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> GE WB27X1160 HV Diode for Microwave Instruction Manual

GE WB27X1160

GE WB27X1160 HV Diode for Microwave Instruction Manual

Model: WB27X1160

IMPORTANT SAFETY INFORMATION

WARNING: MICROWAVE OVENS CONTAIN HIGH VOLTAGE CAPACITORS THAT CAN RETAIN A LETHAL ELECTRICAL CHARGE EVEN WHEN THE APPLIANCE IS UNPLUGGED. SERIOUS INJURY OR DEATH CAN RESULT FROM CONTACT WITH THESE COMPONENTS.

ONLY QUALIFIED SERVICE TECHNICIANS SHOULD ATTEMPT REPAIRS OR REPLACEMENT OF INTERNAL MICROWAVE COMPONENTS. IF YOU ARE NOT A QUALIFIED TECHNICIAN, DO NOT ATTEMPT TO INSTALL THIS PART. CONSULT A PROFESSIONAL.

Always ensure the microwave oven is unplugged and the high-voltage capacitor is safely discharged before attempting any internal work. Failure to do so can result in severe electrical shock or death.

PRODUCT OVERVIEW

The GE WB27X1160 HV Diode is a genuine GE factory replacement part designed for use in compatible GE microwave ovens. This high-voltage diode is a critical component in the microwave's power supply circuit, essential for proper operation and heating.

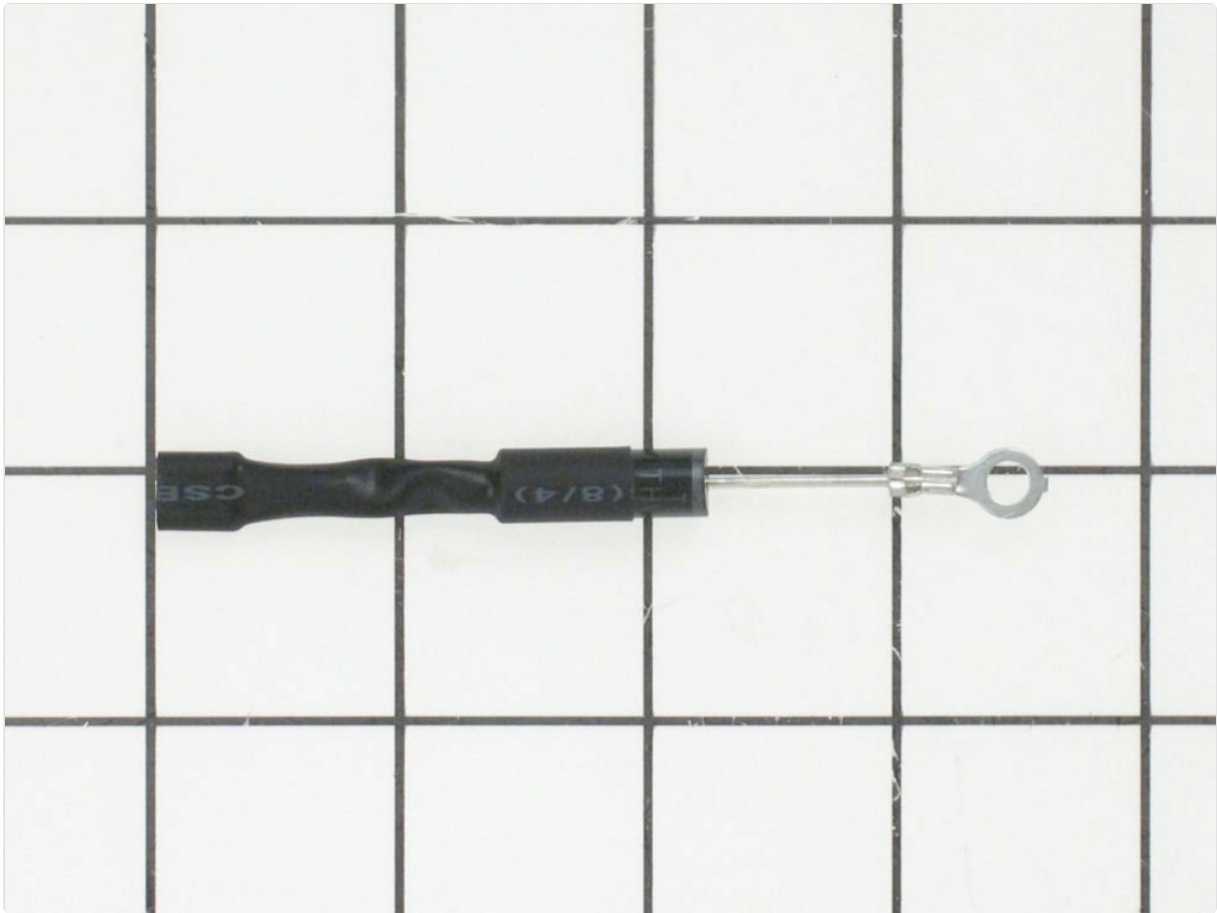


Image: GE WB27X1160 HV Diode. This image shows the physical appearance of the high-voltage diode, typically a cylindrical component with leads for connection.

Key Features:

- Genuine GE factory part
- High Voltage (HV) Diode
- Model Number: WB27X1160

SPECIFICATIONS

Brand Name	GE
Model Info	WB27X1160
Item Weight	0.176 ounces
Product Dimensions	4.1 x 0.8 x 4.1 inches
Part Number	WB27X1160

INSTALLATION

Due to the high voltage components within a microwave oven, installation of the GE WB27X1160 HV Diode should only be performed by a qualified and experienced appliance repair technician. Attempting to install this part without proper training and safety precautions can lead to severe injury or death.

If you are a qualified technician:

1. **Disconnect Power:** Always unplug the microwave oven from the electrical outlet before beginning any work.

2. **Discharge Capacitor:** Safely discharge the high-voltage capacitor using an appropriate tool. Verify the capacitor is fully discharged before proceeding.
3. **Locate Diode:** Identify the existing high-voltage diode, typically connected between the high-voltage capacitor and the microwave oven chassis or magnetron.
4. **Remove Old Diode:** Carefully disconnect the old diode, noting its orientation and connections.
5. **Install New Diode:** Connect the new GE WB27X1160 HV Diode in the same orientation as the original. Ensure all connections are secure.
6. **Reassemble and Test:** Reassemble the microwave oven, ensuring all covers and safety interlocks are correctly in place. Plug in the microwave and test its operation.

Refer to your specific microwave oven's service manual for detailed, model-specific instructions and diagrams.

MAINTENANCE

The GE WB27X1160 HV Diode is a sealed component and does not require routine user maintenance. If the diode fails, it must be replaced by a qualified technician. Do not attempt to repair the diode itself.

TROUBLESHOOTING

If your microwave oven is still not heating or exhibiting similar symptoms after replacing the HV Diode, consider the following:

- **Other Components:** The high-voltage capacitor or magnetron may also be faulty. These components often fail together or one can cause the other to fail.
- **Professional Diagnosis:** A qualified technician can accurately diagnose the root cause of the microwave's malfunction using specialized testing equipment.
- **Power Supply Issues:** Ensure the microwave is receiving adequate power from the wall outlet.

Always prioritize safety and consult a professional for complex troubleshooting.

WARRANTY INFORMATION

This GE WB27X1160 HV Diode comes with a **1-year manufacturer warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage resulting from improper installation, misuse, abuse, or unauthorized repairs.

SUPPORT

For technical assistance, warranty claims, or to locate a qualified service technician, please contact GE Appliances customer service.

You can find contact information on the official GE Appliances website: [GE Appliances Service & Support](#)