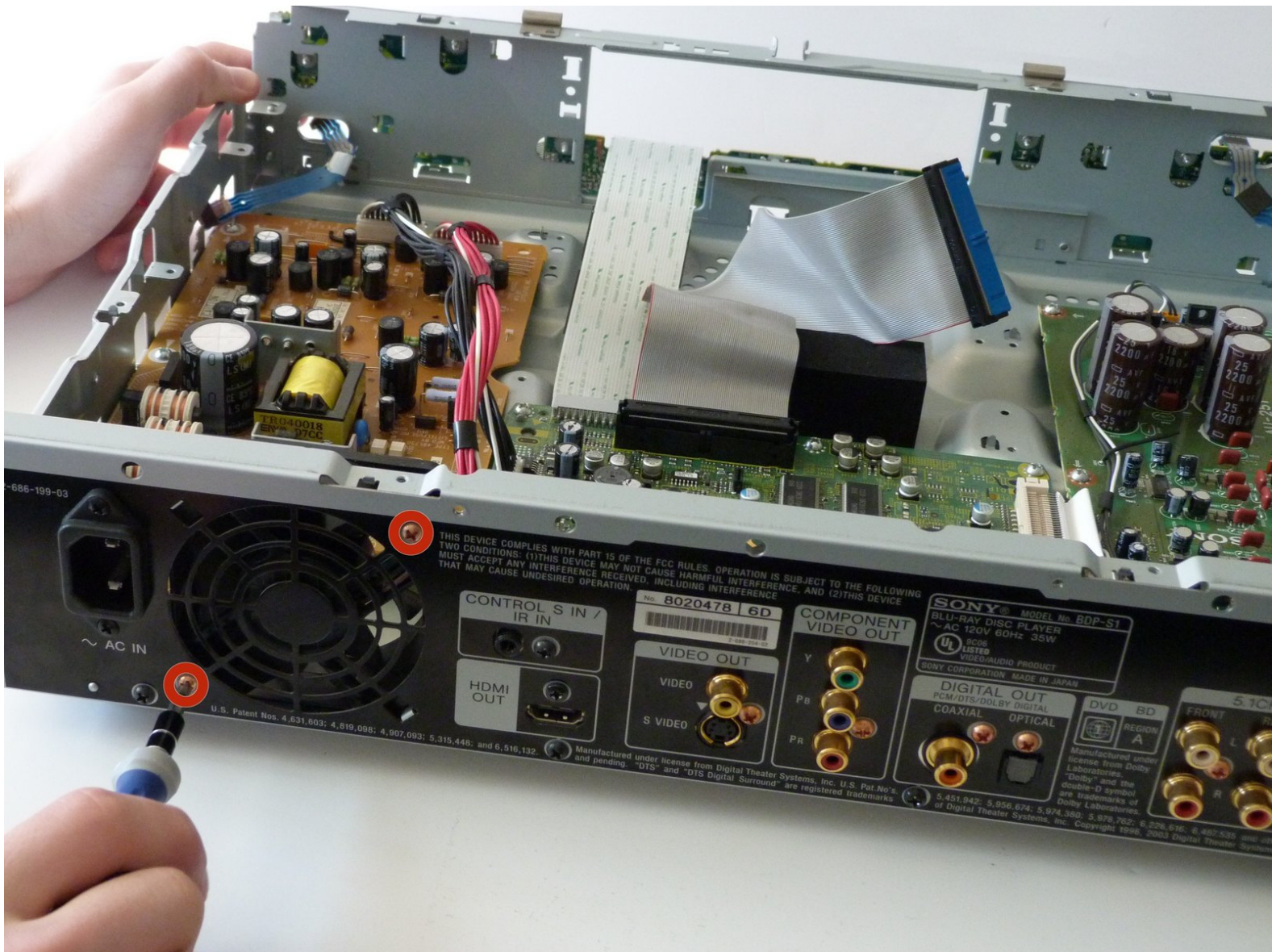# Sony BDP-S1 Fan Replacement

A broken fan can cause your player to overheat. Follow this guide to replace your broken fan.

Written By: Nicolas Kennedy

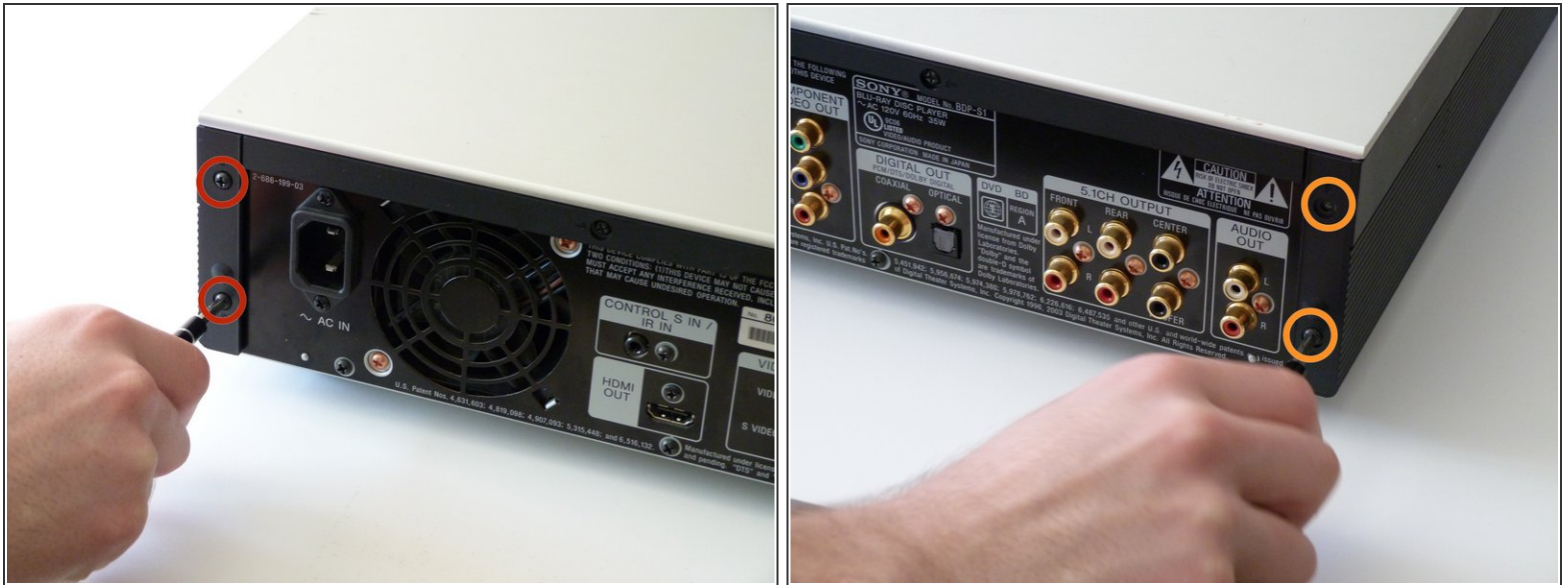This document was generated on 2019-09-16 03:02:21 PM (MST).

INTRODUCTION

If you are having issues with overheating it is most likely being caused by a faulty fan. In this guide we will open the player up by removing the connecting screws and then removed the faulty fan so it can be replaced for a new one.
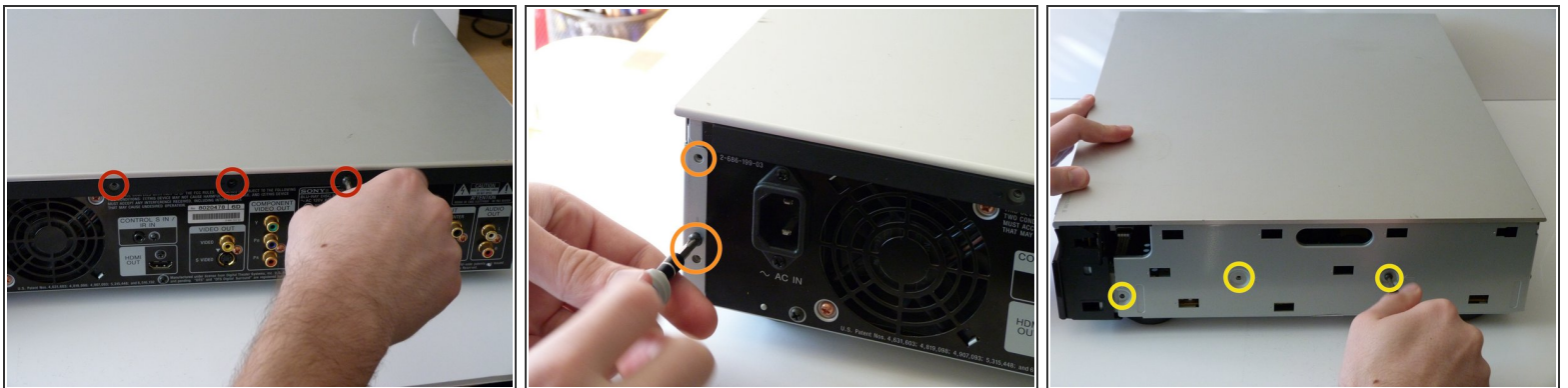
🔧 TOOLS:

- Phillips #2 Screwdriver (1)

Step 1 — Sony BDP-S1: Getting inside the device

- Remove the 12mm screws with the Philips #2 screwdriver which keep the plastic panels in place.

- Don't forget, there are two more 12mm screws on the other side as well.
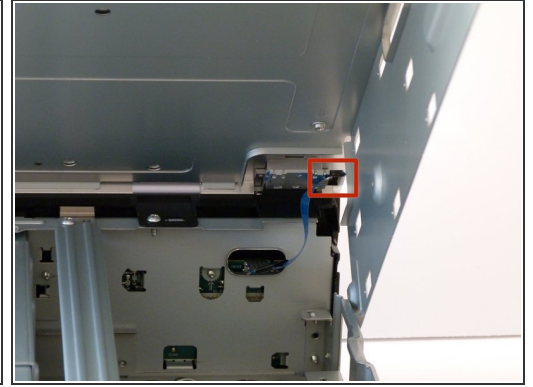
Step 2

- First, remove the three 12mm black screws holding the top panel on (Phillips #2).

- Then, remove the two 12mm black screws - one on each side of the back of the device - holding the top panel on.

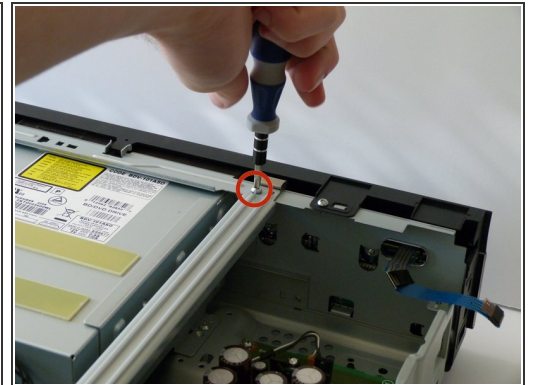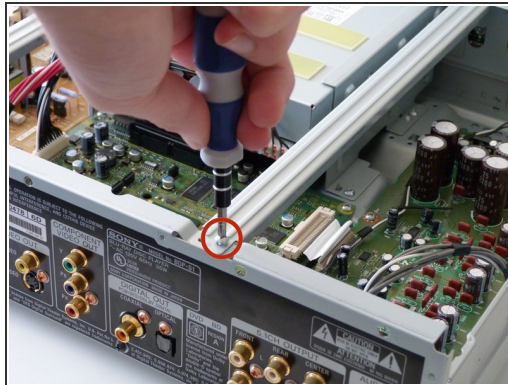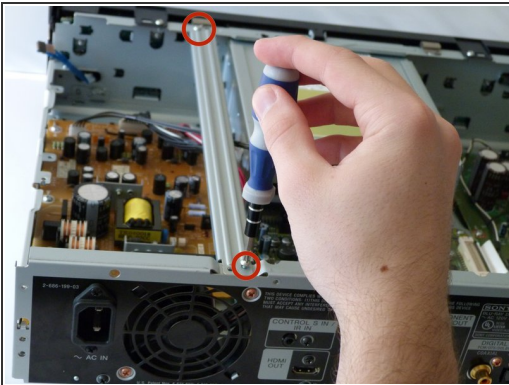- Lastly, remove the three 12mm black screws on each side of device.

Step 3

⚠️ Carefully lift up the top panel, because there are two blue ribbon cables that must be disconnected before removing the panel, and we do NOT want them to break.
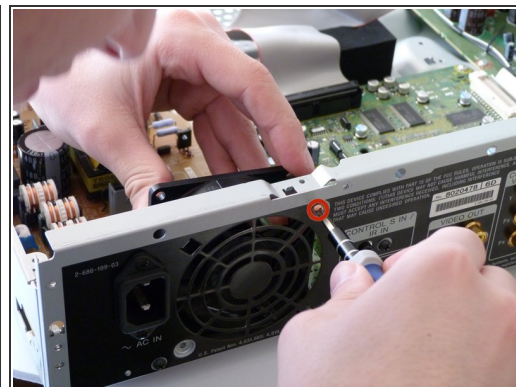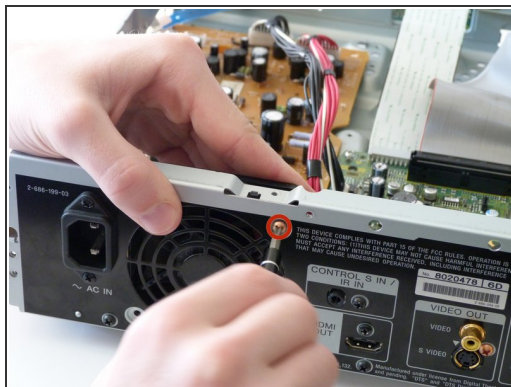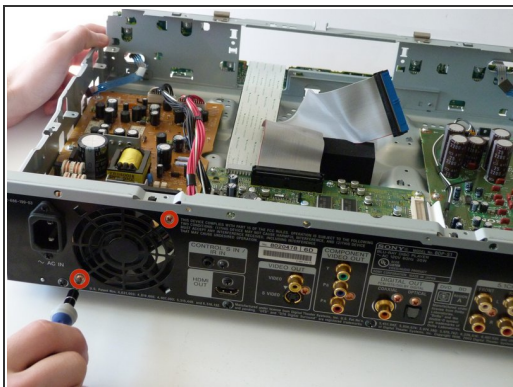
● After gently disconnecting the two ribbon cables (you can just pull them out with your hand), take the top off and set it to the side.
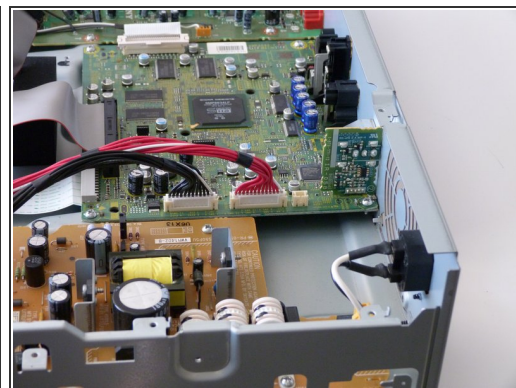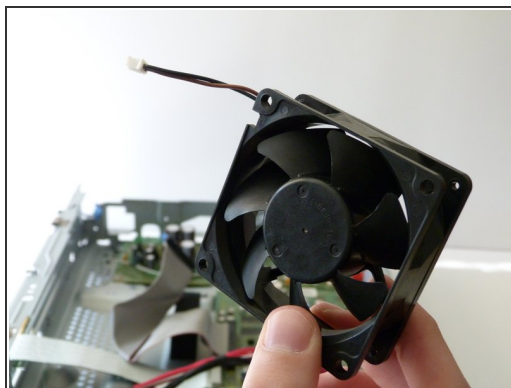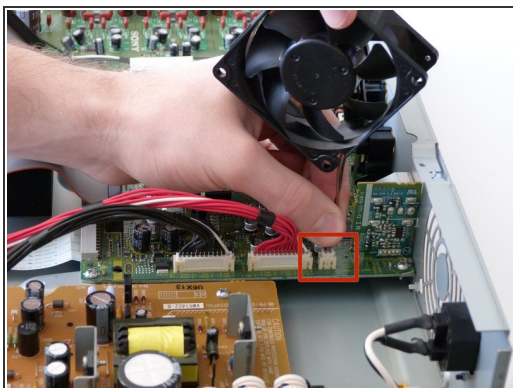
Step 4

● After the top is off, you'll see that there are two metal bars that go across the top of the device.

● Remove each bar by unscrewing the two 10mm silver screws on each end.

Step 5 — Fan

- First we need to unscrew the fan from before we can remove it.

- Remove both copper colored 10mm screws with a #2 phillips screwdriver.

- As you remove the second screw, pull the fan inward to remove it from the remainder of the case. It should now only be connected to the case through a cable attached to the circuit board.

- ⓘ The disk drive is removed in the pictures, however this is not necessary to replace the fan and can be ignored.

Step 6

- We will now completely remove the fan from the player.

- Carefully detach the cable from the fan to the circuit board by pulling on the cable connecting the fan to the circuit board.

- You are now ready to install the new fan!

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