



Repairing Rattling Sensor in Logitech G303 Computer Mouse

How to repair a rattling sensor in a Logitech G303 computer mouse.

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INTRODUCTION

This repair guide is intended to prevent rattling noise from the sensor in a Logitech G303 computer mouse. There are two different adhesive methods that are described on Steps 6 and 7.



TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Flathead Screwdriver](#) (1)



PARTS:

- [Logitech G303 Mouse Feet](#) (1)
- [Mounting Double Sided Tape](#) (1)

Step 1 — Repairing Rattling Sensor in Logitech G303 Computer Mouse



- Pry off the mouse feet located at the front and back of the underside of the mouse by wedging a flat head screw driver into the depressed groove and applying upward force.

⚠ Ensure that the mouse is not plugged into any power source before starting the repair.

⚠ Carefully remove the feet and be wary of the adhesive. Careful handling will allow them to be reattached and not require the purchase of a new set of mouse feet

Step 2



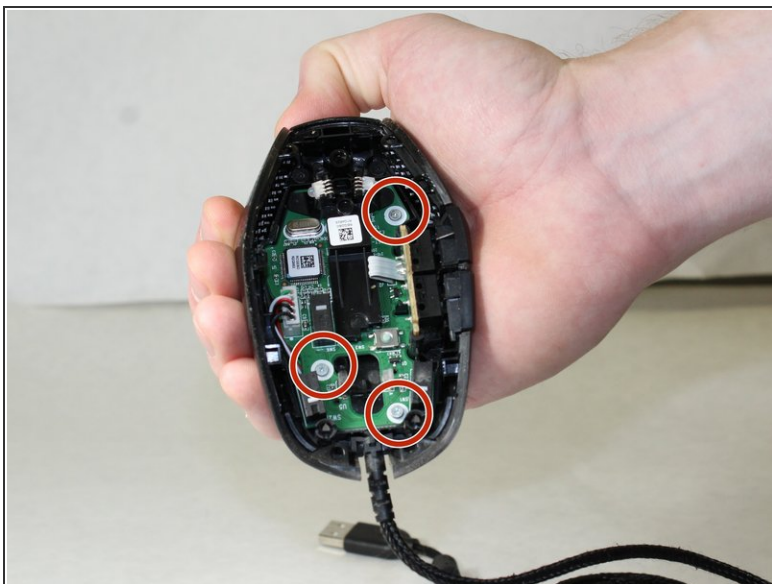
- Using a Phillips #00 screwdriver, unscrew the three screws that hold the top and bottom halves of the mouse together.

Step 3



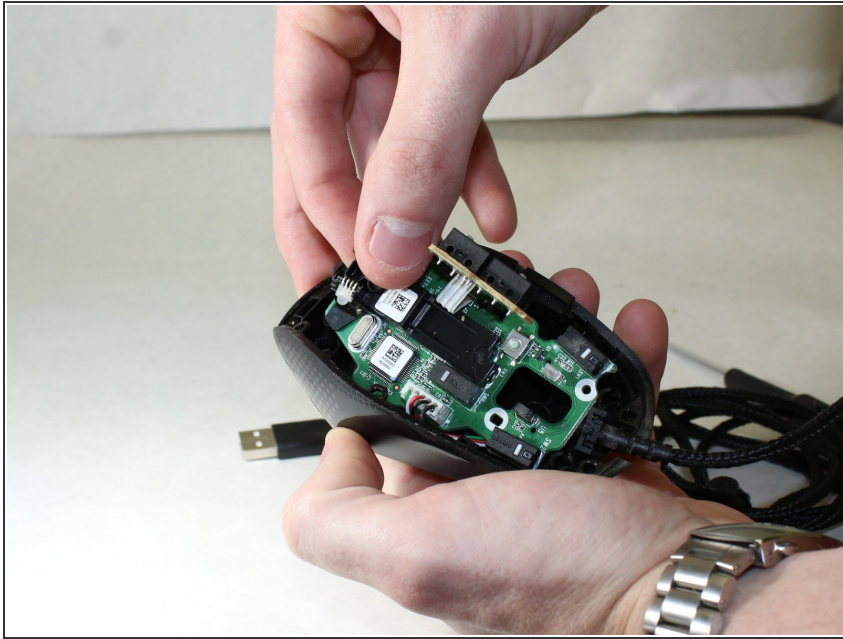
- Grip the mouse cable with one hand and the top buttons with the other and apply force in opposite directions to separate the two halves of the mouse.
- ⓘ Try lightly squeezing the top buttons together while separating the two halves of the mouse.

Step 4



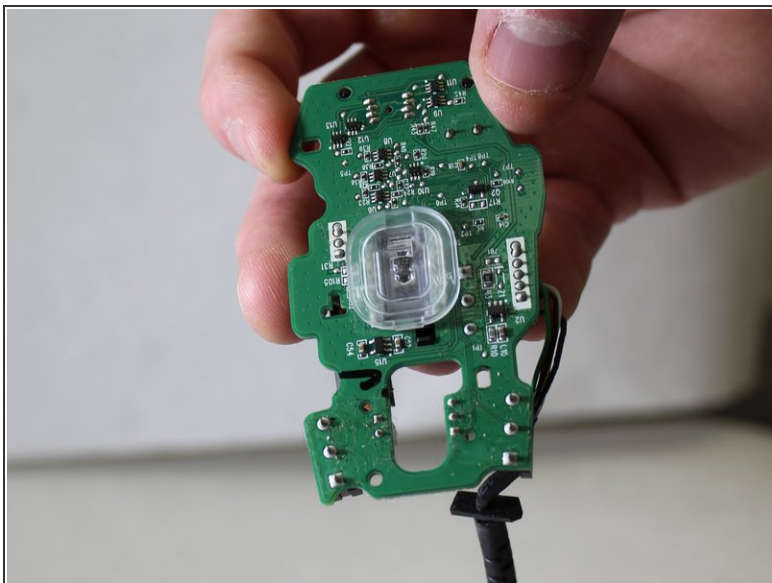
- Using the Phillips #00 screwdriver, unscrew the three internal screws.

Step 5



- Remove the internal operating board by lifting it out of the bottom half of the mouse.
- ⚠ Handle the internals carefully to prevent damage from occurring.

Step 6



- First Adhesive Method:
 - Apply a thin bead of the Silicon caulk to the rim of the sensor component.
- ⚠ Ensure that no Silicon is covering the center where the sensor is located.
- ⓘ The Silicon takes 30 minutes to set. This allows slight adjustments to be made if the Silicon initially covers the sensor.

Step 7



- Second Adhesive Method:
- Attach the double sided tape to the bottom half of the housing. Place them directly over the central grooves.

⚠ Ensure that the central hole is not covered so the sensor still functions as designed.

To reassemble your device, follow these instructions in reverse order. Lastly, ensure that none of the adhesive is blocking the sensor on the bottom of the device.