G&G CM RK47 Airsoft Disassembly

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

Written By: 101 Tech USA
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 dissemble as well.

TOOLS:

- 2 mm Hex Screwdriver (1)
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.
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.