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DC34-00025D

Samsung Washing Machine Door Lock Replacement (DC34-00025D) Instruction Manual

Model: DC34-00025D | Brand: Generic

1. Introduction

This instruction manual provides essential information for the installation, operation, maintenance, and troubleshooting of the DC34-00025D door lock replacement part for Samsung washing machines. This part is designed to replace original damaged door lock mechanisms, ensuring proper functionality and safety. Please read this manual thoroughly before proceeding with installation or use.

2. Safety Information

- **Disconnect Power:** Always ensure the washing machine is completely disconnected from the main power supply before attempting any installation, repair, or maintenance. Failure to do so can result in electric shock or injury.
- **Professional Installation:** Installation of this replacement part may require technical knowledge and tools. If you are unsure about any step, it is recommended to seek assistance from a qualified technician.
- **Handle with Care:** The door lock mechanism contains delicate electronic components. Handle the part carefully to avoid damage.
- **Verify Compatibility:** Ensure this part (DC34-00025D) is compatible with your specific washing machine model before installation.

3. Package Contents

The package typically includes:

- 1 x DC34-00025D Washing Machine Door Lock Replacement

4. Specifications

Part Type	Door Lock Mechanism
Model Number	DC34-00025D
Operating Voltage	DC 12V

Compatible Washing Machine Models	Samsung WW90K74150OX/SC/OW, WW80K6414QW/ET, and other compatible Samsung drum washing machines.
Manufacturer	Fufang (Generic)
Approximate Package Dimensions	13 x 12 x 3 cm
Approximate Package Weight	60 grams



Figure 1: DC34-00025D Door Lock Mechanism. This image displays the DC34-00025D door lock mechanism, highlighting its model number and the multi-pin electrical connector for easy identification.

5. Setup and Installation

This section provides general guidance for replacing the door lock. Specific steps may vary slightly depending on your washing machine model. Always refer to your washing machine's service manual for detailed instructions if available.

General Installation Steps:

1. **Power Disconnection:** Unplug the washing machine from the electrical outlet to ensure no power is supplied.
2. **Access the Door Lock:** Depending on your washing machine model, you may need to remove the front panel or the door assembly itself to access the door lock mechanism. For some Samsung models (e.g., those with an 'Add Wash' door), the sensor for the small 'Add Wash' door might be the faulty component.
3. **Remove Door Screws (if applicable):** If accessing the 'Add Wash' door sensor, you might need to remove approximately three screws from the door assembly. One screw is often located near the hinge, and two others might be near the opening handle, covered by small plastic caps. Gently pry open the gray and transparent parts of the door with a screwdriver.
4. **Disconnect Wiring:** Carefully disconnect the electrical connector from the old door lock mechanism. Note the orientation of the connector before removal.
5. **Remove Old Lock:** Unscrew any mounting screws holding the old door lock in place and carefully remove it from its position.
6. **Install New Lock:** Position the new DC34-00025D door lock in the same location as the old one. Secure it with the mounting screws.
7. **Connect Wiring:** Reconnect the electrical connector to the new door lock, ensuring it clicks securely into place.
8. **Reassemble:** Reassemble any panels or door components that were removed. Ensure all screws are tightened and panels are securely fitted.
9. **Test Functionality:** Plug the washing machine back into the power outlet. Perform a test cycle to ensure the door locks correctly and the machine operates without error codes.



Figure 2: DC34-00025D Door Lock with Voltage Marking. This image shows a side view of the door lock, clearly indicating its model number and the 'DC 12V' power requirement.

6. Operating Principles

The DC34-00025D door lock acts as a safety mechanism, preventing the washing machine door from being opened during operation, especially when the drum is spinning or filled with water. When a wash cycle begins, the washing machine's control board sends a signal to the door lock, which then engages, securing the door. The door remains locked until the cycle is complete and it is safe to open. A faulty door lock will prevent the washing machine from starting a cycle or may trigger an error code.

7. Maintenance

The DC34-00025D door lock is designed for durability and typically requires minimal maintenance. However, to ensure its longevity and proper function:

- **Keep Area Clean:** Periodically inspect the area around the door lock and the washing machine door for any lint, debris, or foreign objects that might obstruct the locking mechanism.
- **Check Connections:** If accessible, occasionally check the electrical connections to ensure they are secure and

free from corrosion.

- **Avoid Force:** Do not attempt to force the washing machine door open if it is locked. This can damage the door lock or the door itself.

8. Troubleshooting

If your washing machine is displaying an error related to the door lock or is not starting a cycle, refer to the table below for common issues and solutions.

Problem	Possible Cause	Solution
Washing machine does not start, door will not lock.	Faulty door lock mechanism or sensor.	Verify the door is fully closed. Inspect the door lock for visible damage. If the lock is faulty, replacement with the DC34-00025D part is necessary.
Error Code D3 or DC3 displayed on Samsung washing machine.	This error typically indicates a malfunction with the door lock sensor, often specifically the sensor for the 'Add Wash' door on compatible Samsung models.	This replacement part (DC34-00025D) is known to resolve D3/DC3 errors. Follow the installation steps in Section 5 to replace the faulty sensor/lock.
Door remains locked after cycle completion.	Residual power, faulty lock, or control board issue.	Unplug the machine for 5-10 minutes to reset. If the issue persists, the door lock may be faulty and require replacement. If the new lock also exhibits this behavior, consult a technician for control board diagnosis.

9. Warranty and Support

This product is a replacement part. For any issues regarding the functionality of the DC34-00025D door lock, please contact the seller or manufacturer directly. If the product does not work as expected, you may be eligible for a replacement or refund. Customer service typically responds within 24 hours.
Please retain your proof of purchase for any warranty claims or support requests.

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