D-Link EBR-2310 disassembly for cleaning

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INTRODUCTION

Over time, dust and dirt particles may accumulate inside of your D-Link router. This is a guide that shows you how to maintain your router through a process of internal cleaning and other maintenance tricks.

🔧 **TOOLS:**

[iFixit Opening Tool](#) (1)
[Soft Cloth](#) (1)
[Phillips #2 Screwdriver](#) (1)

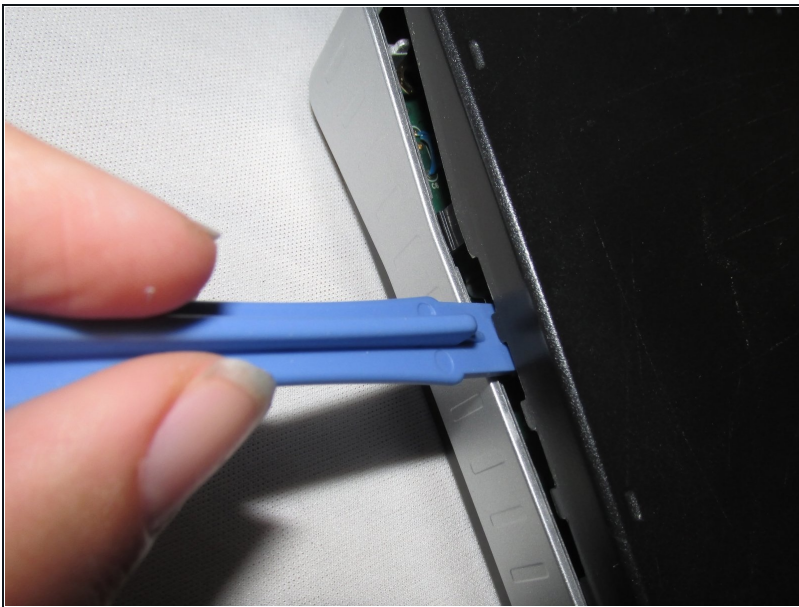## Step 1 — Remove Plastic Screw Coverings

- Begin by placing the wired router face down.

- Locate the two black plastic screw coverings at the top of the device and remove them with your fingers.

- ⓘ The two bottom plastic screw coverings do not need to be taken off.

Step 2 — Remove Screws

- Using a Phillips #2 screwdriver, remove the two top screws.

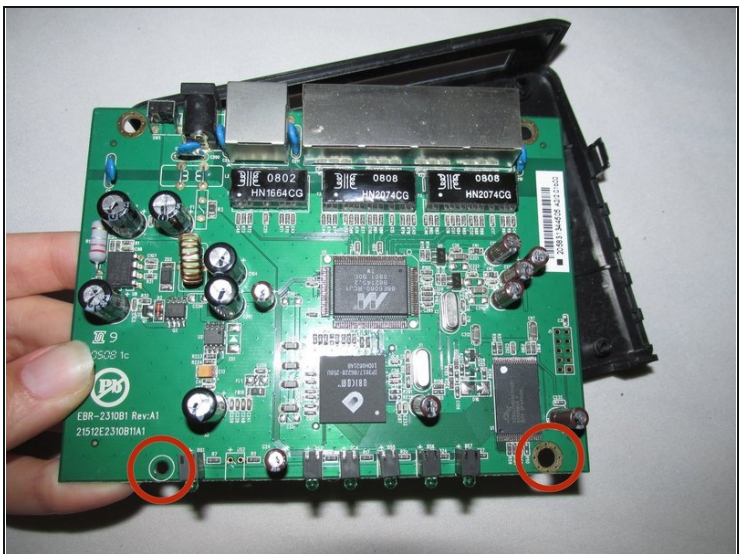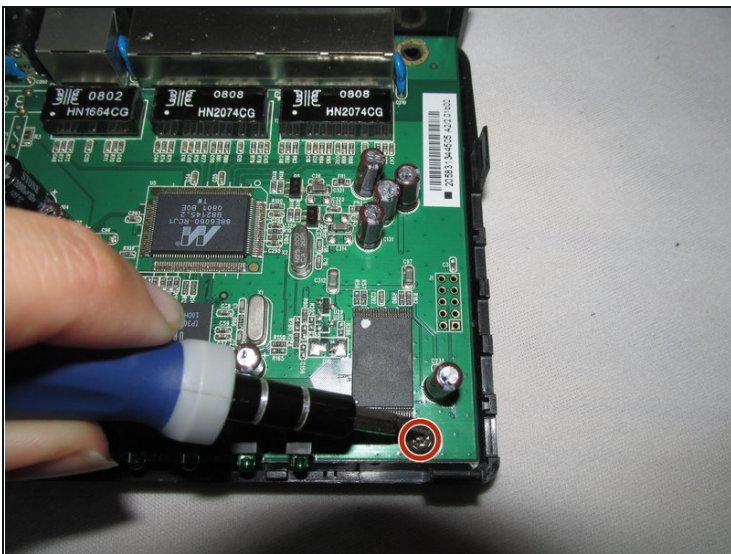## Step 3 — Pry Open The Router

- Use a plastic opening tool between the edges of the router and gently pry the device apart.

- Release the clips as you work your way around the device to avoid breaking them.

- Separate the front and back case of the router.
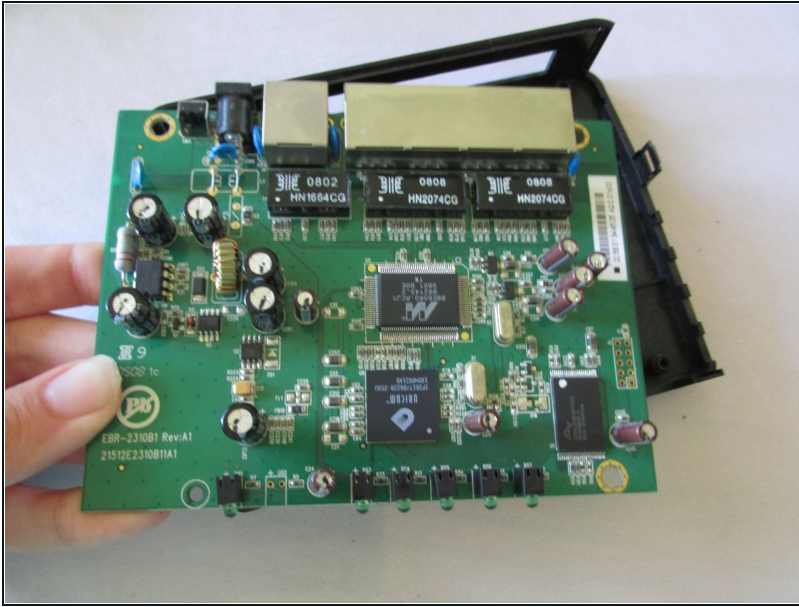
Step 4 — Remove Silver Casing

- Once you have removed the top black case of the router, remove the silver casing surrounding the logic board.

- ⓘ It should easily snap out of place.

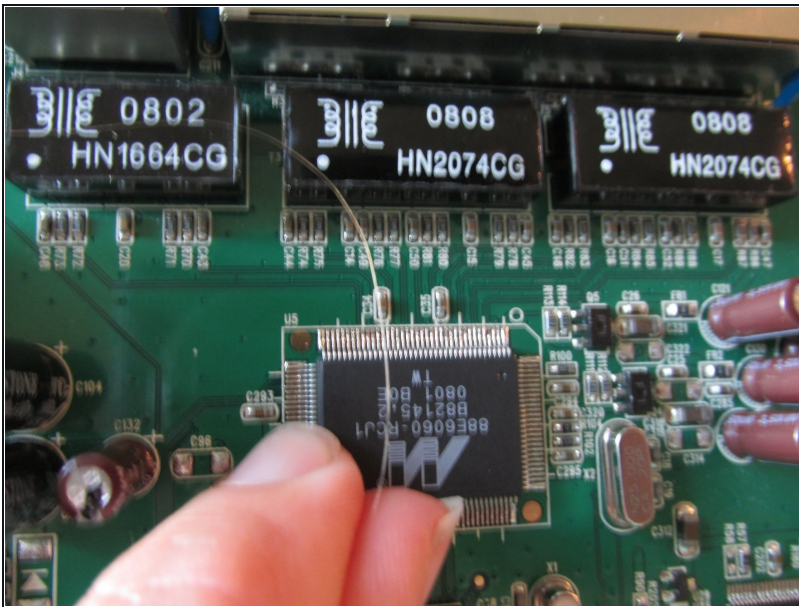## Step 5 — Remove Inner Bottom Screws

- Use a Phillips #2 screwdriver to remove the two screws at the bottom of the motherboard.
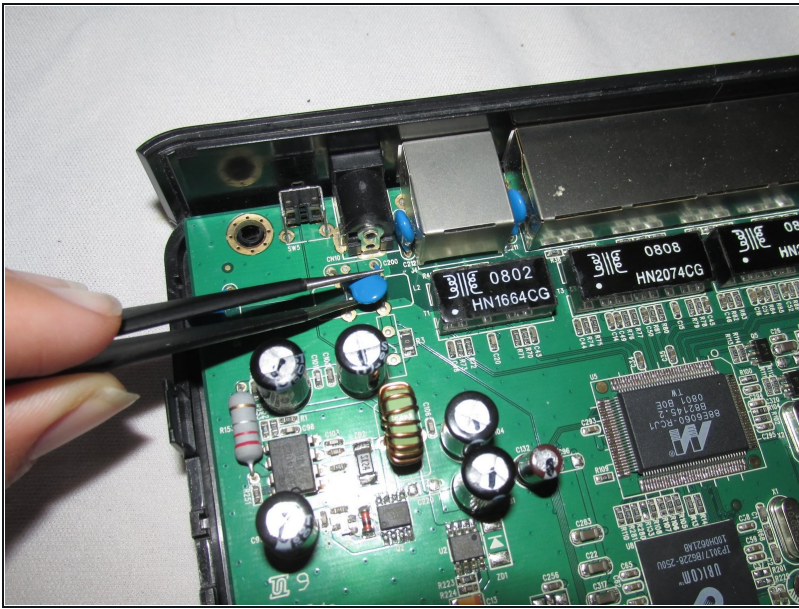
Step 6 — Remove Bottom Case

- Now that you have removed all screws and the surrounding silver casing, pop the logic board out from the bottom component of the router.

- You have now removed the logic board from your device.
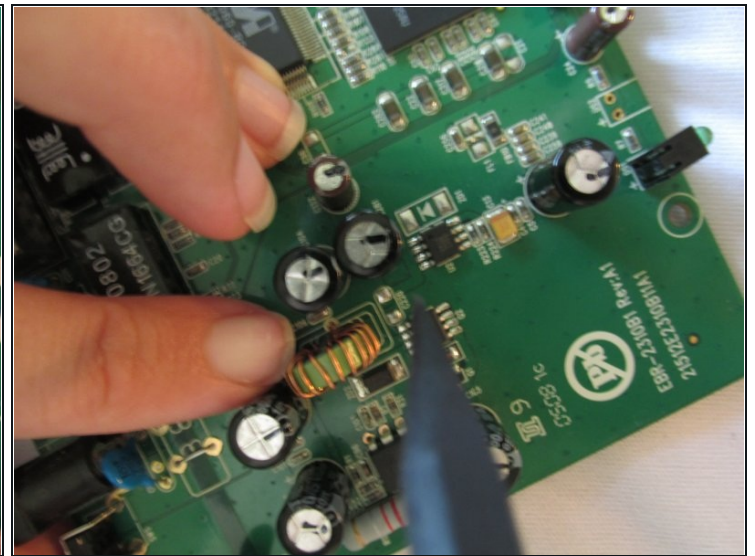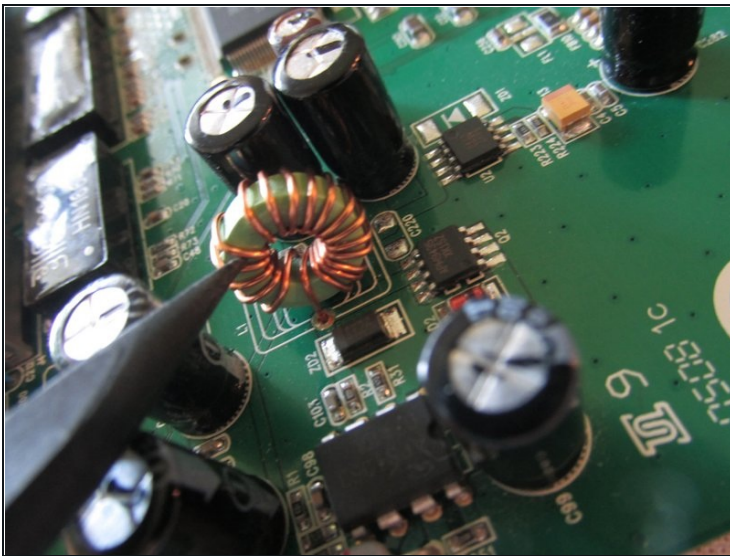
Step 7 — Remove Dust Particles

- Once you have completely removed your logic board from its casing, look for any large dust particles and/or other dirt inside the router. Gently remove these particles with your fingers.
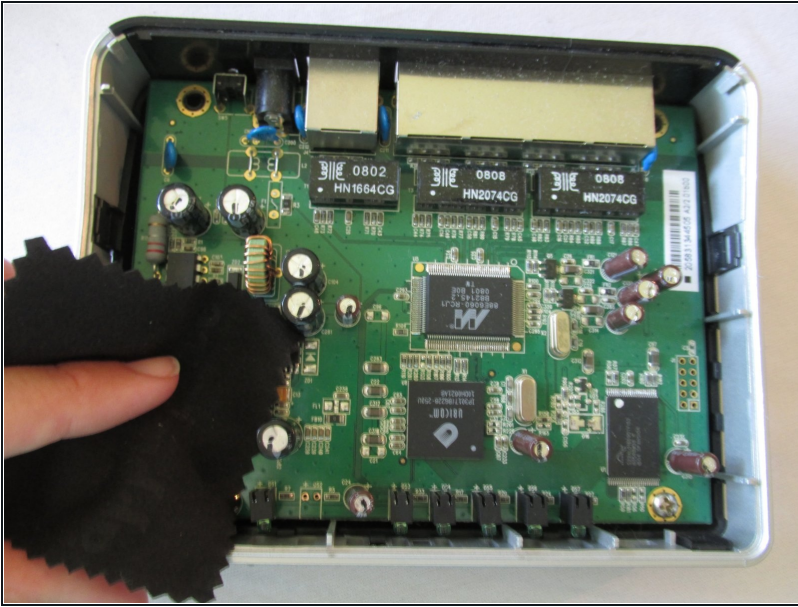
Step 8 — Maintain Blue Rubber Coverings

- Locate the blue rubber wire coverings near the main cable connections of your motherboard. Make sure that these are standing upright.

- If they are not, gently use your wire tweezers to rearrange them in the correct upright position.
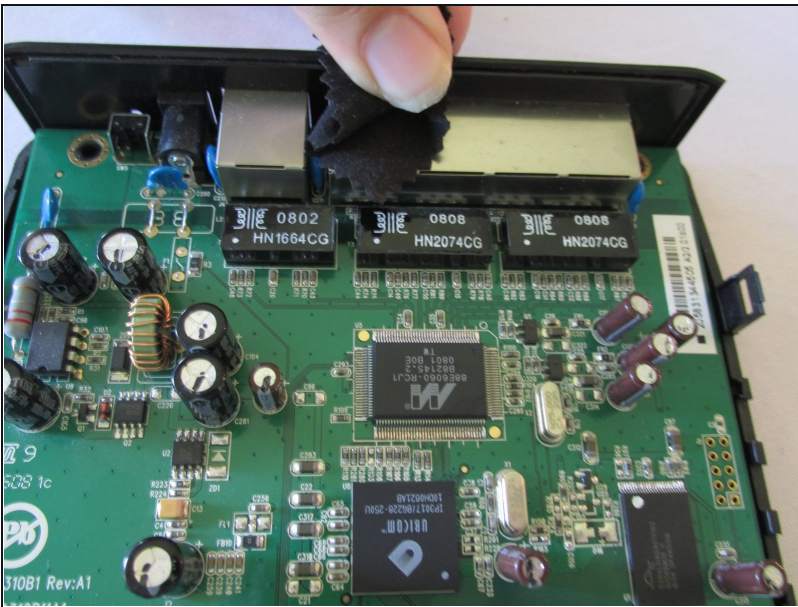
Step 9 — Wire Tube

- Locate the upright wire tube towards the middle left of the motherboard.

- Make sure that the wires are evenly spaced, not directly touching one another on the tube.

- If the wires are not evenly spaced, gently use your spudger tool to separate them.

Step 10 — Wipe The Top Side of the Logic Board
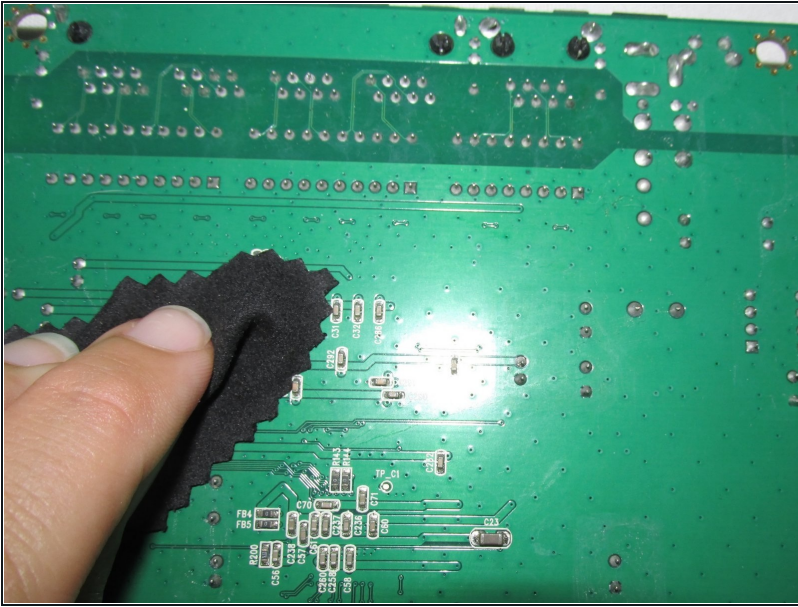

- Using a soft cloth, gently wipe the top side of the motherboard.

- Be sure not to miss any small crevices.

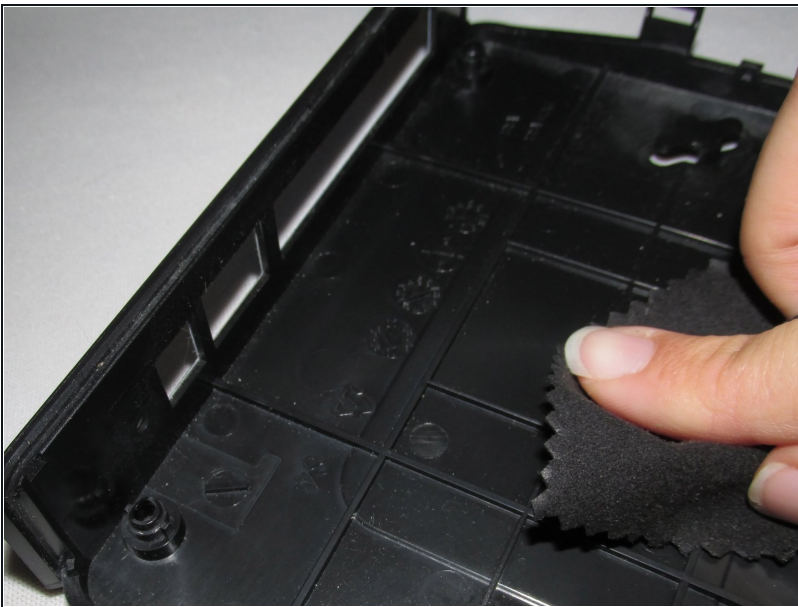## Step 11 — Wipe Dust From Metal Slates

- Using your cloth, gently wipe the metal slates around the cable connectors.

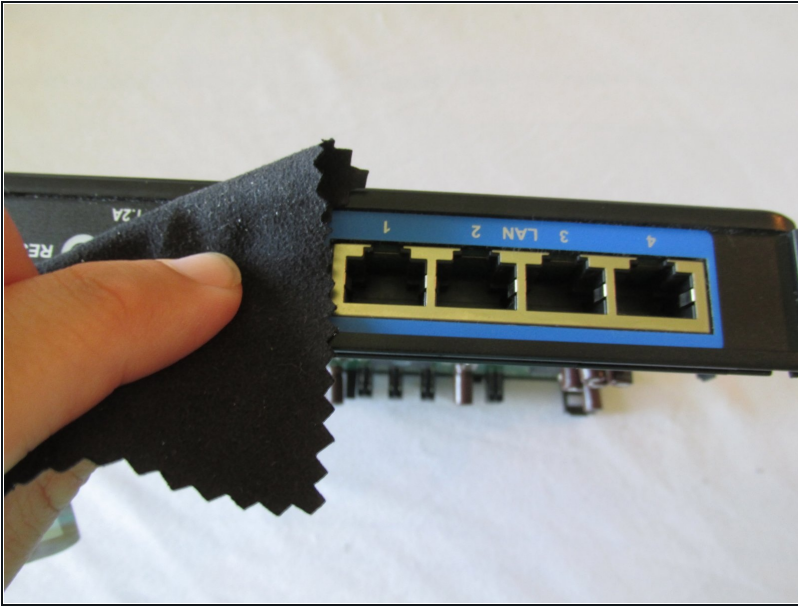## Step 12 — Wipe The Back Side of the Logic Board

- Turn the motherboard on its back side and completely wipe away any small particles.

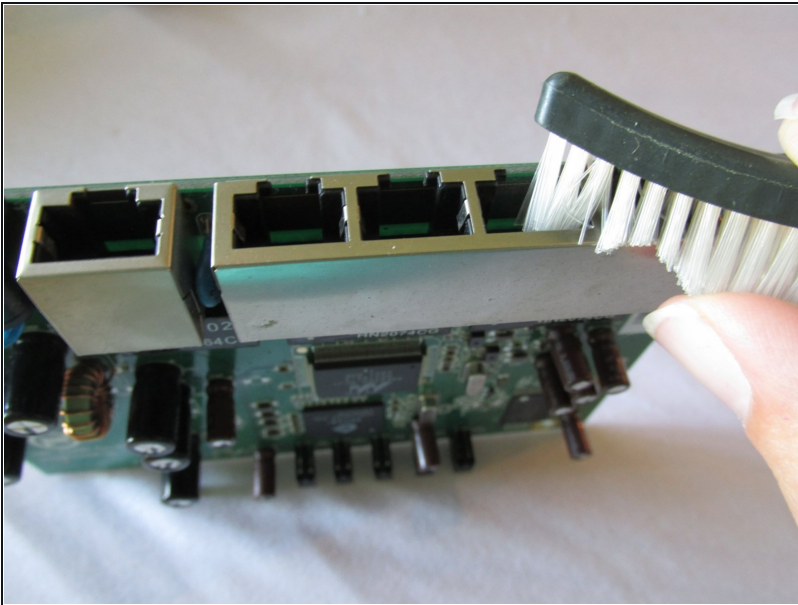## Step 13 — Wipe The Outer Cases

- Fully wipe the top and bottom cases of the router.

- ⓘ Dust easily gets stuck in these areas, especially the bottom case.
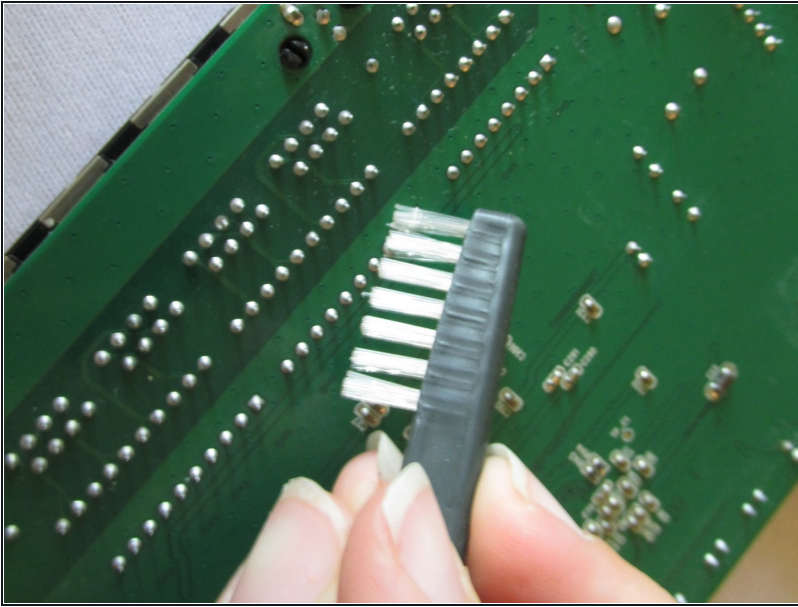
Step 14 — Wiping The Cable Compartments

- Wipe the cable connector compartments using the same soft cloth.

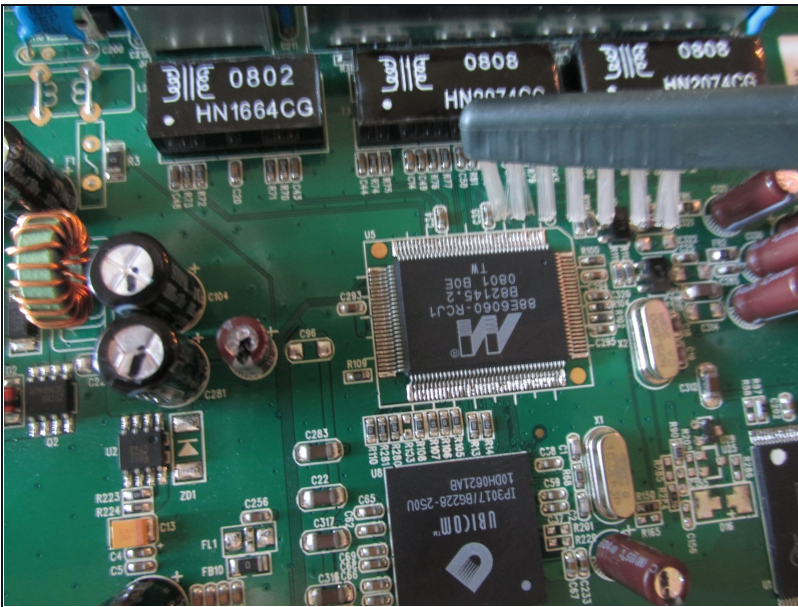## Step 15 — Deep Cleaning of Cable Compartments

- Using a soft bristle toothbrush, brush the insides of the cable connectors in order to remove any hard-to-reach dust.

Step 16 — Brush the Logic Board

- Using the same toothbrush, brush the tiny crevices on the back side of the motherboard.

Step 17 — Continue Brushing the Logic Board

- After you have thoroughly brushed the back side of the motherboard, begin to do the same with the front side.

- You have now cleaned the inside of your router. Ventilation and performance should be excellent.

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