Sega Genesis Motherboard Replacement
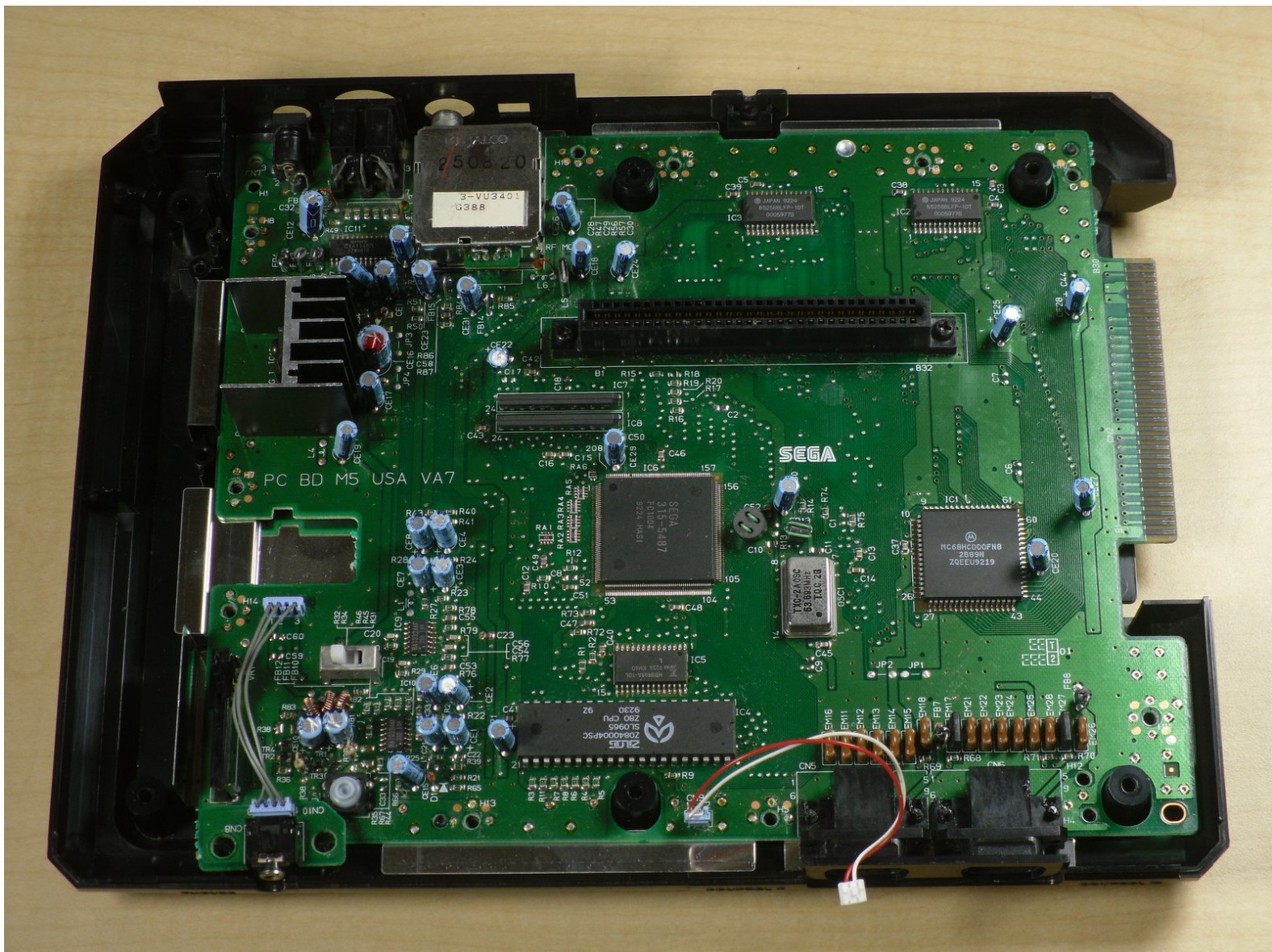
This guide will show you how to replace the motherboard in the Sega Genesis

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🔧 TOOLS:

- Phillips #1 Screwdriver (1)

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Step 1 — Outer Case
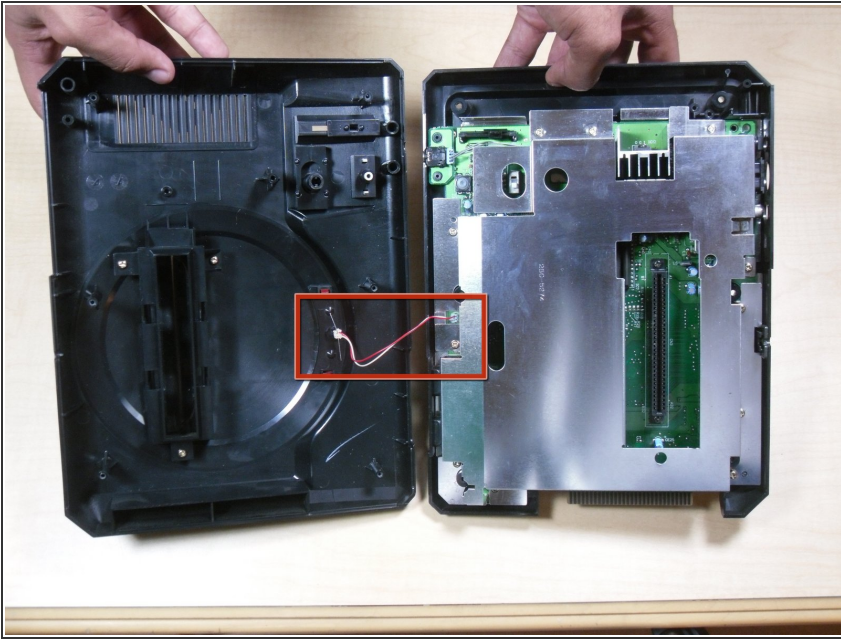

- Remove the six screws from the underside of the console with a Phillips #1 screwdriver.

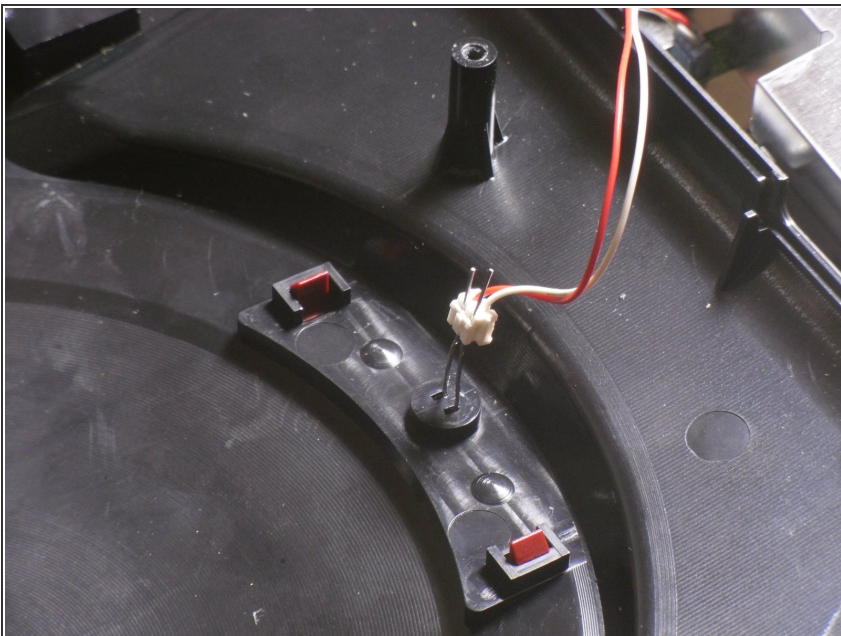## Step 2

- Flip the Sega Genesis upright.

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Step 3

- Gently lift the top casing.
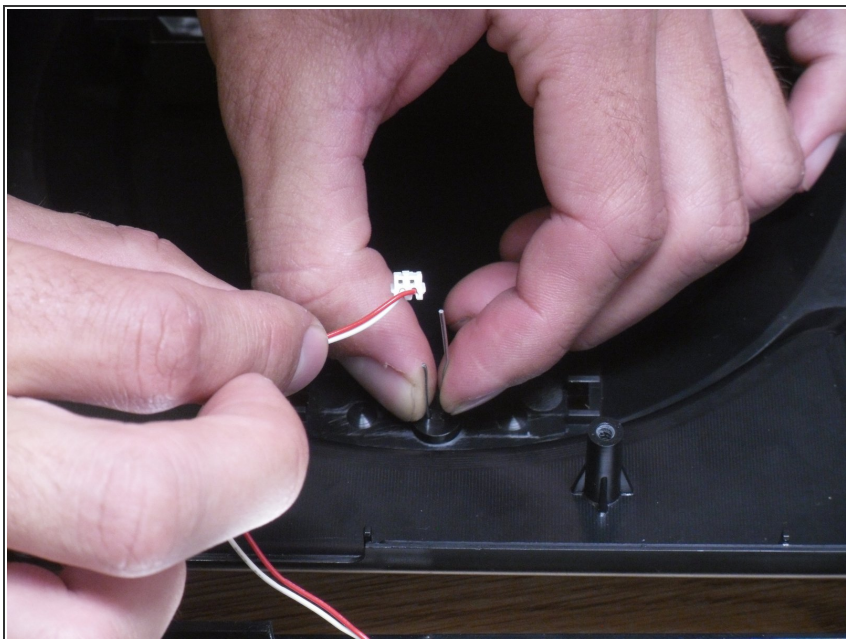
⚠ **Note: the case will be connected to the main board by LED wires.**

Step 4

- Bend out the LED leads into vertical positions.

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Step 5

- Slide the LED wire apparatus off the lead pins.

- ⚠️ **Note: observe which color wire corresponds with which length of pin.**
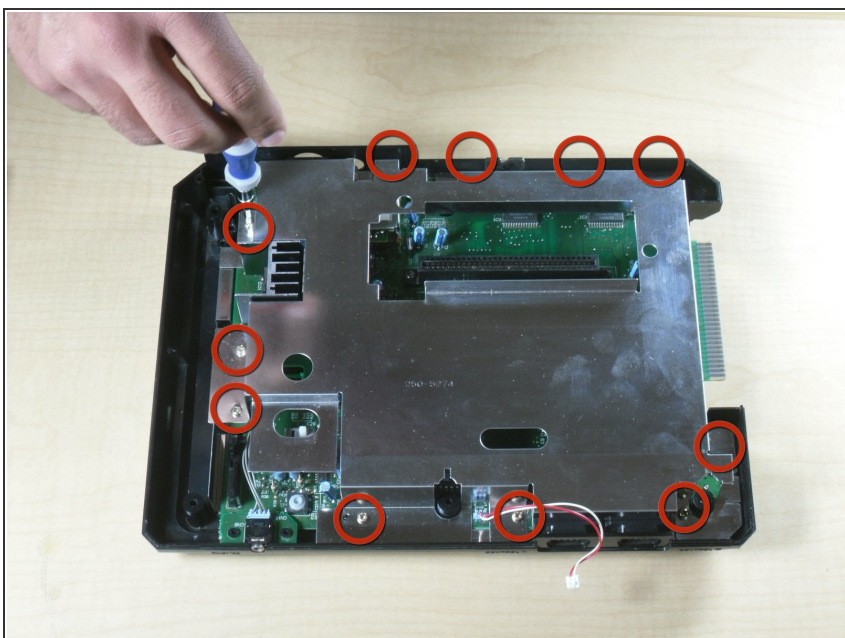
Step 6

- Separate the main board from the outer case.
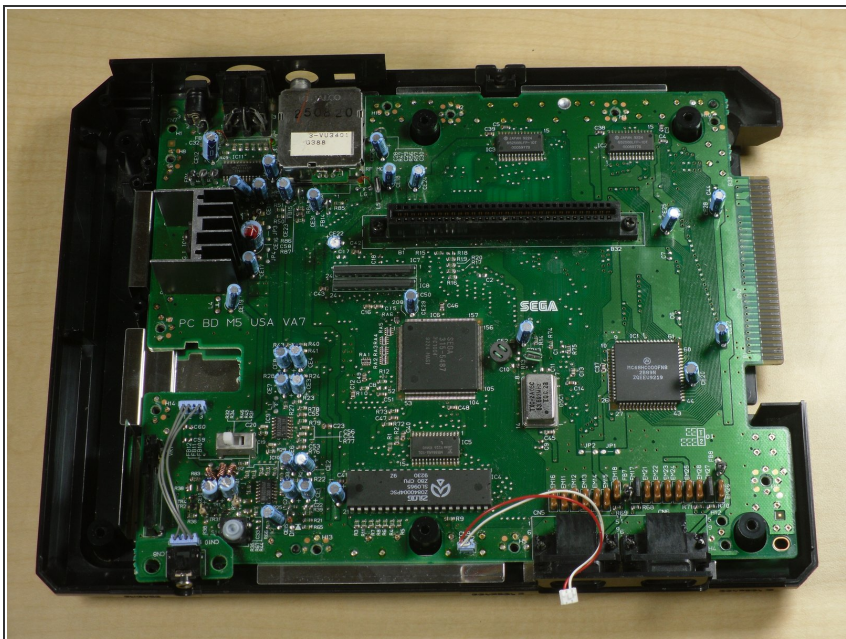
Step 7 — Motherboard

- Remove single black screw from the outside of the bottom cover, using a Philips screwdriver.
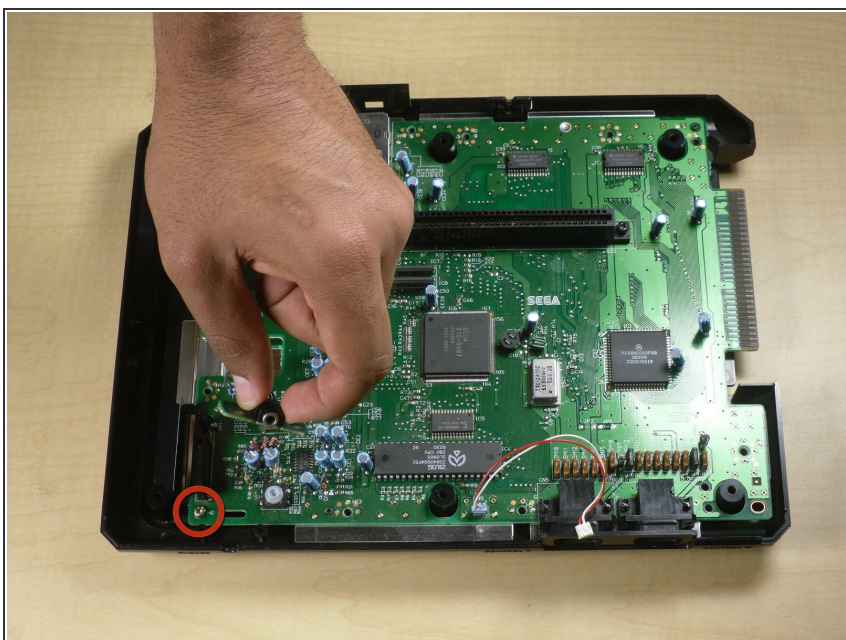
Step 8

- Using a Philips screwdriver, remove 11 screws securing silver casing.

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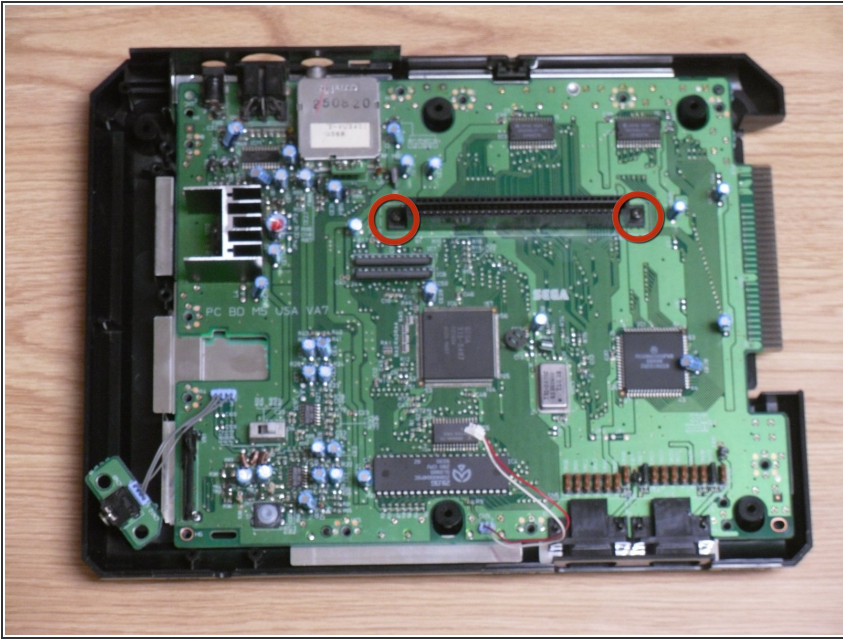
Step 9

- Remove silver case.

Step 10

- Remove single golden screw on motherboard using Philips screwdriver.

- ⓘ **Note:** Push headphone jack to the side.
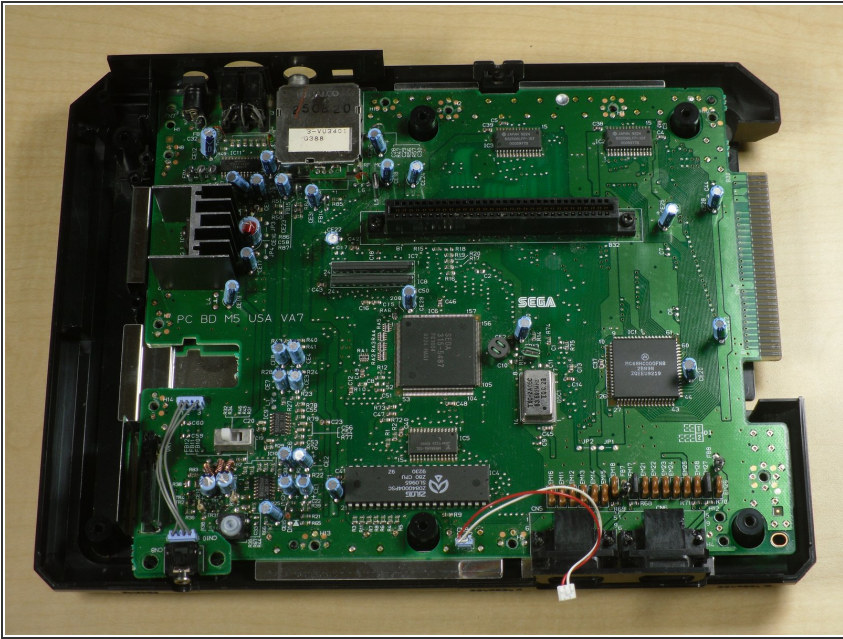
Step 11

- Remove two black screws on the left and right sides of the cartridge slot.

Step 12

- Remove motherboard.

Step 13

● Re-install new motherboard.

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