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› Kenmore 9001954015 Water Heater Thermostat Instruction Manual

## Kenmore 9001954015

# Kenmore Water Heater Thermostat Instruction Manual

Model: 9001954015

Brand: Kenmore

## PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of your Kenmore 9001954015 Water Heater Thermostat. This genuine original equipment manufacturer (OEM) part is designed to replace models 100108683 and W66001254, ensuring proper temperature regulation for your water heater.

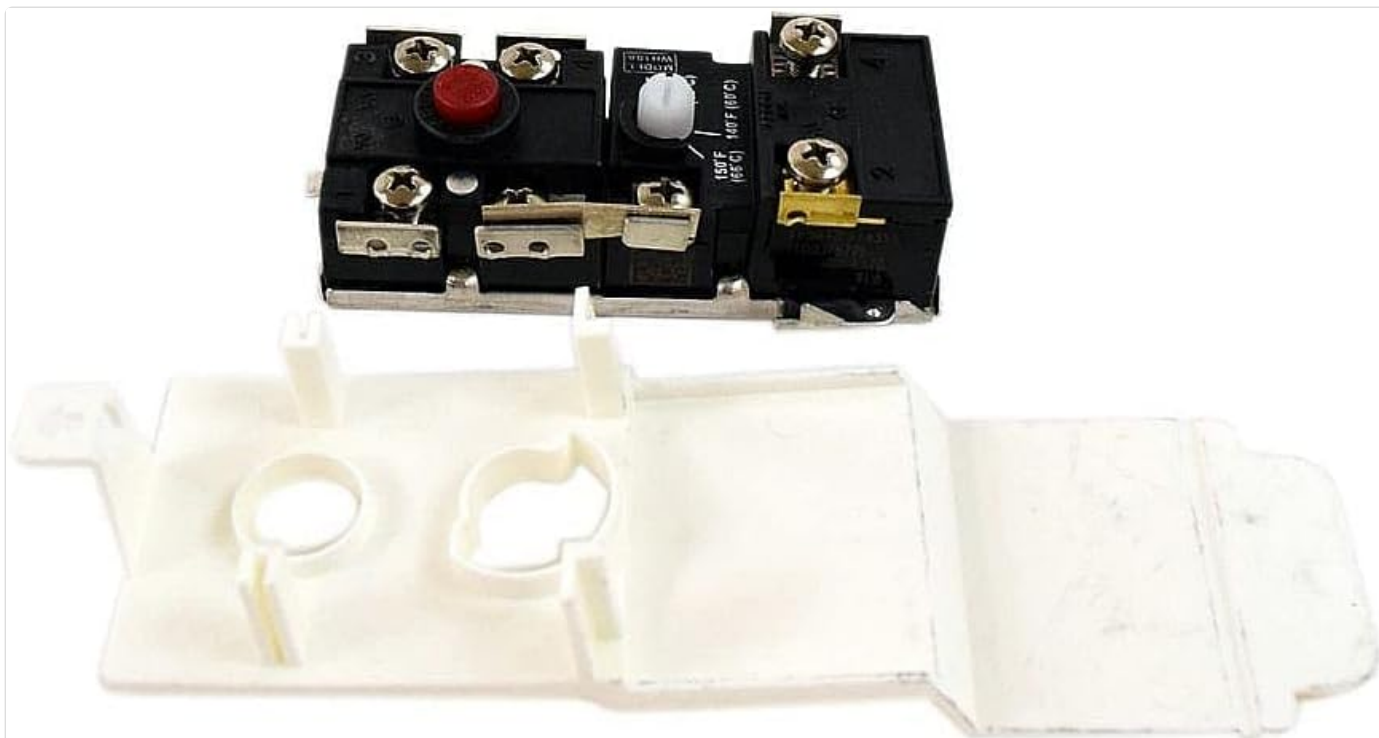


Image: Front view of the Kenmore 9001954015 Water Heater Thermostat, showing the red reset button and terminal connections.

## SAFETY INFORMATION

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**WARNING:** Before attempting any installation, maintenance, or troubleshooting, ensure the power supply to the water heater is completely disconnected at the circuit breaker or fuse box. Failure to do so can result in electric shock, serious injury, or death.

- Always disconnect power before servicing.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and insulated gloves.
- If you are unsure about any step, consult a qualified electrician or plumber.
- Ensure the water heater has cooled down sufficiently before handling components to avoid burns.

## SETUP AND INSTALLATION

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This thermostat is a critical component for regulating water temperature. Proper installation is essential for safe and efficient operation.

# Does your part fit?



Many replacement parts  
look the same  
**but won't fit your model.**

**Don't be fooled!**

Check your  
model number  
**before** you buy.

Image: A stop sign graphic emphasizing the importance of checking your water heater's model number to ensure part compatibility before installation.

## **Pre-Installation Check:**

Before beginning, verify that this thermostat is the correct replacement part for your specific water heater model. Refer to your water heater's manual or the manufacturer's specifications to confirm compatibility.

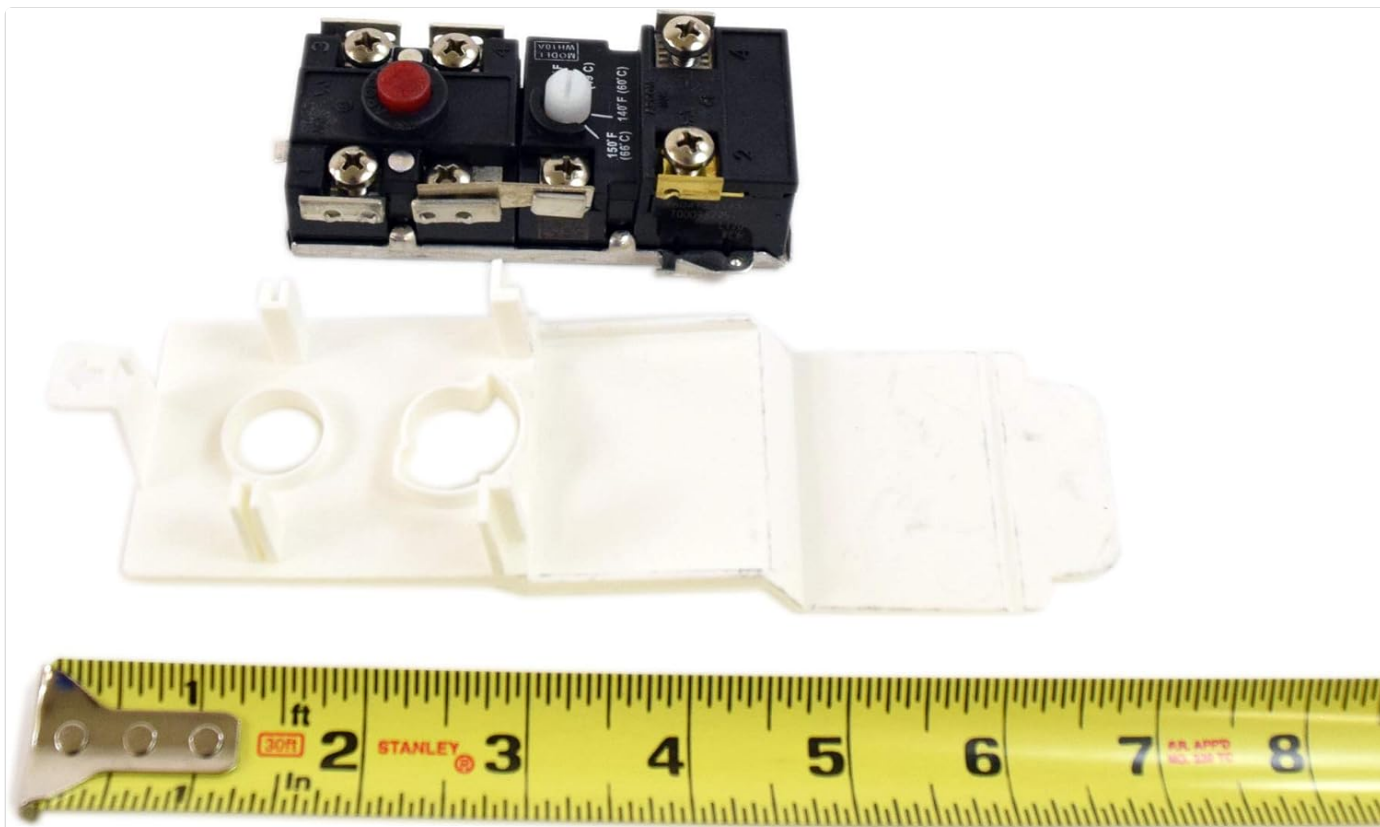


Image: The Kenmore water heater thermostat shown next to a measuring tape, indicating its approximate dimensions for fitment verification.

## Installation Steps:

1. **Disconnect Power:** Turn off the electricity to the water heater at the main circuit breaker. Confirm power is off using a voltage tester.
2. **Access Thermostat:** Locate the access panels on your water heater. Remove the outer and inner access panels to expose the thermostat and heating elements.
3. **Disconnect Wires:** Carefully disconnect the electrical wires from the old thermostat. Note the position of each wire for correct re-connection. Taking a photo can be helpful.
4. **Remove Old Thermostat:** Slide the old thermostat out of its mounting clips.
5. **Install New Thermostat:** Slide the new Kenmore 9001954015 thermostat into the mounting clips, ensuring it is securely seated.
6. **Reconnect Wires:** Reconnect the electrical wires to the new thermostat in their original positions. Ensure all connections are tight and secure.
7. **Replace Panels:** Reinstall the inner and outer access panels.
8. **Restore Power:** Turn the electricity back on at the main circuit breaker.

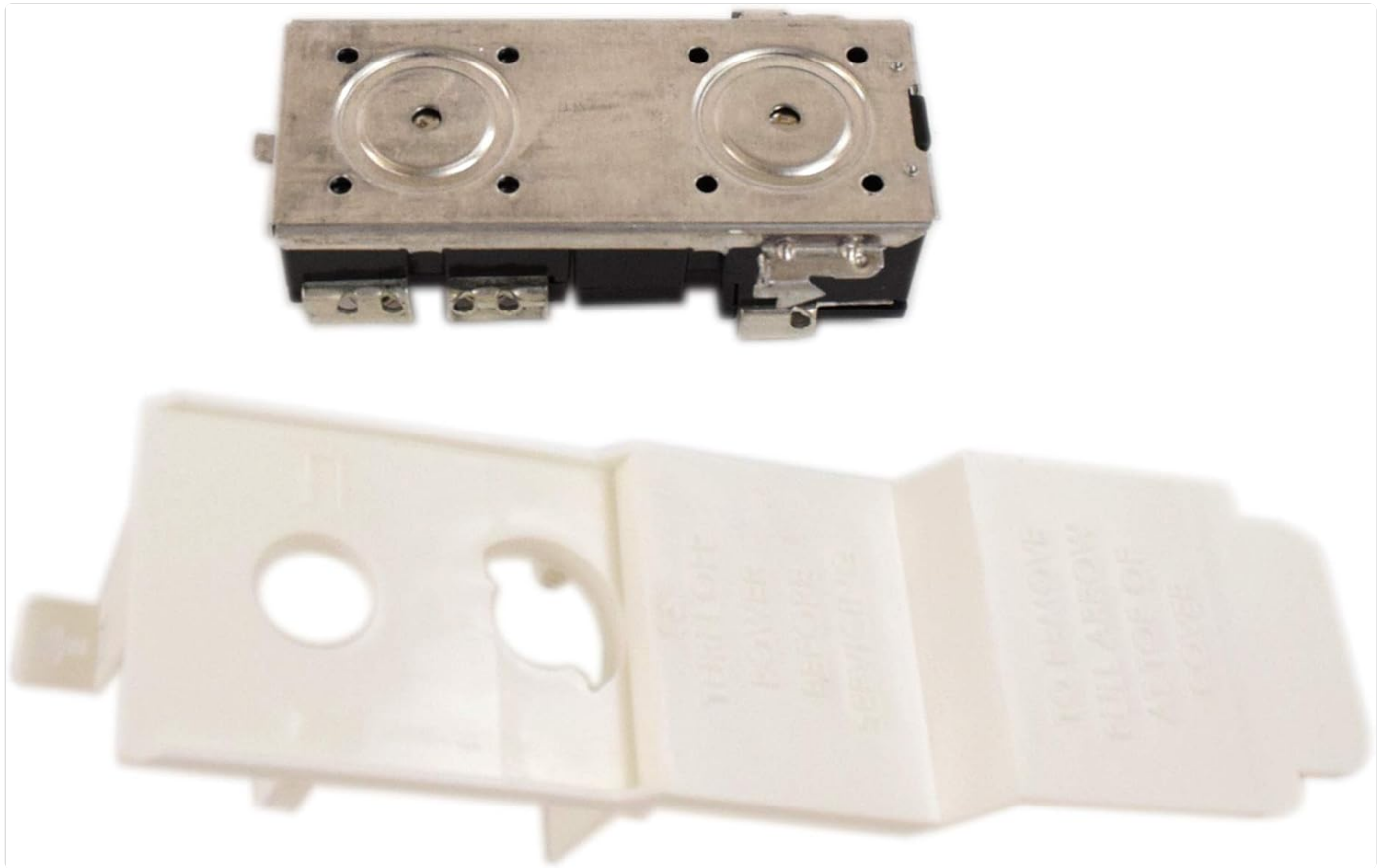


Image: Rear view of the Kenmore water heater thermostat, showing the contact points and the protective cover, which typically houses the wiring connections.

## OPERATING INSTRUCTIONS

The Kenmore 9001954015 thermostat is designed to automatically regulate the water temperature within your water heater. Once installed, it continuously monitors the water temperature and activates or deactivates the heating elements to maintain the desired setting.

### Temperature Adjustment:

Most water heater thermostats have a temperature dial or setting. Refer to your water heater's specific manual for instructions on how to adjust the temperature. The recommended temperature setting for most households is between 120°F (49°C) and 125°F (52°C) to balance comfort and energy efficiency while minimizing the risk of scalding.

### Resetting the Thermostat:

If your water heater stops producing hot water, the thermostat's high-limit switch may have tripped. This is a safety feature. To reset, ensure power is off, locate the red reset button on the thermostat (as shown in the product overview image), and press it firmly. Restore power after resetting.

## MAINTENANCE

The thermostat itself typically requires no routine maintenance. However, regular maintenance of your water heater can prolong the life of all its components, including the thermostat.

- **Annual Flush:** Drain and flush your water heater annually to remove sediment buildup, which can affect heating efficiency and thermostat performance.
- **Inspect for Leaks:** Periodically check around the thermostat and heating elements for any signs of water leaks.

- **Check Wiring:** During any water heater inspection (with power off), ensure all electrical connections to the thermostat are secure and free from corrosion.

## TROUBLESHOOTING

If you experience issues with your water heater's temperature, the thermostat may be a factor. Always ensure power is disconnected before inspecting components.

| Problem                        | Possible Cause                                                | Solution                                                                               |
|--------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------------------|
| No Hot Water                   | Thermostat tripped (high-limit switch)                        | Press the red reset button on the thermostat (after disconnecting power).              |
| No Hot Water                   | Faulty thermostat                                             | Test the thermostat with a multimeter. Replace if faulty.                              |
| Water Too Hot or Too Cold      | Incorrect temperature setting                                 | Adjust the temperature dial on the thermostat.                                         |
| Water Too Hot or Too Cold      | Faulty thermostat                                             | Test the thermostat. Replace if it's not regulating temperature correctly.             |
| Thermostat constantly tripping | Overheating due to faulty heating element or sediment buildup | Inspect heating elements and flush the tank. Consult a professional if issues persist. |

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified appliance technician or plumber.

## SPECIFICATIONS

| Attribute             | Value                  |
|-----------------------|------------------------|
| Brand                 | Kenmore                |
| Model Number          | 9001954015             |
| Replaces Part Numbers | 100108683, W66001254   |
| Color                 | Black                  |
| Style                 | Indoor Installation    |
| Mounting Type         | Wall                   |
| Is Electric           | Yes                    |
| Item Weight           | 5.6 ounces             |
| Package Dimensions    | 7.5 x 5.2 x 1.5 inches |
| Item Package Quantity | 1                      |
| Batteries Included?   | No                     |
| Batteries Required?   | No                     |

## WARRANTY AND SUPPORT

For specific warranty information regarding your Kenmore 9001954015 Water Heater Thermostat, please refer to the documentation included with your purchase or visit the official Kenmore website. Warranty terms and conditions may vary.

For technical support or further assistance, please contact Kenmore customer service or a certified appliance repair professional.

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