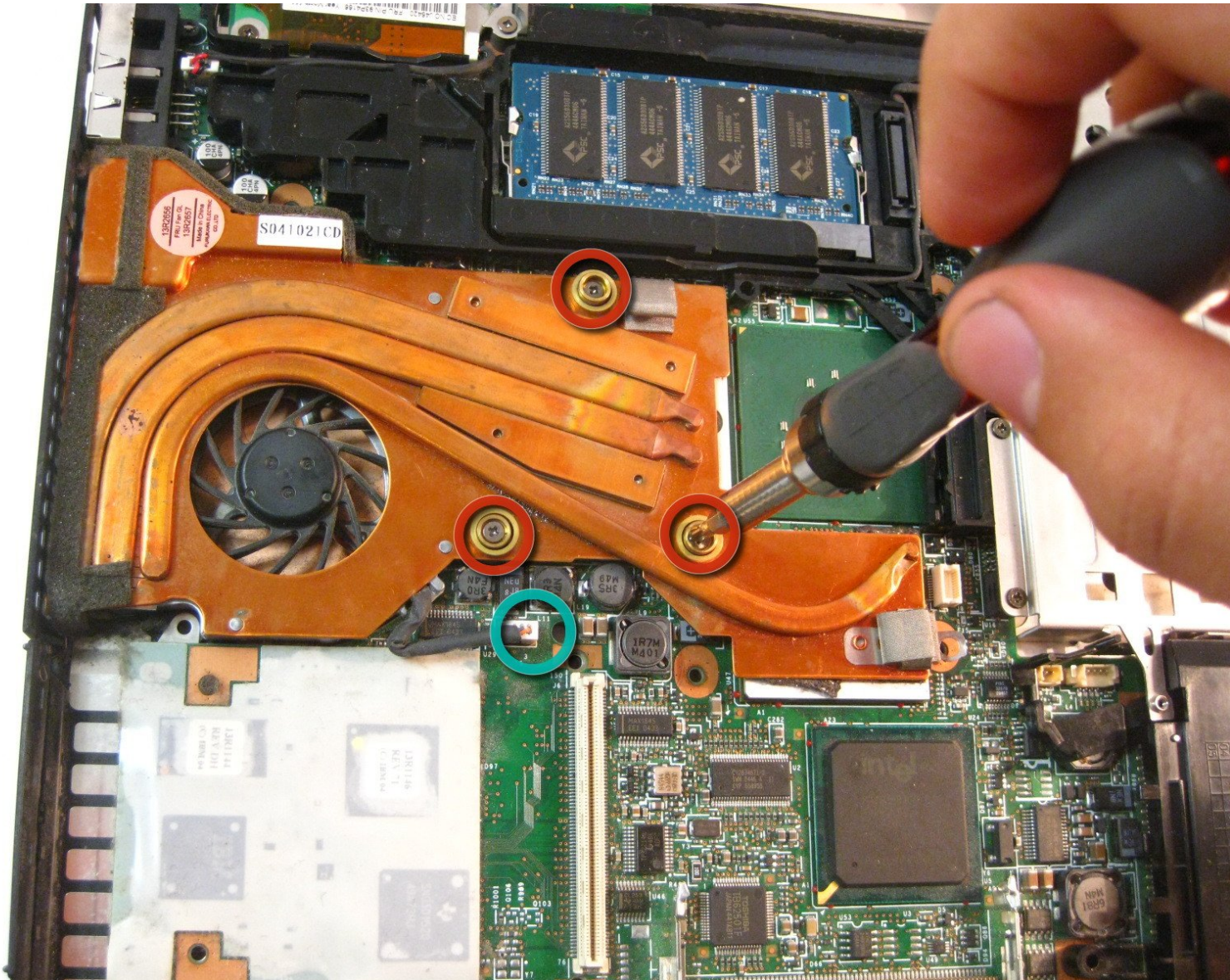




# IBM ThinkPad T42 Fan Replacement

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# INTRODUCTION

Replacing the fan.



## TOOLS:

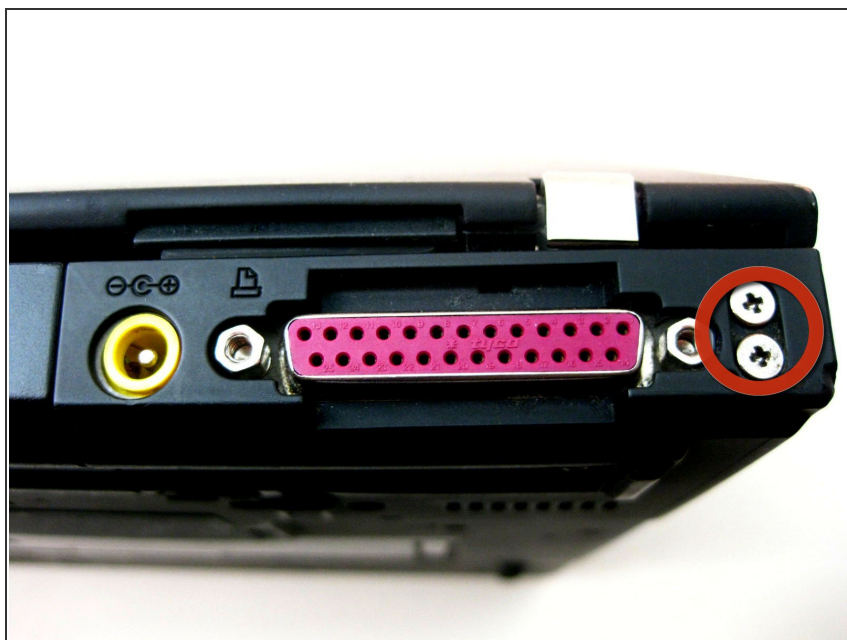
- [Phillips #0 Screwdriver](#) (1)
  - [Spudger](#) (1)
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## Step 1 — Bottom Cover



- Unscrew the 20 Phillips screws on the underside of the T42.
- ⓘ For ease of reassembly, keep your screws organized.

## Step 2 — Rear Screws



- Unscrew the 2 Phillips screws on both sides of the T42's rear.

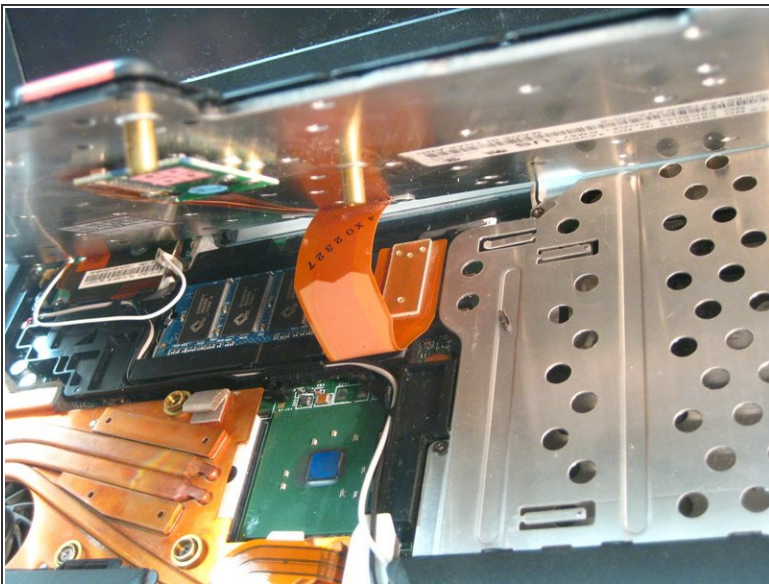


### Step 3 — Keyboard/Trackpad Removal



- Flip the laptop over and open the screen.
- ⚠ The bezel and keyboard will be loose, be careful.

### Step 4 — Disconnecting Ribbon Cables



- Carefully maneuver the palm rest away from the keyboard, as both the keyboard and palm rest/trackpad will come off together.
- ⚠ Remember, both the keyboard and trackpad have connectors to the motherboard. Disconnect these before completely removing either component.

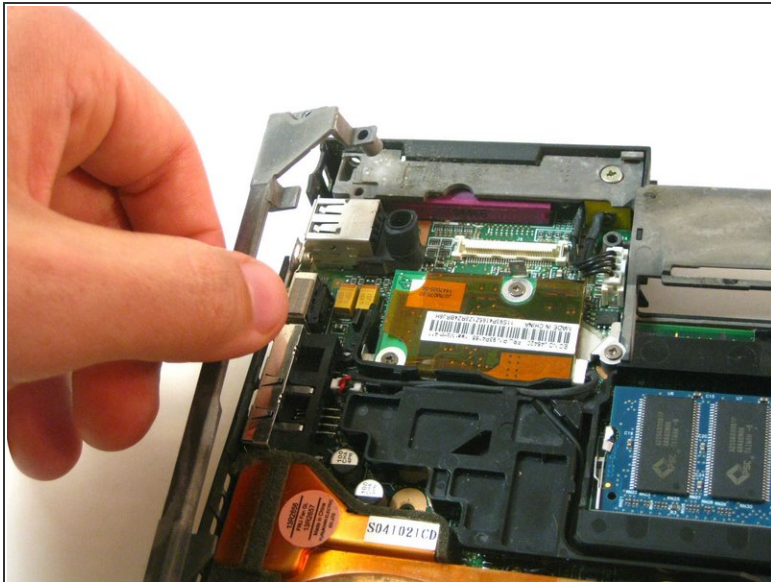


## Step 5 — Plastic Edge Cover



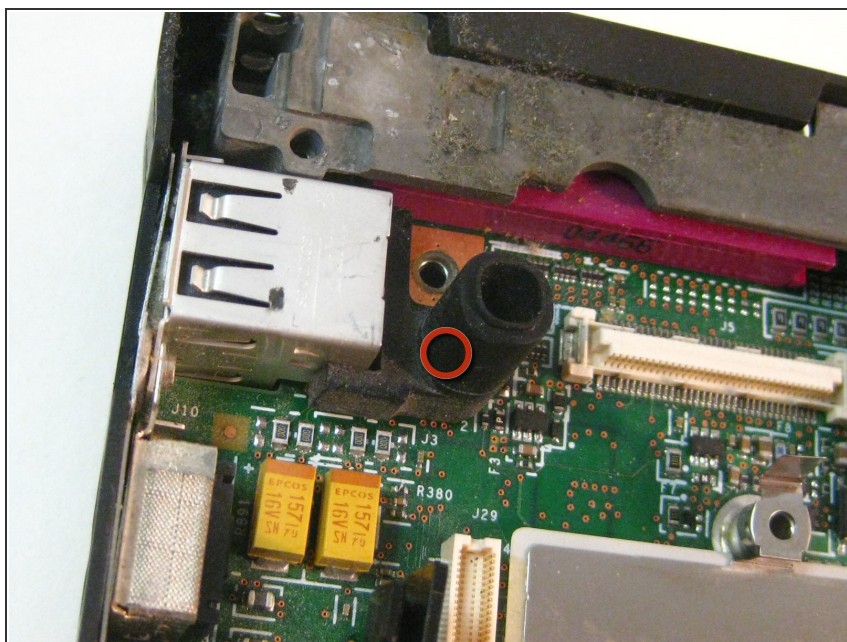
- Starting from the bottom right, carefully remove off the bezel. Use a spudger or flat head screwdriver if needed.

## Step 6 — Lower Bracket Removal



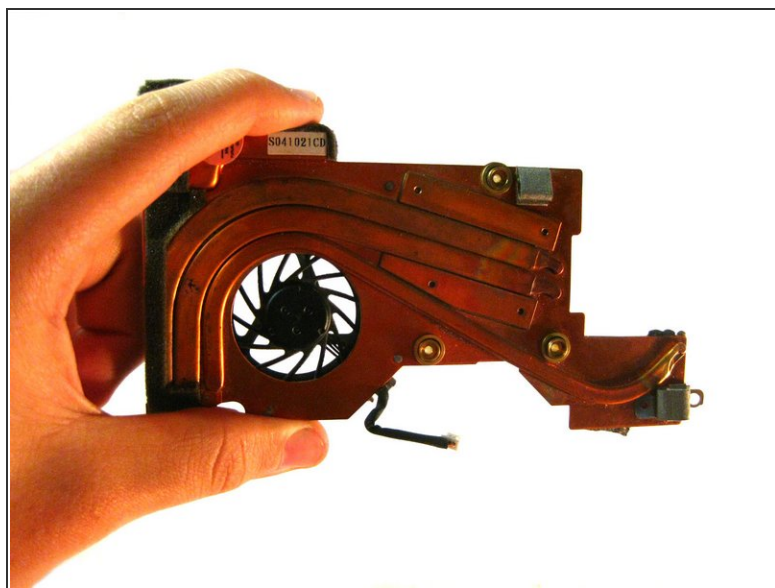
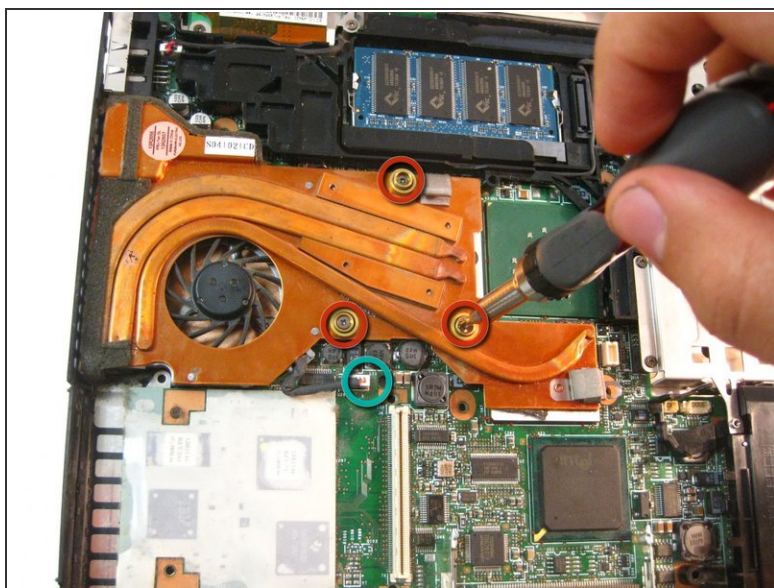
- The metal bracket will now be free to move, grasp it and remove it from the device.

## Step 7 — Remove the Microphone Cover



- Remove the small rubber piece that is covering the T42's microphone,

## Step 8 — Fan Removal



- Unscrew the 3 screws on the copper heatsink.
- Now, unplug the connection to the motherboard..
- ☑ Due to the nature of old thermal paste, it might take some force to remove the heatsink.

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