

## Whirlpool 7MWTW9920EM0

# Whirlpool Washer Cam Hub Actuator Belt Kit

## INSTALLATION GUIDE FOR MODEL 7MWTW9920EM0

### Introduction

This instruction manual provides detailed guidance for the installation of the Cam Hub Actuator Belt Kit designed for Whirlpool Washer Model 7MWTW9920EM0. This kit includes essential components to restore the proper function of your washing machine's drive system, addressing common issues related to agitation and spinning. Please read all instructions carefully before beginning the installation process.

### Safety Information

- **Disconnect Power:** Always unplug the washing machine from the electrical outlet before performing any service or maintenance.
- **Turn Off Water Supply:** Close the hot and cold water supply valves to the washing machine.
- **Wear Protective Gear:** Use work gloves to protect your hands and safety glasses to protect your eyes.
- **Proper Tools:** Ensure you have the correct tools for the job to prevent damage to components or injury.
- **Professional Assistance:** If you are unsure about any step, consult a qualified appliance technician.

### Package Contents

Verify that all components listed below and shown in the image are present in your kit before starting the installation.



This image displays the complete kit: a white plastic cam, a yellow plastic hub, a brown and silver actuator motor assembly, a black multi-ribbed belt, two small metal springs, a white plastic ring, another white plastic ring, and a small metal nut.

- Washer Cam
- Washer Hub
- Actuator Motor Assembly (Model 49TYZ-E120A)
- Drive Belt
- Associated hardware (springs, rings, nut)

## Installation Guide (Setup)

This section outlines the general steps for replacing the components. Specific disassembly and reassembly procedures may vary slightly depending on your exact washer configuration. Refer to your washer's service manual if available for detailed model-specific instructions.

1. **Prepare the Washer:** Ensure the washer is unplugged and both hot and cold water supply lines are turned off. Move the washer away from the wall to access the rear panel.
2. **Access Components:** Depending on your washer model, you may need to remove the back panel, top panel, or front panel to gain access to the drive system components. Use appropriate tools to remove

screws or clips.

3. **Remove Old Belt:** Locate the drive belt connecting the motor to the transmission. Carefully release the tensioner or idler pulley and remove the old belt.
4. **Replace Actuator:** Disconnect the electrical connector from the old actuator motor. Unmount the old actuator from its position, noting its orientation. Install the new actuator motor assembly (49TYZ-E120A) in the same orientation and reconnect the electrical connector.
5. **Replace Cam and Hub:** Locate the cam and hub assembly, typically found near the transmission shaft. Carefully remove the retaining nut or clips holding them in place. Remove the old cam and hub. Install the new cam and hub, ensuring they are correctly seated and secured with the provided nut and rings.
6. **Install New Belt:** Route the new drive belt around the motor pulley and the transmission pulley. Ensure the belt is properly seated in the grooves. Re-engage the tensioner or idler pulley to apply proper tension to the belt.
7. **Reassemble Washer:** Carefully reattach any panels or covers that were removed during disassembly. Ensure all screws and clips are securely fastened.

## Post-Installation Check (Operating)

---

After completing the installation, perform the following checks before regular use:

- **Reconnect Utilities:** Plug the washing machine back into the electrical outlet and turn on the hot and cold water supply valves.
- **Visual Inspection:** Check for any loose wires, tools left inside the machine, or improperly secured panels.
- **Test Cycle:** Run a short, empty wash cycle (e.g., Rinse & Spin) to observe the washer's operation. Listen for unusual noises and ensure the tub agitates and spins correctly.
- **Leak Check:** During the test cycle, check for any water leaks around the water inlet hoses or other connections.

## Care and Maintenance

---

To ensure the longevity of your newly installed components and overall washer performance:

- **Avoid Overloading:** Do not overload the washing machine, as this can put excessive strain on the drive system and belt.
- **Regular Cleaning:** Keep the area around the washer clean and free of debris that could interfere with moving parts.
- **Periodic Inspection:** Periodically inspect the drive belt for signs of wear, cracking, or fraying.

## Troubleshooting

---

If you encounter issues after installation, consider the following:

- **Washer Not Agitating/Spinning:**
  - Check if the new drive belt is properly tensioned and seated on both pulleys.
  - Verify the electrical connection to the actuator motor.
  - Ensure the cam and hub are correctly installed and not binding.
- **Unusual Noises:**

- Recheck belt alignment and tension.
- Ensure all components are securely fastened and not rubbing against other parts.
- **Washer Not Starting:**
  - Confirm the washer is plugged in and the circuit breaker has not tripped.
  - Ensure the lid switch is functioning correctly (if applicable).

## Specifications

Product Compatibility	Whirlpool Washer Model 7MWTW9920EM0
Kit Manufacturer	20 SECOND SOAP
ASIN	B0DCVTZM38
Actuator Motor Model	49TYZ-E120A (KT-155052.1 rev012)
Actuator Motor Electrical	AC 120V, 60Hz, 4W, 30mA, 3RPM CW/CCW

## Warranty Information

For specific warranty details regarding this Cam Hub Actuator Belt Kit, please refer to the documentation provided by the seller or manufacturer at the time of purchase. Warranty terms typically cover manufacturing defects for a specified period.


## Support

If you require further assistance with the installation or troubleshooting of this kit, please contact the seller or manufacturer directly. Have your purchase details and the ASIN (B0DCVTZM38) ready when contacting support.

## Official Product Videos


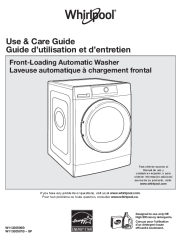
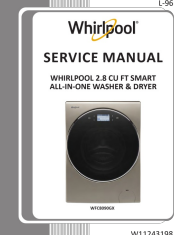


No official product videos from the seller were provided in the available data for embedding in this manual.

## Related Documents - 7MWTW9920EM0



[Whirlpool Maytag Top Load Direct Drive Washer Bearing Replacement Procedure | Service Pointer W10468778](#)

This document provides a detailed procedure for replacing the bearings in Whirlpool and Maytag top-load, direct-drive washing machines. It includes a list of required parts, special tools, and step-by-step instructions with textual descriptions of diagrams.

	<p><a href="#">Whirlpool Cabrio High-Efficiency Top-Loading Washer Use and Care Guide</a></p> <p>Comprehensive guide for operating, maintaining, and troubleshooting your Whirlpool Cabrio high-efficiency top-efficiency, low-water, top-loading washer. Includes safety instructions, cycle details, control panel features, maintenance tips, and warranty information.</p>
	<p><a href="#">Whirlpool Front-Loading Automatic Washer Use &amp; Care Guide</a></p> <p>Comprehensive guide for Whirlpool front-loading automatic washers (models W11330506B, W11330507B), covering operation, installation, maintenance, troubleshooting, and warranty.</p>
	<p><a href="#">Whirlpool WFC8090GX Service Manual: Smart All-In-One Washer &amp; Dryer</a></p> <p>Comprehensive service manual for the Whirlpool WFC8090GX Smart All-In-One Washer &amp; Dryer. Includes diagnostics, troubleshooting, component testing, and repair procedures for service professionals.</p>
	<p><a href="#">Whirlpool WFW8620HC2 Automatic Washer Parts List and Diagram</a></p> <p>Detailed parts list and exploded view diagrams for the Whirlpool WFW8620HC2 Automatic Washer, including top, cabinet, door, dispenser, water system, and tub components, along with optional accessories.</p>
	<p><a href="#">Whirlpool WFW8620HW0/WFW8620HC0 Automatic Washer Parts List and Diagrams</a></p> <p>Comprehensive parts list and diagrams for Whirlpool WFW8620HW0 (White) and WFW8620HC0 (Chrome Shadow) automatic washers. Find part numbers and descriptions for all components, including top and cabinet parts, door parts, dispenser parts, water system parts, and tub and basket parts.</p>