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› UpStart Components W10447783 Washer Tub Bearing Installation Tool and W10435302 Tub Seal and Bearing Kit User Manual

UpStart Components AP-W10447783-W10435302-DL2

UpStart Components W10447783 Washer Tub Bearing Installation Tool and W10435302 Tub Seal and Bearing Kit User Manual

For Whirlpool WTW6600SW1 Washing Machines

1. INTRODUCTION

This manual provides instructions for the proper use and installation of the UpStart Components W10447783 Washer Tub Bearing Installation Tool and the W10435302 Tub Seal and Bearing Kit. This kit is designed as a replacement for specific Whirlpool washing machine models, including the WTW6600SW1, to address issues related to tub bearings and seals.

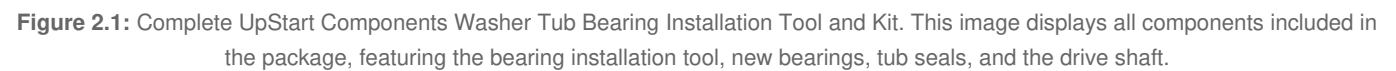
The installation tool facilitates the removal of old bearings and the precise installation of new ones, ensuring a secure and functional repair. The kit includes all necessary components for replacing the tub bearings and seals, which are critical for the smooth and quiet operation of your washing machine tub.

Compatibility: This kit and tool are compatible with part numbers W10447783, AP5325072, 2119011, AH3503307, EA3503307, PS3503307, W10435302, AP5325033, 2118925, AH3503261, EA3503261, PS3503261.

2. PRODUCT OVERVIEW AND COMPONENTS

The UpStart Components kit includes a specialized installation tool and a comprehensive set of replacement parts for your washing machine's tub bearings and seals. Understanding each component is crucial for successful installation.

Components



2.1. Installation Tool Components

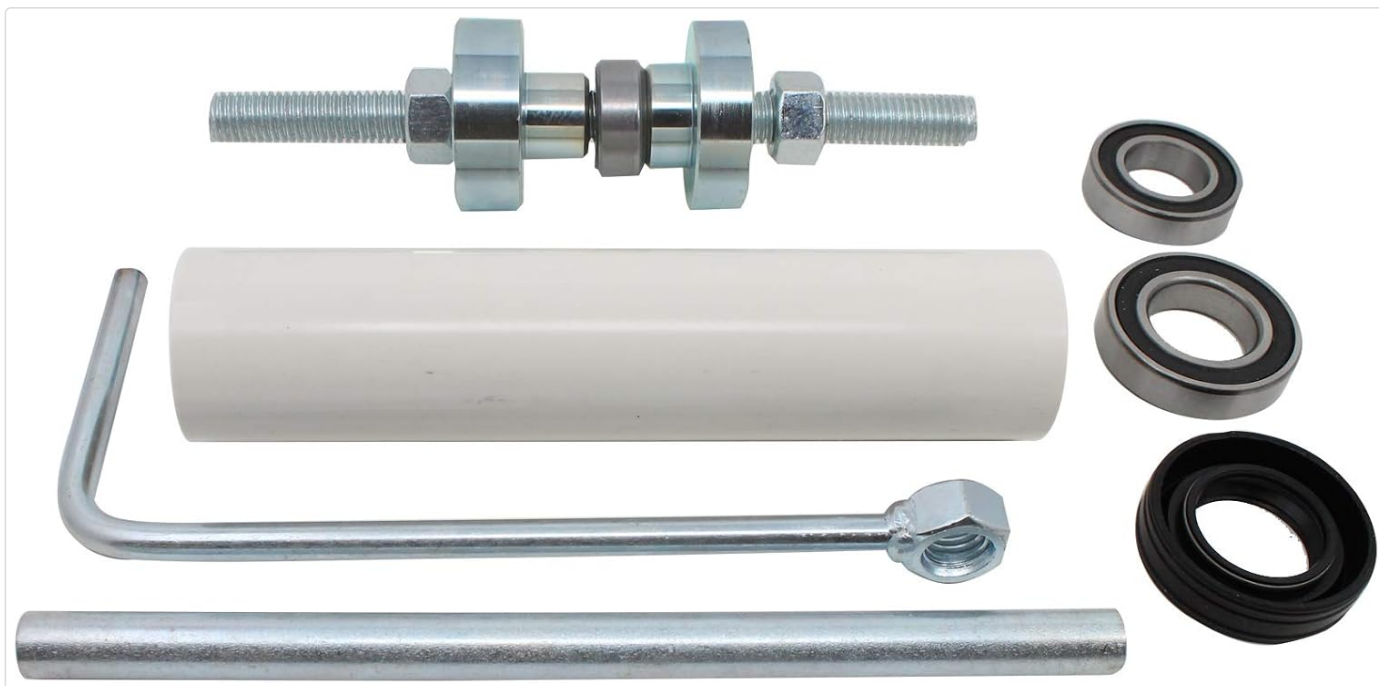


Figure 2.2: Close-up view of the bearing installation tool, including threaded rods, nuts, washers, and pressing sleeves. Also shown are the new tub bearings and a tub seal.

- **Threaded Rods and Nuts:** Used to apply even pressure for bearing removal and installation.
- **Pressing Sleeves/Disks:** Designed to fit over the bearings and seals, ensuring proper alignment and preventing damage during pressing.
- **Wrench/Handle:** For tightening the nuts on the threaded rods.
- **Spacer Tube:** Provides necessary clearance and support during the pressing process.

2.2. Replacement Kit Components



Figure 2.3: Detailed view of the replacement kit components, including the drive shaft, new tub bearings, tub seals, washers, and tubes of lubricant/adhesive.

- **Tub Bearings:** Two new bearings (typically sealed ball bearings) that allow the washer tub to spin smoothly.
- **Tub Seals:** Rubber seals that prevent water from entering the bearing housing, protecting the bearings from corrosion and failure.
- **Drive Shaft:** The central shaft that connects the motor to the wash tub, often replaced if worn or damaged during

bearing failure.

- **Washers/Spacers:** Small metal rings used for proper spacing and fit.
- **Lubricant/Adhesive:** Grease for the bearings and possibly an adhesive for securing seals or other components.

3. SAFETY INFORMATION

Always prioritize safety when performing appliance repairs. Failure to follow safety precautions can result in personal injury or damage to the appliance.

- **Disconnect Power:** Before beginning any repair, always unplug the washing machine from the electrical outlet and turn off the water supply.
- **Wear Protective Gear:** Use appropriate personal protective equipment, including safety glasses and work gloves, to prevent injury from sharp edges, moving parts, or chemicals.
- **Read Instructions:** Thoroughly read and understand all instructions in this manual before starting the repair.
- **Proper Tools:** Use only the tools provided or recommended for this repair. Ensure all tools are in good working condition.
- **Heavy Lifting:** Washing machines can be heavy. Seek assistance if you need to move or lift heavy components.
- **Work Area:** Ensure your work area is well-lit, clean, and free of obstructions.

4. SETUP AND PREPARATION

1. **Gather Tools:** In addition to this kit, you may need basic hand tools such as screwdrivers, wrenches, pliers, and a socket set.
2. **Clear Work Area:** Move the washing machine to an open area where you have sufficient space to work around it.
3. **Drain Water:** Ensure the washing machine tub is completely empty of water. Disconnect water hoses and drain any residual water.
4. **Access Tub Assembly:** Depending on your specific washing machine model (Whirlpool WTW6600SW1), you will need to disassemble the outer casing and possibly the agitator and inner tub to gain access to the outer tub and its bearing housing. Refer to your washing machine's service manual for detailed disassembly instructions.

5. INSTALLATION INSTRUCTIONS

This section outlines the general procedure for replacing the tub bearings and seals using the provided installation tool. Specific disassembly and reassembly steps for your washing machine model are not covered here and should be referenced from the appliance's service manual.

5.1. Removing Old Bearings and Seals

1. **Access Bearing Housing:** Once the outer tub is exposed and the drive shaft is removed, locate the old bearings and seals within the tub's bearing housing.
2. **Prepare Tool for Removal:** Assemble the threaded rods and appropriate pressing sleeves from the installation tool kit. Position the tool to press out the old bearings and seals from the tub housing. The tool is designed to apply pressure evenly.
3. **Press Out Components:** Carefully tighten the nuts on the threaded rods using the provided wrench. This action will press the old bearings and seals out of their housing. Ensure components are pressed out squarely to avoid damage to the tub housing.
4. **Clean Housing:** Thoroughly clean the bearing housing area, removing any debris, rust, or old grease. A clean

surface is essential for the new seals to seat properly.

5.2. Installing New Seals and Bearings

- Lubricate Seals:** Apply a thin layer of the provided grease or compatible lubricant to the new tub seals. This aids in installation and helps prevent premature wear.
- Install Inner Seal:** Carefully place the inner tub seal into its housing. Use the installation tool with the appropriate pressing sleeve to gently press the seal into place. Ensure it is seated flush and evenly.
- Install Bearings:** Apply a small amount of grease to the new bearings. Position the first bearing into the housing. Use the installation tool with the correct pressing sleeve to press the bearing into place. Repeat for the second bearing, ensuring both are fully seated.
- Install Outer Seal:** Install the outer tub seal using the same method as the inner seal, ensuring it is properly seated and flush.
- Install Drive Shaft:** Carefully insert the new drive shaft through the newly installed bearings and seals. Ensure it slides smoothly without excessive force.
- Verify Fit:** Once all components are installed, check that the drive shaft rotates freely and that the seals are properly seated.

Note: Always refer to your specific washing machine's service manual for torque specifications and any model-specific installation nuances.

6. MAINTENANCE

Proper care of your installation tool will ensure its longevity and effectiveness for future repairs.

- Clean After Use:** After each use, clean the installation tool components to remove any grease, dirt, or debris.
- Store Properly:** Store the tool in a dry place to prevent rust. Keep all components together to avoid loss.
- Inspect Regularly:** Periodically inspect the threaded rods and pressing sleeves for wear or damage. Replace any worn components if necessary.

7. TROUBLESHOOTING

If you encounter issues during the installation process, consider the following common troubleshooting tips:

- Bearings Not Seating:** Ensure the bearing housing is completely clean and free of obstructions. Verify you are using the correct pressing sleeve size. Apply even pressure.
- Seals Leaking:** Check that the seals are installed in the correct orientation and are fully seated flush with the housing. Ensure the drive shaft surface is clean and smooth where it contacts the seal.
- Tool Slipping:** Ensure all nuts on the threaded rods are tightened securely and that the pressing sleeves are properly aligned with the components being pressed.
- Difficulty Disassembling/Reassembling Washer:** Refer to your specific washing machine's service manual for detailed instructions on appliance disassembly and reassembly.

8. SPECIFICATIONS

Attribute	Detail
Brand	UpStart Components

Part Number	AP-W10447783-W10435302-DL2
Material	Plastic (for some components), Metal (for tool and bearings)
Compatible Lubricant	Grease (included)
Compatible Washer Models	Whirlpool WTW6600SW1 and others compatible with W10447783 / W10435302

9. WARRANTY AND SUPPORT

This product is an UpStart Components Brand replacement part. Any warranties for this product are offered solely by UpStart Components.

For technical support, warranty claims, or questions regarding this product, please contact the seller directly. Ensure you have your purchase details available when contacting support.

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

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