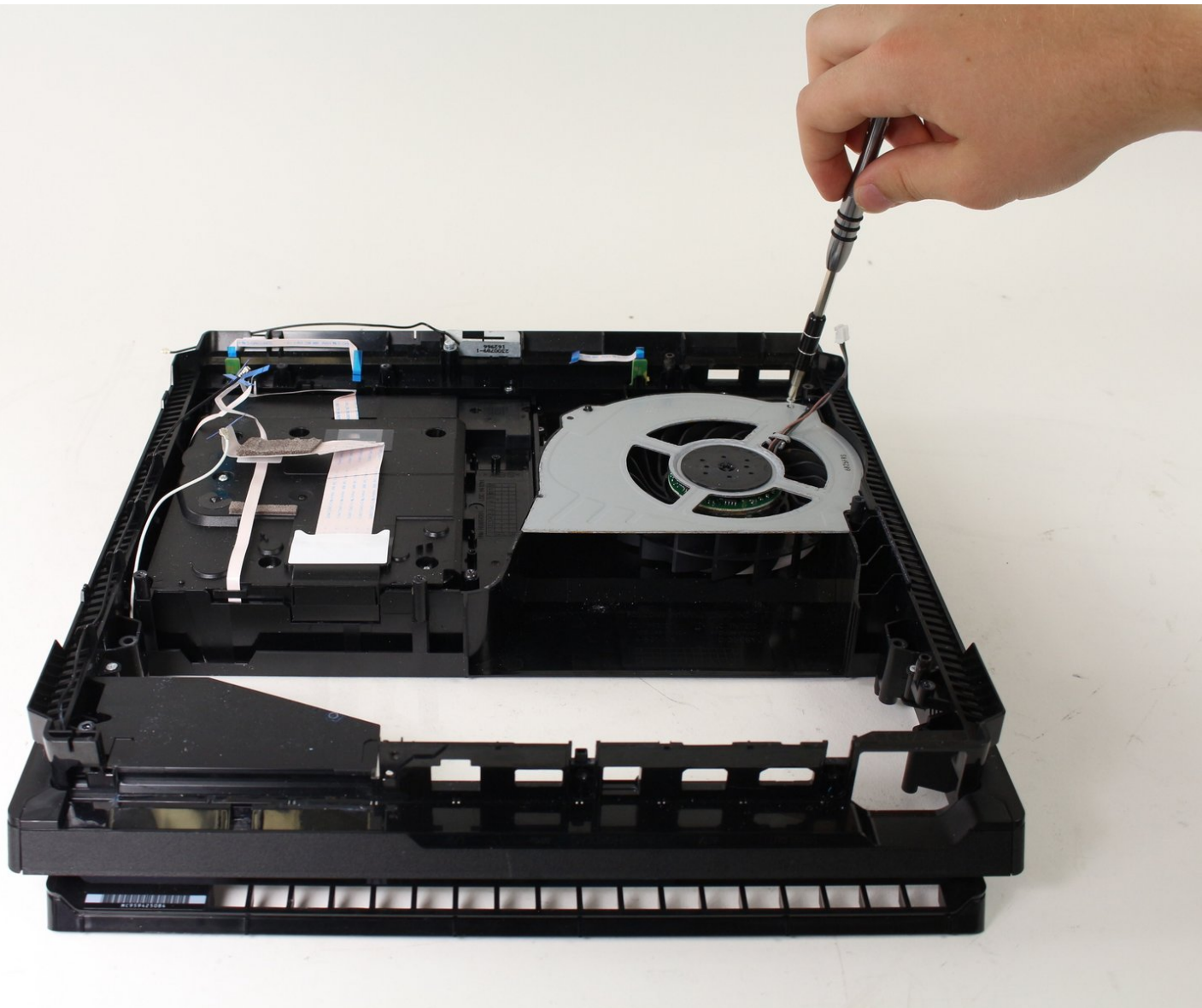# PlayStation 4 Pro Fan Replacement

This guide will show you how to remove the fan from your Playstation 4 Pro.

Written By: Thomas

INTRODUCTION

This guide will show the steps necessary to remove the fan from the PlayStation 4 Pro. There are many steps necessary to complete this, as well as some warranty-voiding disassembly required. A majority of the PS4 Pro needs to be disassembled to remove the fan.

🔧 TOOLS:

- T8 Torx Security Bit Screwdriver (1)
- Phillips #1 Screwdriver (1)
- iFixit Opening Tools (1)
- Phillips #0 Screwdriver (1)

⚙ PARTS:

- PlayStation 4 Pro Fan (1)

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Step 1 — Hard Drive Caddy

- Flip the console upside down.

- Use your finger to pull and snap off the plastic cover over the hard drive.

Step 2

- Use a Phillips #0 Screwdriver to remove the single screw securing the hard drive caddy.

- Pull the hard drive caddy straight out.

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Step 3 — Power Supply Assembly

- Flip the console right side up.

- Grip the two corners located at the front of the device.

- Pull upwards until a loud click is heard.

- ⓘ This may require a lot of force, so do not be afraid to get a little rough with your console.

- After both corners detach, slide the cover backwards and lift off.

Step 4

- Use a T8 Torx Security screwdriver to remove five screws from the rear of the device.

  - Two 31mm screws.

  - Three 10mm screws.

- Remove the metal plate by pulling it up.

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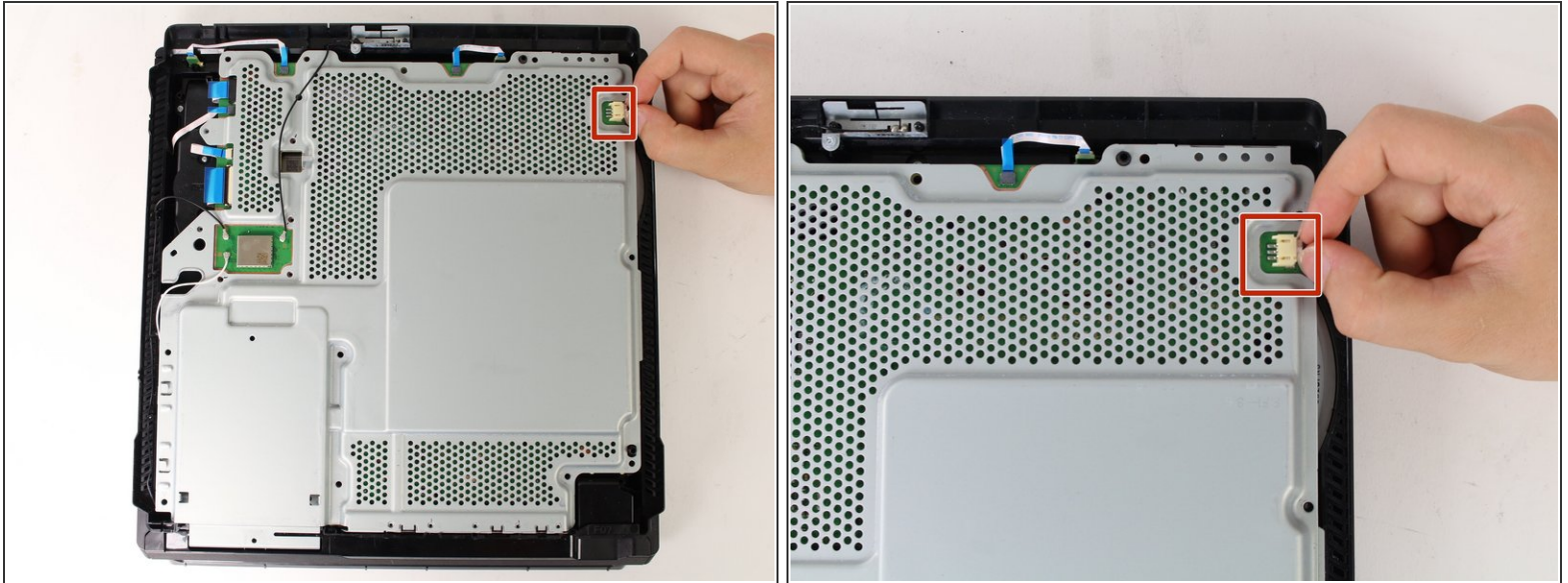
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Step 5

- Flip the console over so the bottom is facing up.

- Use a T8 Torx Security screwdriver to remove the three black 7mm screws in the back panel.

- Remove the bottom cover in the same way as the top cover. Grip the cover on both sides and pull up until it clicks. Then slide the cover off.
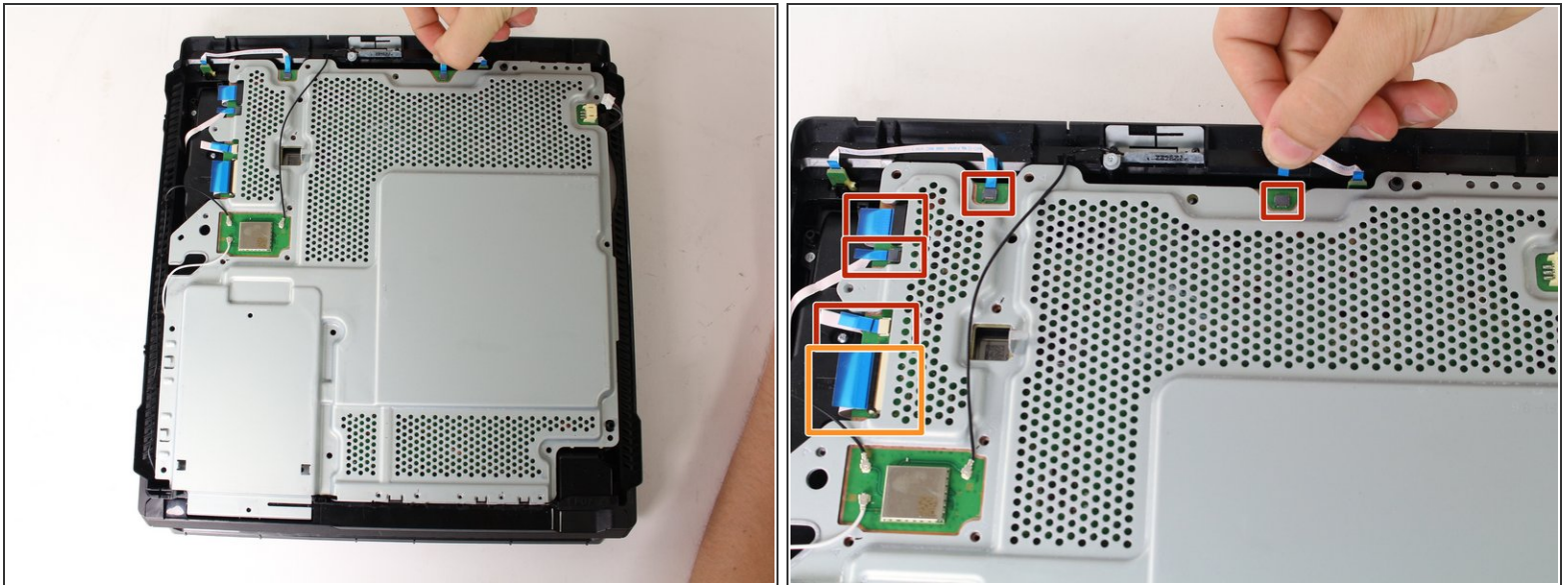
Step 6

- Use a T8 Torx security screwdriver to remove the eleven 10mm silver screws from the metal plate.

- Use a Phillips #1 screwdriver to remove the eleven 4mm black screws from the metal plate.

- Use a spudger to disconnect the three antenna cables (two black and one white) by prying them straight up from their sockets.
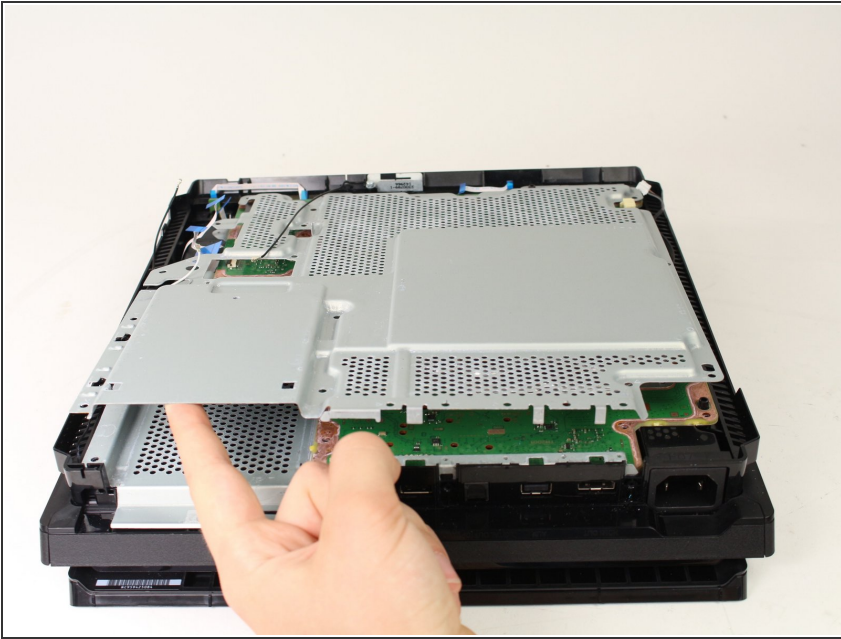
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Step 7

- Pull the white fan connector straight out of the yellow mount on the motherboard.

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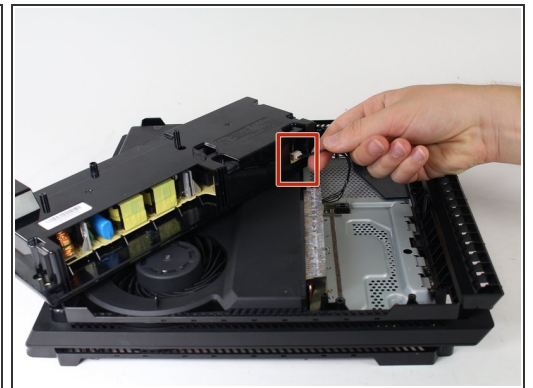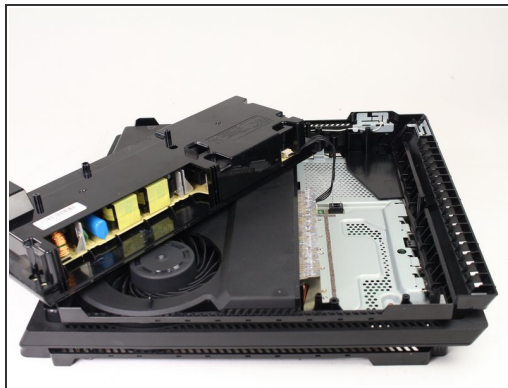
Step 8

- Pull out the five small, blue low profile cables connected to the metal plate.

- Lift the retaining flap on the ZIF connector of the large ribbon cable.

- Pull the large ribbon cable from its socket.

⚠ Do not pull on the biggest blue cable without lifting the tab first. Doing so can damage the connection.
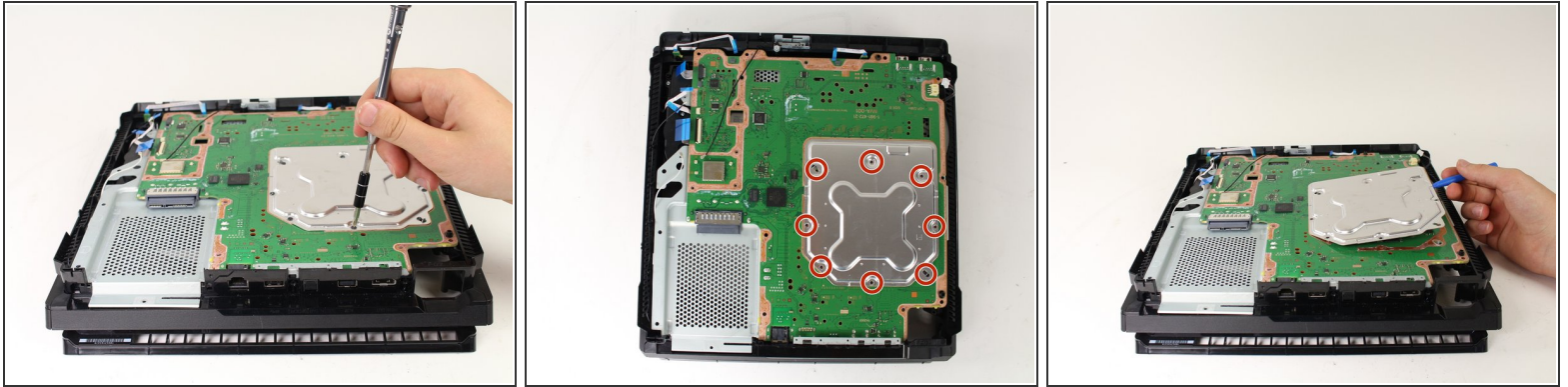
Step 9

- Pull up and remove the metal plate.

Step 10

- Flip the console over to continue working on the top side.

- Pull up on the power supply unit and set it on the console.

⚠️ Be careful not to pull too far, the assembly is still connected at one point.

- Grip the connector behind the power supply and pull straight out.

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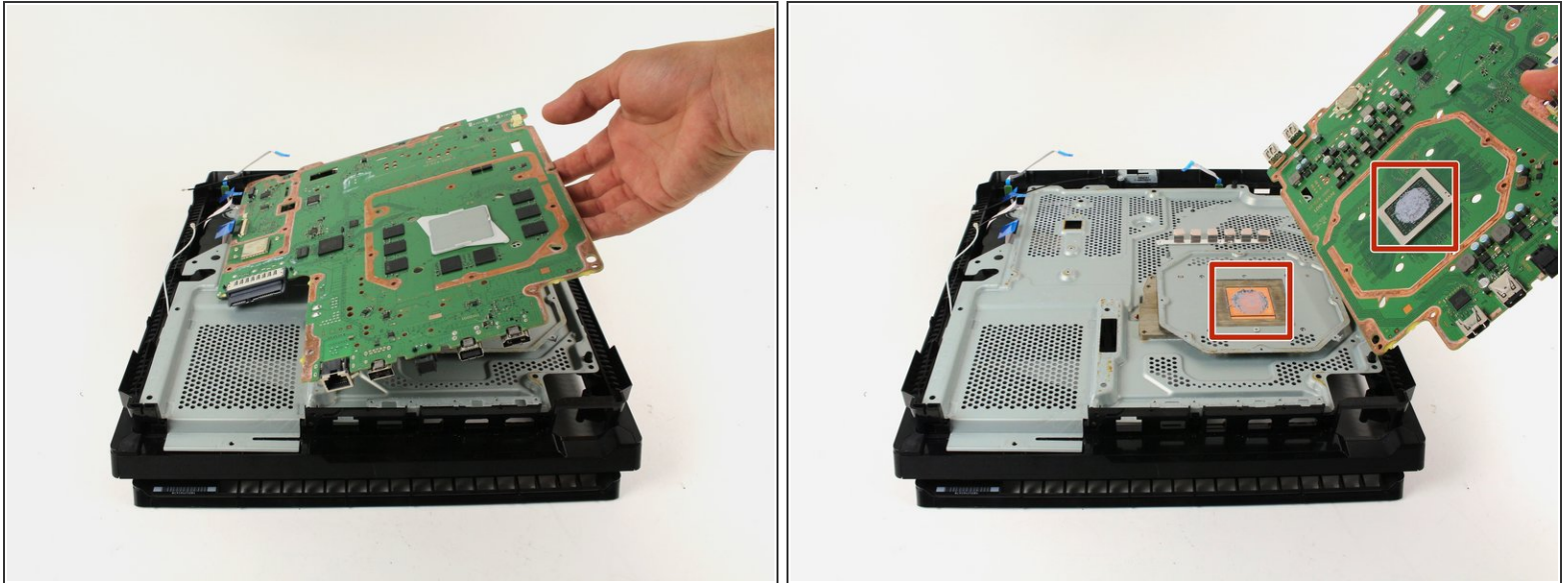
Step 11 — Motherboard

- Carefully flip the console over so the bottom is facing up.

- Use a Phillips #1 screwdriver to remove the eight 4mm screws on the metal plate with the X-like symbol.

- Use a plastic opening tool to remove the metal plate with the X-like shape.
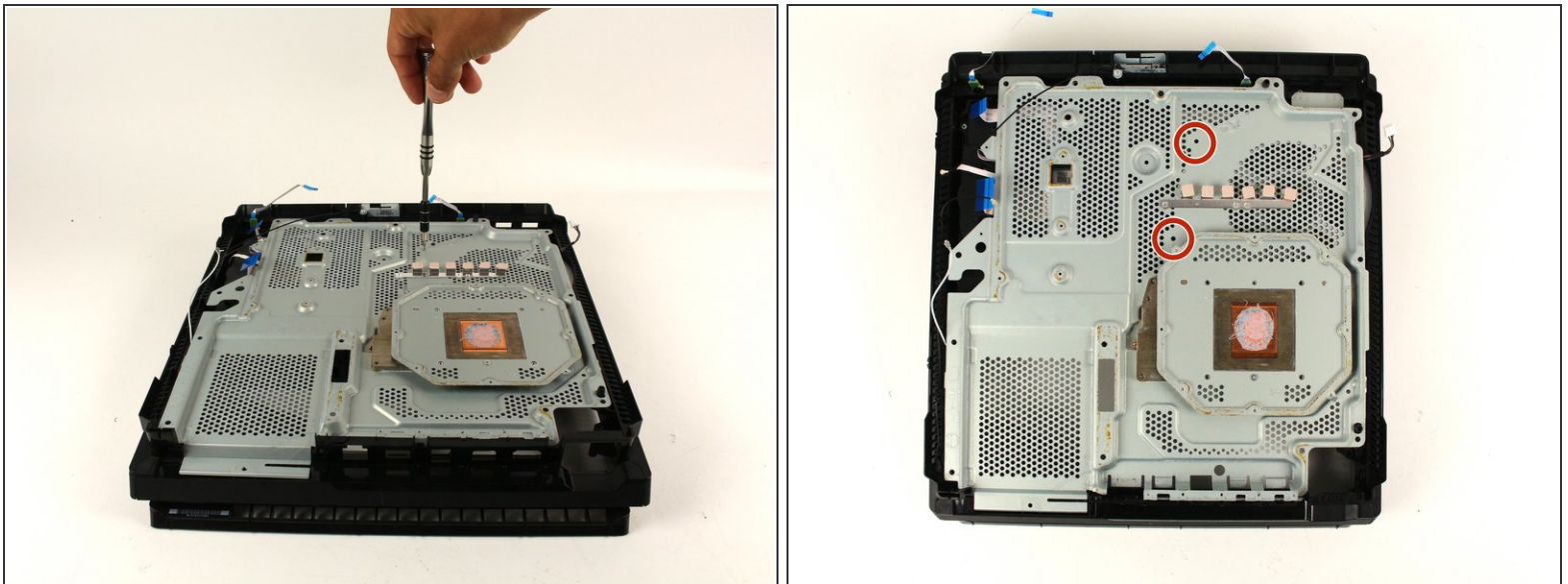
Step 12

- Use a Phillips #1 screwdriver to remove the four 13mm screws on the X-shaped metal plate underneath.

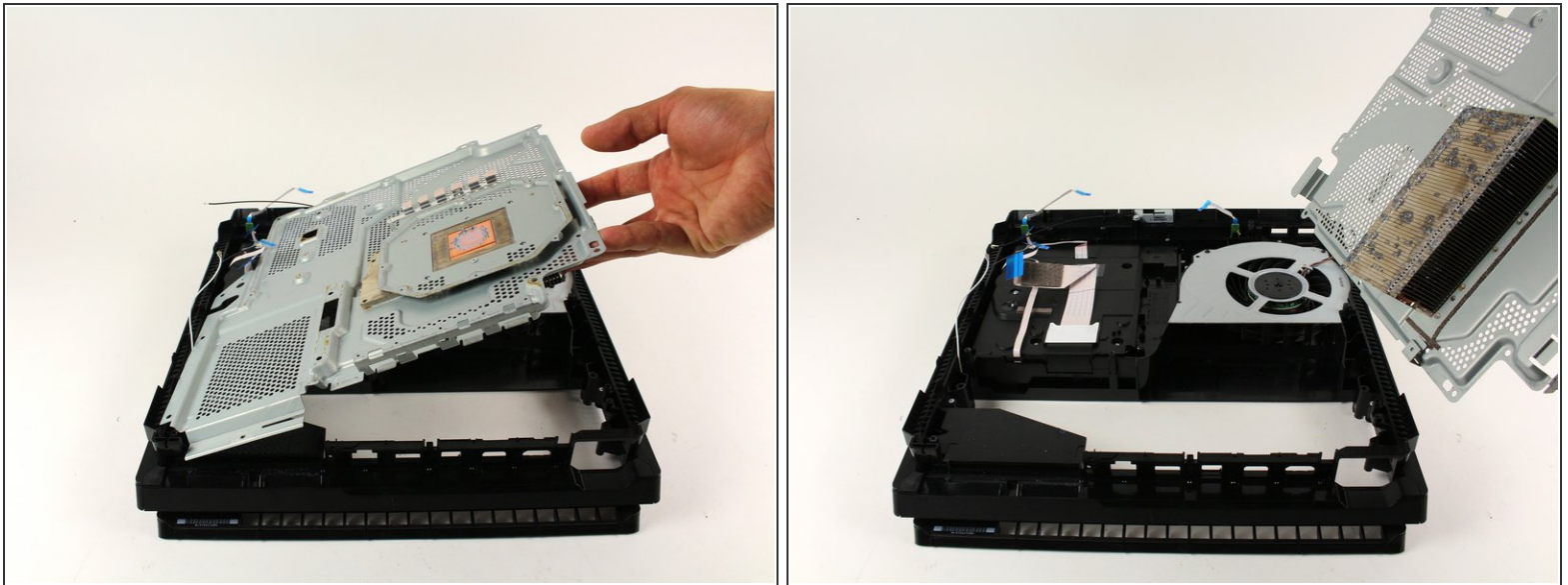- Grip the X-shaped retaining bracket and lift straight up.

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Step 13

- Grip the edge of the motherboard and slowly lift upwards to remove it from the device.

- ⭐ For reassembly, use this guide to reapply thermal paste between the motherboard and the metal plate underneath.
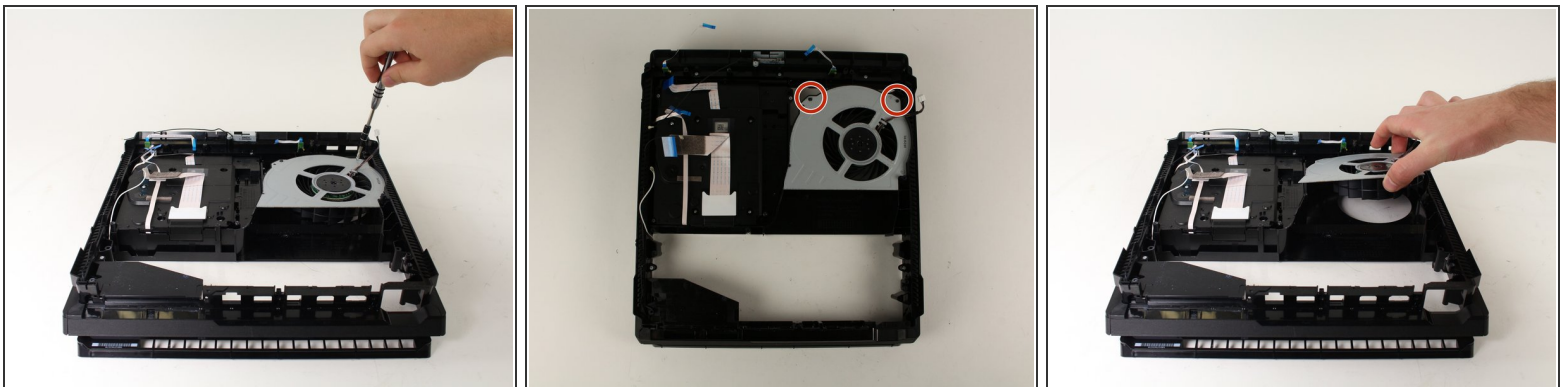
Step 14 — Heat Pipe

- Use a Phillips #0 screwdriver to remove the two 6 mm silver screws from the metal plate.

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Step 15

- Lift the metal plate that is connected to the heat pipe straight up to remove it.

Step 16 — Fan

- Use a Phillips #0 screwdriver to remove the two 6mm screws on the fan.

- Grab the fan and lift up to remove it.

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

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