



LG UD501KOJ5 Dehumidifier Sensor Replacement

This guide will demonstrate how to replace the humidity sensor on a LG UD501KOJ5 dehumidifier.

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INTRODUCTION

This guide will demonstrate how to safely replace a humidity sensor on your LG UD501KOJ5 dehumidifier.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Leather Work Gloves](#) (1)
 - [Soft Cloth](#) (1)
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Step 1 — Humidity Sensor



- Unplug the dehumidifier then put on work gloves to protect your hands.
- Remove the water collection bucket and set it aside.
- Remove the air filter from the bottom of the front grille.

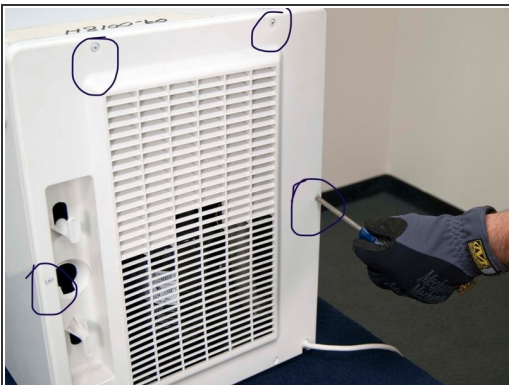
Step 2



- Using your Phillips #0 screwdriver, remove the two screws which are attached at the bottom of the front grille.
- Lift the front grille up and off the front of the frame, carefully set it in front of the dehumidifier.

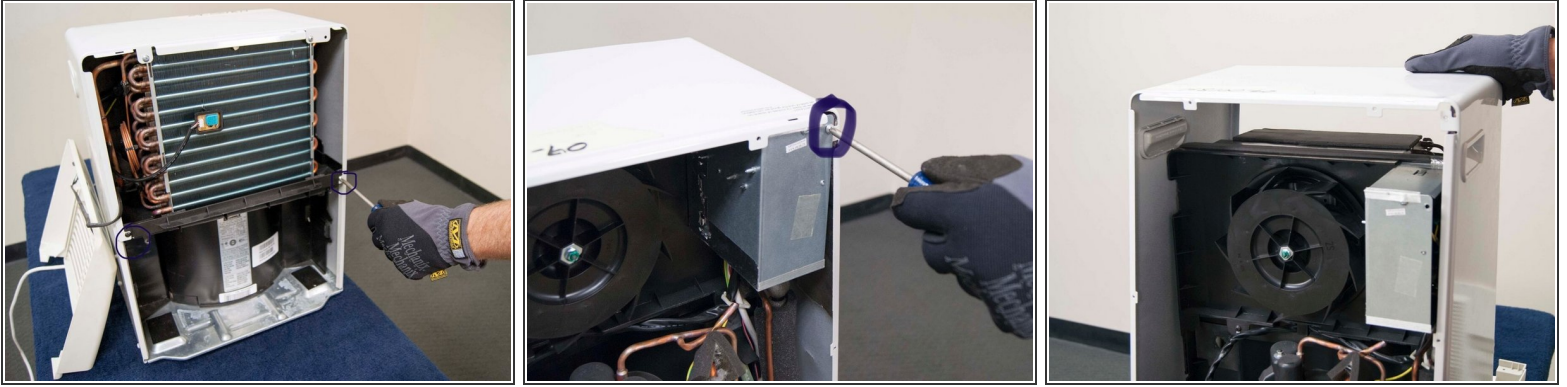
⚠ The control board wire harness is still attached to the back of the front grille.

Step 3



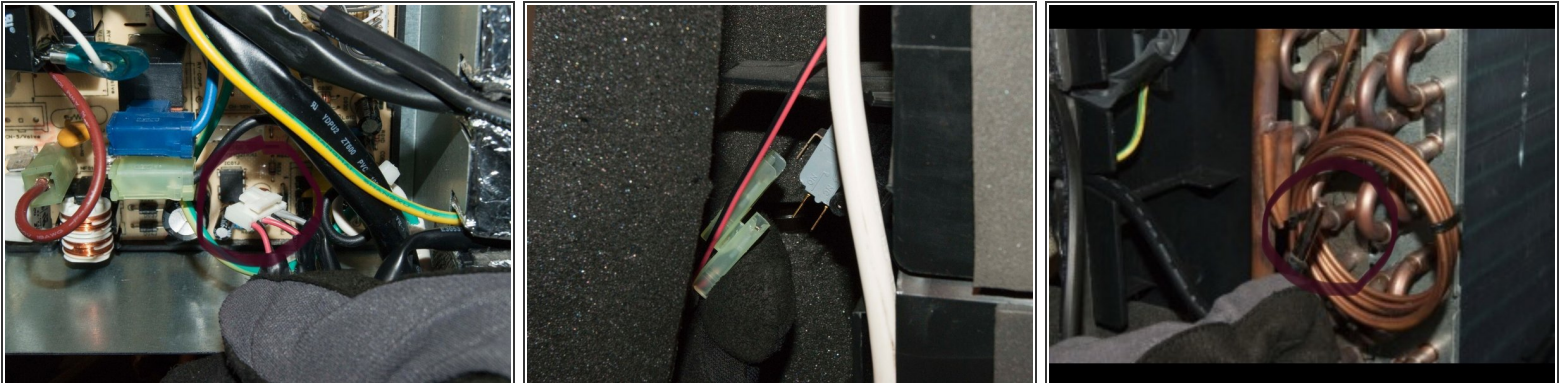
- Remove the screws that secure the back panel to the dehumidifier.
- Carefully remove the back panel from the dehumidifier.
- Remove the screws at the side.

Step 4



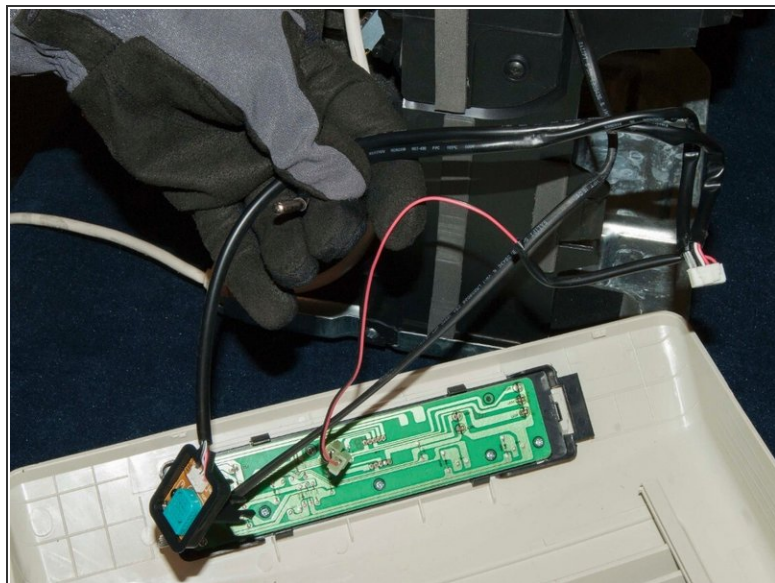
- Remove the screws located at both sides of the back panel.
- Remove the screws on the top left and top right which are connected to the control box.
- Carefully remove the outer case.

Step 5



- Disconnect the sensor wire harness from the electronic control board.
- Disconnect the wire harness from the collection bucket float switch.
- Pull the evaporator thermistor out of the copper sleeve on the side of the evaporator coil.

Step 6



- Remove the humidity sensor from the evaporator fins.
- Pull the sensor assembly out of the dehumidifier.
- Remove any dust build-up with a dry cloth.
- ☑ Push the new humidity sensor in place on the front of the evaporator fins.

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