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› Samoser Washer Drive Shaft and Mode Shifter Assembly User Manual for GE/Hotpoint Washers (Models WCCD2050J0WC, WCRD2050F3WC, WCRD2050H0WC)

Samoser WCRD2050F3WC WCRD2050H0WC

Samoser Washer Drive Shaft and Mode Shifter Assembly User Manual

For Models: WCCD2050J0WC, WCCD2050J1WC, WCCD2050J2WC, WCRD2050F3WC, WCRD2050H0WC, WCRD2050H1WC, WCRD2050H2WC, WCRD2050H3WC, WCRD2050H4WC, WCRD2050H5WC, WCRD2050H6WC, and other compatible GE/Hotpoint washer models.

INTRODUCTION

This manual provides instructions for the installation and maintenance of the Samoser Washer Drive Shaft and Mode Shifter Assembly. This component is designed as an aftermarket replacement part for various GE and Hotpoint washer models. Proper installation ensures optimal performance of your washing machine.

IMPORTANT SAFETY INFORMATION

Always disconnect power to the washer from the electrical outlet and turn off the water supply before attempting any repairs or installations. Wear appropriate personal protective equipment, such as gloves and eye protection. If you are unsure about any step, consult a qualified technician to avoid injury or damage to the appliance.

PACKAGE CONTENTS

The package includes the following:

- 1x Washer Drive Shaft and Mode Shifter Assembly



Figure 1: The Samoser Washer Drive Shaft and Mode Shifter Assembly, including the main shaft, motor housing, and a separate rubber seal.

COMPATIBLE MODELS

This assembly is compatible with a wide range of GE and Hotpoint washer models. To verify compatibility, please cross-reference your washer's model number with the list below. You can typically find your model number on a label inside the washer door, on the back, or near the control panel.

Primary Compatible Models: WCCD2050J0WC, WCCD2050J1WC, WCCD2050J2WC, WCRD2050F3WC, WCRD2050H0WC, WCRD2050H1WC, WCRD2050H2WC, WCRD2050H3WC, WCRD2050H4WC, WCRD2050H5WC, WCRD2050H6WC.

Additional Compatible Models (Partial List): GTAN5050M0WS, GTAN5050M1WS, GTAP1000M2WW, GTAP2000M2WW, GTWN3000M1WS, GTWN3000M2WS, GTWN4000M0WS, GTWN4040M0WW, GTWN4250M0WS, GTWN4250M1WS, GTWN4450M0WS, GTWN4450M1WS, GTWN4950L0WS, GTWN4950L1WS, GTWN5050M0WS, GTWN5050M10WS, GTWP1000M2WW, GTWP2000M2WW, GTWP2005M2CC, GVSR1060H6WW, GWRE6270H0WW, GWRE6270H1WW, GWRE6270H2WW, GWRE6270K0WW, GWRE6270K2WW, GWRE6270K3WW, GWSE5240H0WW, GWSE5240H1WW, GWSE5240H2WW, GWSE5240H3WW, HNSR2120DCWW, VBSR3100GW, MNSR1090H6WW, PTAN6250M0WT, PTAN6250M1WT, PTWN6050M0WT, PTWN6050M1WT, PTWN6250M0WT, PTWN6250M1WT, S2100E6WW, S2100G6WW, S3700E6WW, S3700G0WW, S3700G1WW, S3700G2WW, S3700G3WW, S3700G4WW, S3700G5WW, S3700G6WW, S5200E6WW, VWSR4160GW, WARE5260DCWW, WBB2090F2WW, WBB2090G6WW, WBB4500E6WW, WBB4500G0WW, WBB4500G1WW, WBB4500G2WW, WBB4500G3WW, WBB4500K0WW, WBB4500K1WW, WBB6700F2GG, WBSR3000G0WS, WBSR3000G1WS, WBSR3000G2WS, WBSR3000G3WS, WBSR3000G4WS, WBSR3000G5WS, WBSR3000G6WS, WBSR3000GW, WBSR300FW, WBSR3140DCWW, WBSR3140G0WW, WBSR3140G1CC, WBSR3140G1WW, WBSR3140G2CC, WBSR3140G2WW, WBSR3140G3CC, WBSR3140G3WW, WBSR3140G4CC, WBSR3140G4WW, WBSR3140G5CC, WBSR3140G5WW, WBSR3140G6CC, WBSR3140G6WW, WBSR3140GW,

WCCB1030F3WC, WCCB1030H0WC, WCCB1030H1WC, WCCB1030H2WC, WCCB1030H3WC, WCCB1030H4WC, WCCB1030H5WC, WCCB1030H6WC, WCCB1030HW, WCCB1030J0WC, WCCB1030J1WC, WCCB1030J2WC, WCCD2050F3WC, WCCD2050H0WC, WCCD2050H1WC, WCCD2050H2WC, WCCD2050H3WC, WCCD2050H4WC, WCCD2050H5WC, WCCD2050H6WC, WCCD2050HW, WCCD2050J0WC, WCCD2050J1WC, WCCD2050J2WC, WCRD2050F3WC, WCRD2050H0WC, WCRD2050H1WC, WCRD2050H2WC, WCRD2050H3WC, WCRD2050H4WC, WCRD2050H5WC, WCRD2050H6WC, WCRD2050HW, WCRD2050J0WC, WCRD2050J1WC.

SETUP AND INSTALLATION

This section outlines the general procedure for replacing a washer drive shaft and mode shifter assembly. Specific steps may vary slightly depending on your washer model. Refer to your washer's service manual for detailed instructions.

- 1. Preparation:** Disconnect the washer from the electrical outlet and turn off the water supply. Move the washer away from the wall to access the rear panel.
- 2. Accessing the Components:** Remove the back panel of the washer. You may need to remove the control panel and top cover depending on your model.
- 3. Draining Water:** Ensure the washer tub is empty. If not, drain any remaining water.
- 4. Removing the Old Assembly:**
 - Locate the drive shaft and mode shifter assembly.
 - Disconnect any electrical connectors attached to the mode shifter.
 - Carefully remove any retaining clips, bolts, or nuts securing the assembly to the transmission or tub.
 - Gently pull the old assembly out. Note its orientation for reinstallation.
- 5. Installing the New Assembly:**
 - Align the new Samoser Washer Drive Shaft and Mode Shifter Assembly with the opening.
 - Carefully insert the new assembly, ensuring it seats correctly.
 - Secure the assembly with the retaining clips, bolts, or nuts that were removed earlier. Tighten fasteners appropriately, but do not overtighten.
 - Reconnect all electrical connectors to the mode shifter. Ensure connections are secure.
- 6. Reassembly and Testing:**
 - Replace the washer's back panel, control panel, and top cover.
 - Reconnect the water supply and plug the washer back into the electrical outlet.
 - Run a short test cycle (e.g., rinse and spin) to ensure proper operation and check for any leaks or unusual noises.



Figure 2: Bottom view of the assembly, showing the gear mechanism and electrical connections for the mode shifter.

FUNCTIONALITY

The drive shaft transmits power from the motor to the agitator and spin basket, enabling the washing and spinning cycles. The mode shifter, also known as the actuator, controls the transition between agitation and spin modes by engaging and disengaging the appropriate gears within the transmission. A properly functioning assembly is crucial for the washer to perform its various cycles correctly.

MAINTENANCE

This drive shaft and mode shifter assembly is designed for durability and typically requires no routine maintenance. However, it is advisable to periodically inspect the area around the assembly during other washer maintenance (e.g., cleaning the pump filter) for any signs of wear, corrosion, or loose connections. Address any issues promptly to prevent further damage.

TROUBLESHOOTING

If your washer exhibits issues after replacing this part, consider the following:

- **Washer Not Agitating or Spinning:** Verify all electrical connections to the mode shifter are secure. Ensure the assembly is correctly seated and all retaining hardware is tight.
- **Unusual Noises:** Check for any loose components or obstructions around the drive shaft. Ensure the assembly is properly aligned.
- **Part Compatibility:** Double-check that the installed assembly is the correct part number for your specific washer model.

If problems persist, it is recommended to consult a professional appliance technician or contact customer support.

SPECIFICATIONS

Attribute	Detail
Manufacturer	Samoser
Part Number	WCCD2050J0WC
Item Model Number	WCRD2050F3WC WCRD2050H0WC
ASIN	B0DYTPV4CD
Date First Available	February 28, 2025

SUPPORT AND CONTACT INFORMATION

For technical assistance, compatibility inquiries, or troubleshooting guidance, please contact Samoser customer support. We aim to resolve your queries within 24 hours.

Note: If you are unsure about the compatibility or installation process, it is always best to seek professional advice from a qualified appliance technician.