

WEIJIA W11255272

WEIJIA W11255272 Washer Transmission Gear Case Instruction Manual

For Models: W11255272, W11454741, W10473144, W10870910

1. PRODUCT OVERVIEW

The WEIJIA W11255272 is a replacement washer transmission gear case assembly designed for various Whirlpool washing machine models. This component is crucial for the proper functioning of your washing machine's agitation and spin cycles. It replaces several part numbers, including W11454741, W10473144, W10870910, W11035749, W10771759, W10771758, W10473143, W10006378, W10006402, W10903969.



Figure 1: Front view of the WEIJIA W11255272 Washer Transmission Gear Case. This image displays the main body of the gear case with the

2. SAFETY INFORMATION

Before attempting any installation, repair, or maintenance on your washing machine, it is imperative to follow these safety guidelines to prevent injury or damage to the appliance.

- **Disconnect Power:** Always ensure the washing machine is completely disconnected from its power source (unplugged) before beginning any work.
- **Wear Protective Gear:** Wear appropriate personal protective equipment, such as gloves, to protect your hands from sharp edges or moving parts.
- **Consult a Professional:** If you are unsure about any step or lack the necessary tools or expertise, consult a qualified appliance repair technician.
- **Follow Manufacturer Guidelines:** Refer to your specific washing machine's service manual for detailed disassembly and reassembly instructions.
- **Secure the Appliance:** Ensure the washing machine is stable and cannot tip over during the repair process.

3. INSTALLATION INSTRUCTIONS

This section provides general guidance for replacing a washer transmission gear case. Specific steps may vary depending on your washing machine model. Always refer to your appliance's service manual for precise instructions.

1. Preparation:

- Disconnect the washing machine from the power outlet.
- Turn off the water supply to the washing machine.
- Disconnect the water inlet hoses and drain hose.
- Move the washing machine to an open area for easier access.

2. Accessing the Gear Case:

- Depending on your model, you may need to remove the back panel, front panel, or tilt the machine to access the underside.
- Carefully remove any components obstructing access to the gear case, such as the motor, pump, or drive belt.

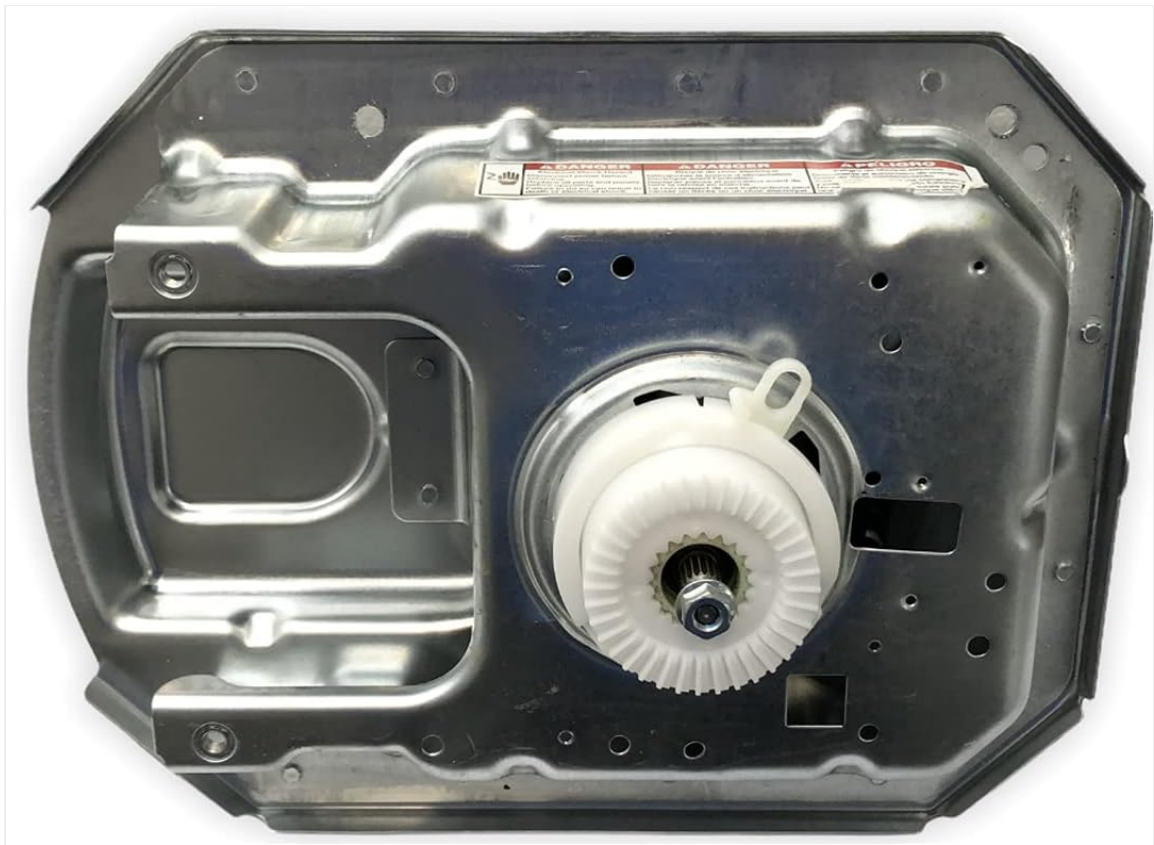


Figure 2: Underside view of the gear case, showing the white plastic gear and mounting points. This perspective is typical when accessing the component from beneath the washer.

3. Removing the Old Gear Case:

- Locate and disconnect any electrical connections or hoses attached to the gear case.
- Unbolt the old gear case from its mounting points. Note the orientation and any washers or spacers.
- Carefully remove the old gear case. Be aware of any remaining oil or grease.

4. Installing the New Gear Case:

- Position the new WEIJIA W11255272 gear case in the correct orientation.
- Secure it with the mounting bolts, ensuring they are tightened to the manufacturer's specifications.
- Reconnect all electrical connections and hoses that were previously detached.
- Ensure the drive shaft is properly aligned with the agitator or wash plate mechanism.



Figure 3: Close-up view of the white plastic gear and associated components on the gear case. This detail is important for ensuring proper engagement with other drive components.

5. Reassembly and Testing:

- Reassemble any panels or components that were removed.
- Reconnect water hoses and the drain hose.
- Reconnect the washing machine to the power supply.
- Run a short test cycle (e.g., rinse and spin) to ensure proper operation and check for any leaks or unusual noises.

4. OPERATING CONSIDERATIONS

Once the WEIJIA W11255272 gear case is correctly installed, the washing machine should operate as intended. This component directly influences the agitation and spin functions. If you notice any of the following, it may indicate an issue with the installation or the component itself:

- Unusual noises during agitation or spin cycles.
- The agitator not moving or moving weakly.
- The drum not spinning or spinning inconsistently.
- Leaking from the bottom of the washing machine.

If any of these symptoms occur, immediately disconnect power and re-check the installation or consult a qualified technician.

5. MAINTENANCE

The WEIJIA W11255272 Washer Transmission Gear Case is a sealed unit and generally does not require routine maintenance. However, to ensure the longevity of your washing machine and its components:

- **Regular Cleaning:** Keep the area around the washing machine clean and free of debris.
- **Load Management:** Avoid consistently overloading your washing machine, as this can put undue stress on the transmission system.
- **Prompt Repairs:** Address any unusual noises or operational issues promptly to prevent minor problems from escalating.

6. TROUBLESHOOTING

If your washing machine exhibits problems after replacing the gear case, consider the following troubleshooting steps:

- **Washer Not Agitating/Spinning:**
 - Ensure all electrical connections to the gear case and motor are secure.
 - Check if the drive belt (if applicable) is properly tensioned and not broken.
 - Verify that the agitator or wash plate is correctly seated on the drive shaft.
- **Loud Noises During Operation:**
 - Confirm all mounting bolts for the gear case are tightened.
 - Check for any foreign objects that may have fallen into the tub or beneath it.
 - Inspect the drive shaft for any signs of damage or misalignment.



Figure 4: Detailed view of the drive shaft, showing the splines and retaining bolt. Proper condition and engagement of this shaft are critical for washer function.

- **Water Leaking:**
 - Inspect the tub seal around the drive shaft for proper seating and damage.
 - Ensure all water hoses are securely connected and not leaking.

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

7. SPECIFICATIONS

Attribute	Detail
Part Number	W11255272
Brand	WEIJIA
Color	Silver
Replaces Part Numbers	W11454741, W10473144, W10870910, W11035749, W10771759, W10771758, W10473143, W10006378, W10006402, W10903969
Manufacturer	WEIJIA
ASIN	B0963476RW
Date First Available	May 28, 2021

8. WARRANTY AND SUPPORT

For specific warranty information regarding the WEIJIA W11255272 Washer Transmission Gear Case, please refer to the product packaging or contact the seller directly. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

For technical support or assistance with installation, it is recommended to contact the retailer from whom the part was purchased or a certified appliance repair technician.

Manufacturer Contact: Please refer to the WEIJIA official website or product documentation for direct manufacturer support contact details.