

## KOB WB-001-02

# Washer Rear Drum Bearings Installation and Maintenance Guide

Model: **WB-001-02** | Brand: **KOB**

## INTRODUCTION

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This manual provides essential information for the proper installation, operation, and maintenance of your KOB Washer Rear Drum Bearings (Model WB-001-02). Adhering to these instructions will help ensure the longevity and optimal performance of the product. Please read this guide thoroughly before proceeding with any installation or maintenance.

## PRODUCT OVERVIEW

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The KOB Washer Rear Drum Bearings are designed as replacement components for various washing machine models. These ball bearings facilitate the smooth rotation of the washer drum, reducing friction and supporting the drum's weight during operation. Proper functioning of these bearings is critical for the quiet and efficient operation of your appliance.



**Figure 1:** Two KOB Washer Rear Drum Bearings. Each bearing features a metallic outer race, an inner race, and a black rubber seal to protect the internal ball bearings from contaminants and retain lubricant.

## COMPATIBILITY

These KOB Washer Rear Drum Bearings (Model WB-001-02) are compatible with a wide range of washing machine models, primarily Maytag Neptune series. Please verify your appliance's model number against the list below to ensure proper fitment. If your model number is not listed, consult your appliance's service manual or a qualified technician.

### **Compatible Model Numbers:**

- CAH4205AWJ, CAH4205AWW
- MAH14PDAAL, MAH14PDAAQ, MAH14PDAAW, MAH14PDABL, MAH14PDABW, MAH14PDAEW, MAH14PDAGW, MAH14PDBAW, MAH14PDBEW, MAH14PDBGW, MAH14PDCBQ, MAH14PDCBW, MAH14PDDWW, MAH14PDSAW, MAH14PNAEW, MAH14PNAGW, MAH14PNAWW, MAH14PNBAW, MAH14PNBEW, MAH14PNBGW, MAH14PNSAW, MAH14PRAWW, MAH14PSAAW
- MAH20PDA3W, MAH20PDAWQ, MAH20PDAWW, MAH20PDCXQ, MAH20PDCXW, MAH20PNAWW, MAH20PRAWW, MAH20PRDWW, MAH20PSAWW
- MAH21PDA3W, MAH21PDAGW, MAH21PDAWQ, MAH21PDAWW, MAH21PDCXQ, MAH21PDCXW, MAH21PDD3W, MAH21PDDGW, MAH21PDDWQ, MAH21PDDWW, MAH21PDDXW, MAH21PNAGW, MAH21PNAWW, MAH21PNDGW, MAH21PNDWW, MAH21PRAWW, MAH21PRDWW, MAH21PSAWW, MAH21PSDWW

- MAH3000AAW, MAH3000AEW, MAH3000AGW, MAH3000AKW, MAH3000AWA, MAH3000AWQ, MAH3000AWW, MAH3000BGW
- MAH4000AWQ, MAH4000AWW, MAH4000BWQ, MAH4000BWW
- MAH5500AWW, MAH5500BWQ, MAH5500BWW, MAH55FLBWQ, MAH55FLBWW
- MAH6500AWQ, MAH6500AWW
- MAH7500AWQ, MAH7500AWW, MAH7550AAW, MAH7550AGW
- MHW2000AWW
- MLE19PDAGW, MLE19PDAYW, MLE19PDAZW, MLE19PDCZW, MLE19PDDGW, MLE19PDDYW, MLE19PNAUW, MLE19PNAYW, MLE19PNDYW, MLE19PRAYW, MLE19PRAZW, MLE19PRDYW
- MLE2000AYW, MLE2000AZW
- MLG19PDAEW, MLG19PDAGW, MLG19PDAWW, MLG19PDAXW, MLG19PDBGW, MLG19PDCXW, MLG19PDDGW, MLG19PDDWW, MLG19PDSAW, MLG19PNAWW, MLG19PNDWW, MLG19PRAWW, MLG19PRAXW, MLG19PRDWW
- MLG2000AWW, MLG2000AXW
- MUE2000AYM, MUE2000AYW, MUE2000AZW
- MUG2000AWW, MUG2000AXW

## SAFETY INFORMATION

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Always prioritize safety when working with appliances. Disconnect power to the washing machine before beginning any repair or installation. Wear appropriate personal protective equipment, such as gloves and eye protection. If you are unsure about any step, consult a qualified appliance technician.

- **Electrical Hazard:** Ensure the appliance is unplugged from the power outlet before servicing.
- **Pinch Points:** Be aware of moving parts and sharp edges during disassembly and reassembly.
- **Heavy Components:** Washing machine drums and other components can be heavy. Use proper lifting techniques or seek assistance to prevent injury.
- **Tools:** Use only appropriate tools for the job to avoid damage to parts or personal injury.

## INSTALLATION INSTRUCTIONS

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Replacing washer drum bearings is a complex procedure that typically requires significant disassembly of the washing machine. These instructions provide a general overview; specific steps may vary by model. Refer to your washing machine's service manual for detailed, model-specific instructions.

### 1. Preparation:

- Disconnect the washing machine from its power source and water supply.
- Move the washer to an open area for easier access.
- Gather necessary tools, which may include screwdrivers, wrenches, sockets, a bearing puller, and a bearing press or suitable alternatives.

### 2. Disassembly:

- Remove the top panel, control panel, and front panel of the washing machine.
- Disconnect hoses, wires, and other components as needed to access the outer tub.
- Carefully remove the inner drum from the outer tub. This often involves removing the agitator (if applicable) and the drive block or spider arm.
- Separate the outer tub halves (if applicable) to expose the bearings.

### 3. **Bearing Removal:**

- Locate the old bearings in the rear of the outer tub.
- Use a bearing puller or a suitable punch and hammer to carefully tap out the old bearings from their housing. Ensure not to damage the tub housing.
- Clean the bearing housing thoroughly, removing any rust, debris, or old grease.

### 4. **New Bearing Installation:**

- Apply a thin layer of compatible grease (e.g., lithium-based grease) to the outer race of the new KOB bearings and the bearing housing.
- Carefully align the new bearings with the housing.
- Using a bearing press or a block of wood and a hammer, gently and evenly tap the new bearings into place until they are fully seated. Ensure they are installed squarely and not at an angle.
- Install any associated seals or spacers according to your appliance's service manual.

### 5. **Reassembly:**

- Reassemble the outer tub halves (if applicable).
- Reinstall the inner drum into the outer tub, ensuring it rotates freely and smoothly.
- Reconnect all hoses, wires, and components that were disconnected during disassembly.
- Reattach the front, control, and top panels.

### 6. **Testing:**

- Reconnect the water supply and power.
- Run a short test cycle (e.g., rinse and spin) to check for proper operation, leaks, and unusual noises.

## OPERATING CONSIDERATIONS

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Once installed, the KOB Washer Rear Drum Bearings operate as an integral part of your washing machine's drum assembly. Proper operation relies on the overall health of the appliance. Ensure that the washing machine is level and that loads are balanced to prevent undue stress on the bearings and other components.

- **Load Balancing:** Avoid overloading the washer or washing unbalanced loads, as this can cause excessive vibration and premature bearing wear.
- **Leveling:** Ensure the washing machine is properly leveled to distribute the drum's weight evenly and minimize stress on the bearings.

## MAINTENANCE

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The KOB Washer Rear Drum Bearings are sealed units and generally do not require routine lubrication after installation. Their lifespan is primarily determined by proper installation, usage, and the condition of associated components like seals.

- **Seal Integrity:** Periodically inspect the water seal around the drum shaft. A failing seal can allow water to enter the bearing, leading to corrosion and premature failure.
- **Noise Monitoring:** Pay attention to any unusual noises (grinding, squealing, roaring) coming from the washer during spin cycles. These can be indicators of bearing wear.

- **Vibration:** Excessive vibration, especially during the spin cycle, can also indicate bearing issues.

## TROUBLESHOOTING

If you experience issues after installing the new bearings, consider the following common problems and solutions:

Symptom	Possible Cause	Solution
Loud grinding or roaring noise during spin cycle	Damaged or improperly seated bearings; failed water seal allowing water into bearings.	Re-inspect bearing installation. Check water seal for leaks and replace if necessary. If bearings are damaged, replace them.
Excessive vibration during spin cycle	Unbalanced load; washer not level; damaged bearings; damaged spider arm.	Ensure load is balanced. Level the washing machine. Inspect bearings and spider arm for damage.
Water leaking from rear of tub	Failed rear tub seal (often replaced with bearings).	Inspect and replace the rear tub seal. Ensure it was installed correctly with the new bearings.

If troubleshooting steps do not resolve the issue, it is recommended to contact a qualified appliance repair technician.

## SPECIFICATIONS

Feature	Detail
Brand	KOB
Part Number	WB-001-02
Item Package Quantity	1 (typically sold as a set for one washer)
Bearing Type	Ball Bearing
Compatible Lubricant	Grease (e.g., lithium-based)
UPC	639072211733

## WARRANTY AND SUPPORT

Information regarding specific warranty terms for KOB Washer Rear Drum Bearings (Model WB-001-02) is not provided in this document. For warranty details or technical support, please refer to the product packaging or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.