Whirlpool 099123-2

Whirlpool Washing Machine Bearing Installation and Maintenance Manual

Model: 099123-2

1. Introduction

This manual provides essential information for the installation, function, and general maintenance considerations of the Whirlpool Washing Machine Bearing, Model 099123-2. This component is an original replacement part designed to ensure the proper and smooth operation of your washing machine's drum. Proper installation and understanding of its function are crucial for the longevity and performance of your appliance.

2. Product Overview and Compatibility

The Whirlpool Washing Machine Bearing (Model 099123-2) is a critical component that supports the washing machine drum, allowing it to rotate freely and quietly. This original part is supplied with necessary accessories for replacement.

2.1 Included Components

- Washing Machine Bearing (left or right)
- Seals (O-rings)
- Mounting Screws
- Lubricant (grease)

2.2 Compatible Brands

This bearing is compatible with various washing machine brands, including but not limited to:

- WHIRLPOOL
- LADEN
- BAUKNECHT
- INDESIT
- IGNIS

- BOSCH
- SIEMENS
- ARISTON HOTPOINT
- PROLINE
- CONSTRUCTA
- RADIOLA
- PRIVILEG
- PHILIPS
- PISTO
- SINGER



Image 1: The complete bearing kit, including the main bearing assembly, seals, and mounting screws.



Image 2: A detailed view of the washing machine bearing, showing key dimensions for identification and fitment.

3. Installation

Replacing a washing machine bearing requires technical knowledge and specific tools. It is highly recommended that installation be performed by a qualified technician. Incorrect installation can lead to further damage to the appliance or personal injury.

3.1 Safety Precautions

- **Disconnect Power:** Always unplug the washing machine from the electrical outlet before beginning any repair work.
- **Turn Off Water Supply:** Close the hot and cold water supply valves to the washing machine.
- **Drain Water:** Ensure all water is drained from the machine before disassembly.
- **Wear Protective Gear:** Use gloves and eye protection.

3.2 General Installation Steps (Consult Appliance Service Manual)

The following steps are a general guide. Always refer to the specific service manual for your washing machine model for precise instructions.

1. **Access the Drum:** This typically involves disassembling the washing machine cabinet, removing the top, front, or rear panels, and potentially the outer tub.
2. **Remove Old Bearing:** Once the drum assembly is accessible, locate the old bearing. This may require removing the inner drum from the outer tub. The old bearing will need to be pressed out or carefully hammered out.
3. **Clean Bearing Housing:** Thoroughly clean the area where the new bearing will be installed, removing any debris, rust, or old lubricant.
4. **Install New Bearing:** Carefully press or tap the new bearing into place. Ensure it is seated correctly and evenly. Apply the provided lubricant as instructed by your appliance's service manual.
5. **Install Seals:** Place the new seals (O-rings) to prevent water ingress, which is crucial for bearing longevity.
6. **Reassemble:** Reassemble the washing machine in reverse order of disassembly. Ensure all connections are secure and panels are correctly fitted.
7. **Test:** After reassembly, run a short cycle without laundry to check for proper operation, leaks, and unusual noises.



Image 3: Illustrative image showing the bearing's location within a washing machine, indicating where the replacement part is installed.

4. Function and Operation

The washing machine bearing's primary function is to provide a low-friction pivot point for the rotating drum. It allows the drum to spin smoothly and quietly during wash, rinse, and spin cycles. A properly functioning bearing is essential for:

- **Smooth Drum Rotation:** Ensures the drum spins without wobbling or excessive vibration.
- **Reduced Noise:** Minimizes operational noise during cycles.
- **Energy Efficiency:** Reduces friction, contributing to efficient motor operation.
- **Appliance Longevity:** Prevents damage to other components caused by excessive vibration or misalignment.

5. Maintenance

Once installed, the washing machine bearing itself does not require routine user maintenance. Its lifespan is primarily determined by factors such as usage, load balance, and the integrity of its seals. However, regular inspection of your washing machine for early signs of bearing wear can prevent more extensive damage.

5.1 Signs of Bearing Wear

- **Loud Noises:** Grinding, rumbling, or squealing sounds, especially during the spin cycle.
- **Excessive Vibration:** The machine vibrates more than usual, particularly during high-speed spins.
- **Drum Play:** If the drum can be moved up and down or side to side when pushed by hand (with power disconnected), this indicates significant bearing wear.
- **Leaks:** Water leaking from the rear of the tub, often indicating a failed seal that has allowed water to damage the bearing.

If any of these signs are observed, it is recommended to have the appliance inspected by a qualified technician.

6. Troubleshooting

This section addresses common issues related to washing machine bearings.

6.1 Problem: Loud Grinding or Rumbling Noise During Spin Cycle

Possible Cause: Worn or damaged drum bearings.
Action: This is the most common symptom of a failing bearing. The bearing needs to be replaced. Continuing to operate the machine with a worn bearing can lead to further damage to the drum shaft, spider arm, or outer tub.

6.2 Problem: Excessive Vibration and Shaking

Possible Cause: While unbalanced loads are a common cause of vibration, persistent and severe vibration even with balanced loads can indicate worn bearings.
Action: First, ensure the machine is level and loads are balanced. If vibration persists, inspect the drum for excessive play. If play is detected, bearing replacement is likely required.

6.3 Problem: Water Leakage from the Rear of the Tub

Possible Cause: Failed rear tub seal, often leading to bearing damage.
Action: A leaking seal allows water to enter the bearing housing, causing corrosion and premature bearing failure. Both the seal and the bearing should be replaced simultaneously.

7. Specifications

Specification	Detail
Brand	Whirlpool
Model Number	099123-2
Manufacturer	WHIRLPOOL
Bearing Number	481231019144
Bearing Type	Ball Bearing (Palier à bille)

Specification	Detail
Compatible Lubricant	Grease (Graisse)
Compliant Specifications	OEM
Country of Origin	Poland
ASIN	B07G16MH4N

8. Warranty Information

For specific warranty details regarding this Whirlpool original replacement part, please refer to the documentation provided with your purchase or contact the manufacturer directly. Warranty coverage typically applies to manufacturing defects and does not cover damage resulting from improper installation, misuse, or normal wear and tear.

9. Customer Support

If you require further assistance with installation, troubleshooting, or have questions about the Whirlpool Washing Machine Bearing (Model 099123-2), please contact:

- The retailer from whom you purchased the part.
- A certified appliance repair technician.
- Whirlpool customer service (refer to your appliance's user manual or Whirlpool's official website for contact information).

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question