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› XXHCML WB24X799 Steam Gas Sensor Instruction Manual for GE Microwaves

XXHCML WB24X799

XXHCML WB24X799 Steam Gas Sensor Instruction Manual

For GE Microwave Ovens

1. INTRODUCTION

This manual provides essential information for the installation, operation, and troubleshooting of the XXHCML WB24X799 Steam Gas Sensor, a replacement part compatible with various GE microwave oven models. This sensor is designed to detect steam and humidity levels within the microwave cavity, enabling functions such as sensor cooking and preventing error messages related to steam sensing.

2. PRODUCT OVERVIEW

The WB24X799 Steam Gas Sensor is a critical component for the proper functioning of your GE microwave's advanced cooking features. When a microwave displays an error message indicating an 'OPEN steam sensor' or similar, it often signifies a malfunction of this part. Replacing the sensor can restore full functionality to your appliance.



Figure 2.1: Close-up view of the WB24X799 Steam Gas Sensor, showing its metallic mesh cap and electrical pins.

3. COMPATIBILITY AND REPLACEMENT PART NUMBERS

The WB24X799 Steam Gas Sensor is compatible with a range of GE microwave oven models. It replaces the following part numbers: AP2024309, 253789, AH237391, EA237391, PS237391, and WB24x0799.

Compatible Models include, but are not limited to:

- CVM517P2M1S1, CVM517P2M2S1, CVM517P3M1D1, CVM517P3M2D1, CVM517P4M1W2, CVM517P4M2W2, CVM521P2M1S1
- CVM9179EL1DS, CVM9179SL1SS, CVM9179SL2SS, CVM9215SL1SS, CVM9215SL2SS
- DVM7195BL1TS, DVM7195BL2TS, DVM7195DF1BB, DVM7195DF1WW, DVM7195DK1BB, DVM7195DK1WW, DVM7195DK2BB, DVM7195DK2WW, DVM7195EF1ES, DVM7195EK1ES, DVM7195EK2ES, DVM7195EK3ES, DVM7195EK4ES, DVM7195FL1DS, DVM7195FL2DS, DVM7195SF1SS, DVM7195SK1SS, DVM7195SK2SS, DVM7195SK3SS, DVM7195SK4SS
- JNM6171DF1BB, JNM6171DF1WW, JNM7196BL1TS, JNM7196BL2TS

WB24X799

Microwave Steam Gas Sensor

Fit for GE Microwave oven

Compatible Microwave Models:

CVM517P2M2S1	JNM7196BL1TS	JVM6177DF1BB	PNM9196SF1SS	PVM9179SK1SS
CVM517P3M1D1	JNM7196DK3WW	JVM7195BL1TS	PVM9179BL1TS	PVM9195DF1BB
CVM517P4M1W2	JNM7196DK4WW	JVM7195DF1CC	PVM9179BL2TS	PVM9195DF1CC
CVM521P2M1S1	JNM7196FL1DS	JVM7195DK1BB	PVM9179BL3TS	PVM9195DF1WW
CVM9179EL1DS	JNM7196SF1SS	JVM7195DK2BB	PVM9179DK1BB	PVM9195SF1SS
CVM9215SL1SS	JNM7196SK1SS	JVM7195DK3BB	PVM9179DK1WW	PVM9215DF1BB
DVM7195BL1TS	JVM6170DF1BB	JVM7195DK4BB	PVM9179DK2BB	PVM9215DF2WW
DVM7195DF1BB	JVM6172DF1BB	JVM7195EF1ES	PVM9179DK3BB	PVM9215DK1BB
DVM7195DK1BB	JVM6172SK1SS	JVM7195FL1DS	PVM9179DK4BB	PVM9215SF1SS
DVM7195EF1ES	JVM6175BL1TS	JVM7195RF1SB	PVM9179EK1ES	PVM9215SK1SS
DVM7195FL1DS	JVM6175EF1ES	JVM7195SK1SS	PVM9179EK3ES	ETC..
JNM6171DF1BB	JVM6175SK4SS	LVM6177DF1BB	PVM9179FL1DS	

Not all models listed



Figure 3.1: Partial list of compatible GE microwave models.

4. SPECIFICATIONS

Specification	Value
Brand	XXHCML
Model Number	WB24X799
Sensor Type	Electrochemical
Material	Metal
Product Dimensions (D x W x H)	0.75" x 0.75" x 0.83"
Item Weight	0.16 ounces (4.54 g)
Voltage	24 Volts
Wattage	835 Milliwatts

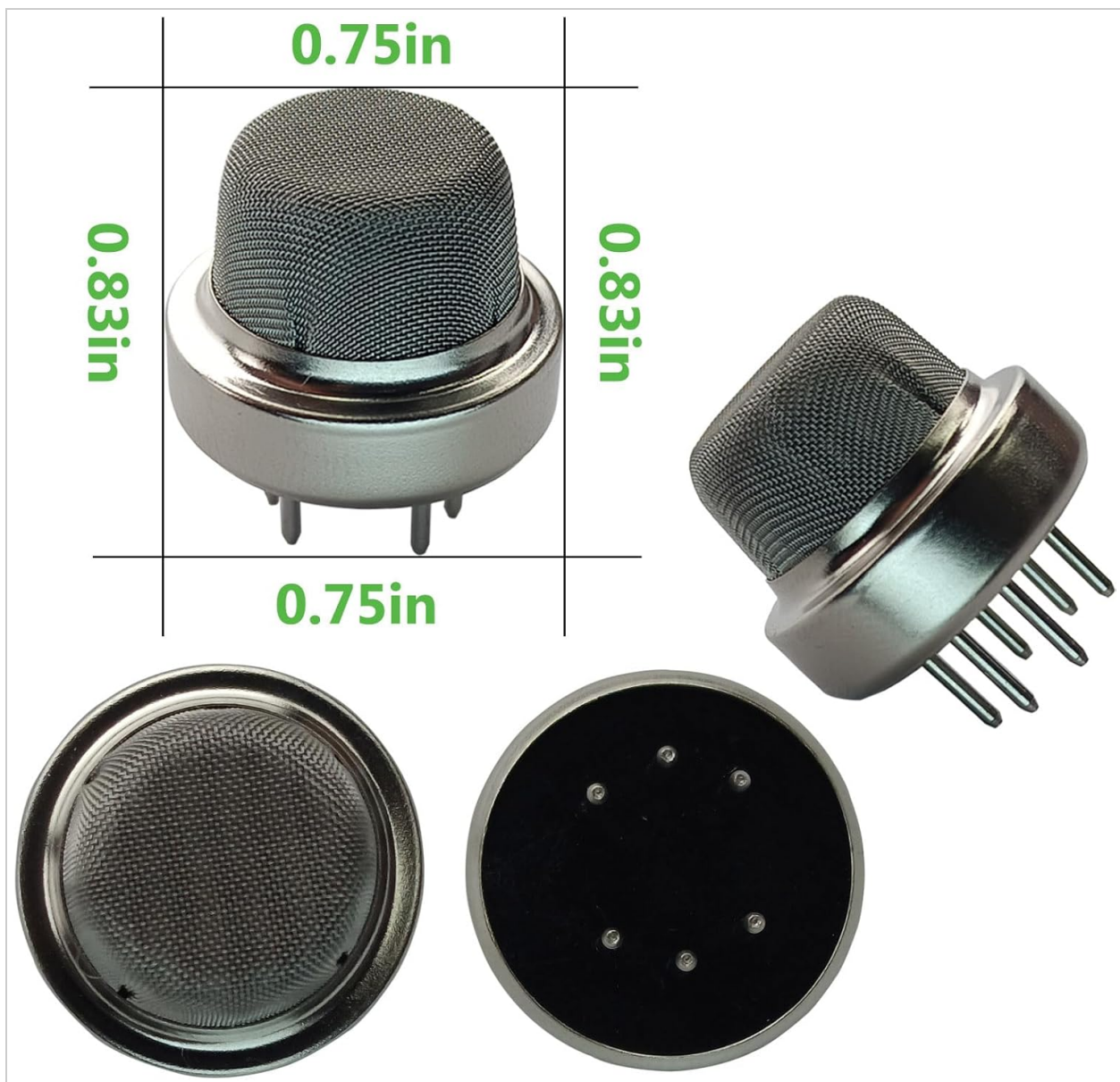


Figure 4.1: Dimensional diagram of the WB24X799 sensor.

5. INSTALLATION INSTRUCTIONS (SETUP)

Replacing the steam gas sensor is a repair that can often be performed by individuals with basic technical skills. However, always prioritize safety and consult a qualified technician if you are unsure.

Safety Precautions:

- **Always unplug the microwave oven from the power outlet before beginning any repair work.**
- Wear appropriate personal protective equipment, such as gloves.
- Handle components carefully to avoid damage.

Step-by-Step Installation:

1. **Disconnect Power:** Ensure the microwave oven is completely unplugged from the electrical outlet.
2. **Access the Sensor:** Depending on your specific GE microwave model, you may need to remove the outer casing, control panel, or internal components to access the steam gas sensor. Refer to your microwave's service manual for exact access procedures. The sensor is typically located near the top or side of the microwave cavity, often behind a vent or panel.
3. **Locate the Old Sensor:** Identify the existing WB24X799 sensor. It will have a metallic mesh cap and

several electrical pins connected to a wiring harness.

4. **Disconnect Wiring:** Carefully disconnect the electrical wiring harness from the old sensor. Note the orientation of the wiring if it is not keyed.
5. **Remove Old Sensor:** Unmount the old sensor from its position. This may involve unscrewing it or releasing clips.
6. **Install New Sensor:** Position the new XXHCML WB24X799 sensor in the same location and secure it.
7. **Connect Wiring:** Reconnect the electrical wiring harness to the new sensor, ensuring a secure connection.
8. **Reassemble Microwave:** Carefully reassemble any panels or casings that were removed. Ensure all screws and fasteners are tightened.
9. **Test Functionality:** Plug the microwave back into the power outlet. Test the microwave's functions, particularly those that rely on the steam sensor, such as sensor reheat or steam cooking modes.

WB24X799 Microwave Gas Sensor

If you getting an microwave steam sensor error
**You have failed steam
senor Just replace it**



Figure 5.1: Illustrative image of a steam sensor being positioned within a microwave oven.

6. OPERATING THE MICROWAVE WITH THE NEW SENSOR

Once the WB24X799 Steam Gas Sensor is correctly installed, your GE microwave oven's sensor-based functions should operate as intended. These functions typically include:

- **Sensor Reheat:** Automatically reheats food to an optimal temperature based on detected steam.
- **Sensor Cook:** Cooks various foods by monitoring humidity levels to determine doneness.
- **Steam Cook:** Utilizes steam for specific cooking tasks.

Refer to your GE microwave oven's user manual for specific instructions on how to use these sensor-enabled features.

7. MAINTENANCE

The WB24X799 Steam Gas Sensor is designed for durability and typically requires minimal maintenance. However, to ensure its longevity and accurate performance:

- **Keep Clean:** Periodically inspect the area around the sensor for food debris or grease buildup. Clean gently with a soft, damp cloth if necessary, ensuring no moisture enters the sensor itself.
- **Avoid Obstruction:** Ensure that the sensor's mesh cap is not obstructed by food, containers, or other items within the microwave cavity, as this can impair its ability to detect steam.

8. TROUBLESHOOTING

If you encounter issues after installing the WB24X799 Steam Gas Sensor, consider the following troubleshooting steps:

Common Issue: "Steam Sensor OPEN" Error Persists

- **Check Connections:** Ensure all electrical connections to the new sensor are secure and correctly oriented. A loose connection can prevent the sensor from communicating with the microwave's control board.
- **Verify Part Compatibility:** Double-check that the WB24X799 is the correct replacement part for your specific GE microwave model. While this sensor is widely compatible, some models may require a different part.
- **Inspect for Damage:** Visually inspect the new sensor for any physical damage that might have occurred during shipping or installation.
- **Reset Microwave:** Unplug the microwave for a few minutes and then plug it back in to perform a hard reset. This can sometimes clear persistent error codes.

If the problem persists after these steps, it is recommended to consult a qualified appliance repair technician.

WB24X799 Microwave Gas Sensor

Replacement Part Number

AP2024309, 253789, AH237391

EA237391, PS237391, TGS880



Figure 8.1: A professional technician can assist with complex issues.

9. SAFETY INFORMATION

- Always disconnect power to the appliance before servicing.
- Do not attempt repairs if you are not comfortable with electrical work or appliance disassembly.
- Ensure all components are correctly installed and secured before restoring power.
- Keep children and pets away from the appliance during repair.

10. WARRANTY AND SUPPORT

For warranty information or technical support regarding your XXHCML WB24X799 Steam Gas Sensor, please contact the manufacturer directly through their official channels. Keep your purchase receipt as proof of purchase.

