Generic TV Remote IR LED Replacement

Replace a broken or malfunctioning IR LED on a generic TV Remote and know how to check if it works.

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TOOLS:

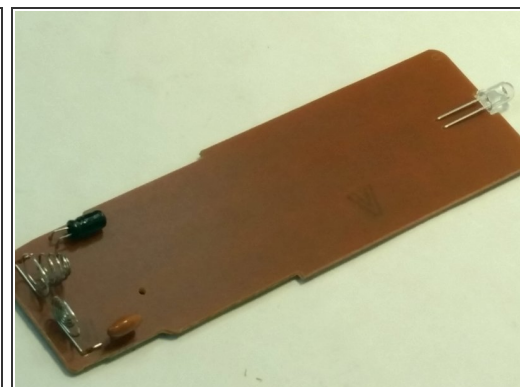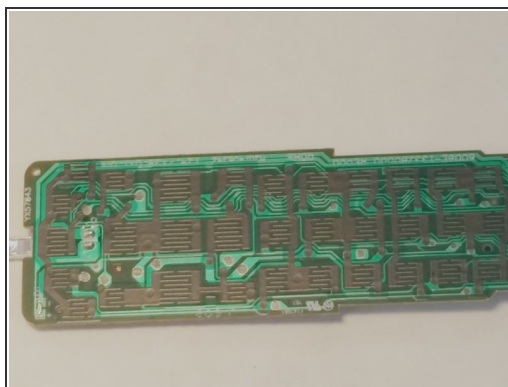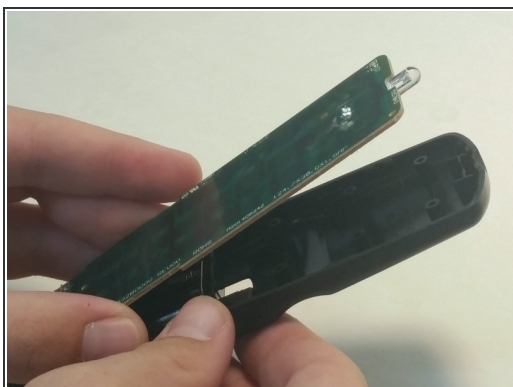- iFixit Opening Tools (1)
- Soldering Iron (1)

PARTS:

- IR LED (1)

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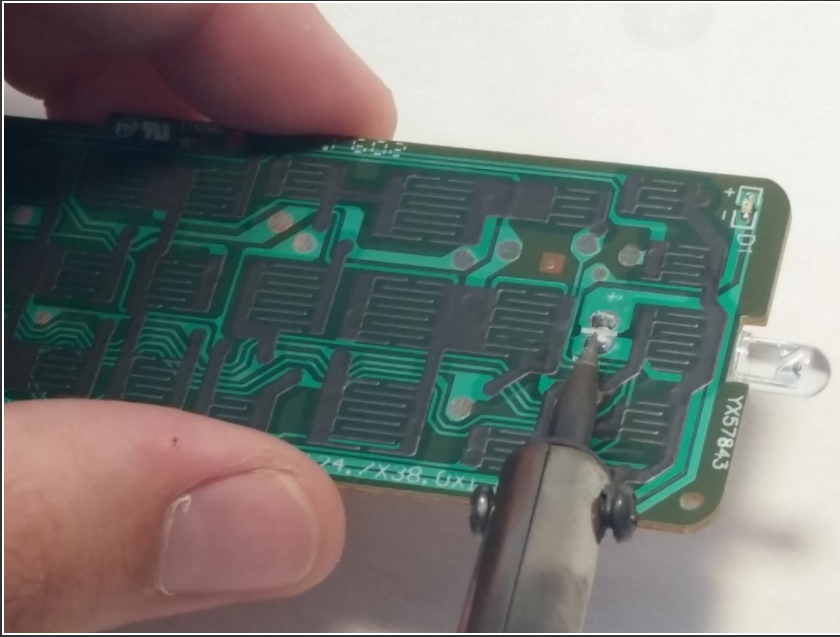
Step 1 — IR LED

- Starting to the left or right of the front LED, pry open the sides of the remote.
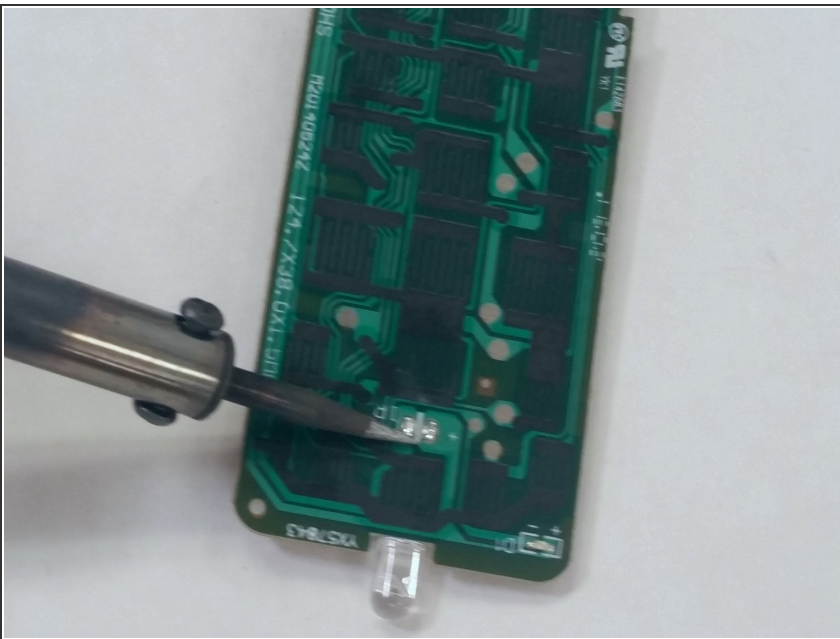
Step 2

- Remove the circuit board from the casing by gently lifting upwards and turn the side opposite the LED facing up.
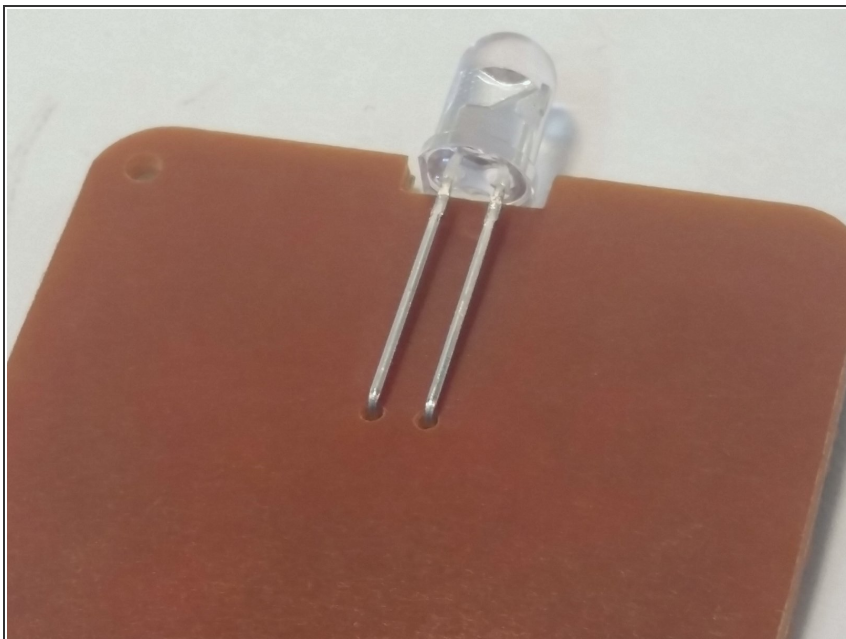
Step 3

- Desolder the broken LED using a soldering iron and desoldering braid or other removal method.
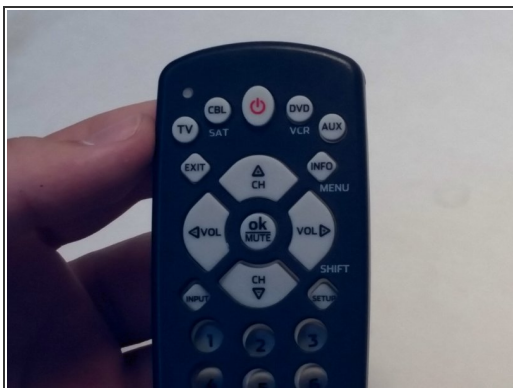
Step 4

- Solder the new LED in the same spot as the old one.
- ⓘ Make sure that the longer lead (positive) goes through the hole marked positive when soldering.

Step 5

● Clip the leads of the LED, then bend the LED towards the circuit board at a 90 degree angle

Step 6

📌 Make sure the buttons and the circuit board are placed back correctly before reassembly

Step 7

(i) To check if your remote is now working, check the batteries are in correctly then press a button on the remote. Aim the remote at a smartphone camera while pressing a button and you should see a flashing light being emitted.

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