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Frigidaire 5304517318

Frigidaire 5304517318 Laundry Center Washer Gear Case Instruction Manual

Genuine Original Equipment Manufacturer (OEM) Part

1. Product Overview

The Frigidaire 5304517318 Washer Gear Case is a genuine original equipment manufacturer (OEM) part designed for laundry centers. This critical component is responsible for driving the agitator and spinning the basket within the washer, ensuring proper cleaning cycles. Replacing a faulty gear case can restore your laundry center's functionality.



Figure 1.1: Top view of the Frigidaire 5304517318 Washer Gear Case. This image shows the upper assembly of the gear case, including the central shaft and mounting points.

2. Important Safety Information

WARNING: Before attempting any repair or installation, always unplug the laundry center from its power source to prevent electric shock or injury. Failure to do so can result in serious injury or death.

- Wear work gloves to protect your hands from sharp edges and potential pinch points during installation.
- Ensure the work area is well-lit and clear of obstructions.
- If you are unsure about any step, consult a qualified appliance technician.
- Keep children and pets away from the work area.

3. Compatibility and Model Verification

This Washer Gear Case (Part Number 5304517318) is specifically designed for various Frigidaire laundry center models. It is crucial to verify that this part is compatible with your specific appliance model before installation.



Figure 3.1: Important reminder to verify part compatibility with your appliance model. Many parts may look similar but are not interchangeable.

Compatible models include: CFLE3900UW3, FLCG7522AW0, FLCG7522AW1, CFLE3900UW1, CFLE3900UW0, FLCE7523AW0, FLCE7522AW0, FLCE7522AW1, FLCE7522AW2, FLCE7522AW3, FLCE752CAW0, 41771732810, FLCE752CAW1, 41761733810, 41761732810, 41761733811, 41771733810, 41761732811, 41771732811, 41771733811.

Locate your laundry center's model number, typically found on a sticker inside the door frame or on the back of the appliance, and cross-reference it with the list above or your appliance's service manual.

4. Installation Guide

This section provides general steps for replacing the washer gear case. Specific procedures may vary slightly depending on your laundry center model. Always refer to your appliance's service manual for detailed instructions.

Tools Required:

- Screwdrivers (Phillips and Flathead)
- Socket Wrench Set
- Pliers
- Work Gloves

Installation Steps:

1. **Disconnect Power:** Unplug the laundry center from the electrical outlet. Turn off the water supply valves to the washer.
2. **Access the Gear Case:** Depending on your model, you may need to remove the back panel, front panel, or tilt the appliance to access the bottom. This often involves removing screws and possibly disconnecting hoses or wires.
3. **Drain Water:** If there is any water remaining in the washer tub, drain it completely.
4. **Remove Drive Components:** Carefully disconnect the drive belt, motor, and any other components attached to the existing gear case. Note their positions for reassembly.
5. **Unbolt Old Gear Case:** Locate and remove the bolts or fasteners securing the old gear case to the washer frame or tub.

6. **Remove Old Gear Case:** Carefully lower and remove the old gear case. It may be heavy.
7. **Install New Gear Case:** Position the new Frigidaire 5304517318 Washer Gear Case into place. Ensure it aligns correctly with the mounting holes.
8. **Secure New Gear Case:** Reinstall the bolts or fasteners to secure the new gear case. Tighten them firmly but do not overtighten.
9. **Reattach Drive Components:** Reconnect the drive belt, motor, and any other components that were disconnected. Ensure the belt is properly tensioned.
10. **Reassemble Appliance:** Reattach any panels, hoses, or wires that were disconnected. Ensure all connections are secure.
11. **Restore Power and Water:** Plug the laundry center back into the electrical outlet and turn on the water supply.
12. **Test Functionality:** Run a short wash cycle to ensure the new gear case is functioning correctly, and there are no leaks or unusual noises.



Figure 4.1: Side view of the gear case, illustrating the shaft that connects to the agitator and basket drive mechanisms.

5. Operating Considerations

Once the new gear case is installed, your laundry center should operate as intended, with the agitator moving and the basket spinning during the wash and spin cycles. Pay attention to any unusual noises or vibrations during operation,

which could indicate an issue with installation or another component.

- Ensure the washer is level to prevent excessive vibration and wear on internal components, including the gear case.
- Avoid overloading the washer, as this can put undue stress on the gear case and motor.

6. Maintenance

The Frigidaire 5304517318 Washer Gear Case is a sealed unit and does not require routine lubrication or maintenance. However, proper care of your laundry center can extend the life of all its components, including the gear case.

- Regularly clean the washer tub and dispenser to prevent buildup that could affect balance and operation.
- Check the drive belt periodically for signs of wear or cracking. Replace if necessary.
- Ensure the appliance is always level to minimize stress on the gear case bearings.

7. Troubleshooting

If you experience issues after installing the new gear case, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Washer not agitating	Incorrect gear case installation, faulty drive belt, motor issue.	Recheck gear case installation, inspect and replace drive belt if worn, check motor connections.
Washer not spinning	Incorrect gear case installation, faulty drive belt, lid switch issue.	Verify gear case connections, check drive belt, inspect lid switch for proper function.
Loud grinding or knocking noise	Improperly seated gear case, foreign object, damaged bearings (less likely with new part).	Recheck gear case mounting, inspect for obstructions, ensure all components are clear.
Leaking from bottom of washer	Seal not properly seated during installation, damaged tub seal.	Inspect gear case seal and tub seal for proper seating and damage.

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

8. Specifications

Specification	Detail
Part Number	5304517318
Brand	Frigidaire
Type	Washer Gear Case
Material	Metal (Alloy Steel)
Compatibility	Laundry Centers (Specific models listed in Section 3)
Package Dimensions	Approximately 14 x 12.1 x 11.4 inches



Figure 8.1: Top view of the gear case with a measuring tape, providing a visual reference for its dimensions.

9. Warranty and Support

As a genuine original equipment manufacturer (OEM) part, this Frigidaire gear case typically comes with a manufacturer's warranty. Please refer to the warranty information provided with your purchase or contact Frigidaire customer support for details regarding warranty coverage and claims.

For further assistance or technical support, you may visit the official Frigidaire website or contact their customer service department. When contacting support, have your appliance model number and the part number (5304517318) ready.

Figure 9.1: The official Frigidaire brand logo.

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