



**LUCID**  
AIRSOFT

# L47 Series

## Instruction Manual



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### WARNING



Operation of this airgun for competition use is restricted to users younger than 18 years old.



Since the field of fire can be about 50 to 60 meters, careless shooting may cause eye damage or other injuries.



Always read through this HANDLING CAUTIONS AND INSTRUCTION MANUAL carefully before operation. Operate the air gun with full recognition of warnings and cautions.

**Always read through this manual before operation.**

### 1 SAFETY AND HANDLING

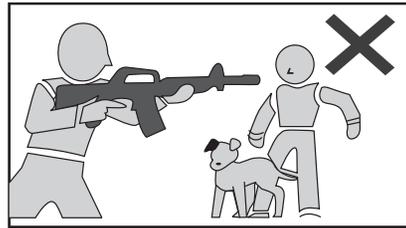


Always read through this manual before operation

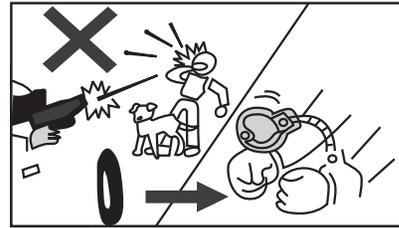
Make sure to wear eye protection.



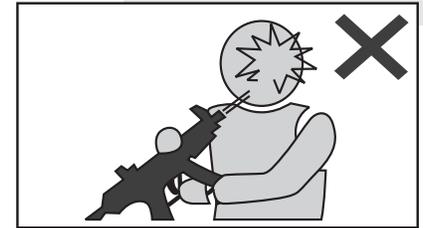
Don't train on people or animals.



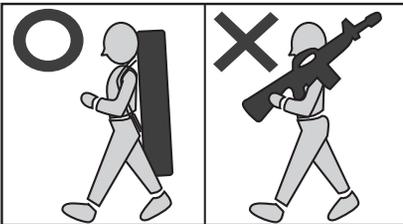
Don't shoot mischievously.



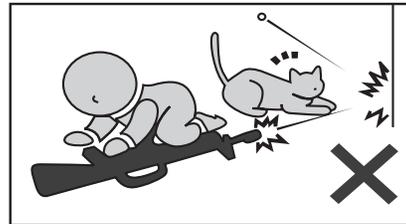
Don't look close to the muzzle.



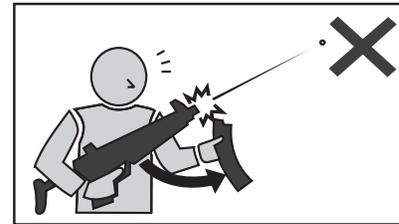
Use a bag or box when transporting.



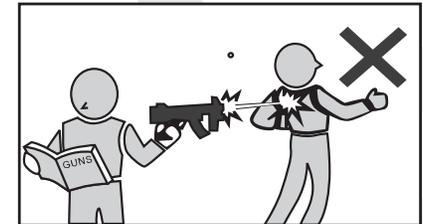
Keep out of the reach of children.



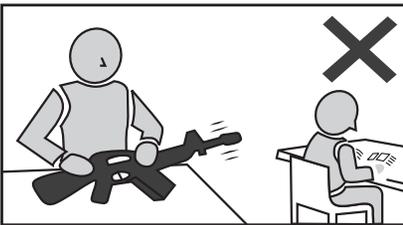
Gun may still fire with magazine removed.



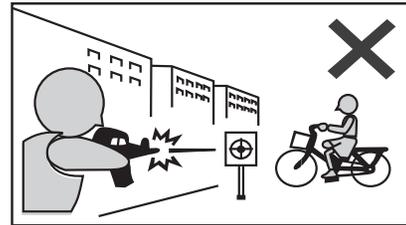
Never shoot casually.



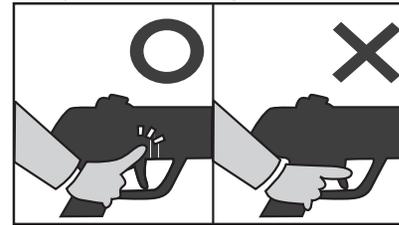
Practice safe muzzle controls at all times.



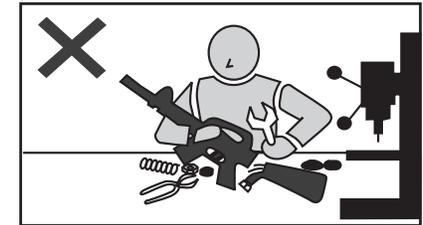
Don't shoot where there is people or transportation.



Keep finger off the trigger until you're ready to shoot a target.



Do not dismantle or attempt repairs yourself.

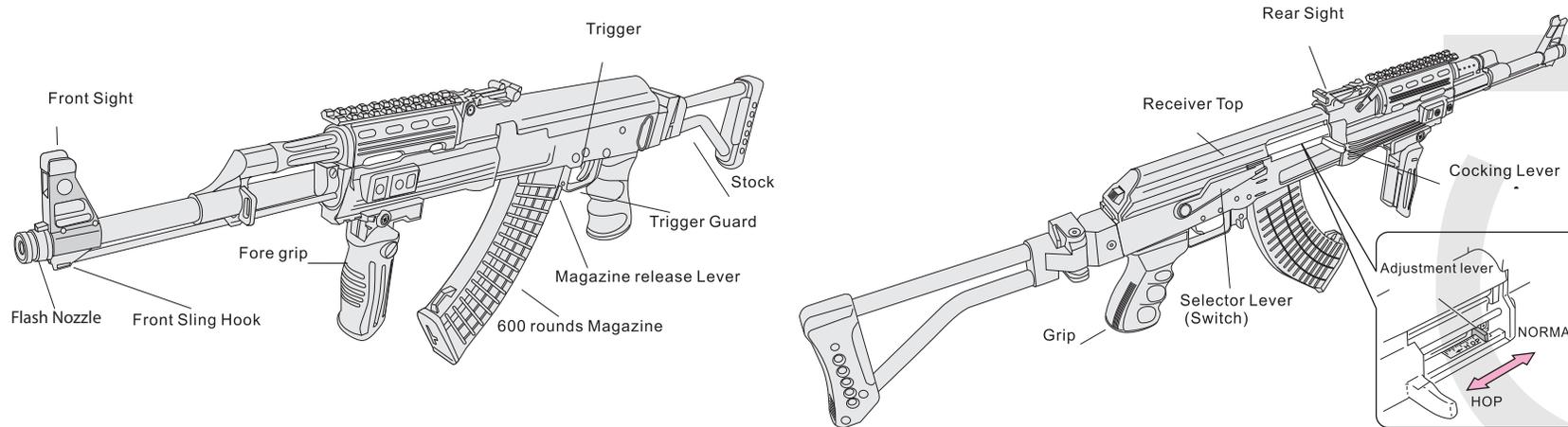


# L47 SERIES

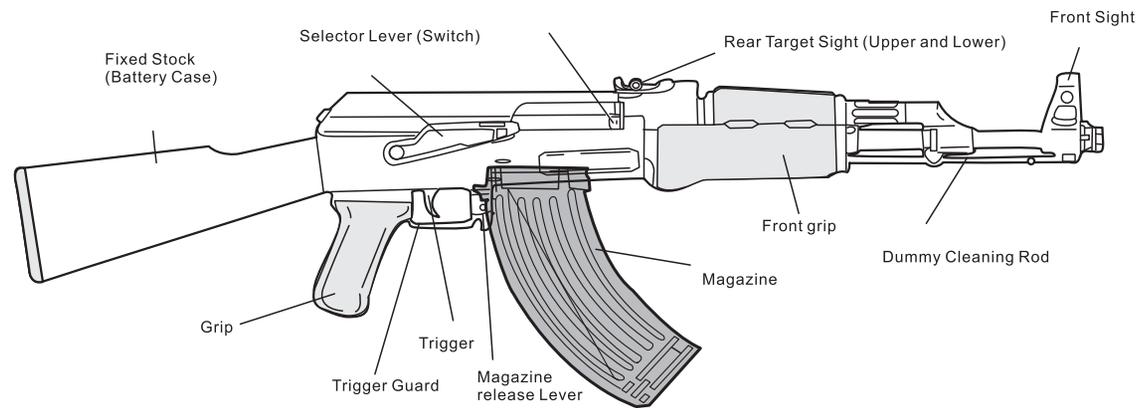
## 6mm Airsoft Electric Gun

### 2 COMPONENT NAMES

L47T

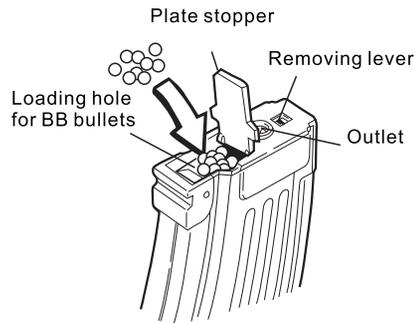


L47

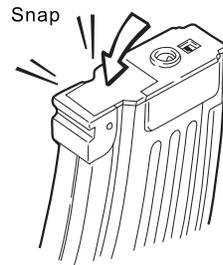


### 3 Loading BB Bullets and Setting the Magazine

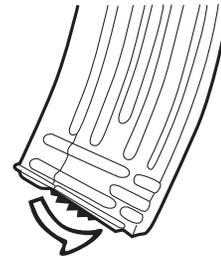
1. Open the hatch at the top of the magazine and load BB bullets.



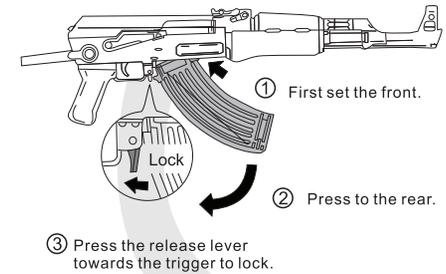
2. Close the top hatch when BB bullets are loaded.



3. Face the loading hole for the BB bullets upward and turn the gear at the bottom.

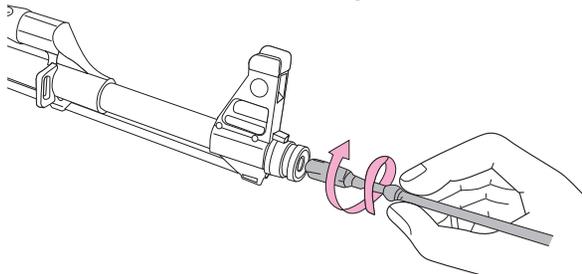


4. Set the magazine upwardly. Align to the groove (shown below) and press in the rear of the magazine.

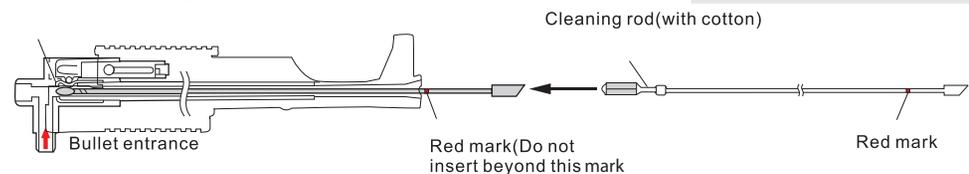


### 4 Maintenance

Rotate the cotton wound cleaning rod slowly when inserting it into the barrel.



Hop chamber packing.



Apply a few drops of sill cone or Teflon oil.

# L47 SERIES

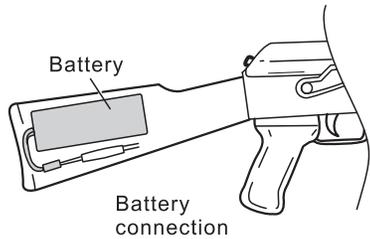
## 6mm Airsoft Electric Gun

### 5 Setting the battery

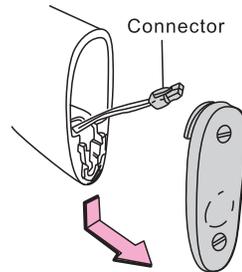


**Do not overcharge your battery.**

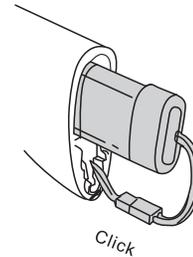
Maximum charge time should not exceed 5 hours.



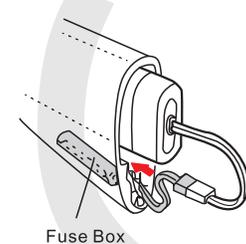
1. Remove the butt plate by pressing it downwards and pull out the connector.



2. Insert the battery in the stock and attach connectors.



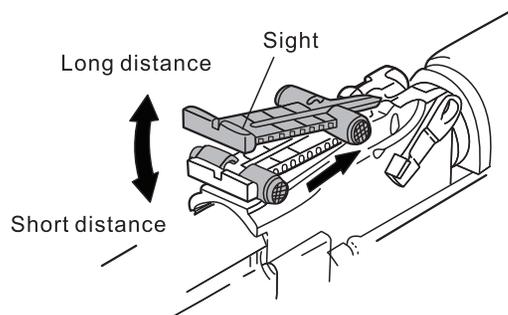
3. Press Down on the fuse box. Insert connectors and cords between the fuse box and battery. Bend the cords in a S shape. Reinstall butt plate.



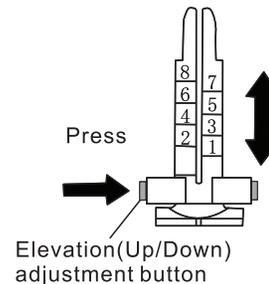
### 6 Sight adjustment

#### Rear Sight

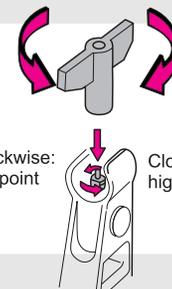
The L47 series rear sight is a tangent type which is adjusted vertically according to the distance of the target.



Press the adjust button and slide it forward or backward to move the sight up or down. The larger the number, the longer the distance to the target.

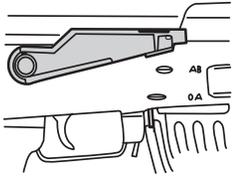


Insert the front sight adjustment tool in the front sight and turn it for adjustment.

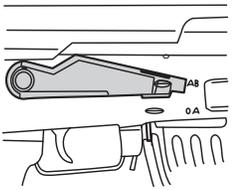


#### Front Sight

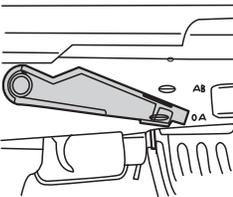
### 7 Selector Settings and Firing



**SAFETY SETTING**  
The trigger cannot be pulled. Always set the selector to the Safe Position when storing or transporting.



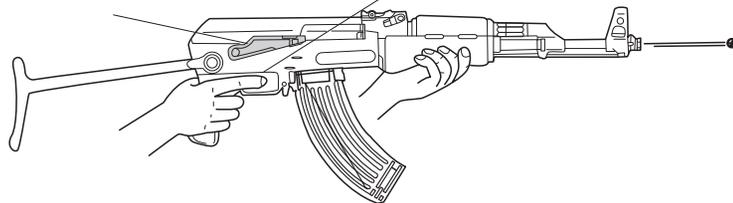
**FULLY AUTOMATIC**  
The gun will fire automatically while the trigger remains pulled.



**SEMI AUTOMATIC**  
The gun will fire one shot each time the trigger is pulled.

1 Set the selector lever to Semi or Full Auto.

2 Pull the trigger.



#### After Operation

- Remove the magazine and dry fire the gun in the semi auto mode directing the muzzle to a safe direction. Set the selector to the safe position.
- Disconnect the battery.

#### Cautions on Motor and Battery

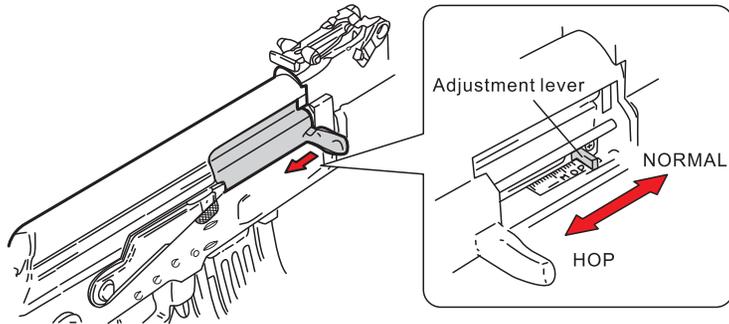
- Charge the battery if the firing becomes slow.
- Give the airgun a rest for 5 to 10 minutes after firing about 500 rounds. This will ensure long service lives of the motor and battery.

#### WARNING · CAUTION

- Never use CRC-556 or other mineral oil.

### 8 Variable hop-up system

By producing a back-spin on the BB bullets, this system allows for straighter and longer shooting.

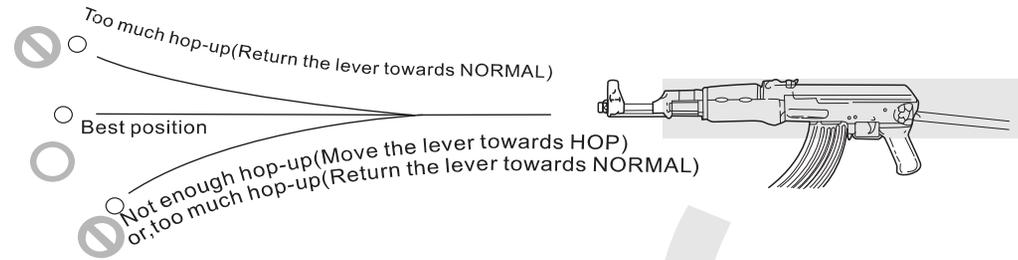


#### Adjustment

- Open bolt to adjust the Hop-Up system
- Gradually turn the adjustment dial to give hop-up to BBs. Turning excessively affects the trajectory.

#### WARNING · CAUTION

- Too much hop-up can cause BB Bullets to clog frequently.



Symptom	Cause	Action
Bullets flying upwards	Too much hop setting	Gradually return adjustment lever towards Normal.
Short flying distance of bullets (less hopping up effect)	Too much hop setting	Gradually return adjustment lever towards Normal.
	Hop packing contaminated by oil or dirt	Clean the chamber using the cleaning rod.
	Worn or damaged hop packing	Purchase the replacement part from your dealer and replace it.
Cannot adjust	Damaged adjustment lever or other parts	Purchase the replacement part from your dealer and replace it.
Frequent bullet clogging	Too much hop setting	Gradually return adjustment lever towards Normal.
	Improper or too large sized BB bullets	Use high quality BBs of the correct size.
	Dirty hop packing	Clean using the cleaning rod or consult your dealer or for repair.

### 9 Troubleshooting

Symptom	Cause	Action
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.	Attach the battery connector.
	The + and - connection of the battery connector is reversed.	Attach the battery connector properly.
	Fuse is blown out.	Replace Fuse.
	Expired motor life or poor electrical connection.	Replace motor or check/repair the contacts.
Although the motor is revolving, BB bullets are not being discharged	Bullets are clogged in the magazine.	Insert the charging rod into the magazine to remove the clogged BB bullets.
	Bullets are clogged in the chamber.	Remove clogged bullets using the cleaning rod.
	Faulty gear.	Purchase a replacement gear from your dealer.
Impossible automatic firing	Insufficient battery power.	Charge the battery.
	Faulty bullet feed of magazine.	Repair clogging of the magazine.
	Poor electrical connection.	Consult your dealer for repair.
Impossible semi-auto firing	Deviation in gear timing	Set to semi auto after firing 5 to 6 rounds in full auto.
	Insufficient battery power	Charge the battery.
	Poor electrical connection	Consult your dealer for repair.

### 9 Troubleshooting Cont.

Symptom	Cause	Action
Automatic firing cycles become long	Insufficient battery power	Charge the battery.
Shooting distance becomes shorter	Worn or damaged chamber packing.	Consult your dealer for repair. Replace the chamber packing, piston packing (O-ring) and piston assembly.
	Worn or damaged chamber packing (O-ring).	
	Deteriorated piston spring.	
	Faulty BB bullets.	Use high quality BB bullets.
	Shortage of silicone oil	Put a few drops of silicone oil from under the chamber.
Operating noise too loud	Gear problem caused by too many blank firings or worn/damaged gear.	Consult you dealer for repair.
BB bullets falling out from barrel end	Worn or damaged chamber packing.	
	No hop setting.	Turn the hop adjustment lever toward Hop.
	Faulty BB bullets.	Use high quality BB bullets.
Being wet by or dropped into water	Stop operation immediately, disconnect the battery, wipe off water from inside the main body and the battery. If no operation is detected, consult your dealer for repair.	

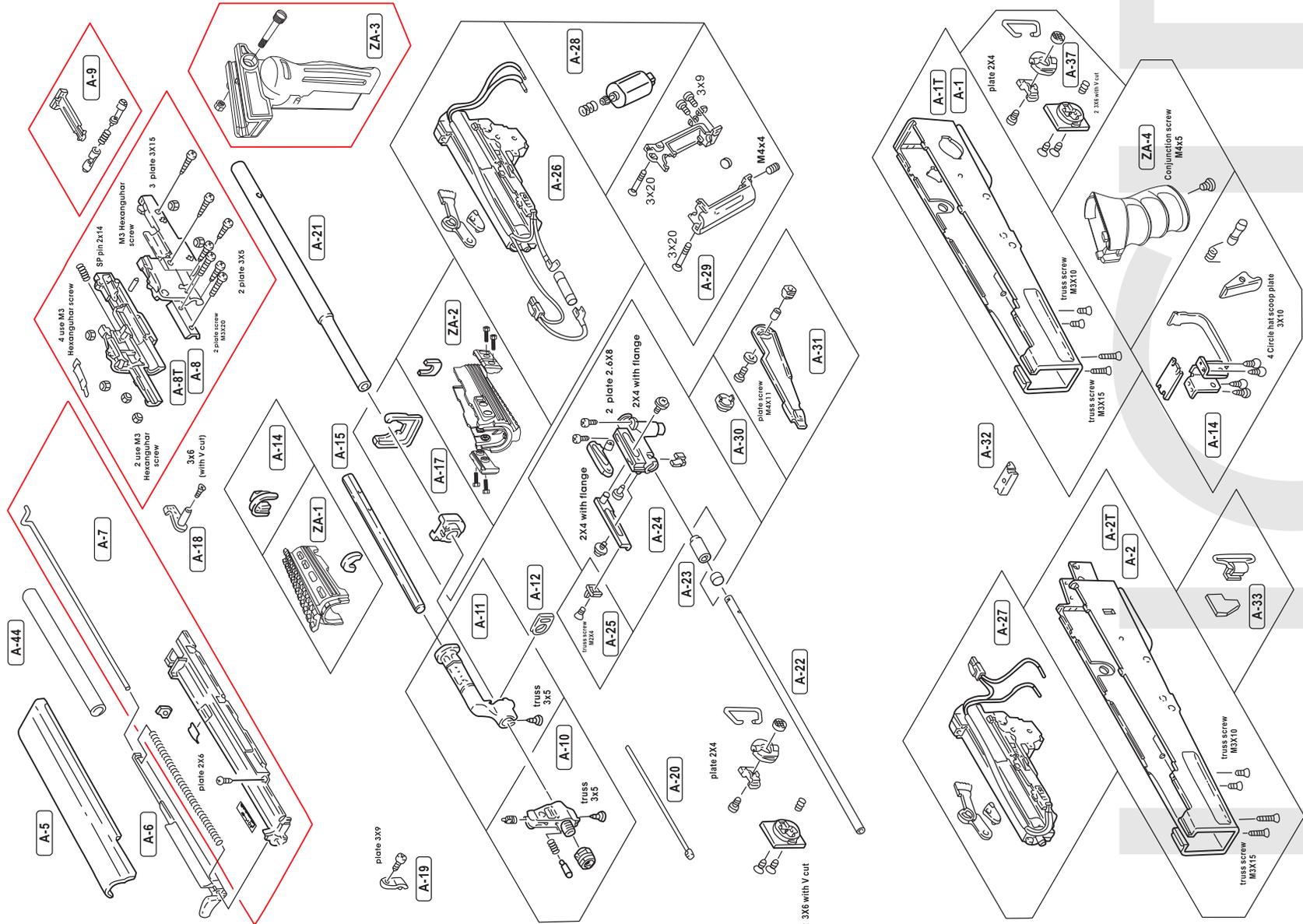
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## L47T Exploded View



# L47 SERIES

6mm Airsoft Electric Gun

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## L47 Exploded View

