

## HOW TO REPLACE A BROKEN SWITCH IN THE MICROWAVE OVEN. MICROWAVE DOES NOT HEAT THE PRODUCTS - HOW TO TROUBLESHOOT A MICROWAVE OVEN

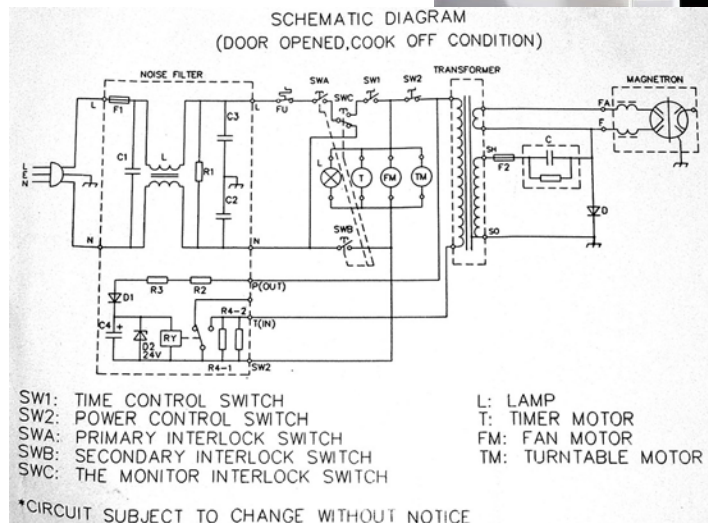
Almost every home today has a microwave in the kitchen. The microwave oven allows you to quickly heat up and also prepare food, while maintaining the value of the product. Let's talk further about the device, the principle of operation and repair of the microwave oven with their own hands.

### THE PRINCIPLE OF OPERATION OF THE MICROWAVE OVEN

Briefly consider the principle of operation of the microwave. The most important part of the microwave oven is the magnetron (MAGNETRON), see the diagram below. The magnetron is a lamp generator for microwave waves. A magnetron converts electrical energy into a superhigh-frequency electric field, which causes water molecules to move rapidly. As a result, the product warms up.

### SIMPLE MICROWAVE OVEN

### MECHANICAL CONTROL MICROWAVE OVEN (ROLSSEN)



### MICROWAVE OVEN RULES

When operating microwave ovens, you should follow the safety and operating instructions contained in the instructions attached to the microwave oven.

**Fundamental rules:** It is forbidden to turn on the microwave with the door open, close the ventilation holes, turn on the stove without food. Do not open the cabinet or remove the metal mesh from the door, etc. When repairing, always discharge the capacitance in the power supply circuits of the magnetron with one of the multimeter probes or a piece of insulated wire, do not leave metal chips, particles in the waveguide. It is also worth noting that the microwave must be kept clean from the outside, especially from the inside. If particles of splashing fat hit the mica surface, mica can burn out. But even with the [good care](#) for this device no one is immune from possible malfunctions. Below we list the main breakdowns of the microwave.

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