



# Cen-Tech Seven Function Digital Multimeter Circuit Board Replacement

This guide will show how to remove and replace the circuit board, the green piece of hardware found directly within the back cover.

Written By: Anna Kihm



## INTRODUCTION

In order to remove and replace the circuit board, the back panel must first be removed by taking out the two screws on the back of the device. To reduce the chances of damaging the meter, remove the battery as soon as the back cover is removed. Next, the four screws that secure the circuit board must be removed. This will free the circuit board to be removed and replaced.



### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)



### PARTS:

- [Cen-Tech Seven Function Multimeter Motherboard](#) (1)

## Step 1 — Position Device



- Place the meter face down, and the back panel and screws can be seen.

## Step 2 — Remove Back Panel Screws



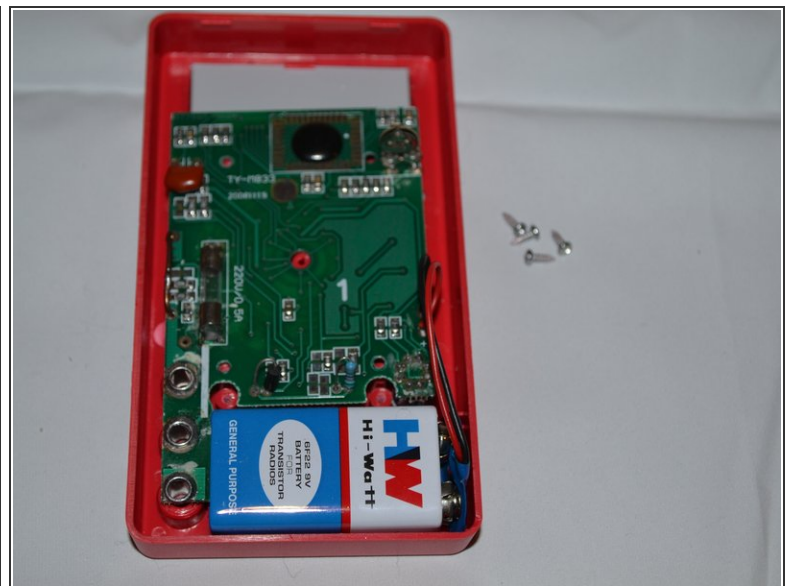
- Unscrew the two 9mm screws on the back panel using a #0 Phillips screwdriver.

### Step 3 — Remove Back Panel



- Remove the back panel of the device by lifting upward.
- Remove the battery from the meter before continuing.

### Step 4 — Unscrew Motherboard



- Remove the four 7mm Phillips screws holding the circuit board in place.

## Step 5 — Remove Motherboard



- Gently lift the circuit board away from the device casing.
- ⓘ Remove the battery after removing the back cover to reduce the chances of short-circuiting the circuit board.

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