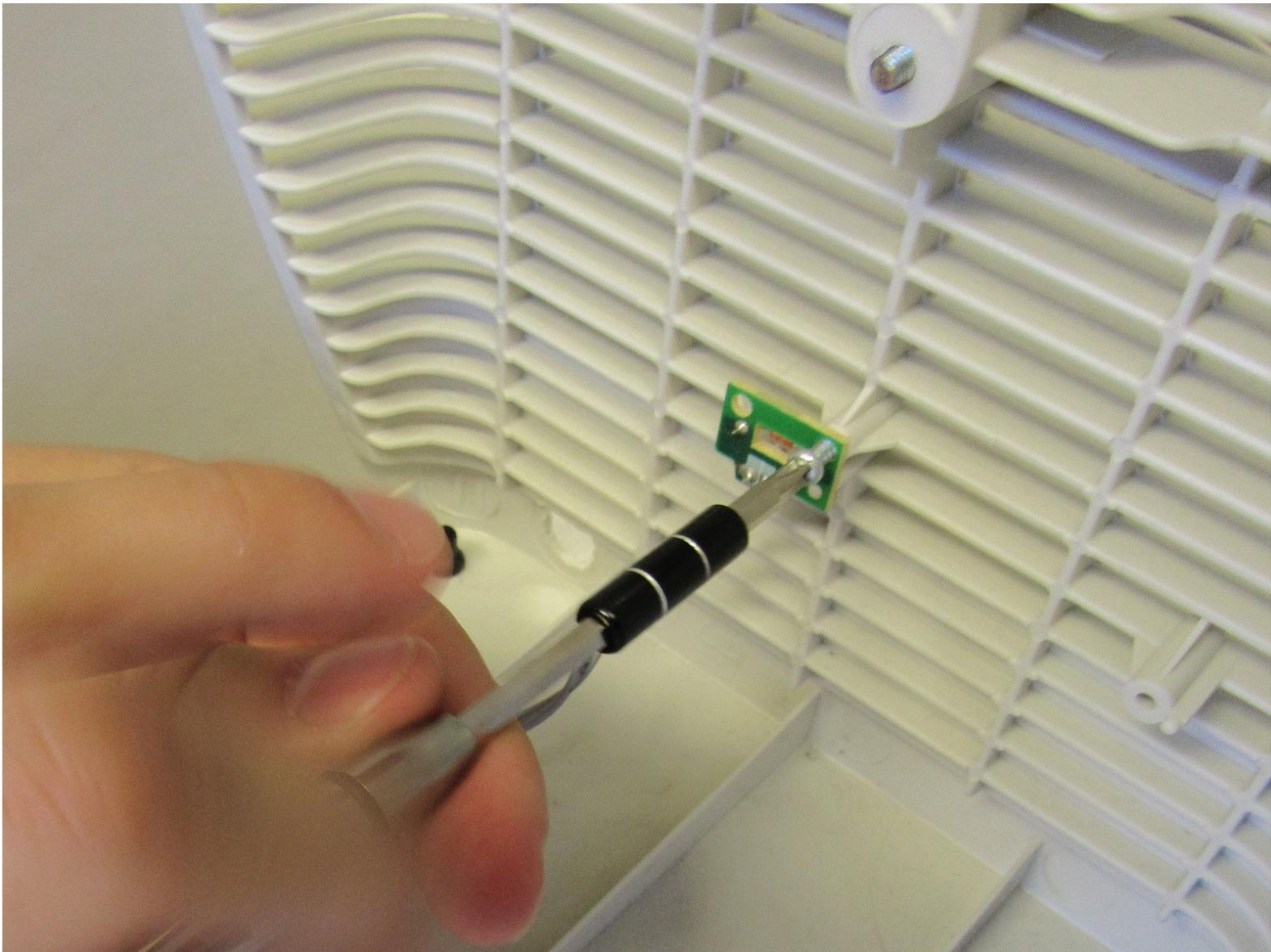




# Holmes HEH8031 Thermostat Replacement

This guide shows step by step instructions for replacement of the thermostat assembly in the Holmes HEH8031 heater.

Written By: Richard S Woodruff



## INTRODUCTION

This guide shows step by step instructions for replacement of the thermostat assembly in the Holmes HEH8031 heater.

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### TOOLS:

- [Phillips #2 Screwdriver](#) (1)
- [Soldering Iron](#) (1)
- [Desoldering Braid](#) (1)

### PARTS:

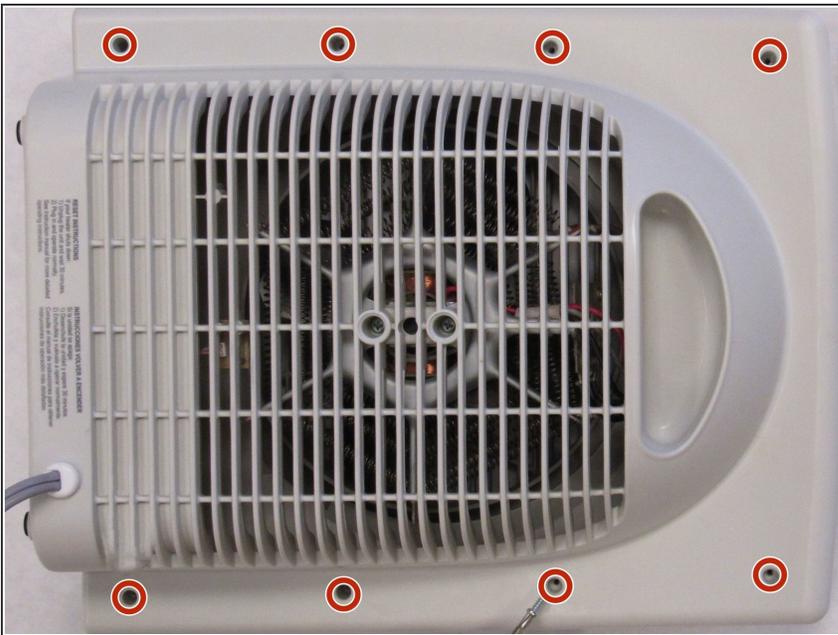
- [Replacment Thermostat](#) (1)
-

## Step 1 — Housing



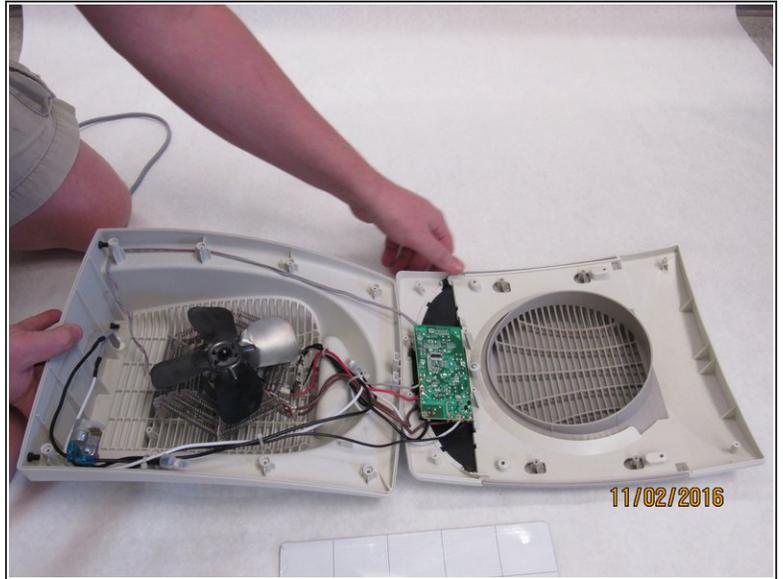
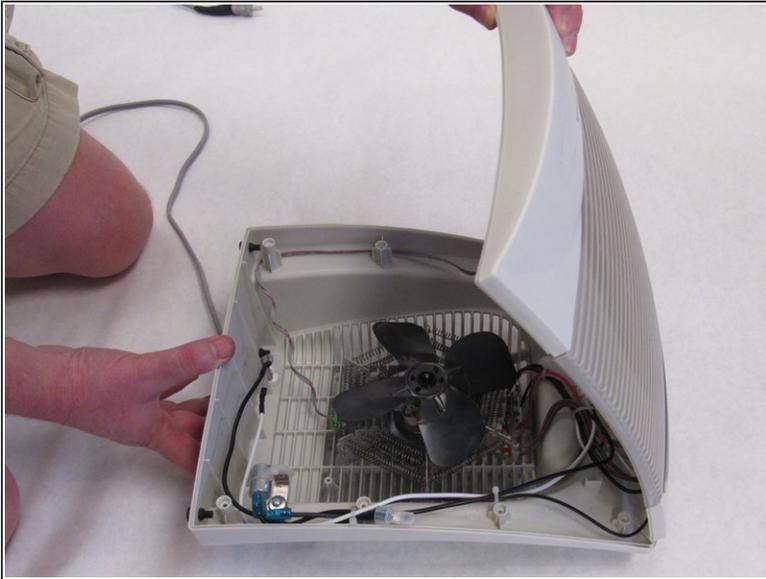
- Ensure the device is unplugged from the wall outlet.

## Step 2



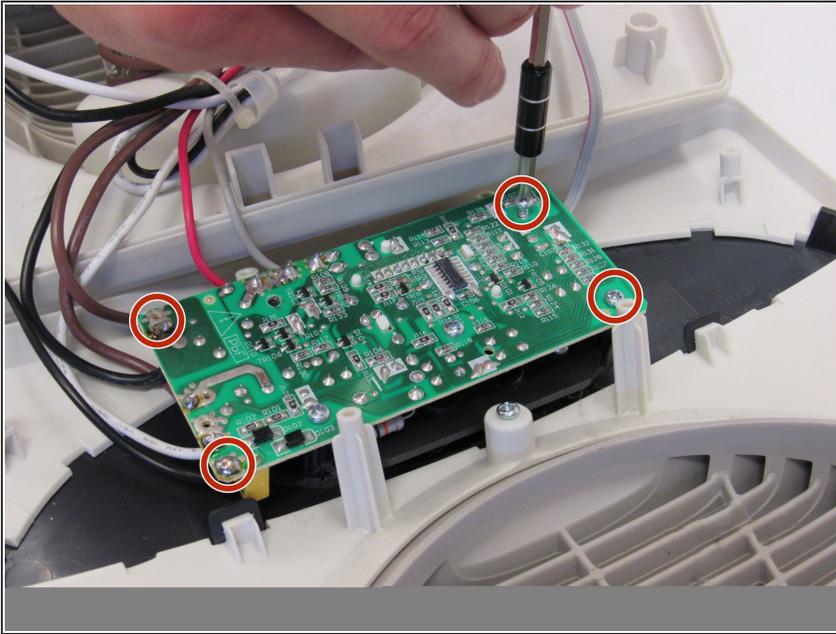
- Remove eight 12-mm Phillips #2 screws from the back cover.

### Step 3



- Turn heater over so the controls are facing up.
- Lift the front housing away from the back of the fan and slowly fold the front housing back down to the floor.
- ⓘ Internal wires are connected to both halves of the housing. Be careful when separating the housing.

## Step 4 — Circuit Board Removal



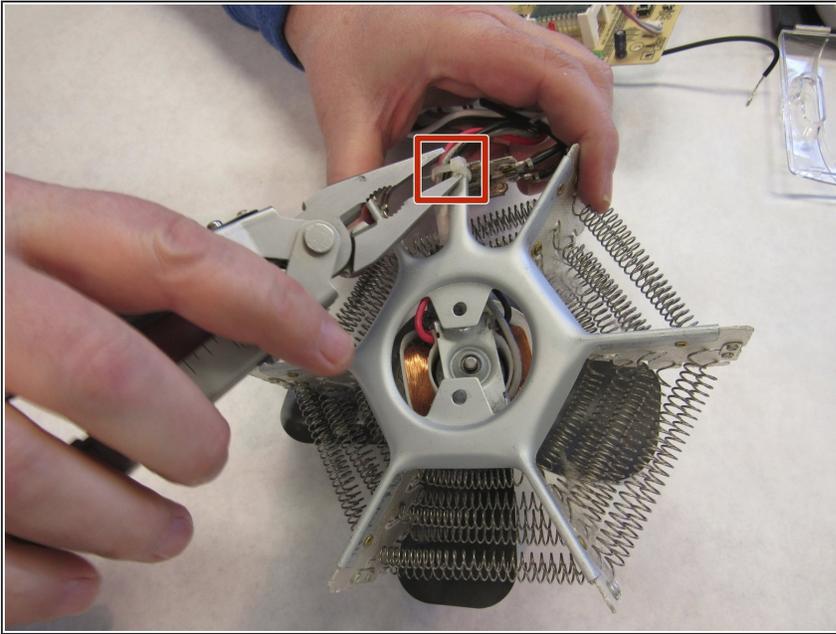
- Remove four 12mm Phillips #2 screws from the circuit board.

## Step 5 — Fan



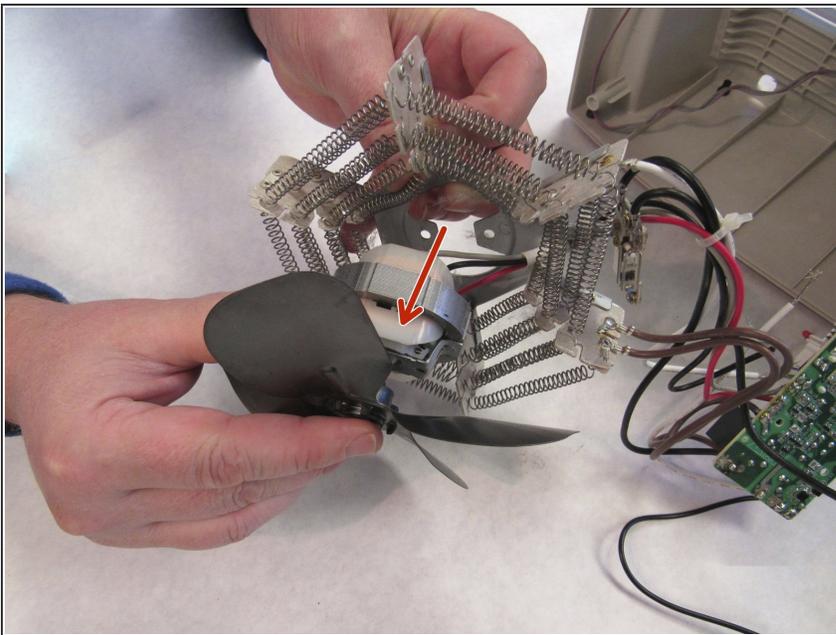
- Remove two Phillips #2 12mm screws from housing

## Step 6



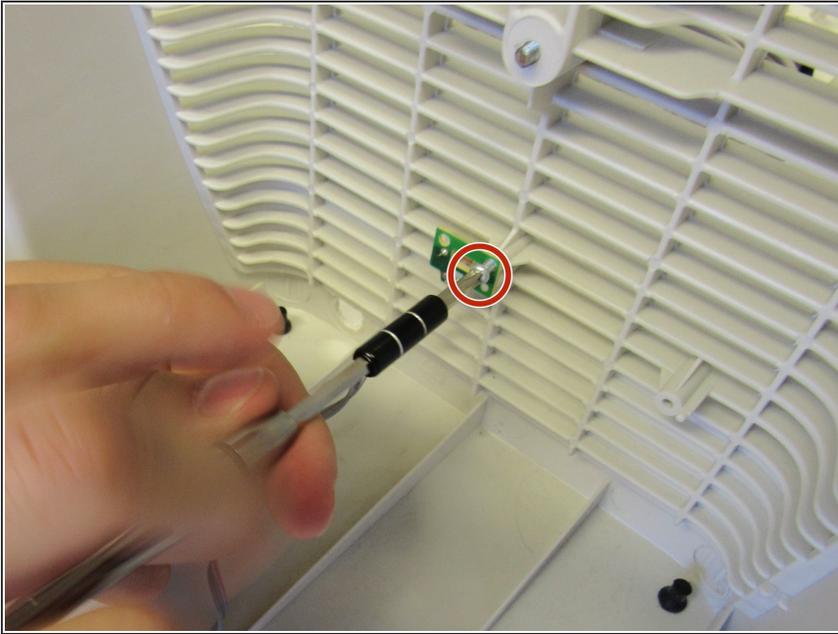
- Remove zip tie from wire with pliers

## Step 7



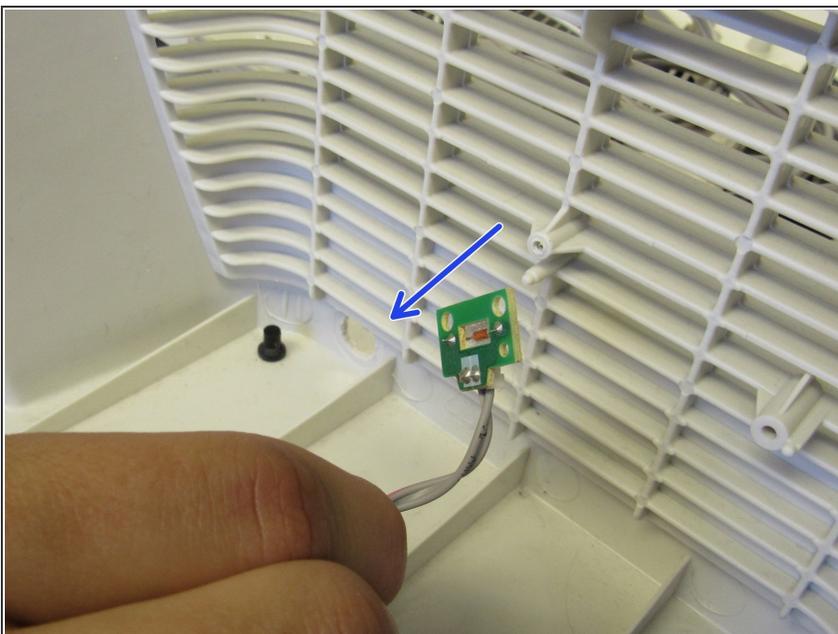
- Separate fan assembly from heating coil

## Step 8 — Thermostat



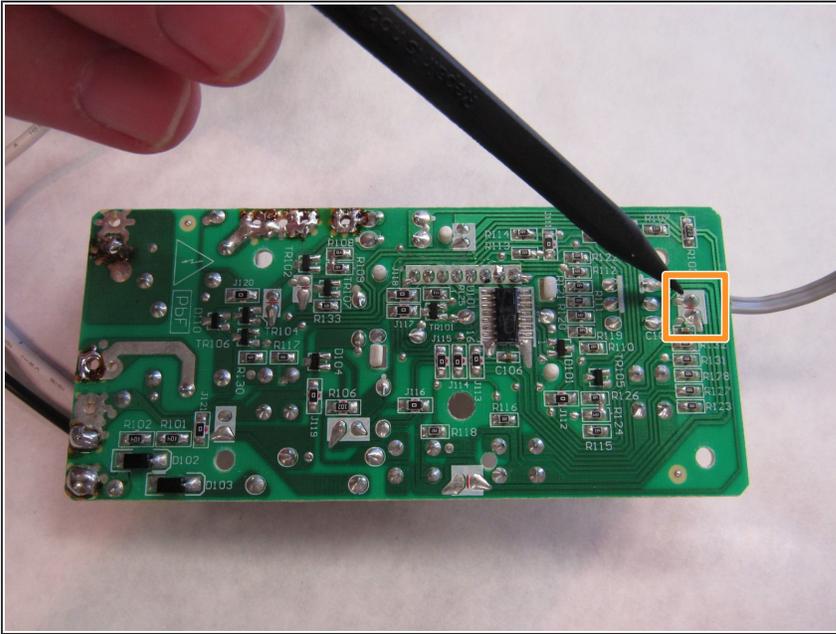
- Remove 1 Phillips #2 screw

## Step 9



- Remove thermostat from rear housing

## Step 10



- remove solder from thermostat wire on circuit board

⚠ Soldering iron will be hot

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