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KitchenAid 9706648

KitchenAid Speed-Control Parts Instruction Manual

Model: 9706648

Brand: KitchenAid

PRODUCT OVERVIEW

This is an O.E.M. authorized replacement speed-control part designed for various KitchenAid mixer models. Identified by OEM Part Number 9706648, this component is manufactured in the United States and is crucial for regulating the speed of your KitchenAid appliance.

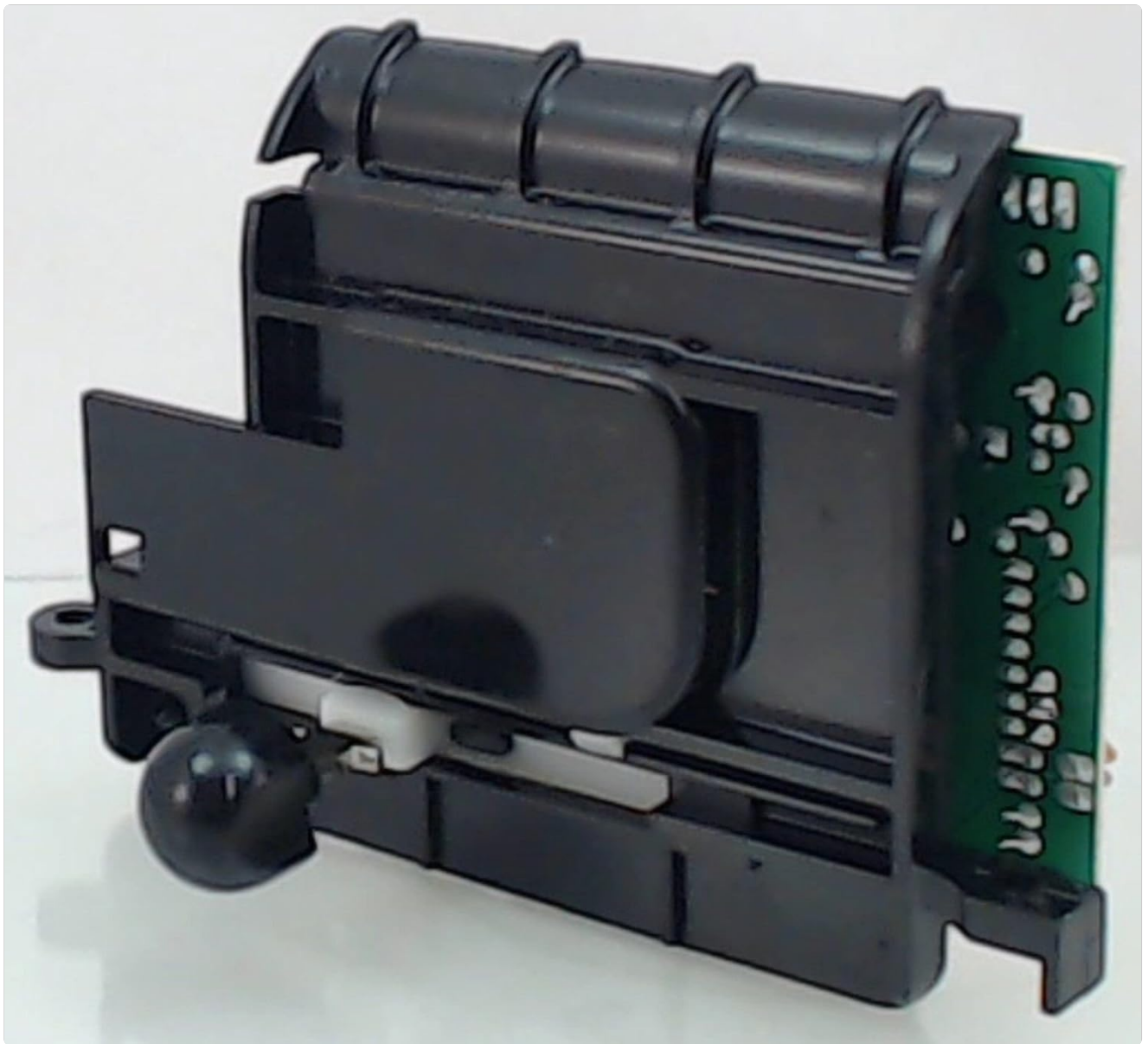
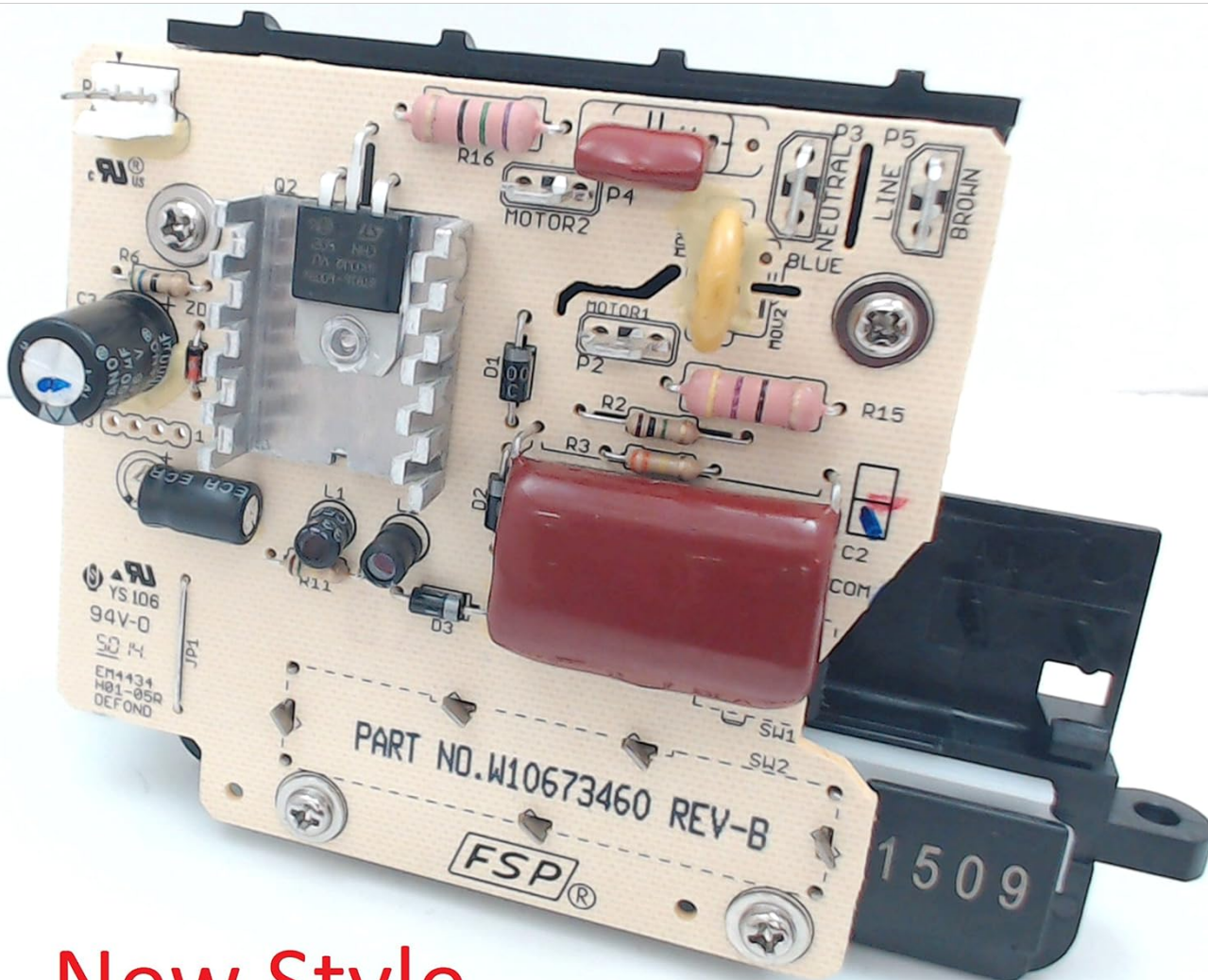


Figure 1: General view of the KitchenAid Speed-Control Replacement Part.



Old Style

Figure 2: Close-up of an older style KitchenAid speed-control board, showing component layout and wiring points.



New Style

Figure 3: Close-up of a newer style KitchenAid speed-control board, highlighting potential differences in wiring layout compared to older versions.

SETUP & INSTALLATION

Replacing the speed control part requires careful attention to detail. Always ensure the mixer is unplugged from the power outlet before beginning any installation or repair work to prevent electrical shock.

General Installation Steps:

1. **Safety First:** Disconnect the mixer from the power supply.
2. **Access the Component:** Carefully disassemble the mixer housing to gain access to the existing speed control board. This typically involves removing screws from the back and top cover.
3. **Disconnect Wiring:** Note the position and color of all wires connected to the old speed control board. It is highly recommended to take photos or draw a diagram before disconnecting any wires. Be aware that wiring layouts may differ between old and new style boards (refer to Figure 2 and Figure 3).
4. **Remove Old Part:** Unscrew and remove the old speed control board from its mounting.
5. **Install New Part:** Secure the new speed control board in place.
6. **Connect Wiring:** Connect the wires to the new board according to your documented diagram. Double-check

all connections to ensure they are secure and correctly placed. Some wires may be plug-in style, while others might be permanently attached on newer boards.

7. **Test Functionality:** Before fully reassembling the mixer, perform a preliminary test. Plug in the mixer and carefully test the speed control. If it functions correctly, proceed to reassembly.
8. **Reassembly:** Reattach the mixer housing and secure all screws.

For detailed, model-specific instructions, it is advisable to consult your KitchenAid mixer's original service manual or search for instructional videos specific to your mixer model and the part number (9706648).

OPERATING INSTRUCTIONS

Once the replacement speed control part is installed, the operation of your KitchenAid mixer will return to its intended functionality. The speed control knob allows you to adjust the mixing speed from very slow stirring to high-speed whipping. Always start at a lower speed and gradually increase as needed for your recipe.

- **Power On/Off:** The speed control knob typically also functions as the power switch. Turn the knob to the "Off" position to power down the mixer.
- **Speed Adjustment:** Rotate the knob to select the desired speed setting. The mixer should respond smoothly to changes in speed.
- **Attachment Use:** Ensure the correct attachment is securely in place before operating the mixer.

MAINTENANCE

Proper maintenance can extend the life of your KitchenAid mixer and its components. While the speed control board itself requires no routine maintenance, general care of your mixer is important:

- **Keep Clean:** Regularly wipe down the exterior of your mixer. Ensure no liquids or food particles enter the internal components, especially around the speed control area.
- **Avoid Overloading:** Do not exceed the mixer's recommended capacity or continuously operate it under heavy loads, as this can strain the motor and electronic components.
- **Regular Inspection:** Periodically inspect the power cord for any signs of damage. If you notice any unusual noises or smells during operation, discontinue use and consult a qualified technician.

TROUBLESHOOTING

If you encounter issues after installing the replacement speed control part, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Mixer not turning on or no power.	Loose wiring connection; incorrect wiring; faulty power outlet.	Ensure mixer is fully plugged in. Check all wire connections to the speed control board. Verify the outlet is functional. Re-check wiring against a diagram if available, especially if the new board has a different layout.
Mixer only runs at one speed (e.g., high speed only).	Speed control board not functioning correctly; wiring issue to the speed sensor.	This is a common symptom of a failing speed control board, which this replacement part is designed to fix. If the issue persists after replacement, double-check all wiring, particularly any speed sensor wires, as their connection style might differ between old and new boards.
Intermittent operation or unexpected stopping.	Loose connections; internal component interference.	Ensure all internal components and wires are properly seated and not pinched or interfering with moving parts. Verify all screws are tightened.
Difficulty installing the new part due to wiring differences.	Variations between original and replacement part designs.	Refer to the part number on your original board and search for specific wiring diagrams or instructional videos online. Take clear photos of the original wiring before disconnecting.

If these steps do not resolve the issue, it is recommended to seek assistance from a qualified appliance repair technician.

SPECIFICATIONS

Feature	Detail
Product Dimensions	1 x 1 x 1 inches
Item Weight	5.3 ounces
Manufacturer	KitchenAid
ASIN	B014W8RS2I
Item Model Number	9706648
Date First Available	November 3, 2008

WARRANTY AND SUPPORT

For information regarding warranty coverage, product returns, or additional technical support, please refer to the documentation provided with your purchase or contact KitchenAid customer service directly. You can typically find contact details on the official KitchenAid website or through your product retailer.

For further assistance, you may visit the official KitchenAid store online:[KitchenAid Store](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question