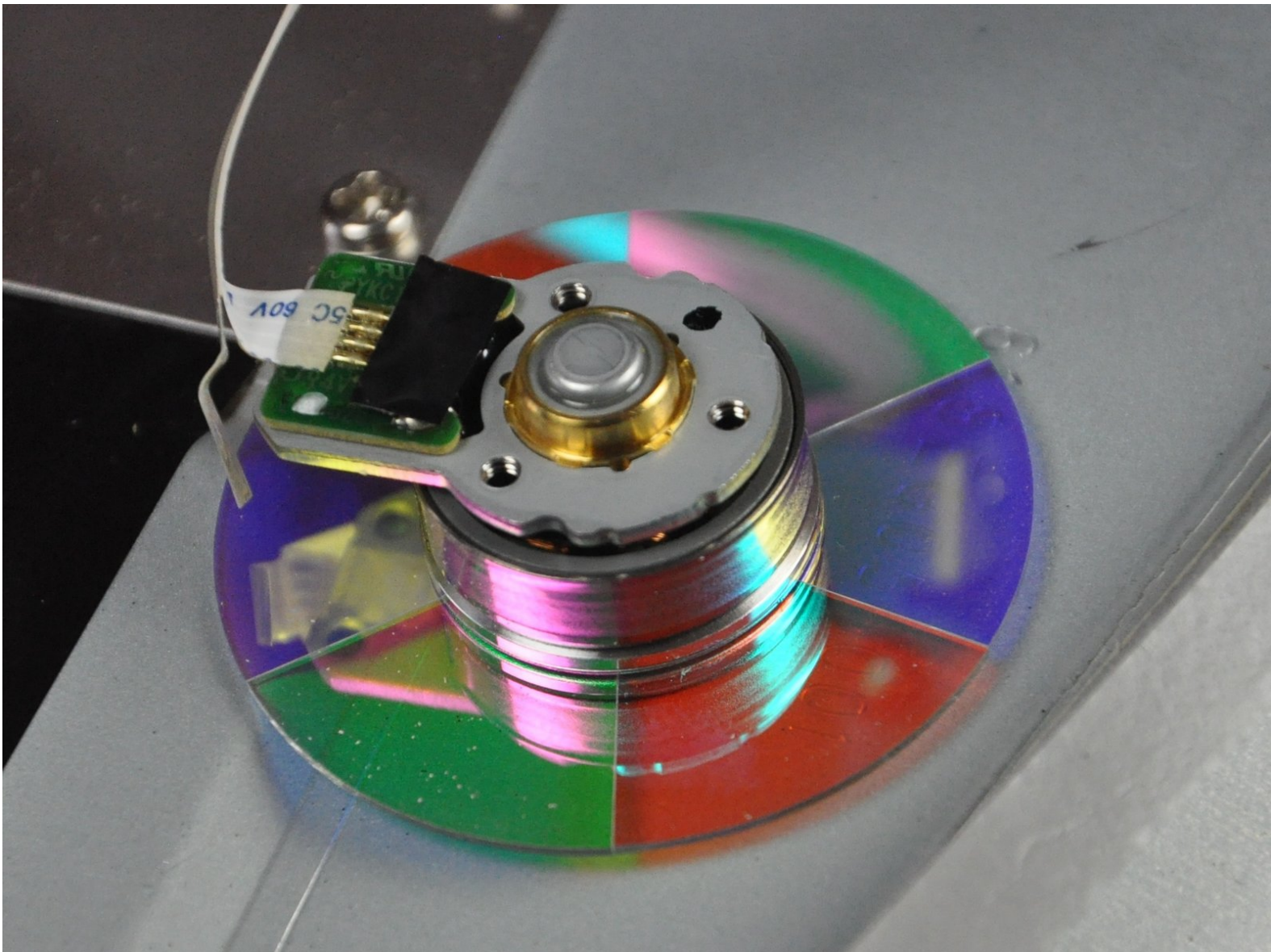# Optoma HD20 Color Wheel Replacement

Device image in black and white? Try replacing the color wheel.

Written By: Trever

INTRODUCTION

Use this guide to remove the color wheel from your Optoma HD20.

TOOLS:

- Phillips #1 Screwdriver (1)
- iFixit Opening Tools (1)

Step 1 — Disassembling Optoma HD20 Cover

- Twist the focal cap clockwise until it is fully extended.

- Remove the focal cap by pulling it straight out.
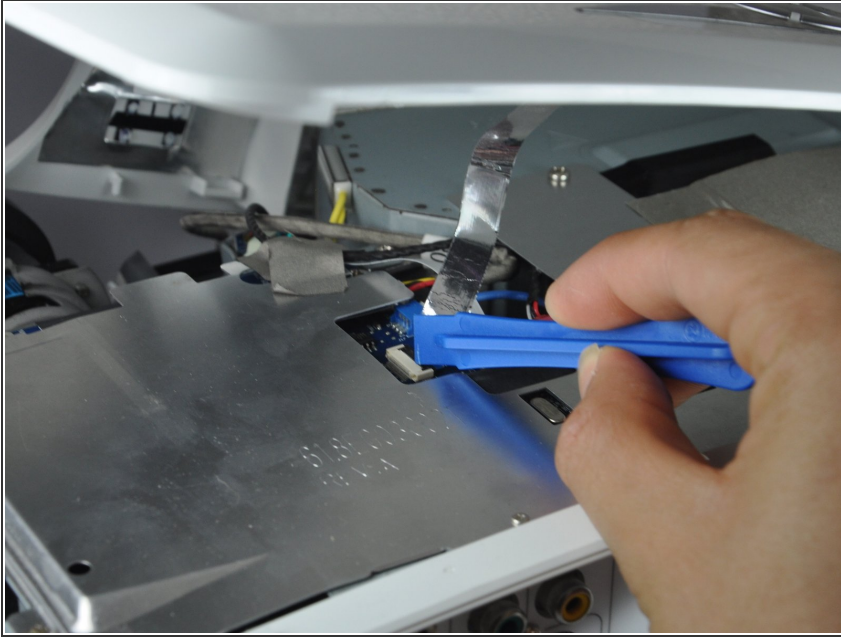
Step 2

- Use a Phillips #1 screwdriver to remove the three 7.5mm screws on the bottom of the device.

Step 3

- Use a plastic opening tool to gently pry the top cover off of the device.

- ⓘ It is easier to pry off the cover from the back side just above the HDMI ports.
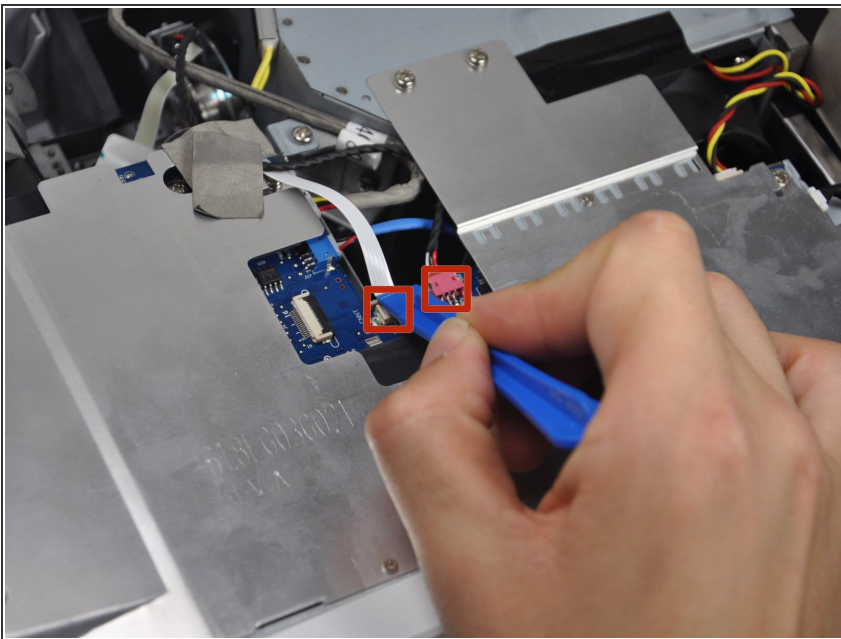
Step 4

⚠️ When removing the cover, be cautious of the ribbon connecting the top buttons to the main circuit board. The ribbon must be disconnected before proceeding.

● Remove the ribbon by disconnecting it from the main circuit board.

● Lift up the clip holding it down and pull the ribbon out.
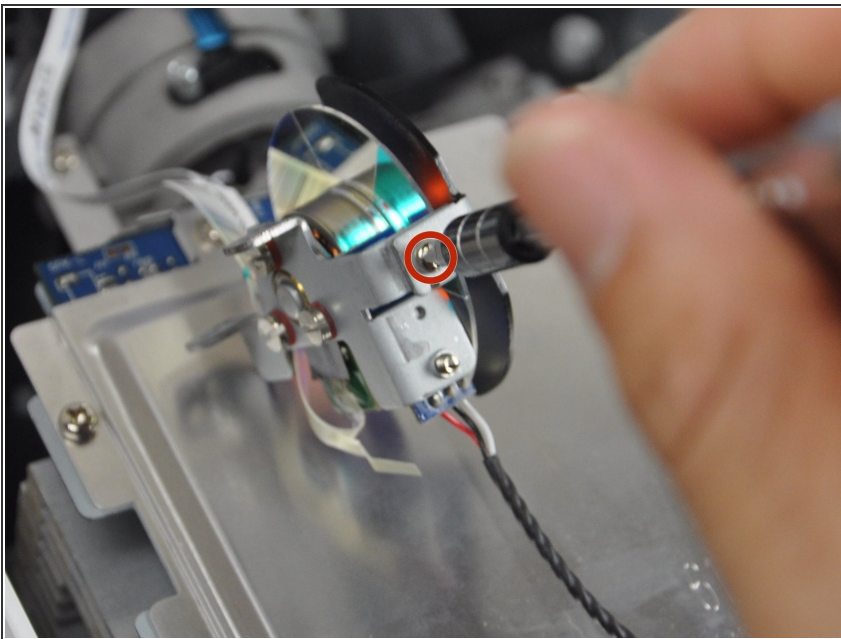
Step 5 — Color Wheel

● Use the plastic opening tool to remove the wiring.

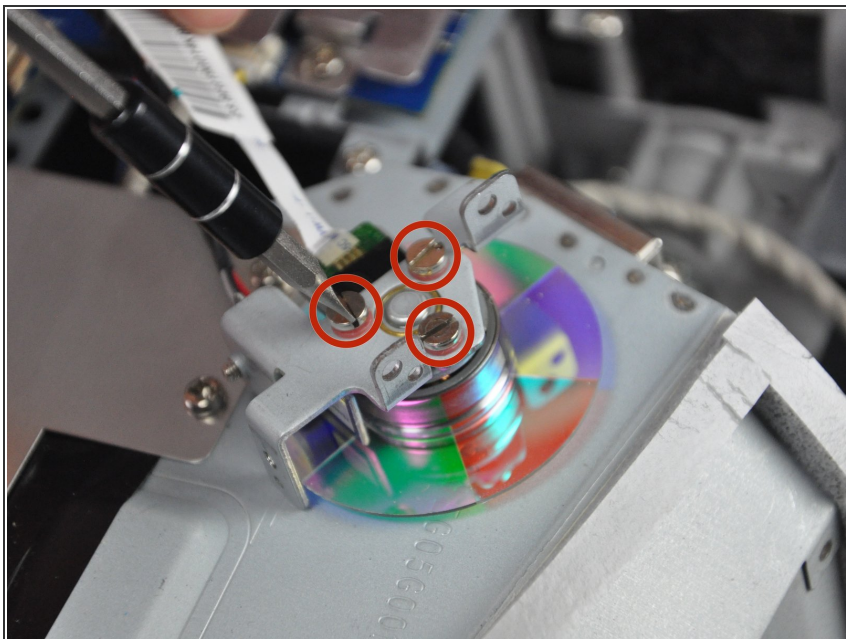This document was generated on 2020-01-09 10:16:24 AM (MST).

Step 6

- Use a Phillips #1 screwdriver to remove the 5.5 mm screws around the pin wheel.
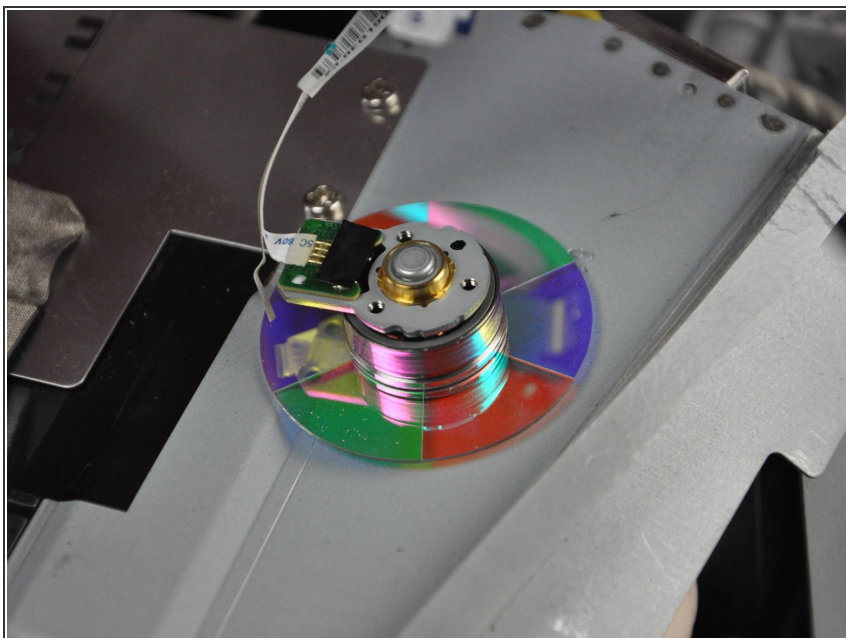
Step 7

- Use a Phillips #1 screwdriver to remove 1 more 5.5 mm screw.

Step 8

- Using a flat head screw driver unscrew the back part to release the color wheel.

- ⚠ Do this carefully because these screws do not pull out.

Step 9

- Once unscrewed, remove the color wheel, and replace the part.

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

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