LG AEN73131406

LG AEN73131406 Clutch Assembly Instruction Manual

Genuine OEM Replacement Part for LG Washing Machines

1. Introduction

The LG AEN73131406 Clutch Assembly is a genuine Original Equipment Manufacturer (OEM) replacement part designed for specific LG washing machine models. This component is integral to the washing machine's drive system, facilitating the proper rotation of the wash tub during various cycles, particularly the spin cycle. Replacing a faulty clutch assembly can resolve issues such as loud banging, grinding, or metal-on-metal noises during operation.

2. Safety Information

- **Disconnect Power:** Always unplug the washing machine from the power outlet before attempting any repair or maintenance.
- **Wear Protective Gear:** Use appropriate personal protective equipment, including gloves and safety glasses, to prevent injury.
- **Professional Installation Recommended:** Appliance repair can be complex. If you are not comfortable with the procedure, it is highly recommended to seek assistance from a qualified appliance technician.
- **Handle with Care:** The clutch assembly may have sharp edges or moving parts. Exercise caution during handling and installation.

3. Product Overview

3.1. Part Description

The AEN73131406 is a complete clutch assembly, also referred to as a housing assembly or clutch coupling. It is typically made of durable plastic and metal components designed to withstand the operational stresses of a washing machine. This part ensures the smooth engagement and disengagement of the wash tub during different cycles.

3.2. Product Images



This image displays the LG AEN73131406 Clutch Assembly, emphasizing the importance of confirming the part number with the appliance manufacturer before installation. The LG logo is visible at the bottom, along with the part number AEN73131406 and the description "Clutch Assembly Genuine OEM Replacement Parts."



This image illustrates the approximate dimensions of the LG AEN73131406 Clutch Assembly, showing a length of 12 inches, a width of 12 inches, and a height/depth of 9 inches. The LG logo is also present.

3.3. Specifications

- **Model:** AEN73131406
- **Brand:** LG
- **Material:** Plastic
- **Item Weight:** Approximately 3.3 Pounds
- **Approximate Dimensions (L x W x H):** 12 x 12 x 9 inches
- **UPC:** 640279795636

4. Installation

Installing the LG AEN73131406 Clutch Assembly typically involves accessing the deepest part of the washing machine. This is often a complex DIY task that requires specific tools and careful attention to detail. It is highly recommended to consult your specific washing machine's service manual or watch official installation videos for

your model before proceeding.

4.1. Required Tools (Commonly Needed)

- Ratchet set
- Adjustable wrench
- Torque wrench (short handle recommended)
- Deep socket (e.g., 38mm, specific size may vary by model)
- Phillips and flathead screwdrivers
- Impact drill (optional, but can be very helpful)
- WD-40 or similar penetrating oil
- Propane torch (for stubborn parts, use with extreme caution)

4.2. General Installation Steps (Overview)

1. **Preparation:** Disconnect power, clear the work area, and gather all necessary tools.
2. **Disassembly:** This typically involves removing the washing machine's top, back panel, and potentially the agitator, wash tub, stator, and stator cover. Keep all screws organized.
3. **Remove Old Clutch Assembly:** Carefully detach the old clutch assembly. Be aware that older units may have components that are difficult to remove due to corrosion or buildup. Techniques like applying WD-40 or gentle heat (with caution) may be necessary for stubborn parts.
4. **Inspect and Clean:** Before installing the new part, inspect the surrounding area for any debris, lint, or gunk. Clean thoroughly. Verify that any thick metal or rubber washers from the old assembly have been removed and are not stuck to the bottom of the drum.
5. **Install New Clutch Assembly:** Position the new AEN73131406 clutch assembly and secure it according to your model's specifications. Ensure all threaded holes are properly aligned and threaded.
6. **Reassembly:** Reassemble the washing machine in reverse order of disassembly. Ensure all connections are secure and all screws are tightened appropriately.
7. **Test:** Once fully reassembled, reconnect power and perform a test cycle to ensure proper function and absence of unusual noises.

5. Operation

As an internal component, the LG AEN73131406 Clutch Assembly does not have direct user-facing operational controls. Its function is integrated into the washing machine's automatic cycles. When the washing machine is in operation, the clutch assembly engages and disengages as needed to control the rotation of the wash tub, particularly during the agitation and spin phases, ensuring efficient and effective cleaning and water extraction.

6. Maintenance

The LG AEN73131406 Clutch Assembly is designed for durability and typically requires minimal direct maintenance. However, general appliance care can prolong its lifespan and the overall performance of your washing machine:

- **Regular Cleaning:** Periodically clean the interior of your washing machine to prevent lint and soap residue buildup, which can sometimes affect internal components.
- **Load Balancing:** Avoid overloading the washing machine and ensure loads are balanced to reduce undue stress on the clutch assembly and other drive components.

- **Prompt Repair:** Address any unusual noises or operational issues promptly to prevent further damage to the clutch assembly or other parts.

7. Troubleshooting

If your washing machine exhibits symptoms related to the clutch assembly, consider the following:

- **Loud Banging/Grinding Noises:** If you hear loud banging, grinding, or metal-on-metal noises during the spin cycle, it often indicates a worn or damaged clutch assembly.
- **Tub Not Spinning Properly:** If the wash tub is not spinning or agitating effectively, the clutch assembly may be failing to engage or disengage correctly.
- **Vibration/Shaking:** Excessive vibration or shaking during the spin cycle, even with balanced loads, could be a symptom of a failing clutch assembly or related drive components.
- **New Part Issues:** Upon receiving a new part, inspect it for any damage (e.g., broken plastic actuator arms) or manufacturing defects (e.g., unthreaded holes) before installation. These issues should be addressed with the supplier.

If these issues persist after inspecting or replacing the clutch assembly, further diagnosis by a qualified technician may be required to identify other potential problems within the washing machine's drive system.

8. Warranty and Support

For information regarding the warranty of your LG AEN73131406 Clutch Assembly, please refer to the documentation provided with your purchase or contact LG customer support directly. As a genuine OEM part, it typically adheres to LG's quality standards and warranty policies for replacement components.

For technical assistance, installation guidance, or to locate a certified service technician, please visit the official LG website or contact their customer service department.

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.

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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