

How to Install Microwave

Tools Required

- Safety gear
- Screwdriver
- Wire connectors
- Utility knife
- Strain connectors

Step 1 – Check Your Local Codes

Before starting, do some research on your local electrical codes to make sure your oven and wiring project you want to complete is permissible. In addition, check your power supply. Your electric oven needs to run on an individual grounded circuit.

Step 2 – Turn off the Power

Locate the junction box you will be using to connect your household power with the oven. You must make sure that the circuit your oven will occupy is deactivated while you install it, or you could be severely injured.

Step 3 – Place the Unit

Before installing the oven, you must place it in its approximate final position.

Placing a Wall-Mounted Oven

If you're installing an oven that is wall-mounted, set the unit in its proper position. Do not connect the oven to the junction box before it is installed in the wall, or you will increase the strain on the wires.

Placing a Freestanding Oven

If you're installing a freestanding oven, move the oven in place enough that you can get behind it without putting unnecessary strain on the cables.

Step 4 – Locate the Wires

Push out the perforated access hole on the junction box to locate the four wires running through a large sheath from the back of the oven. Remove some wire insulation from each wire for proper connection with a utility knife. The wires should have roughly 1/4 inch exposed.

Step 5 – Make the Connections

Warning: Improper connections can result in a short circuit or fire so double-check to make sure all connections are tight.

Next, connect the wires to get the oven working. If local codes do not permit a frame-grounding connection to the neutral power-supply wire, connect the white wire from the oven to the corresponding white wire from the power supply. Ground the green or copper lead from the oven.

Using a Frame-Grounding Connector

If local codes permit you to connect a frame-grounding connector to the neutral wire, connect the green wire, or sometimes copper, and the white wire from the oven to the power-supply ground wire, usually white, inside the junction box. Fix the connection in place with a small screw.

Then, match the red wire from the oven to the corresponding red wire from the power supply. Repeat this process for the black wire. Finally, connect them using the wire connectors.

Step 6 – Finish Up

Re-secure the perforated piece of the access hole on the junction box. Then, re-activate the circuit breaker and turn on your electric oven to make sure it works.

If the oven is a stand-alone unit, move it into its appropriate position. If everything works, you're now ready to start using your electric oven.