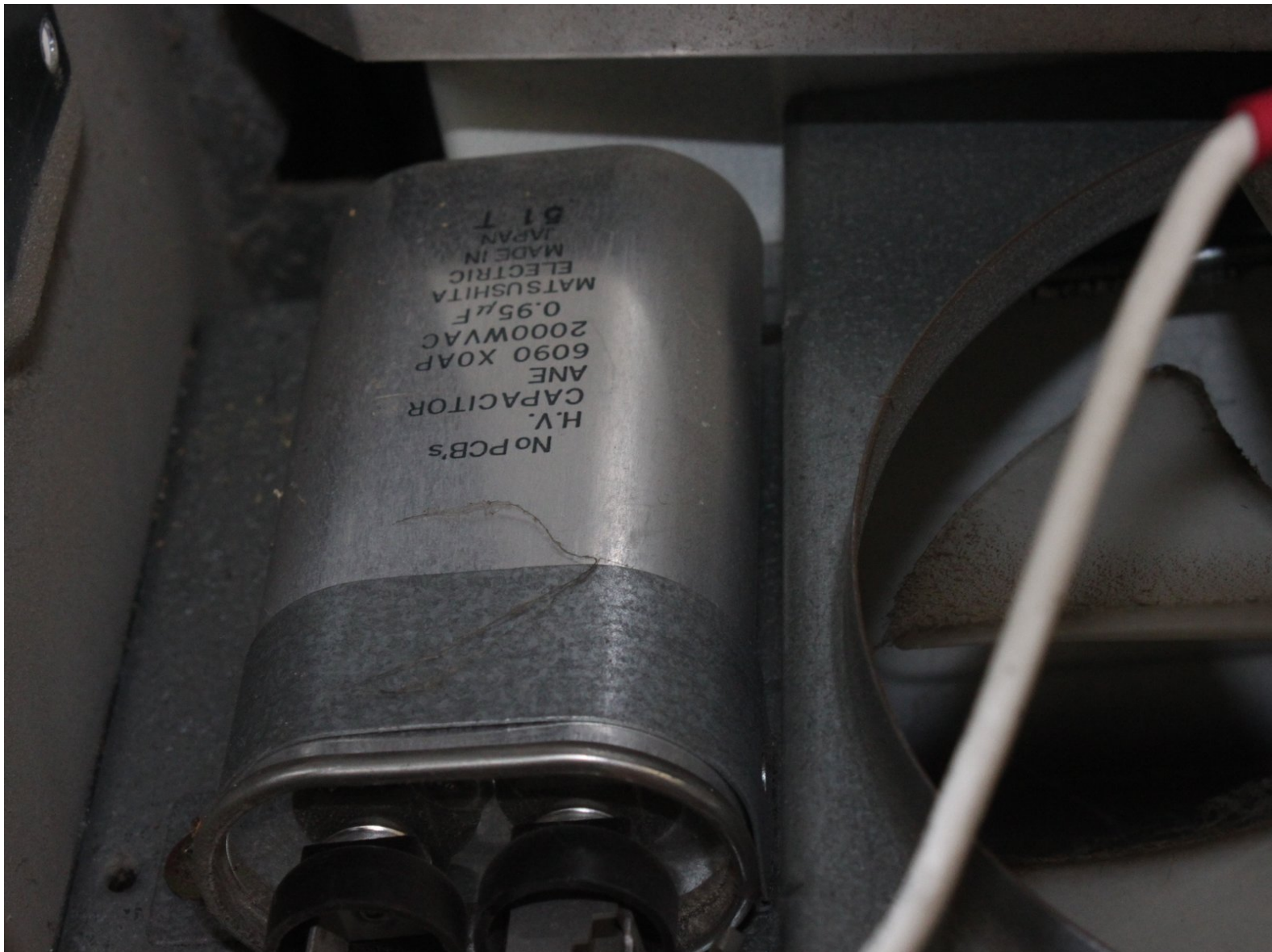




Quasar Microwave Capacitor Replacement

This guide details the process for replacing the capacitor in a Quasar Microwave MQ7774XW.

Written By: Michael



INTRODUCTION

If the microwave does not power on correctly, the capacitor may be at fault. Always use caution when working with electrical devices.



TOOLS:

- [Digital Multimeter](#) (1)
- [Phillips #2 Screwdriver](#) (1)




PARTS:

- [2000WVAC 0.95uF Capacitor](#) (1)

Step 1 — Disassembling Quasar Microwave Outer Cover



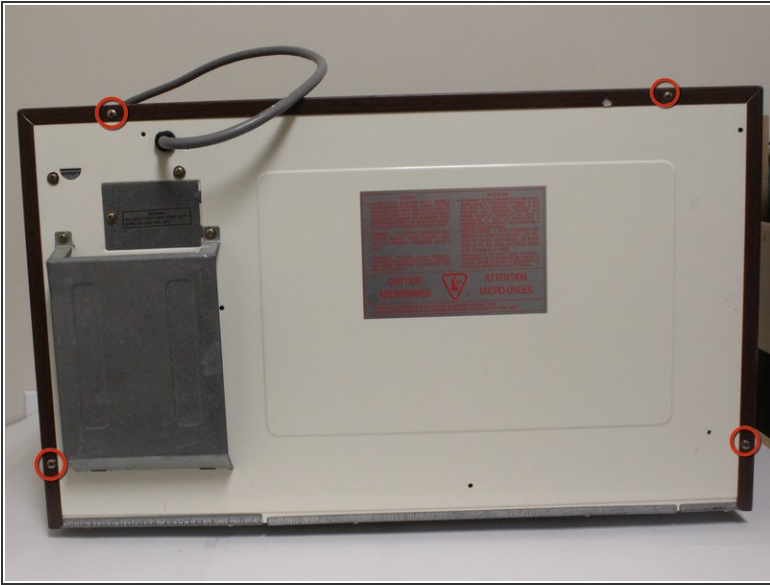
 Disconnect the power supply cord from the outlet.

Step 2



- Remove the eight screws holding the wood-patterned cover to the microwave frame.
- The first four screws are located on either side of the microwave front.

Step 3



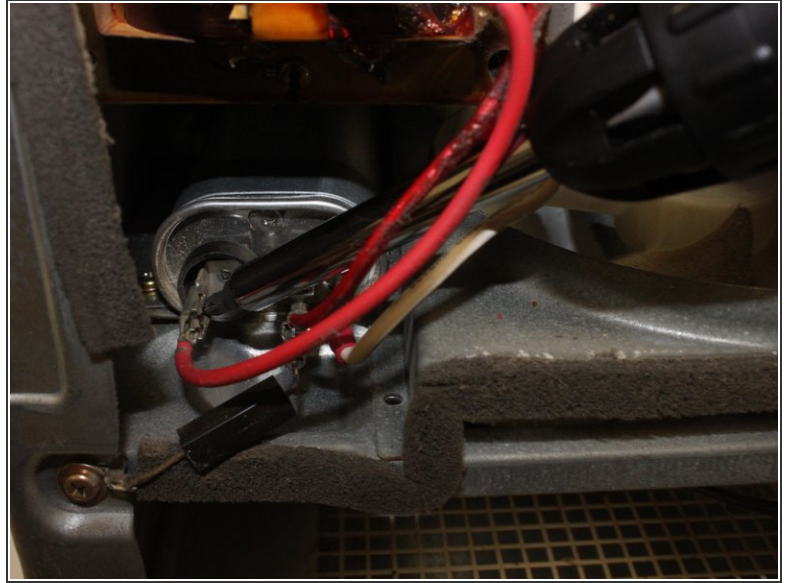
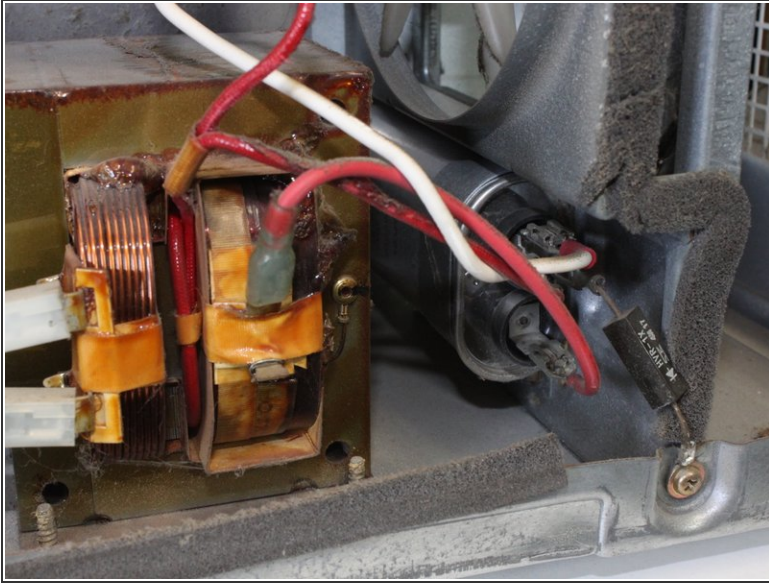
- Remove the additional four screws securing the wood-paneled case to the microwave frame.

Step 4



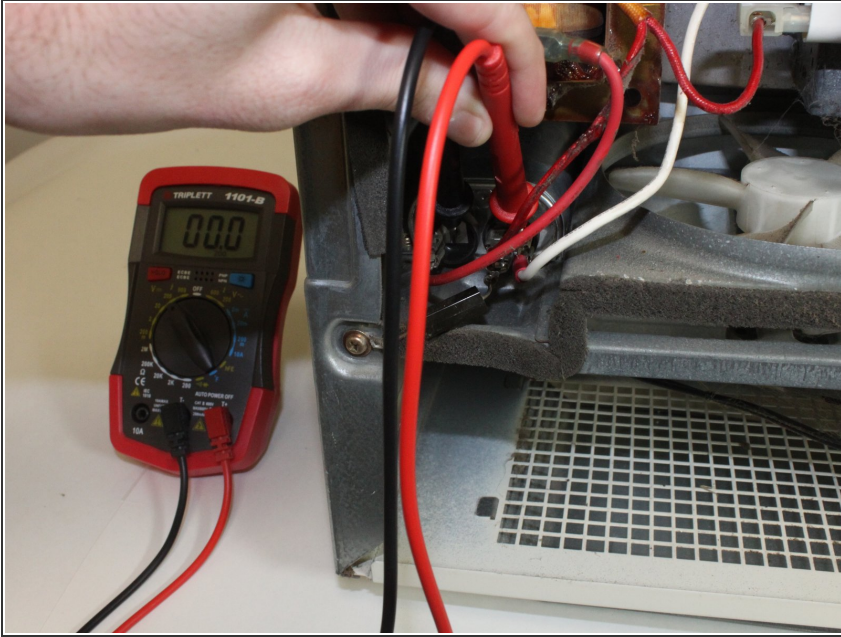
- Placing your hands on either side of the case, slide the case back gently until you feel it completely separate from the microwave frame.
- Lift the case upward slowly until the case is free of the microwave.

Step 5 — Capacitor



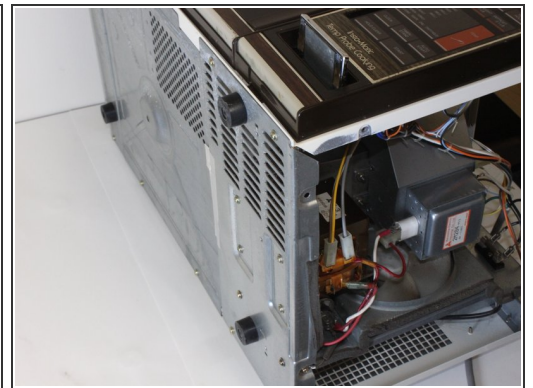
- ❗ Old electronics collect dust, no matter if they are in active use or being stored. It is recommended to clear out some of the dust prior to affecting any complicated repairs. Use compressed air, and wear a dust mask and goggles. Always use precaution when working with old electronics.
- The capacitor stores a small amount of electrical energy. Discharge capacitor by placing a screwdriver across the terminals. Use a screwdriver with a non-metallic handle and a shaft that is longer than 4" (10.75mm). Touch the metal shaft of the screwdriver simultaneously to both metal terminals of the capacitor. There should be a spark.
- If the capacitor sparks, you can stop reading here. The spark indicates that the capacitor is working properly. If the capacitor does not spark, read on to Step 6.

Step 6



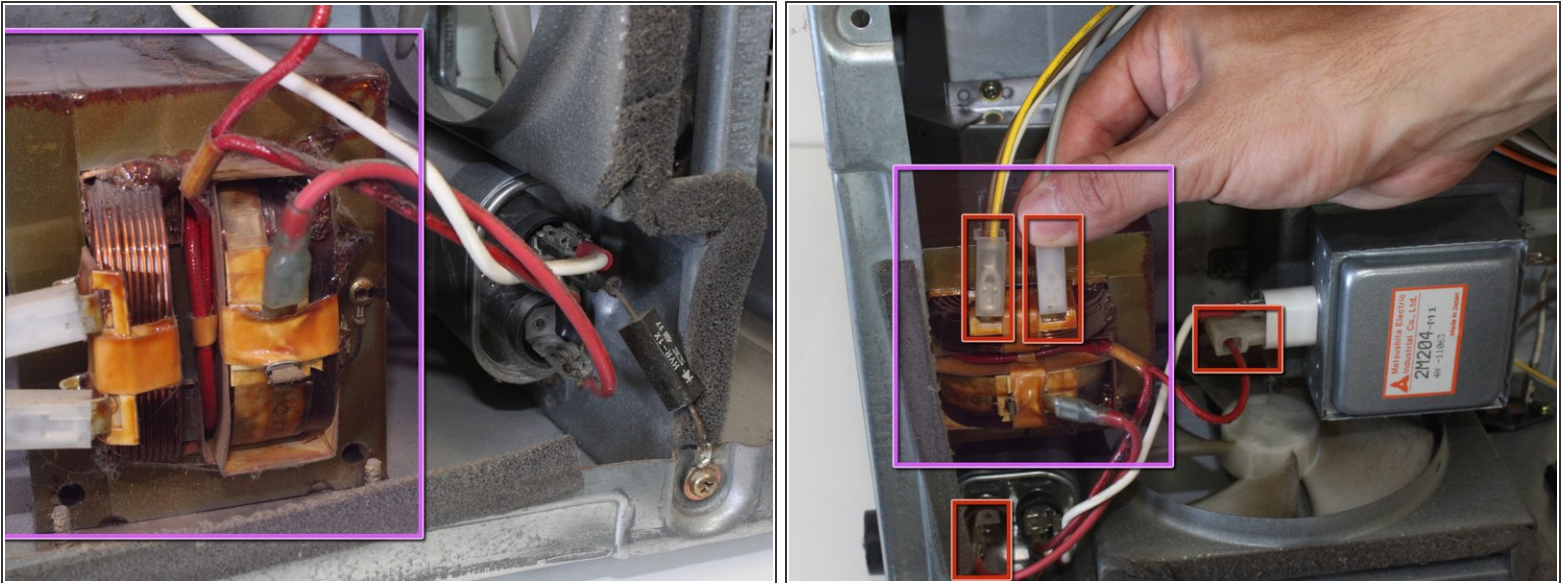
- Place the multimeter on resistance mode and test the resistance of the capacitor.
- If the resistance increases/decreases, the capacitor is working fine. If the resistance of the capacitor reads 0 or over several kilo ohms, the capacitor needs to be replaced.

Step 7



- Tip the microwave back so it is lying face up. This allows access to the screws beneath the transformer.

Step 8



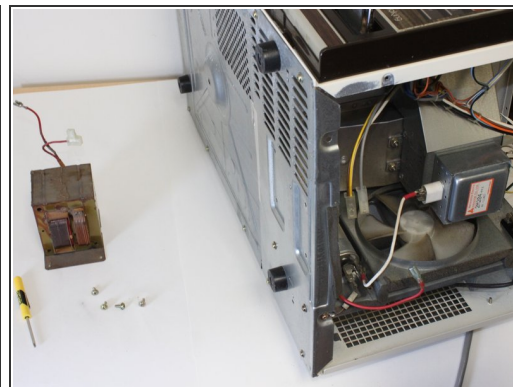
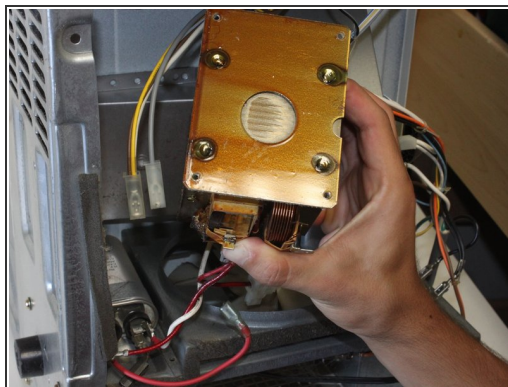
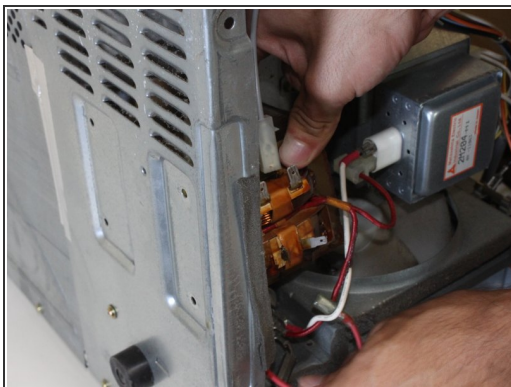
- Locate the transformer. The capacitor cannot be removed without removing the transformer first.
 - Locate and unhook all wires connecting the transformer to the rest of the microwave.
- ⚠ Take note of where each wire connects before disconnecting. Wiring a microwave incorrectly can cause serious damage.

Step 9



- Remove the four exterior screws securing the transformer to the microwave frame.

Step 10



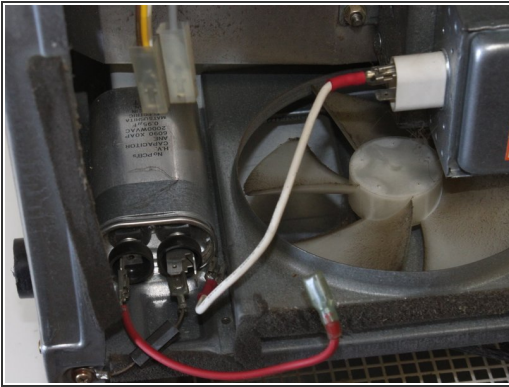
- Remove the transformer.

Step 11



- The metal band locking the capacitor in place can now be accessed. Locate and remove the screw securing the the metal band.
- Lift the metal band off the capacitor.

Step 12



- Remove the capacitor.

Step 13



- You can now install a replacement capacitor.
- Repeat all steps in reverse order to install a capacitor in a Quasar Microwave MQ7774XW (1984).

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