KitchenAid CECOMINOD012798

KitchenAid Mixer Phase Control Board 9706595 Instruction Manual

Model: CECOMINOD012798

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of the KitchenAid Mixer Phase Control Board 9706595. This component is designed to restore proper speed control to compatible KitchenAid stand mixers. Please read this manual thoroughly before attempting any installation or repair.

2. Safety Information

WARNING: Always disconnect the mixer from the power source before attempting any repair or maintenance. Failure to do so can result in electric shock, serious injury, or death.

- Ensure the mixer is unplugged before beginning any work.
- If you are not comfortable with electrical repairs, seek assistance from a qualified technician.
- Handle the control board by its edges to avoid damaging electronic components.
- Keep the work area clean and well-lit.

3. Product Overview

The KitchenAid Mixer Phase Control Board 9706595 is a critical electronic component responsible for regulating the motor speed of your stand mixer. It ensures smooth and consistent operation across all speed settings.

Compatibility: This control board is compatible with older generation KitchenAid mixers, including models K45, K5, KSM90, KSM150, and variations of these models.





Figure 3.1: Front view of the KitchenAid Mixer Phase Control Board 9706595, showing the wiring and main components.

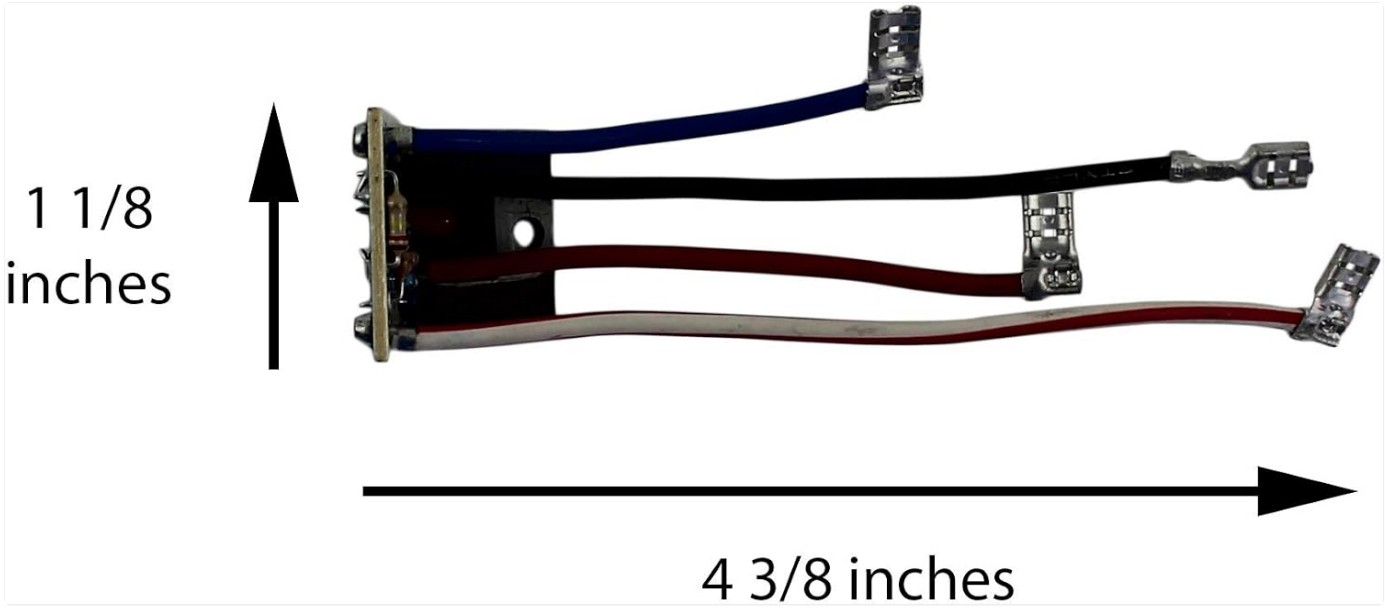


Figure 3.2: Side view illustrating the dimensions of the control board, approximately 4 3/8 inches in length and 1 1/8 inches in height.

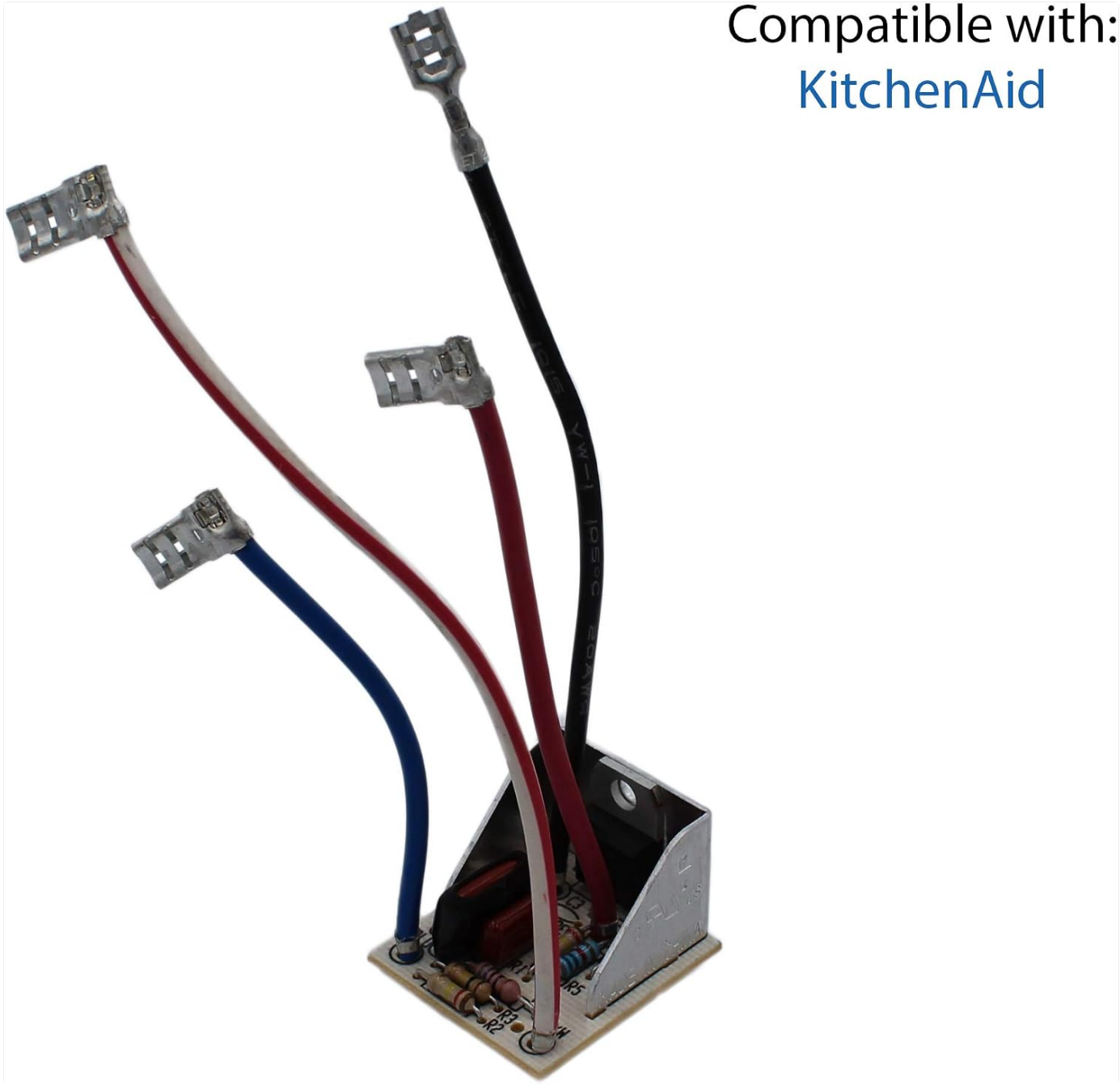


Figure 3.3: Image indicating compatibility with KitchenAid mixers.

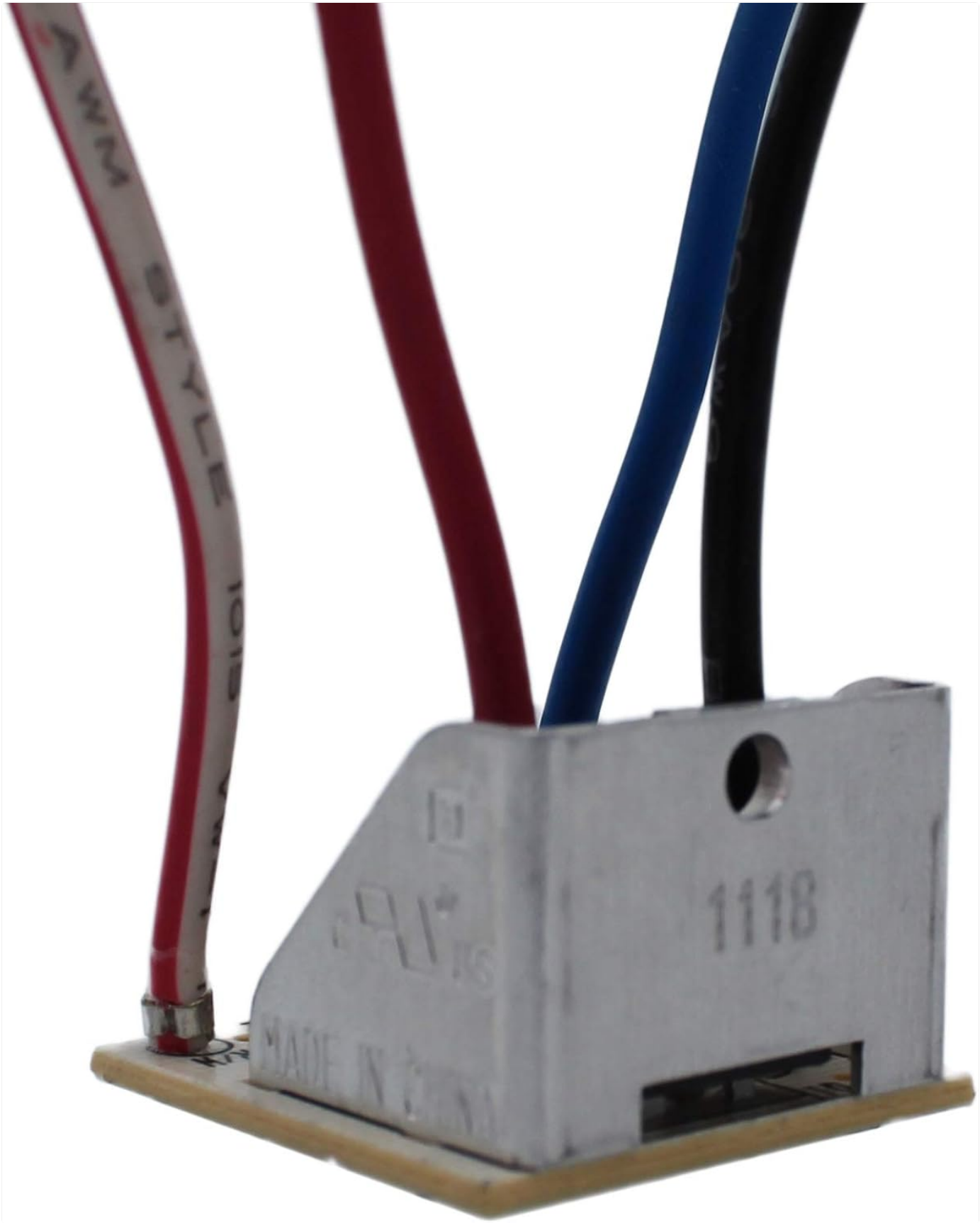


Figure 3.4: Detailed view of the wiring connections on the control board.

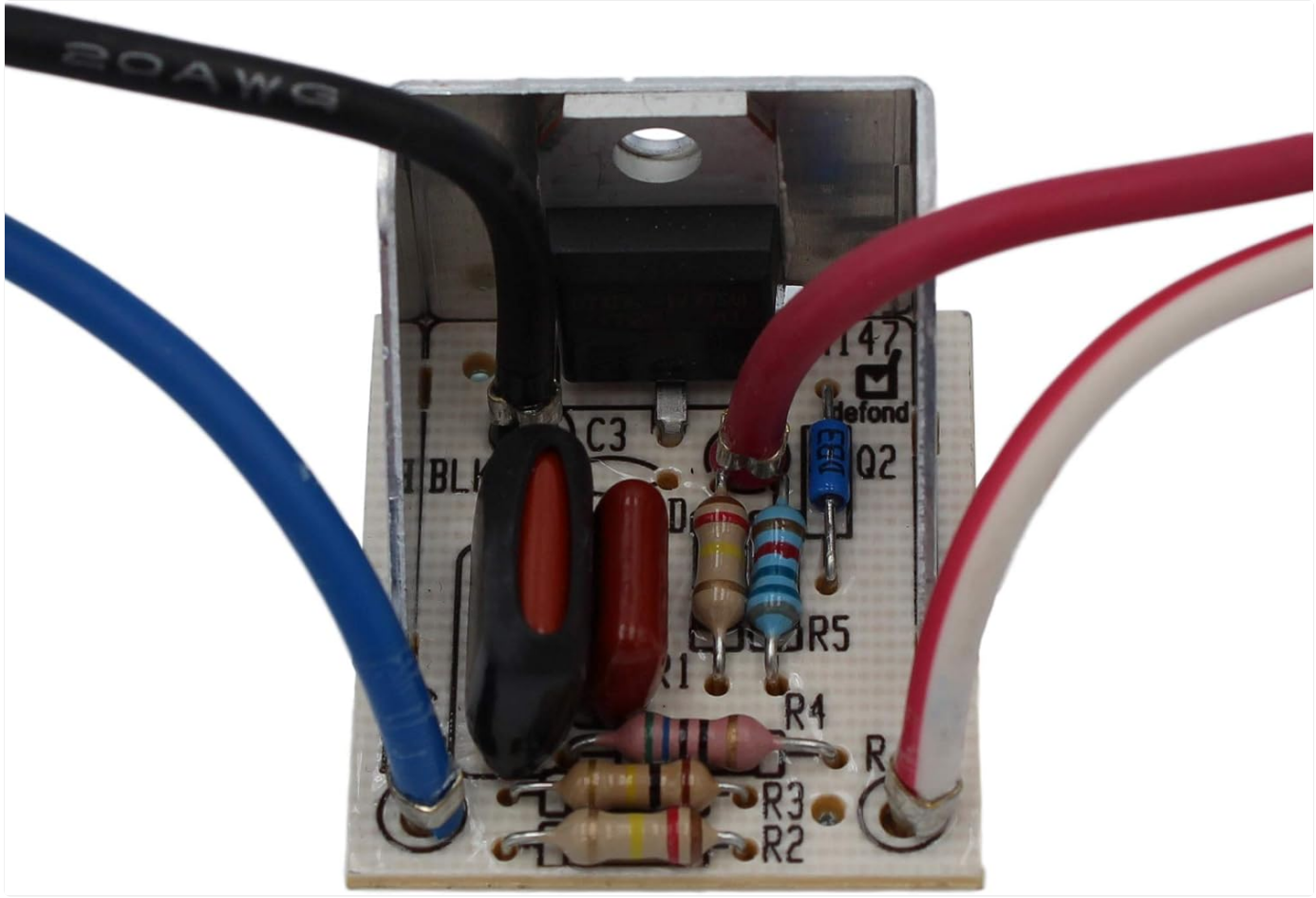


Figure 3.5: Close-up view of the electronic components on the control board, including resistors and capacitors.

4. Setup and Installation

Replacing the phase control board requires careful attention to detail. It is recommended to consult a service manual specific to your KitchenAid mixer model or refer to reputable online video tutorials for a step-by-step guide. The general procedure involves:

1. **Disconnect Power:** Unplug the mixer from the electrical outlet.
2. **Disassemble Mixer:** Carefully remove the outer casing of your KitchenAid mixer to access the internal components. This typically involves removing screws from the base and rear.
3. **Locate Old Board:** Identify the existing phase control board. Note the orientation and wiring connections before removal. Taking photos can be helpful.
4. **Disconnect Wiring:** Carefully disconnect all wires from the old control board. Pay attention to which wire connects to which terminal.
5. **Remove Old Board:** Unscrew or unclip the old control board from its mounting.
6. **Install New Board:** Position the new KitchenAid Mixer Phase Control Board 9706595 in the same location and secure it.
7. **Reconnect Wiring:** Connect the wires to the new board, ensuring they match the original configuration. Double-check all connections for security.
8. **Reassemble Mixer:** Carefully reassemble the mixer casing.
9. **Test Functionality:** Plug in the mixer and test all speed settings to ensure proper operation. Some models may require minor adjustments (tuning) to achieve optimal speed control, which can often be found in detailed repair guides or videos.

Note: Many users find detailed video guides on platforms like YouTube to be invaluable for visual instruction during this process.

5. Operating the Mixer (After Installation)

Once the new phase control board is installed, your KitchenAid mixer should operate as intended, providing full range speed control. Turn the speed control lever to the desired setting. The board ensures that the motor maintains a consistent speed for various mixing tasks, from slow stirring to fast whipping.

6. Maintenance

The KitchenAid Mixer Phase Control Board 9706595 is a sealed electronic component and requires no routine maintenance. To ensure its longevity and the overall health of your mixer:

- Keep the mixer clean and free from food debris or liquid spills.
- Avoid exposing the mixer to excessive moisture or extreme temperatures.
- Ensure proper ventilation around the mixer during operation.

7. Troubleshooting

If your KitchenAid mixer exhibits issues after installing the new phase control board, consider the following:

Problem	Possible Cause / Solution
Mixer only runs at high speed or no slow speed.	This is a common symptom of a faulty phase control board. If this persists after replacement, ensure all wiring connections are secure and correct. Some mixers may require a minor adjustment or "tuning" of the speed control mechanism after board replacement.
Mixer does not turn on.	Check power supply, cord, and internal wiring connections. Ensure the new board is correctly seated and all terminals are connected. This issue may also indicate a problem with other components, such as the motor or power switch.
Inconsistent speed or erratic operation.	Verify all connections to the control board are firm. Ensure no wires are pinched or shorting. Re-check the "tuning" or adjustment of the speed control.

If troubleshooting steps do not resolve the issue, it is advisable to consult a professional appliance repair technician.

8. Specifications

Attribute	Detail
Product Name	KitchenAid Mixer Phase Control Board 9706595
Model Number	CECOMINOD012798
ASIN	B000PJ7YHI
Brand	KitchenAid
Package Dimensions	4 x 1.5 x 1 inches
Item Weight	0.81 ounces
Manufacturer	KitchenAid

Attribute	Detail
Date First Available	July 16, 2007

9. Warranty and Support

For information regarding the warranty of your KitchenAid Mixer Phase Control Board 9706595, please refer to the original purchase documentation or contact the seller directly. Warranty terms may vary depending on the retailer and date of purchase.

For technical support or further assistance with your KitchenAid mixer, please visit the official KitchenAid website or contact their customer service department. You can often find detailed service manuals and FAQs on their support pages.

KitchenAid Official Website: www.kitchenaid.com

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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.

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