



# Panasonic HDC-TM90 Zoom Toggle Cleaning

This guide will walk users through the process of accessing the zoom toggle for the purpose of cleaning it.

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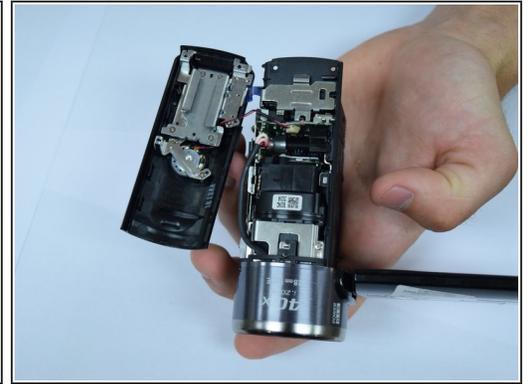


 **TOOLS:**

- [T5 Torx Screwdriver](#) (1)
- [JIS Driver Set](#) (1)

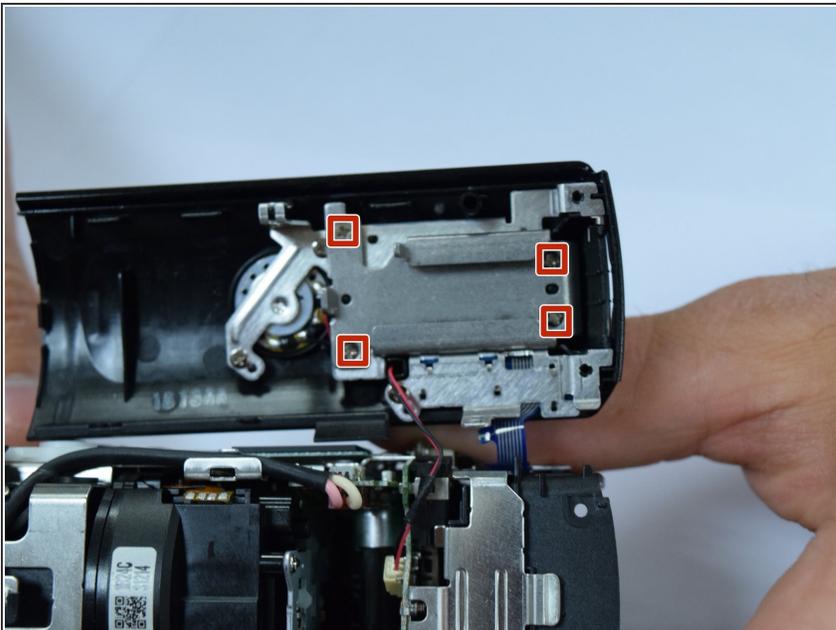
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## Step 1 — Zoom Toggle



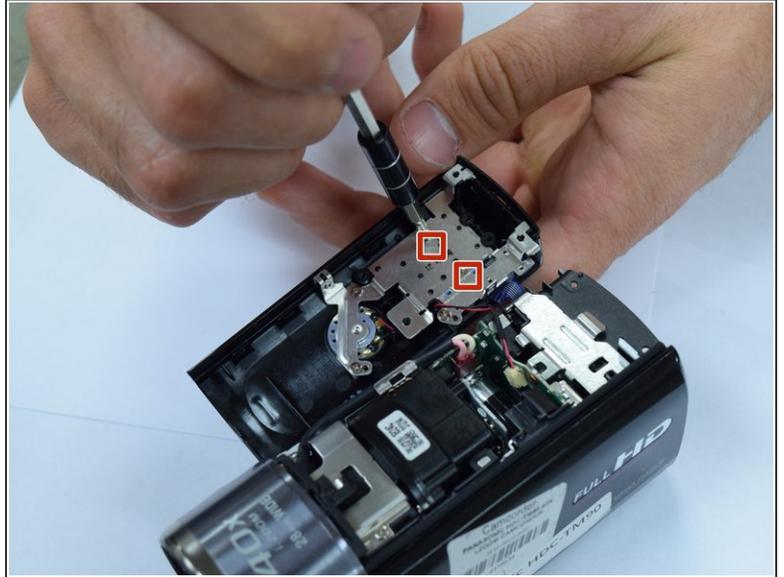
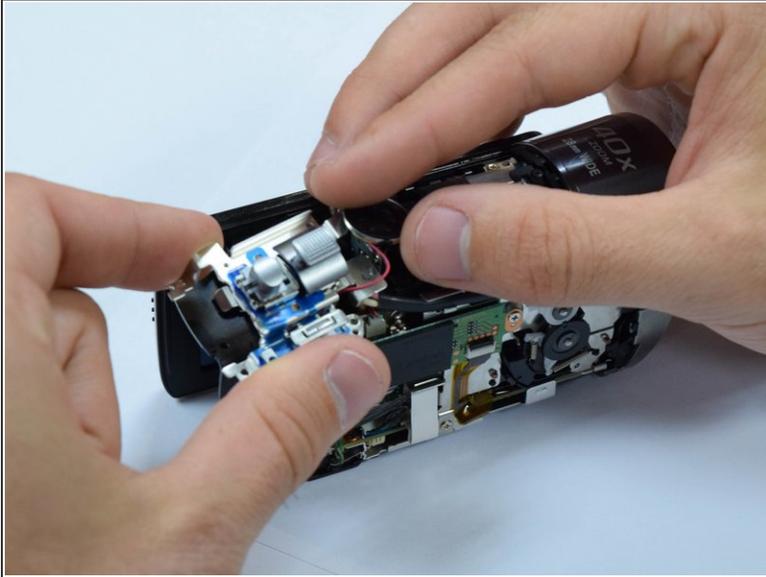
- Take off the side panel.
- Remove the screw on the screen side of the camera and above the battery chamber.
- Use the spudger to remove the top panel of the camcorder.

## Step 2



- Unscrew the silver metal plate from under the top of the camera.

## Step 3



- Unscrew the second metal plate from under the top of the camera.
- When reassembling, be sure to place the circular speaker component in its correct position.

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