



# Optoma HD20 Focal Lens Replacement

Device images not appearing clear? Try replacing the focal lens with a new one.

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## INTRODUCTION

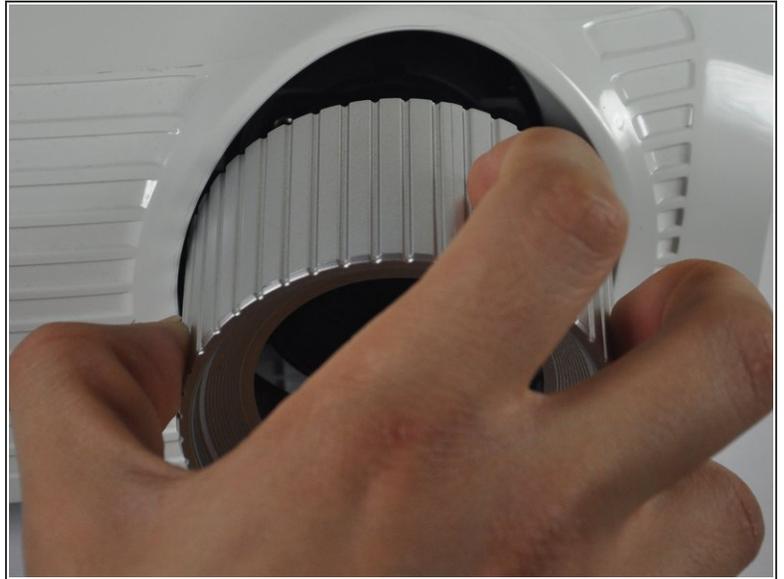
Use this guide to remove the focal lens from your Optoma HD20.

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### TOOLS:

- [Phillips #1 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
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## 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.

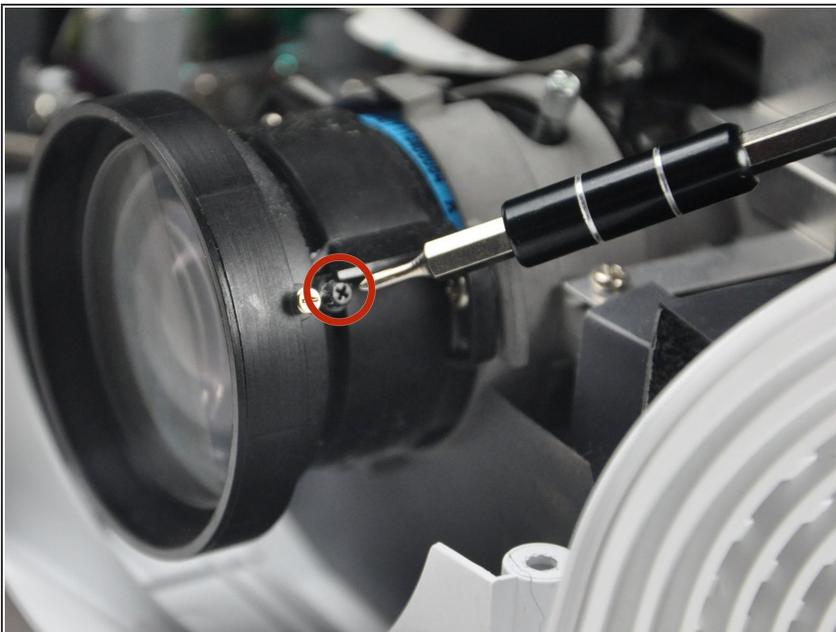
## Step 4



**⚠** 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 — Focal Lens



- Use a Phillips #1 screwdriver to unscrew the small black 2 mm screw on the side of the focal lens.

## Step 6



- Remove the focal lens by twisting it clockwise until it comes off.

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