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Samsung DC92-01625U

Samsung DC92-01625U Washer Electronic Control Board User Manual

Introduction

This manual provides essential information regarding the Samsung DC92-01625U Washer Electronic Control Board, also known as the PCB Main. This genuine Samsung OEM part is designed to manage critical washer functions such as filling, washing, draining, and spinning. It is a direct replacement part, ensuring compatibility and performance as per Samsung standards.

Safety Information

Warning: Before attempting any installation or repair, ensure the appliance is completely disconnected from its power source. Failure to do so can result in electric shock, injury, or death. Appliance repair should only be performed by qualified individuals. Always wear appropriate personal protective equipment, such as gloves and eye protection. Refer to your appliance's service manual for specific safety precautions.

Product Overview

The Samsung DC92-01625U is an Original Equipment Manufacturer (OEM) electronic control board. It serves as the main control unit for compatible Samsung washers, orchestrating various operational cycles. This part is also referred to as a Main Control Board, Power Board Assembly Kit, PCB, ECB, or MCB.



Image: The Samsung DC92-01625U Washer Electronic Control Board, showing its various electronic components and connectors within a protective casing.

Key features of this control board include:

- Manages washer functions: filling, washing, draining, and spinning.
- Quality tested to Samsung standards for reliability.
- Genuine replacement part, ensuring proper fit and function.
- Authorized OEM part for repairs and replacements.

Installation and Setup

Installation of the Samsung DC92-01625U Washer Electronic Control Board requires technical knowledge and should be performed with caution. It is strongly recommended to:

- **Consult your appliance service manual:** This document provides model-specific instructions for accessing and replacing the control board.

- **Contact your appliance manufacturer:** For guidance or to confirm the correct part number for your specific washer model.
- **Engage a service professional:** If you are not confident in performing the repair yourself, a certified technician can ensure safe and correct installation.

Incorrect installation can lead to further damage to the appliance or personal injury.

Operation Principles

The electronic control board acts as the "brain" of the washer. It receives input from various sensors (e.g., water level, door lock, motor speed) and user selections (wash cycle, temperature) to execute the programmed washing sequence. It sends commands to components such as the water inlet valves, drain pump, and motor to control their operation, ensuring the washer performs its functions correctly and efficiently.

Maintenance

As an internal electronic component, the DC92-01625U control board generally requires no routine user maintenance. However, during any appliance servicing, it is advisable to:

- **Inspect connections:** Ensure all wiring harnesses connected to the board are secure and free from corrosion or damage.
- **Keep dry:** Prevent any moisture or liquid from coming into contact with the control board.
- **Visual inspection:** Periodically check for any signs of overheating, burnt components, or physical damage if the appliance casing is open for other repairs.

Troubleshooting

Malfunctions related to the control board can manifest as various issues with the washer's operation, such as incorrect cycle execution, failure to start, or error codes. If you suspect a problem with the control board:

- **Refer to your washer's service manual:** This manual will contain specific diagnostic procedures and error code interpretations.
- **Contact a qualified service professional:** Diagnosing and replacing a control board requires specialized tools and expertise.

Attempting to troubleshoot complex electronic issues without proper training can lead to further damage or safety hazards.

Specifications

Part Number	DC92-01625U
Brand	Samsung
Item Type Name	Washer Electronic Control Board, PCB Main
Dimensions (L x W x H)	14.57 x 4.88 x 2.44 inches
Item Weight	1.8 Pounds
Included Components	Single Samsung DC92-01625U Washer Electronic Control Board, PCB Main

Warranty and Support

This genuine Samsung OEM part is covered by Samsung's standard warranty policy for replacement parts. For specific warranty details, claims, or technical support, please refer to the official Samsung website or contact Samsung customer service directly. Always provide your appliance model number and the part number (DC92-01625U) when seeking support.

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