

NGHTMRE 4036ER4001B

Front Load Washer Tub Bearings & Seal Kit Instruction Manual

Model: 4036ER4001B

1. PRODUCT OVERVIEW

This kit provides essential replacement components for front load washing machines, specifically designed to address common issues such as excessive noise, water leaks, shaking, and movement during operation. By replacing worn bearings and seals, this kit helps restore quiet, stable, and efficient performance to your appliance.

The kit includes the following key components:

- Washing Tub Seal (Part Number: 4036ER2004A)
- Tub Seal Gasket (Part Number: 4036ER4001B)
- Large Bearing (Part Number: 4280FR4048L)
- Small Bearing (Part Number: 4280FR4048E)

This kit is compatible with various LG and Kenmore front load washer models. Please refer to the 'Specifications' section for a detailed list of compatible models.



Image 1.1: Overview of the Front Load Washer Tub Bearings & Seal Kit components.



Image 1.2: The complete kit, including two bearings and two types of seals.

2. SAFETY INFORMATION

WARNING: Always disconnect power to the washing machine before attempting any installation, repair, or maintenance procedures to prevent electric shock or injury.

- Ensure the appliance is completely unplugged from the electrical outlet.
- Turn off the water supply to the washing machine.
- Wear appropriate personal protective equipment, such as gloves and safety glasses.
- If you are unsure about any step of the installation process, consult a qualified appliance technician.
- Keep all parts and tools away from children and pets.

3. PRODUCT COMPONENTS AND CHARACTERISTICS

The bearings in this kit are designed for high-speed rotation and durability, featuring double seals for enhanced protection against contaminants and improved noise and vibration detection. The seals are made from external fluororubber and internal steel plate for the tub seal, and silicone rubber for the tub seal gasket, ensuring a robust and leak-proof fit.

Professional manufacturer



Heat Resisting



Durable



Noiseless



High-Speed



High-Eefficiency



Stable

Image 3.1: Key characteristics of the bearings, including heat resistance, durability, noiseless operation, high-speed capability, high efficiency, and stability.

INSTALLATION GUIDE

Load Position for Press Fit

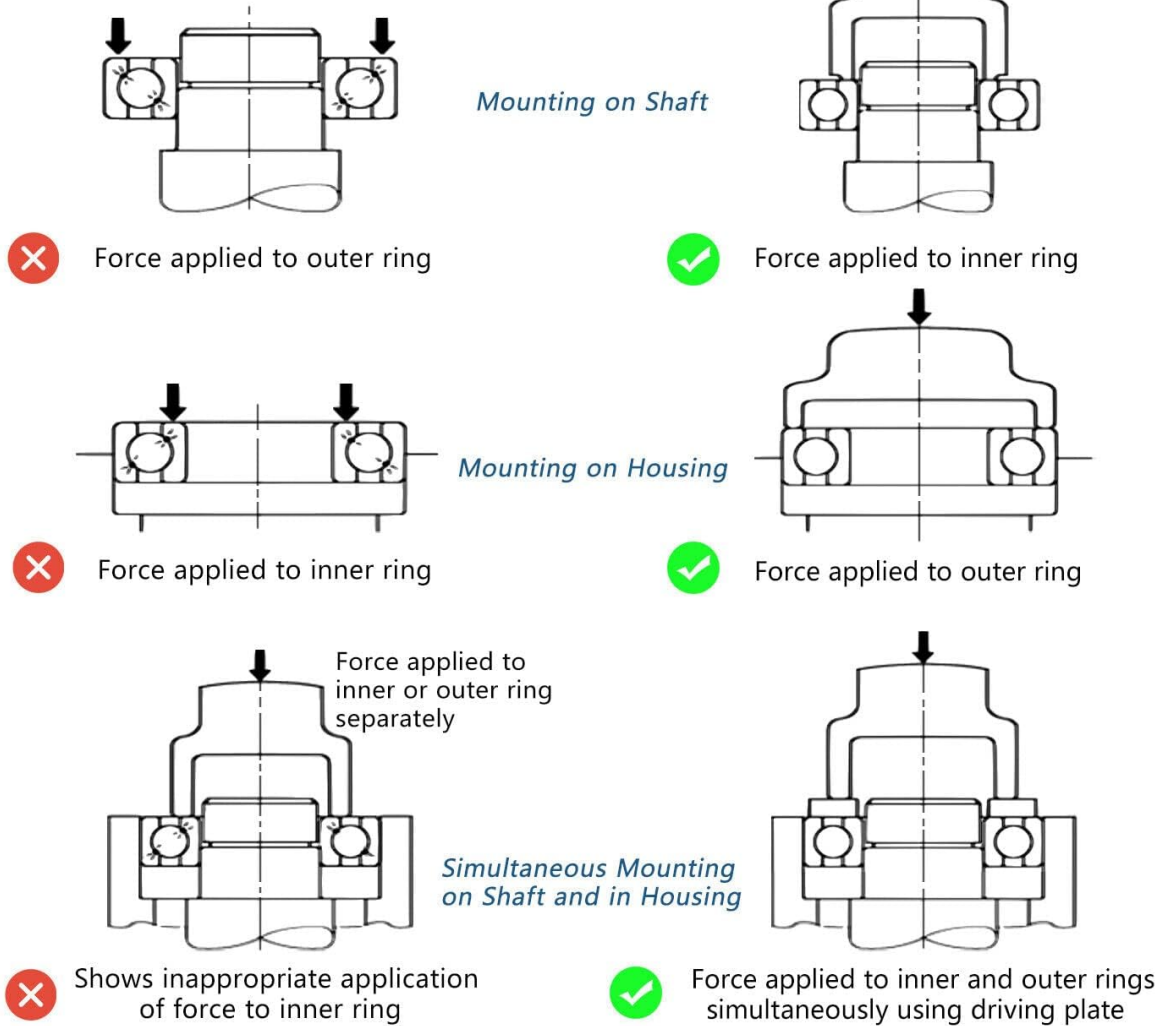


Image 3.2: Exploded view illustrating the components of a rolling bearing: Sealing Ring, Rolling Element, Inner Ring, Outer Ring, and Cage.

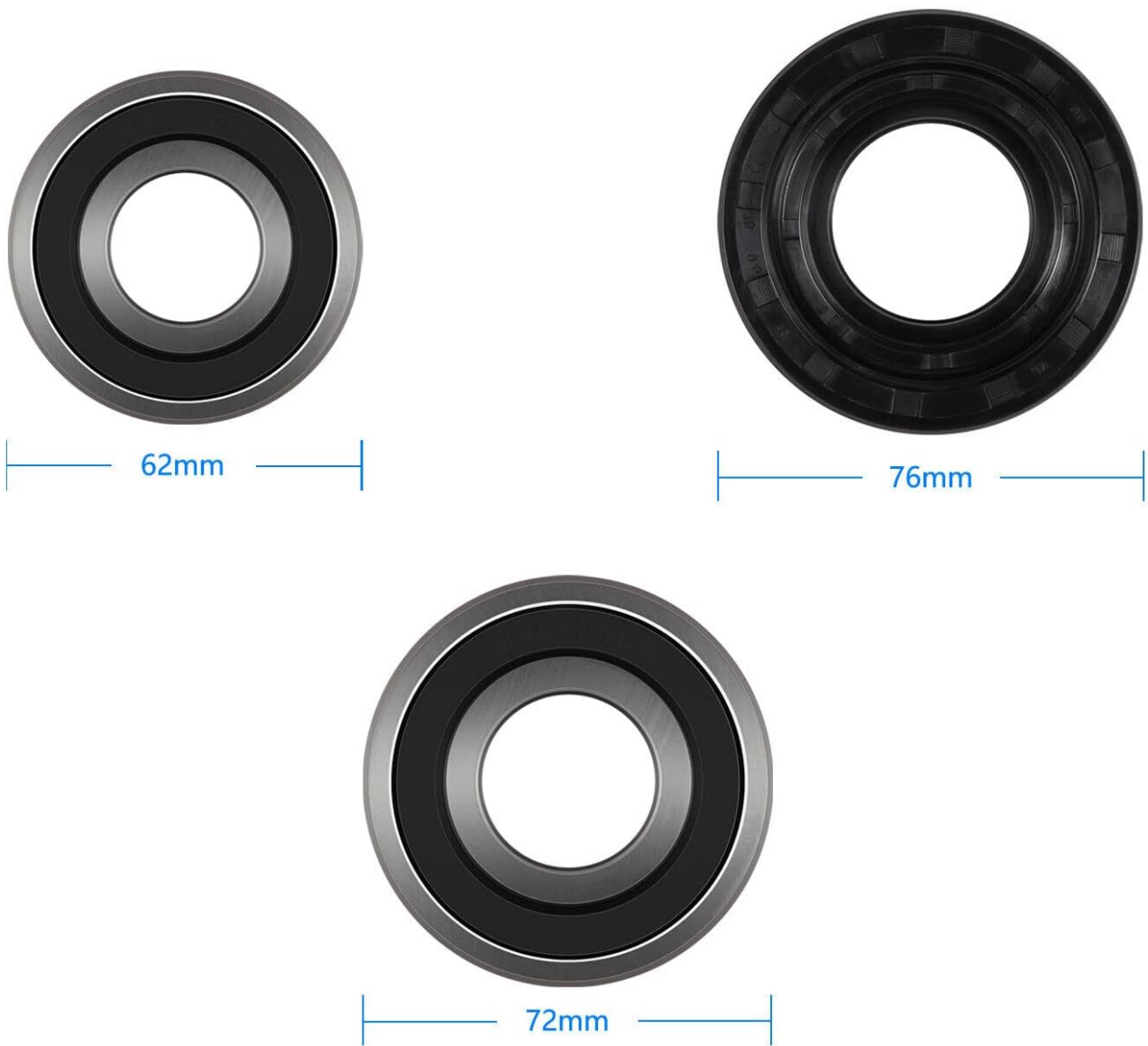


Image 3.3: Approximate dimensions of the components: Small bearing (62mm outer diameter), Tub Seal (76mm outer diameter), Large bearing (72mm outer diameter).

4. INSTALLATION GUIDE

The installation of these components requires careful attention to detail. It is recommended to consult a service manual for your specific washing machine model for detailed disassembly and reassembly instructions. The following provides general guidance for replacing the bearings and seals.

4.1. Component Replacement Steps

1. **Disassembly:** Carefully disassemble the washing machine tub to access the old bearings and seals. This typically involves removing the outer tub casing and the inner drum.
2. **Remove Old Components:**
 - **Small Washer Tub Bearing:** Remove the old small bearing.
 - **Large Washer Tub Bearing:** Remove the old large bearing.
 - **Washer Tub Seal:** Remove the old tub seal.
3. **Install New Components:**

- **Small Washer Tub Bearing:** Install the new small bearing into its designated position.
- **Large Washer Tub Bearing:** Install the new large bearing into its designated position.
- **Washer Tub Seal:** Install the new tub seal. Ensure it is seated correctly to prevent leaks.

4. **Reassembly:** Reassemble the washing machine tub and all other components in reverse order of disassembly. Ensure all connections are secure and all screws are tightened appropriately.

Product Structure

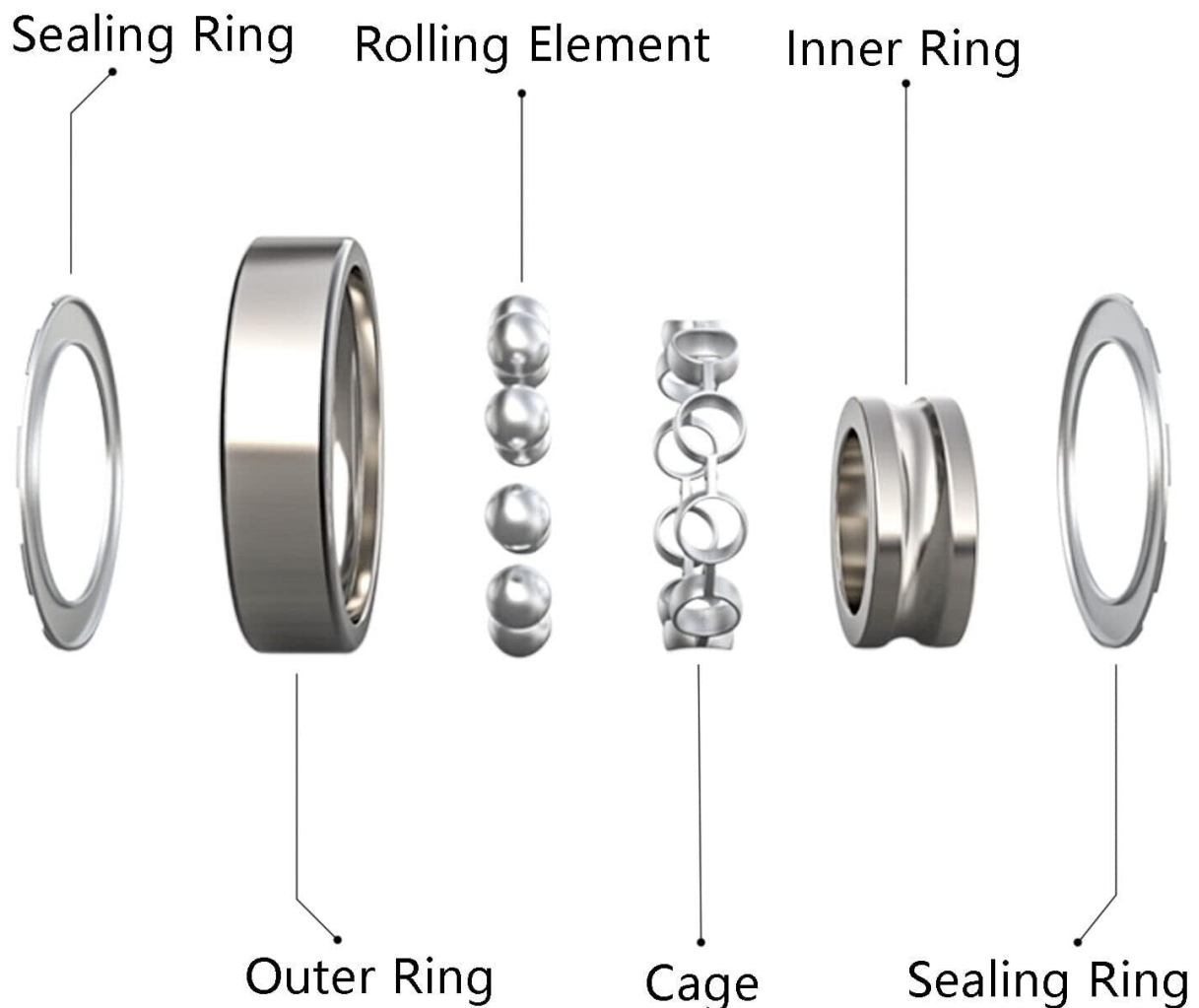


Image 4.1: Visual guide for removing old and installing new small bearing, large bearing, and tub seal.

4.2. Bearing Press Fit Guidance

Correct application of force during bearing installation is crucial to prevent damage to the bearings and ensure proper function. Always apply force to the correct ring for press fit applications.

- **Mounting on Shaft:** When mounting a bearing onto a shaft, force should be applied to the **inner ring**. Applying force to the outer ring can damage the bearing.
- **Mounting on Housing:** When mounting a bearing into a housing, force should be applied to the **outer ring**. Applying force to the inner ring can damage the bearing.
- **Simultaneous Mounting on Shaft and in Housing:** For simultaneous mounting, force should be applied to both the inner and outer rings simultaneously, often using a driving plate. Avoid applying force to only one ring in this scenario.

Product installation

Compatible with LG & Kenmore Etc Replacement Part Washing Tub Seal (4036ER2004A)
Tub Seal Gasket (4036ER4001B), Large Bearing (4280FR4048L), Small Bearing (4280FR4048E)



**Washer Tub Bearing(Small)
(4280FR4048E)**

Remove the old bearing and
install the new bearing



**Washer Tub Bearing(Big)
(4280FR4048L)**

Remove the old bearing and
install the new bearing



**Washer Tub Seal
(4036ER2004A)**

Remove the old Washing Tub Seal
and Install the New Washing Tub Seal

Image 4.2: Correct and incorrect load positions for press fitting bearings during installation.

5. MAINTENANCE

Once installed, these components are designed for long-term performance. Regular maintenance of your washing machine, such as cleaning the tub and checking for any unusual noises or leaks, can help identify potential issues early. The high-quality materials and double-seal design of these bearings contribute to reduced maintenance costs and extended replacement frequency compared to standard components. While these parts are durable, it is good practice to periodically inspect the area around the tub for any signs of water leakage or excessive vibration, which could indicate future wear.

6. TROUBLESHOOTING

This bearing and seal kit is designed to resolve specific common issues in front load washing machines. If you experience any of the following symptoms, replacement of these components is likely the solution:

- **Noisy Operation:** A grinding, rumbling, or loud thumping noise during the wash or spin cycle often indicates worn tub bearings.
- **Leaking Water:** Water leaking from the bottom of the washing machine, especially during the wash or rinse cycles, can be a sign of a failed tub seal.
- **Excessive Shaking and Movement:** If the washing machine shakes violently or moves significantly during the spin cycle, even with a balanced load, it could be due to worn bearings affecting the stability of the tub.

If these symptoms persist after proper installation of the kit, further diagnosis by a qualified technician may be required to identify other potential issues with your appliance.

7. SPECIFICATIONS

| Attribute | Detail |
|-----------------------|--|
| Manufacturer | NGHTMRE |
| Part Number (Model) | 4036ER4001B (Kit) |
| Included Part Numbers | 4036ER2004A, 4036ER4001B, 4280FR4048L, 4280FR4048E |
| Country of Origin | China |
| ASIN | BOC9THBTP8 |
| Date First Available | June 30, 2023 |

7.1. Compatible LG Models

This kit is compatible with a wide range of LG front load washer models, including but not limited to: WM0642HS, WM0642HW, WM0742HGA, WM0742HWA, WM1333HW, WM1355HR, WM1355HW, WM1811CW, WM1832CW, WM2011HW, WM2032HS, WM2032HW, WM2042CW, WM2050CW, WM2075CW, WM2101HW, WM2140CW, WM2233HD, WM2233HS, WM2233HU, WM2233HW, WM2240CW, WM2250CW, WM2277HB, WM2277HS, WM2301HR, WM2301HS, WM2301HW, WM2350HRC, WM2350HWC, WM2411HW, WM2432HW, WM2442HW, WM2450HRA, WM2455HG, WM2455HW, WM2487HRM, WM2487HRMA, WM2487HWM, WM2487HWMMA, WM2487WHM, WM2496HSM, WM2496HWM, WM2497HWM, WM2501HVA, WM2501HWA, WM2601HL, WM2601HR, WM2601HW, WM2650HRA, WM2650HWA, WM2655HVA, WM267HBM, WM2677HSM, WM2677HWM, WM2688HNM, WM2688HNMA, WM2688HWM, WM2688HWMMA, WM2701HV, WM2801HLA, WM2801HRA, WM2801HWA, WM2901HVA, WM3001HPA, WM3001HRA, WM3001HWA, WM3050CW, WM3070HRA, WM3070HWA, WM3250HRA, WM3250HVA, WM3250HWA, WM3360HRCA, WM3360HVCA, WM3360HWCA, WM3431HW01, WM3455HS, WM3455HW, WM3470HVA, WM3470HWA, WM3477HW, WM3632HW, WM3677HW, WM3987HW, WM3988HWA.

8. WARRANTY & SUPPORT

This product comes with a manufacturer's warranty. For specific details regarding the warranty period and coverage, please refer to the product packaging or contact the manufacturer directly. The warranty guarantees the quality and performance of the components under normal use.

For technical support, installation inquiries, or warranty claims, please contact your retailer or the manufacturer. When contacting support, please have your product model number (4036ER4001B) and purchase information readily available.