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## Kichvoe 0040FJFGR83Q15N2EOV4UWLM

# Kichvoe Induction Cooker Repair Temperature Sensor User Manual

Brand: Kichvoe | Model: 0040FJFGR83Q15N2EOV4UWLM

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of the Kichvoe Induction Cooker Repair Temperature Sensor. This component is designed to restore or enhance the temperature monitoring capabilities of compatible induction cookers, ensuring optimal performance and safety. Please read this manual thoroughly before proceeding with any installation or repair.

## PRODUCT FEATURES

- Designed to enhance the performance and durability of the stove, ensuring a longer lifespan.
- Stove Surface Sensor is a must-have addition to your induction cooktop, providing you with good cooking experience.
- Users can enjoy a prolonged lifespan of their stove while maintaining optimal cooking conditions.
- Designed for easy installation and is compatible with various brands and models of stoves.
- Adopting from plastic, metal material, which is lightweight, with and good workmanship.

## SPECIFICATIONS

Brand	Kichvoe
Model Number	0040FJFGR83Q15N2EOV4UWLM
Material	Plastic, Metal
Color	Assorted Color
Product Dimensions	1.06"D x 1.06"W x 1.06"H (approx. 2.7cm x 2.7cm x 2.7cm)
Item Weight	0.16 ounces (approx. 4.54 g)

Included Components	Temperature Sensor with wiring
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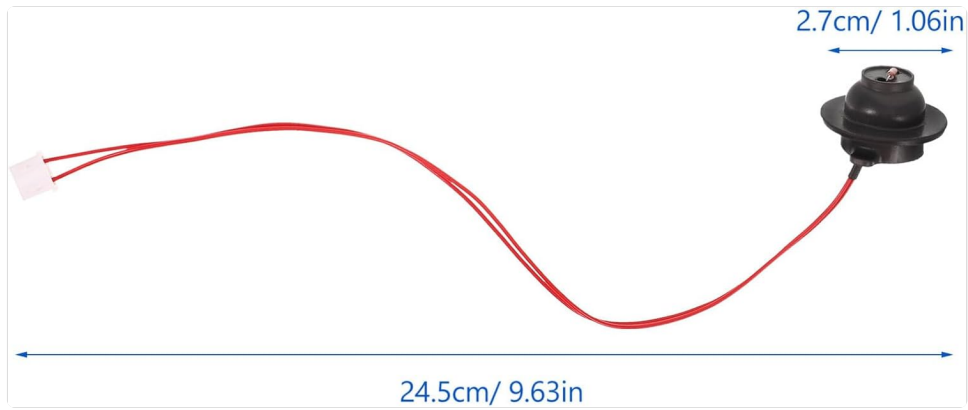


Image: Detailed dimensions of the temperature sensor, showing its compact size and wire length.

## INSTALLATION GUIDE

**Important Safety Information:** Before beginning any repair or installation, ensure the appliance is completely disconnected from the power source. If you are unsure about any step, consult a qualified technician. Always wear appropriate personal protective equipment.

- 1. Prepare the Work Area:** Clear the area around the induction cooker. Ensure adequate lighting and space to work safely.
- 2. Access the Cooker's Interior:** Depending on your induction cooker model, you may need to remove the top glass panel or access the internal components from the bottom or rear. Refer to your cooker's specific service manual for detailed disassembly instructions.



Image: A technician carefully lifting an induction cooktop from a counter, illustrating the initial step of accessing the appliance's interior for repair or component replacement.

3. **Locate the Existing Temperature Sensor (if applicable):** Identify the old temperature sensor. It is typically located near the heating coil or directly beneath the cooktop surface, often connected by a small wire harness.
4. **Disconnect the Old Sensor:** Carefully disconnect the wiring harness from the old sensor. Note its orientation and connection points for proper reinstallation.
5. **Install the New Sensor:** Position the Kichvoo temperature sensor in the designated location. Ensure it is securely seated and oriented correctly.



Image: A hand holding the Kichvoo temperature sensor, positioned near an induction cooktop that is undergoing repair, demonstrating the component's placement during installation.

6. **Connect the Wiring:** Connect the new sensor's wiring harness to the corresponding port on the induction cooker's control board. Ensure the connection is firm and secure.



Image: The Kichvov temperature sensor resting on a kitchen countertop, with an induction cooktop in the background, indicating its readiness for installation or post-installation presence.

7. **Reassemble the Cooker:** Carefully reassemble the induction cooker, ensuring all panels and screws are properly secured. Do not force any components.
8. **Test Functionality:** Once reassembled, reconnect the induction cooker to the power source and perform a test to ensure the temperature sensor is functioning correctly and the cooker operates as expected.

## OPERATING PRINCIPLES

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The Kichvov Induction Cooker Repair Temperature Sensor is a passive component designed to accurately measure the temperature of the induction cooktop surface or internal components. It transmits this temperature data to the cooker's main control board. The control board then uses this information to regulate heating, prevent overheating, and ensure safe and efficient operation. As a sensor, it does not require active user operation; its function is entirely integrated into the cooker's system.

## MAINTENANCE

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The temperature sensor itself requires minimal maintenance. However, to ensure its longevity and accurate performance, consider the following:

- **Regular Inspection:** During any routine maintenance or cleaning of your induction cooker, visually inspect the sensor and its wiring for any signs of damage, corrosion, or loose connections.
- **Keep Area Clean:** Ensure the area around the sensor within the cooker is free from dust, debris, or food particles that could interfere with its operation or cause overheating.
- **Avoid Physical Damage:** Be careful when handling internal components of the cooker to avoid bending or damaging the sensor or its delicate wiring.

## TROUBLESHOOTING

If you experience issues with your induction cooker after installing the temperature sensor, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Cooker not heating or displaying error code related to temperature.	Sensor not properly connected, faulty sensor, or incorrect sensor type.	<ol style="list-style-type: none"><li>1. Ensure the sensor's connector is fully seated and secure.</li><li>2. Verify that the sensor is the correct replacement part for your cooker model.</li><li>3. If issues persist, the sensor may be faulty and require replacement.</li></ol>
Cooker overheating or shutting down unexpectedly.	Sensor providing inaccurate readings or poor contact with the surface it's monitoring.	<ol style="list-style-type: none"><li>1. Check the sensor's physical placement to ensure it has good contact with the surface it's designed to measure.</li><li>2. Inspect for any debris or foreign objects obstructing the sensor.</li><li>3. If the problem continues, the sensor might be defective.</li></ol>
Loose or damaged wiring.	Physical stress or improper handling during installation.	<ol style="list-style-type: none"><li>1. Carefully inspect the red wires and the white connector for any cuts, pinches, or loose connections.</li><li>2. If damage is found, the sensor unit will need to be replaced.</li></ol>



Image: A composite image displaying the Kichvov temperature sensor alongside different installation contexts, including a close-up of the connector, the sensor on a countertop, and a technician working on an appliance.

## WARRANTY AND SUPPORT

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Kichvov stands behind the quality of its products. This temperature sensor is covered by a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty terms, duration, and to initiate a warranty claim, please refer to the product packaging or contact Kichvov customer support directly.

For technical assistance, troubleshooting beyond this manual, or to inquire about replacement parts, please visit the official Kichvov website or contact their customer service department. When contacting support, please have your product model number (0040FJFGR83Q15N2EOV4UWLM) and purchase information ready.

You can find more information about Kichvov products and support at: [Kichvov Official Store on Amazon](#)

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