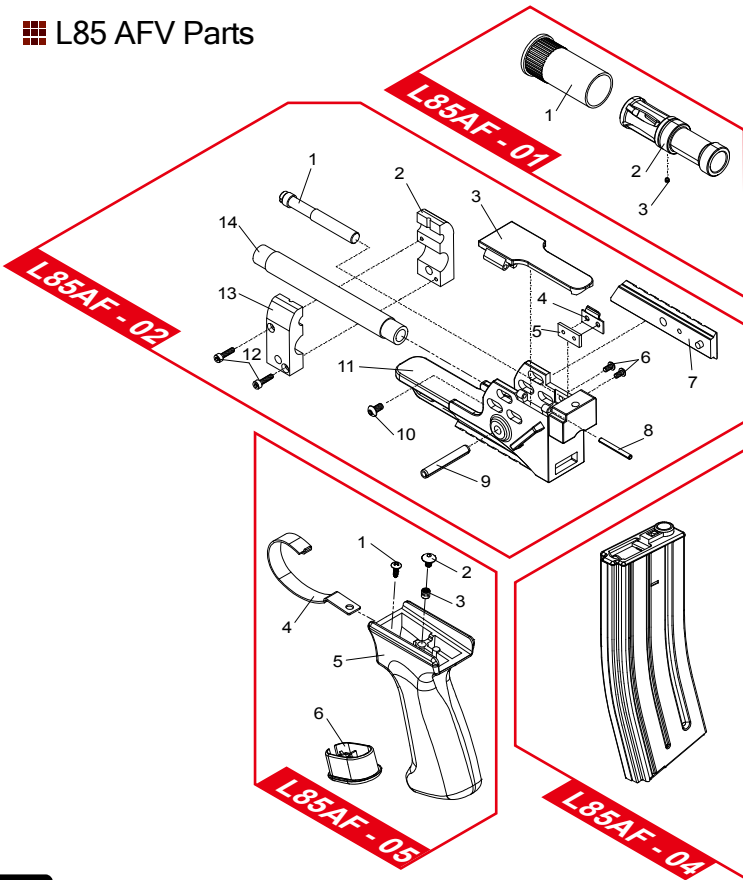
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# L85 INSTRUCTION MANUAL

# Parts List

## L85 AFV Parts



► You may buy all of the groups' parts from G&G support Dep.  
► E-Mail: support@guay2com

- L85AF - 01 Flash Hider Set
- L85AF - 02 Front Set
- L85AF - 03 Upper Receiver Set
- L85AF - 04 Magazine

- L85AF - 05 Grip Set
- L85AF - 06 Charging Handle Set
- L85AF - 07 Cheek Pad Set
- L85AF - 08 Inner Barrel Set
- L85AF - 09 Buttstock Set
- L85AF - 10 Lower Receiver Set
- L85AF - 11 Gear Box Set

