



# G&G CM RK47 Airsoft Disassembly

These steps will allow to access the gearbox of a a combat machine AK47.

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## INTRODUCTION

The G&G CM RK47 is one of the most affordable and reliable AEG's on the market and with this guide it is easy to disassemble as well.

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### TOOLS:

- [2 mm Hex Screwdriver](#) (1)
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## Step 1 — G&G Combat Machine RK47



- Start by pressing the top cover retainer button and lifting the top cover off of the gun.

## Step 2



- Pull the thin black rod away from the top cover button and swing it outwards.
- Remove the small screw from the plastic receiver cover using a #0 Phillips screwdriver.

### Step 3



- Lift the plastic receiver cover from the receiver and remove it.
- Slide the top cover retainer button out of its groove and remove it.

### Step 4



- Remove the four screws on the underside of the receiver with a 2mm hex driver.
- Pull the barrel assembly out of the receiver.
- Remove the two screws holding the hop-up unit in place.
- Pull the inner barrel out of the outer barrel.

## Step 5



- Remove the screw at the bottom of the pistol grip with a #2 Phillips screwdriver.
- Remove the two motor mount screws with a 2mm hex driver.

## Step 6



- Using a flat head screwdriver, pry off the selector lever cap.
- Once the cap is removed, remove the screw underneath with a #2 Phillips screwdriver.
- Remove the selector lever.

## Step 7



- Carefully remove the gearbox from the receiver, making sure that the wires don't get stuck.

## Step 8



- Using a 2.5mm hex driver, remove the three screws that hold the stock to the receiver.
- Pull the stock away from the receiver to remove it.

## Step 9



- Remove the safety from the right side of the gearbox.
- Remove the selector gear screw with a 2mm hex driver as shown.
- Remove the selector gear assembly.

## Step 10



- Lift the tabs on the small black cap behind the trigger, and then remove the cap.
- Pull the wires out from under the tabs on the spring plate that runs along the top of the gearbox.
- Carefully remove the spring plate by tapping it gently with a plastic hammer until it slides off the front of the gearbox.

## Step 11



- Remove the four remaining gearbox screws with a 2mm hex driver.
- Hold down the cylinder with your thumb while prying the gearbox apart from the top.
- As you remove the right half of the gearbox, be sure to hold down the cylinder, piston, and spring assembly so that they do not pop out under tension.
- Also keep a close eye out for any gear shims that may dislodge themselves as you are taking the gearbox apart.

## Step 12



- Slowly lift the spring guide out of the gearbox along with the piston spring.
- Remove the entire piston and cylinder assembly with the tappet plate, tappet plate spring, and air nozzle.
- Remove the trigger assembly and lift up the wire harness, unhooking the trigger plunger spring in the process.

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## Step 13



- Pull the trigger plunger out of the wire harness.
- Remove the three gears and the anti-reversal latch. Be careful not to misplace any of the shims or bushings, or the anti-reversal latch spring.

## Step 14



- The RK47 is now fully disassembled.

To reassemble your device, follow these instructions in reverse order.