Whirlpool 12001676

Whirlpool 12001676 Receptacle Kit Instruction Manual

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of the Whirlpool 12001676 Receptacle Kit. This is a genuine replacement part designed to connect the wire harness to the surface element of compatible appliances. Replacing this part can resolve issues with surface elements working intermittently.



Image 1.1: Whirlpool 12001676 Range Ceramic Terminal Block Kit. This image shows the receptacle kit components (receptacle, wires, wire nuts, screws, and bracket) superimposed over a modern kitchen range and dishwasher, illustrating its application in a home appliance setting.

2. Safety Information

Always prioritize safety when working with electrical appliances. Failure to follow these instructions could result in electric shock, fire, or personal injury.

- **Disconnect Power:** Before beginning any installation or maintenance, ensure the appliance's power supply is completely disconnected at the circuit breaker or fuse box.

- **Qualified Personnel:** Installation and repairs should ideally be performed by a qualified technician.
- **Proper Tools:** Use appropriate tools for the task to prevent damage to the part or appliance.
- **Inspect Components:** Before installation, inspect all components for any signs of damage. Do not install damaged parts.
- **Material Awareness:** Be aware that some older receptacle kits may have been made of plastic, which can melt under extreme heat. This replacement part is designed for durability.

3. Package Contents

The Whirlpool 12001676 Receptacle Kit typically includes the following components:

- 1x Receptacle with pre-attached wires
- 2x Wire Nuts
- 2x Mounting Screws
- 1x L-shaped Mounting Bracket

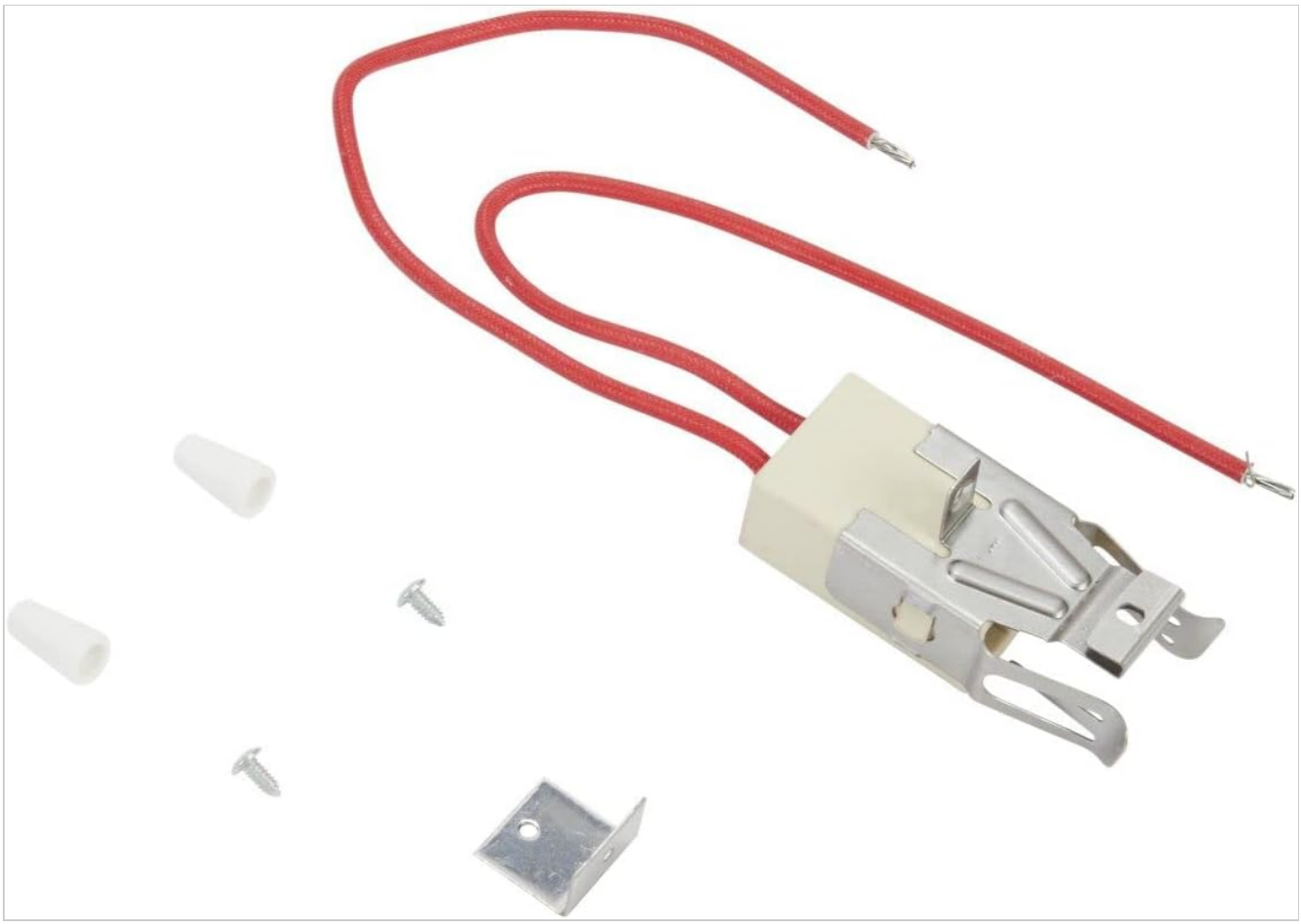


Image 3.1: Contents of the Whirlpool 12001676 Receptacle Kit. This image displays the main components: the receptacle with red wires, two white wire nuts, two silver screws, and a small silver L-shaped mounting bracket.

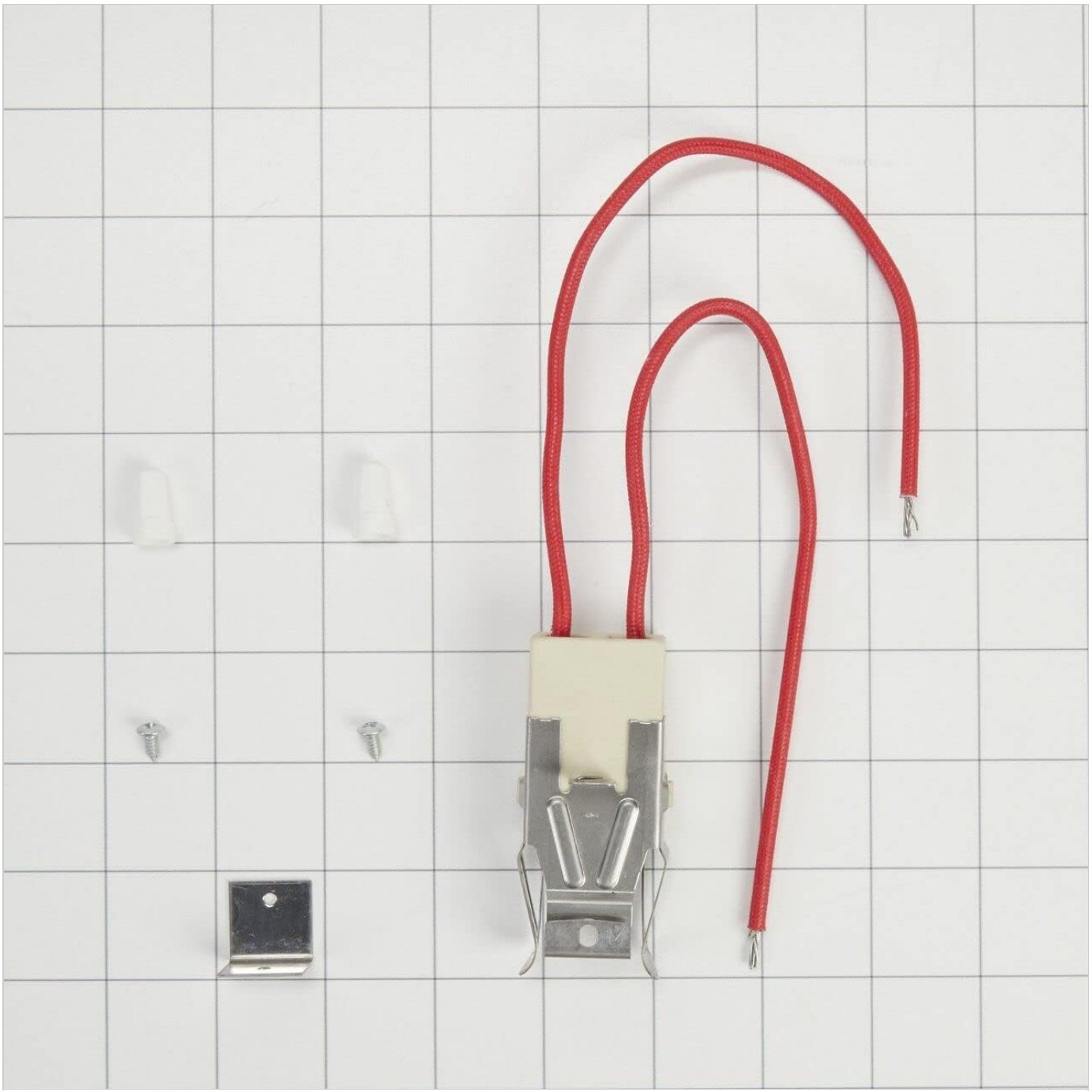


Image 3.2: Receptacle Kit components. This image shows the receptacle, wires, wire nuts, screws, and L-bracket laid out on a white grid background for clear visibility of each item.



Image 3.3: Close-up of a mounting screw. This image provides a detailed view of one of the silver mounting screws included in the kit, shown against a grid background.

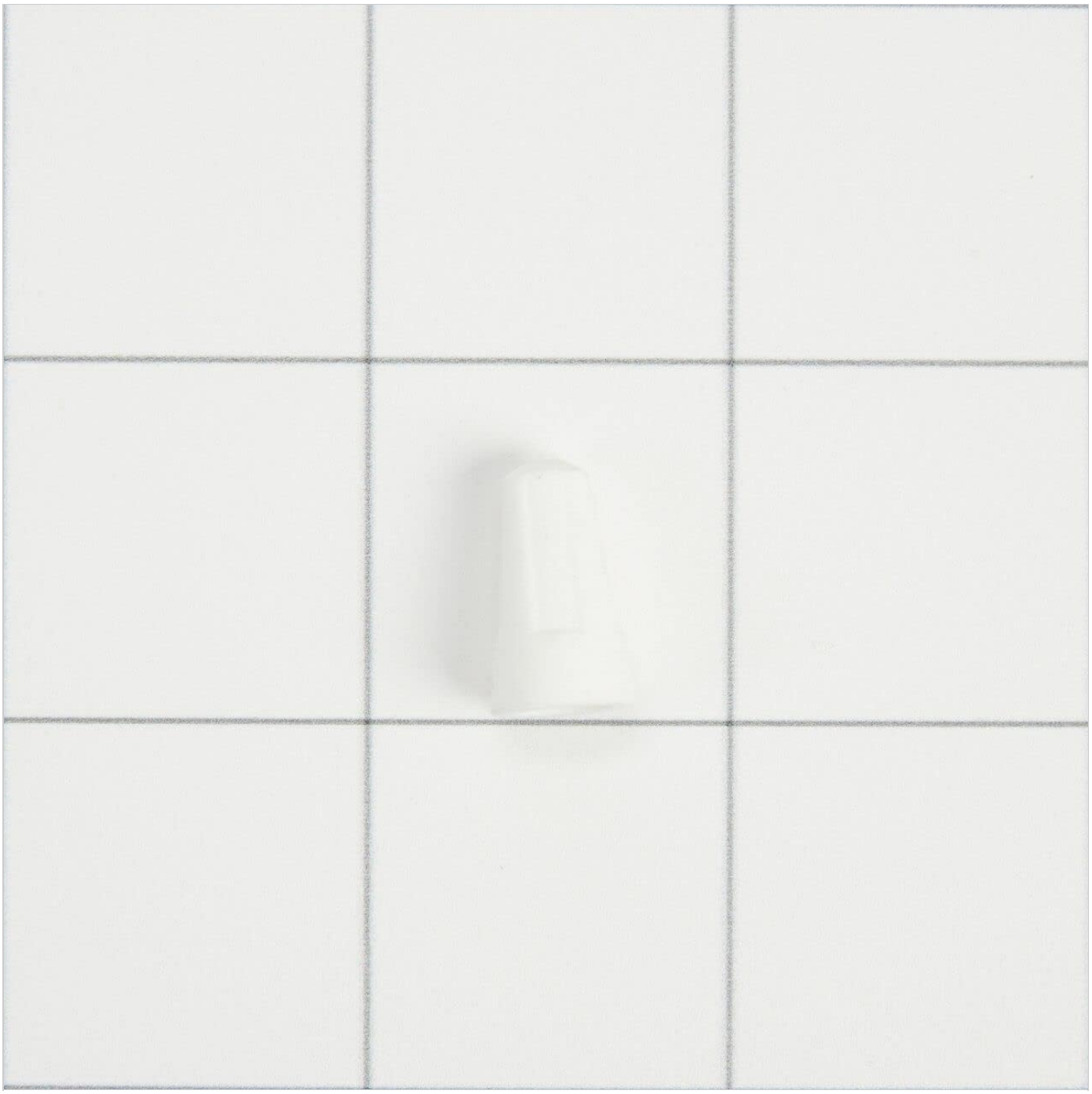


Image 3.4: Close-up of a wire nut. This image shows one of the white wire nuts from the kit, designed for securing electrical connections, displayed on a grid background.



Image 3.5: Close-up of the L-shaped mounting bracket. This image details the small silver L-bracket, used for securing the receptacle, presented on a grid background.

4. Installation Instructions

This section outlines the general steps for installing the Whirlpool 12001676 Receptacle Kit. Specific appliance models may vary, so always refer to your appliance's service manual for detailed instructions.

1. **Disconnect Power:** **CRITICAL:** Before starting, ensure the appliance is completely disconnected from its power source. Turn off the circuit breaker or unplug the appliance.
2. **Access the Old Receptacle:** Depending on your appliance model (e.g., range, cooktop), you may need to remove the cooktop, burner elements, or access panels to reach the existing receptacle.
3. **Remove Old Receptacle:** Carefully disconnect the wires from the old receptacle. Note the wiring configuration if possible. Remove any mounting screws or brackets securing the old receptacle.
4. **Prepare Wires:** If the existing wires are damaged or require trimming, prepare them for connection to the new receptacle. The new receptacle comes with pre-attached wires.

5. **Connect New Receptacle:** Use the provided wire nuts to connect the wires from the new receptacle to the appliance's wire harness. Ensure connections are secure and insulated. Some installations may benefit from using heat-shrink tubing for added insulation and security.
6. **Mount New Receptacle:** Secure the new receptacle using the provided mounting screws and L-bracket. Ensure it is firmly in place and does not interfere with other components.
7. **Test Fit Element:** Before reassembling the appliance, gently insert a burner element into the new receptacle to ensure proper fit. Some users have noted that the guide fins on the receptacle may require precise alignment with the element prongs.
8. **Reassemble Appliance:** Carefully reassemble any removed panels or components.
9. **Restore Power:** Once fully reassembled, restore power to the appliance and test the functionality of the burner element.

5. Operation

The Whirlpool 12001676 Receptacle Kit functions as a critical electrical connection point for your appliance's surface heating elements. Once correctly installed, it facilitates the flow of electricity to the burner, allowing it to heat up when activated by the appliance's controls. No direct user operation of the receptacle itself is required.

6. Maintenance

Regular maintenance of the receptacle kit is generally not required. However, periodic inspection during routine appliance cleaning or service is recommended:

- **Visual Inspection:** Check for any signs of discoloration, melting, or damage to the receptacle body or wires.
- **Connection Integrity:** Ensure that the burner element prongs fit securely into the receptacle. Loose connections can lead to arcing and damage.
- **Cleanliness:** Keep the area around the receptacle free from food debris or spills, which could potentially cause issues.

7. Troubleshooting

If you experience issues after installing the Whirlpool 12001676 Receptacle Kit, consider the following:

- **Burner Not Heating:**
  - Verify that the appliance has power.
  - Ensure all wire connections are secure and properly insulated.
  - Check if the burner element itself is faulty.
- **Intermittent Heating:**
  - This part is designed to address intermittent heating issues. If the problem persists, re-check all connections.
  - Ensure the burner element is fully seated in the receptacle.
- **Difficulty Inserting/Removing Element:**
  - Ensure the element is aligned correctly with the receptacle's guide fins. Avoid forcing the element, as this can damage the receptacle.
- **Signs of Melting or Burning:**
  - Immediately disconnect power to the appliance.
  - This indicates a serious issue, potentially due to a faulty element, loose connection, or incorrect part. Consult a

qualified technician.

If troubleshooting steps do not resolve the issue, contact Whirlpool customer support or a certified appliance technician.

8. Specifications

Brand	Whirlpool
Model Number	12001676
Part Number	12001676
Item Weight	0.01 ounces
Product Dimensions	1.5 x 2.5 x 3.5 inches
Compatible Devices	WHIRLPOOL, MAYTAG, AMANA, MAGIC CHEF, ADMIRAL, CROSLEY
Date First Available	July 30, 2008

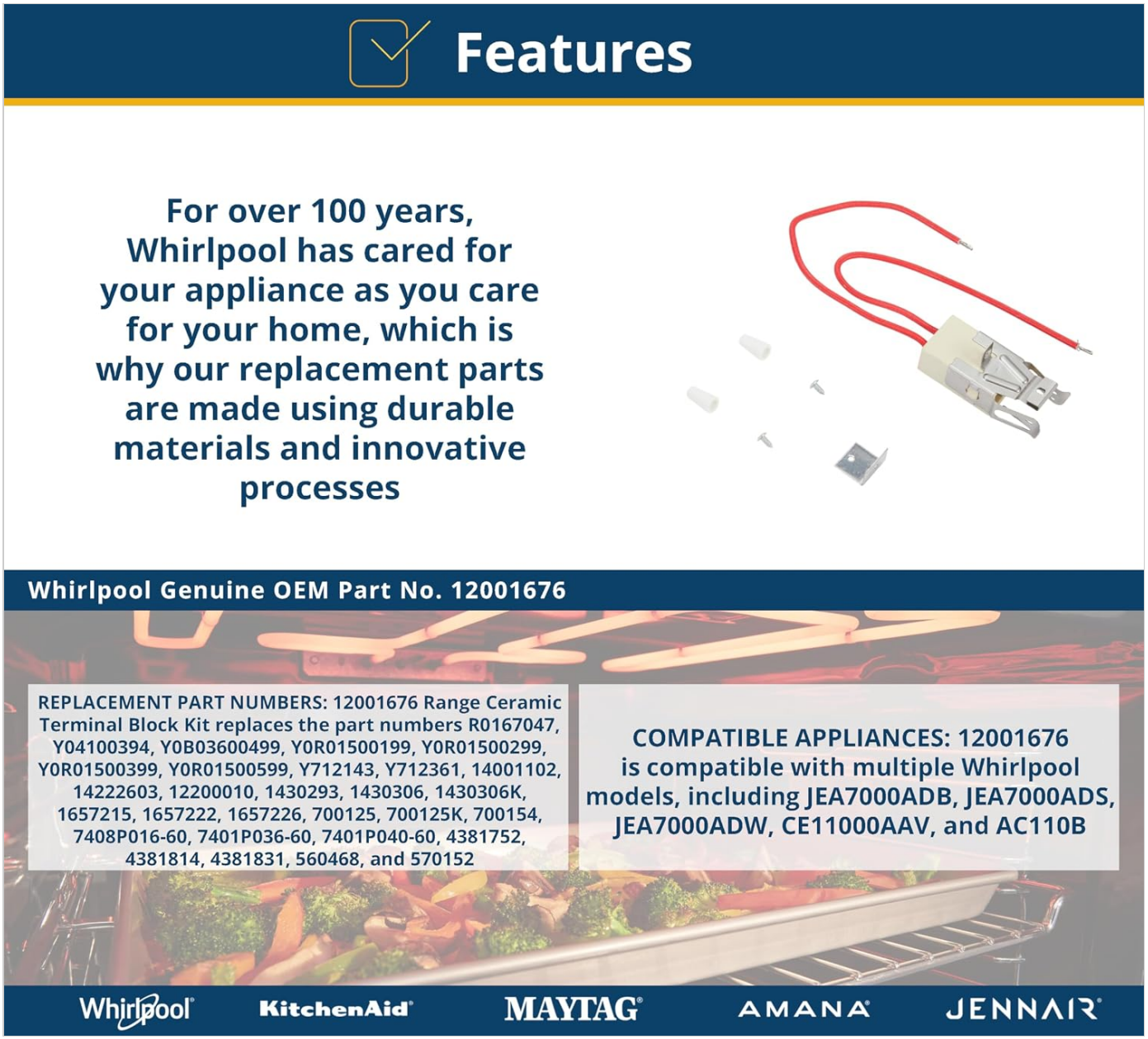


Image 8.1: Compatible Appliances and Features. This image highlights that the 12001676 part is compatible with multiple Whirlpool models

and other brands like Maytag, Amana, and JennAir, and lists some specific Whirlpool model numbers.

9. Warranty and Support

For information regarding the warranty of the Whirlpool 12001676 Receptacle Kit, please refer to the documentation provided with your original appliance or contact Whirlpool customer support directly. As a genuine OEM part, it is designed to meet Whirlpool's quality standards.



Image 9.1: OEM Parts Information. This image explains that Original Equipment Manufacturer (OEM) parts, such as this Whirlpool kit, are specifically designed by the manufacturer for their products, ensuring compatibility and quality across brands like Whirlpool, Maytag, KitchenAid, Amana, and JennAir.

Whirlpool Customer Support: For technical assistance, parts inquiries, or warranty claims, please visit the official Whirlpool website or contact their customer service line.

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