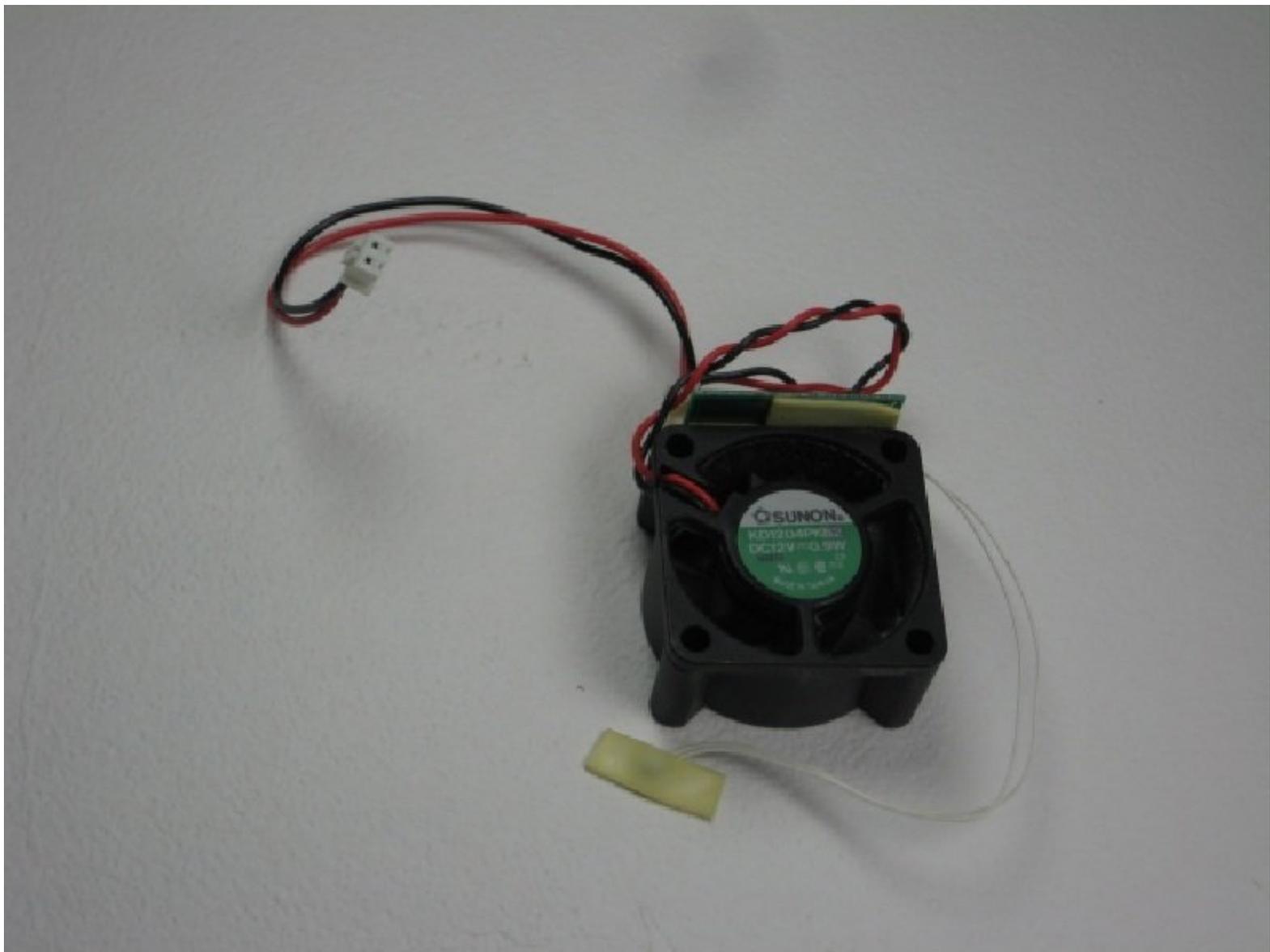




# APS Tech 101629 Exhaust Fan Replacement

This guide will give directions on how to remove the case of the CD-Drive and replace a worn out fan.

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## INTRODUCTION

This repair guide will walk you through the steps to removing and replacing the fan of your APS Tech 101629 CD-Drive. Fans are easily replaced and the process for removing this fan is fairly simple.

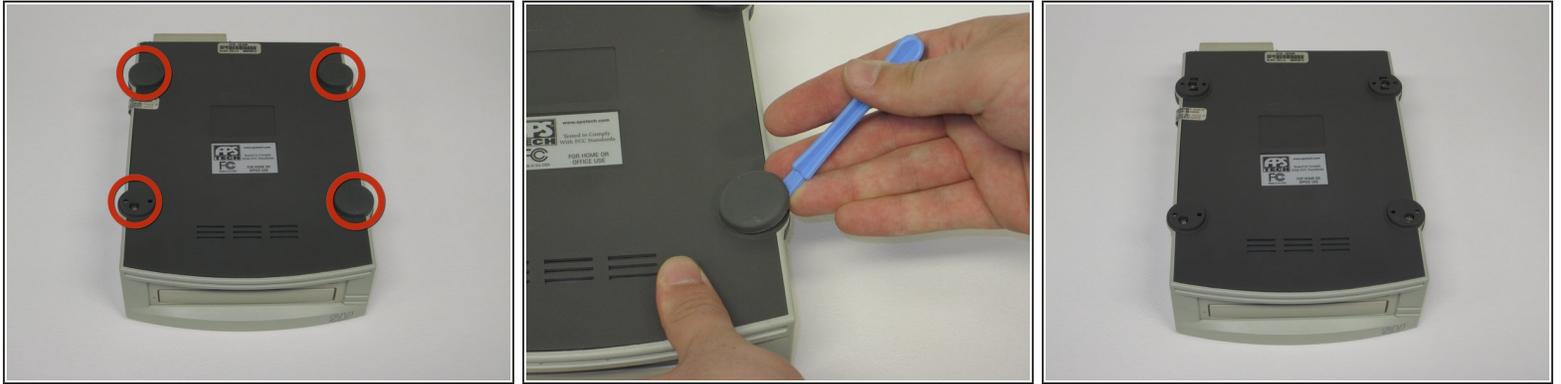
First the casing, channel switch, and power switch will need to be removed.

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### TOOLS:

- [Phillips #1 Screwdriver](#) (1)
  - [Spudger](#) (1)
  - [Tweezers](#) (1)
  - [iFixit Opening Tools](#) (1)
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## Step 1 — External Casing



- Pry all four of the plastic feet off the bottom of the enclosure using the iPod opening tool.

## Step 2



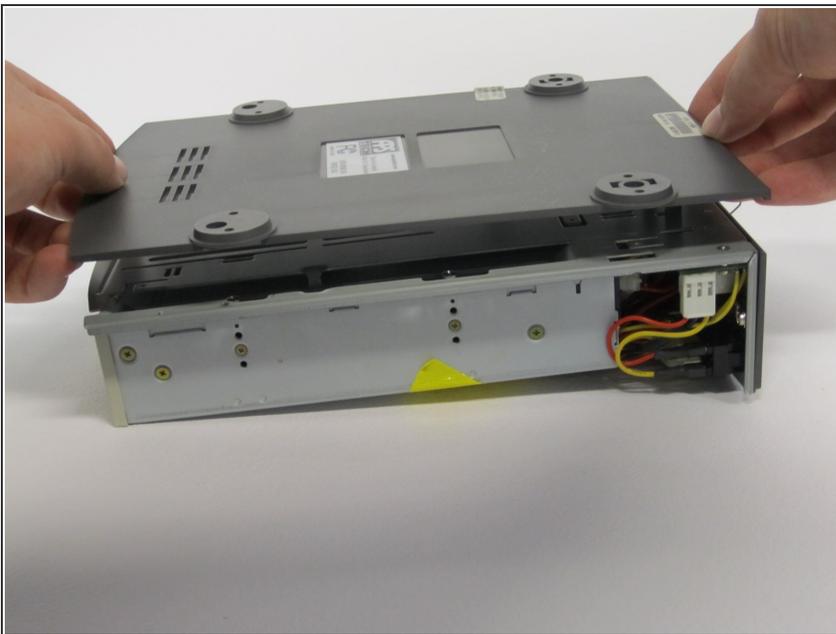
- Unscrew the four screws previously covered by the feet with a Phillips #1 screwdriver.

### Step 3



- Flip the device right side up.
- Gently slide the casing upwards and off the hard drive.

### Step 4



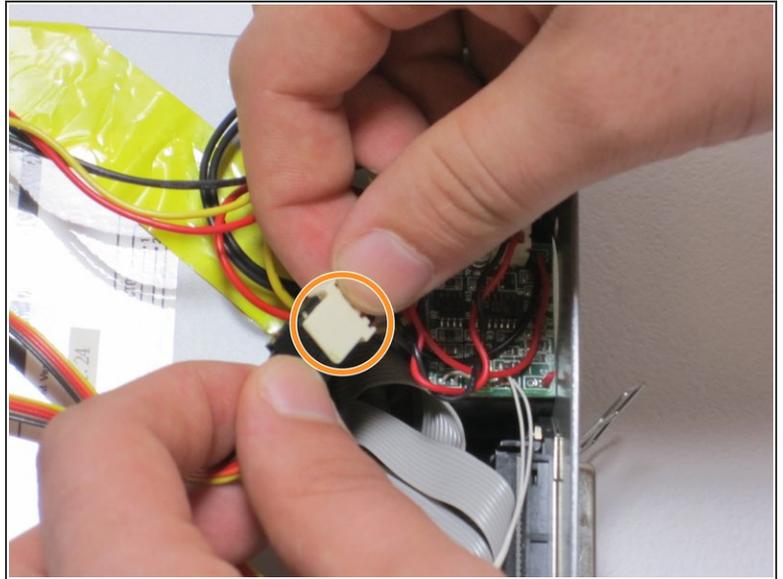
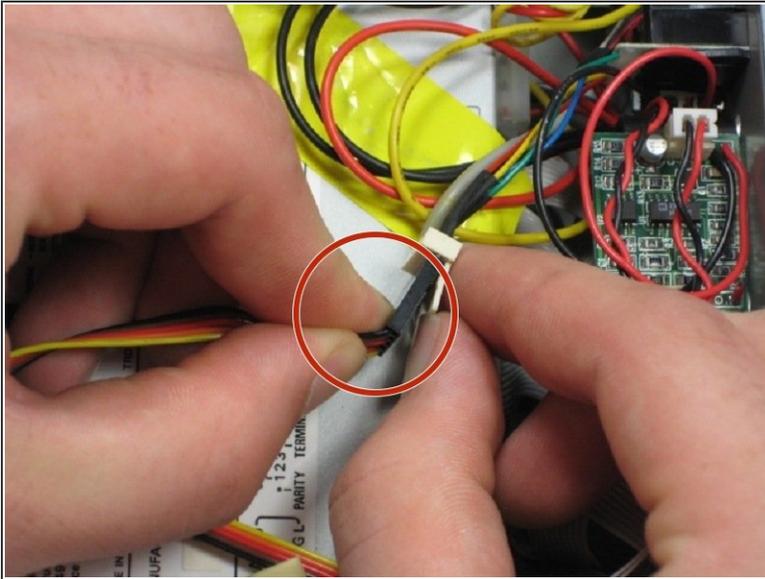
- Flip device upside down again.
- Gently pry the bottom gray casing away from the device.

## Step 5



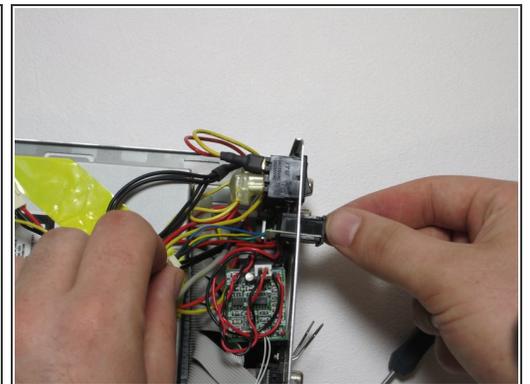
- Rotate so the back of the device is facing you.
- Gently pry the back casing away.
- When the back casing is removed, the fan will become loose.

## Step 6 — Channel Switch



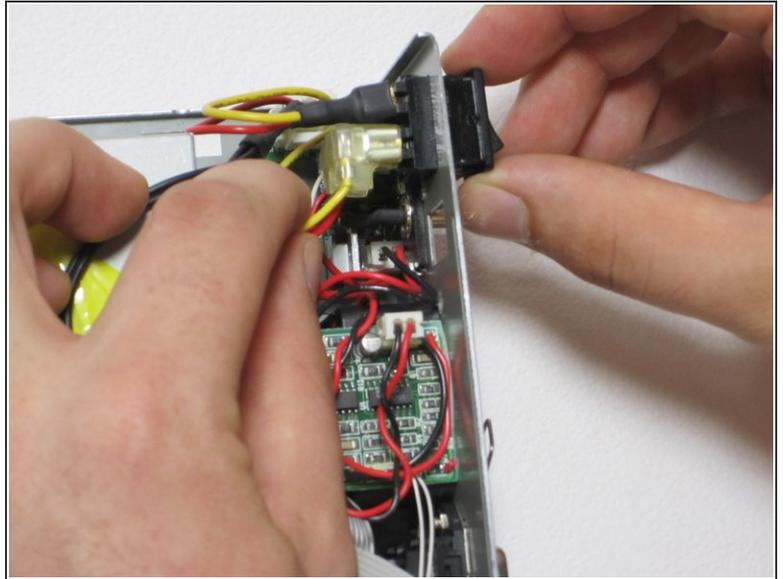
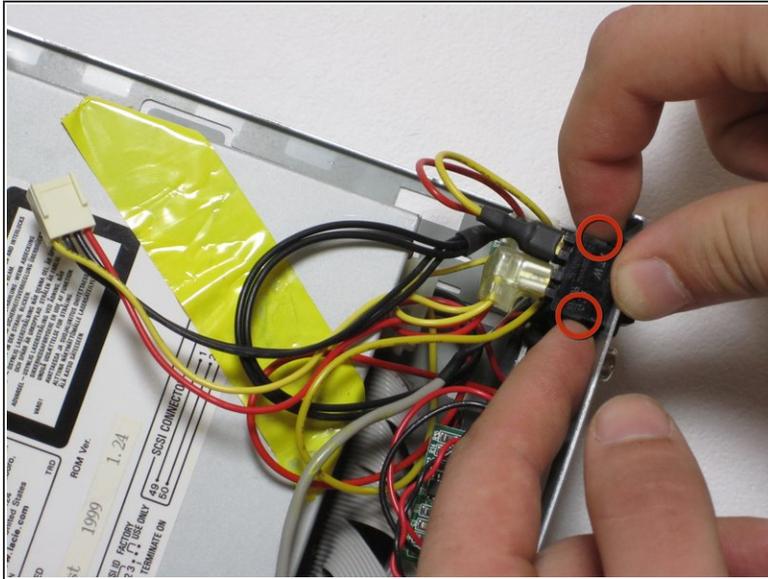
- Find the conjoined ID cable wires that are colored black, orange, and yellow.
- Lift white portion of cable wires to disconnect it.

## Step 7



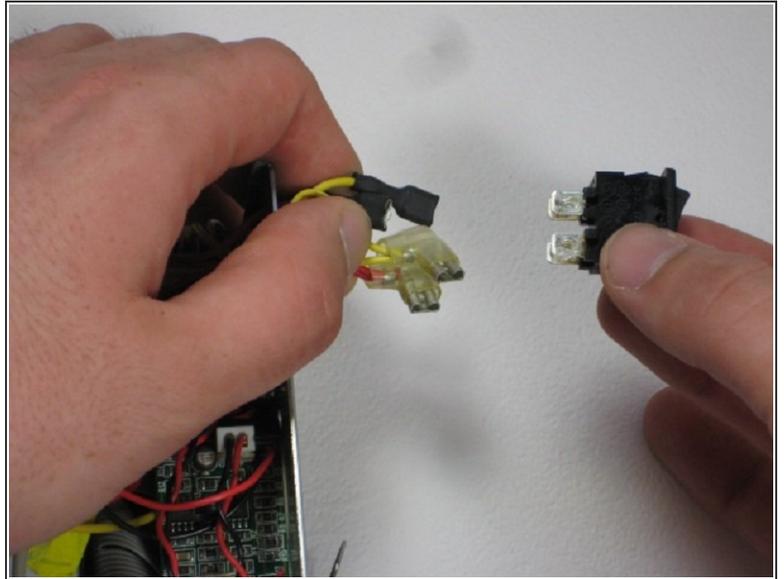
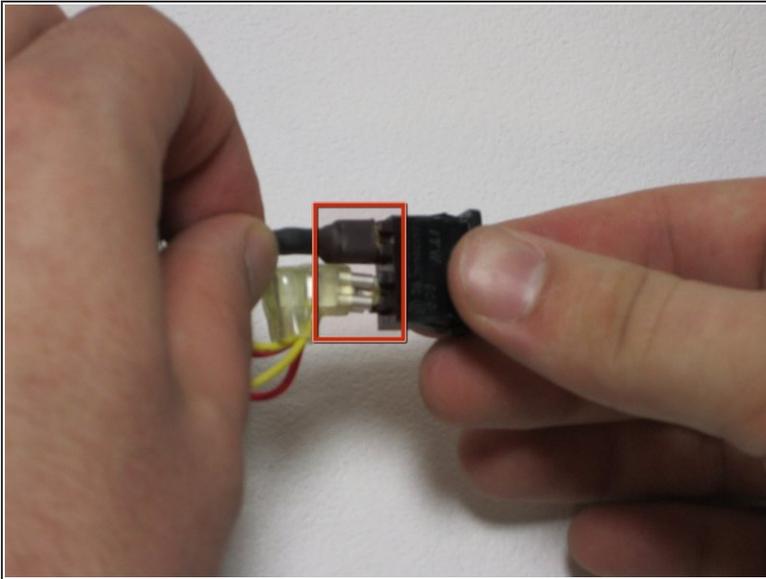
- ⓘ At this point, the fan is loose and can be easily moved but not disconnected.
- Using the spudger, depress the pressure holders at all four corners of the fan.
- Take out the fan and its cords, by pulling it outward from its cavity within the device.

## Step 8 — Power Switch



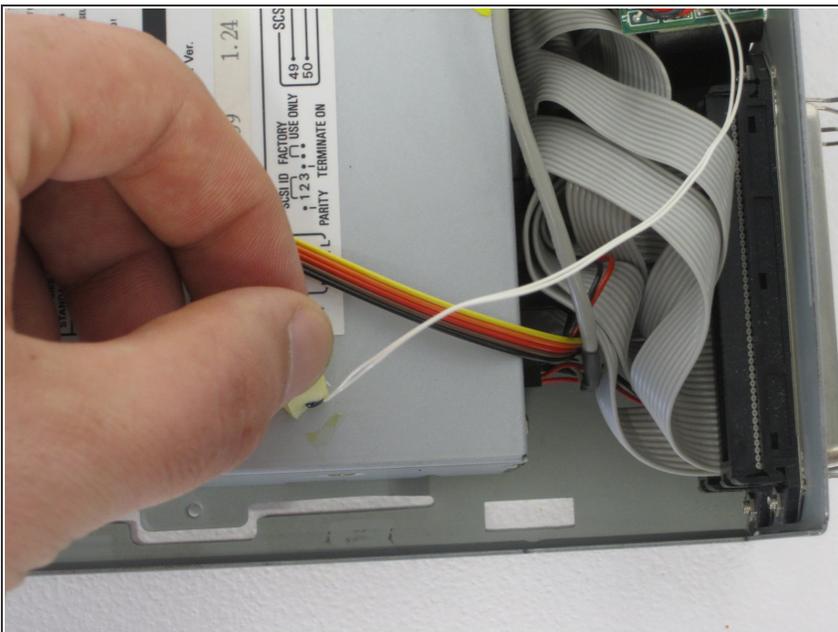
- Depress 2 pressure holds on each side of the power switch.
- Press out the back of the device.

## Step 9



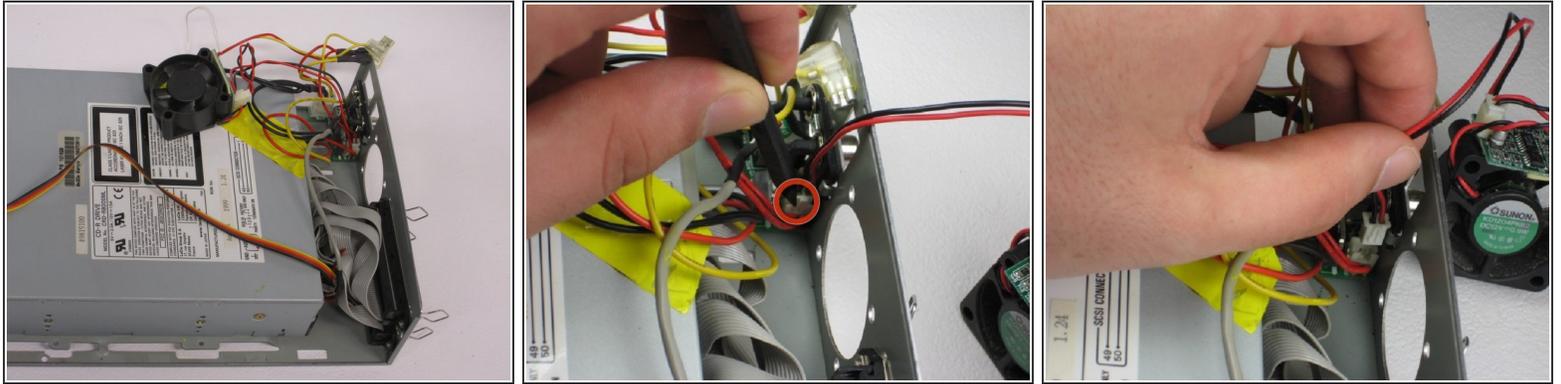
- Remove all four connections from the power switch.
  - Remember that the straight connections are on the far side, while the L-shaped connections are on the near side, and that both yellow connections are on top. This is helpful for reassembly.
- ⓘ These are very hard to get off, use patience and wiggling.

## Step 10 — Exhaust Fan



- Remove temperature gauge.

## Step 11



- Move the exhaust fan out of the way so you can access its control cord.
- Use the spudger to depress the hold on the fan cord.
- Gently pull fan cord from connection and remove fan completely.

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