

Fricpart-072914

Instruction Manual for Kenmore 11021112020 OEM Washer Shift Actuator (Model: Fricpart-072914)

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the Generic Fricpart-072914 Washer Shift Actuator, designed as a replacement part for Kenmore 11021112020 washing machine models. This component is crucial for the proper functioning of your washing machine's wash and spin cycles.

The shift actuator is an integral part of the appliance's mechanism, controlling the transition between different operational modes. Ensure compatibility by verifying your appliance's model number before proceeding with installation.

2. SAFETY INFORMATION

WARNING: Always disconnect power to the washing machine before attempting any installation, repair, or maintenance. Failure to do so can result in serious injury or electrical shock.

- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- If you are not comfortable performing appliance repairs, it is recommended to seek assistance from a qualified technician.
- Refer to your specific washing machine's service manual for detailed disassembly and reassembly instructions.
- Keep children and pets away from the work area.

3. SETUP AND INSTALLATION

The shift actuator is typically located at the bottom of the washing machine, near the transmission. Installation generally involves removing the old actuator and connecting the new one. Specific steps may vary by washing machine model.

1. **Disconnect Power:** Unplug the washing machine from the electrical outlet and turn off the water supply.
2. **Access Actuator:** Depending on your washer model, you may need to tilt the machine back or remove the front/rear panel to access the actuator.
3. **Locate and Disconnect:** Identify the existing shift actuator. Disconnect any electrical connectors and remove mounting screws or clips holding it in place.
4. **Remove Old Actuator:** Carefully detach the old actuator from the transmission or shift mechanism.
5. **Install New Actuator:** Position the new Fricpart-072914 actuator in the same location as the old one. Secure it with the original screws or clips.
6. **Connect Wiring:** Reconnect the electrical connectors to the new actuator, ensuring a secure fit.
7. **Reassemble Washer:** Reattach any panels or components that were removed to access the actuator.
8. **Restore Power:** Plug the washing machine back into the electrical outlet and turn on the water supply.

9. **Test Operation:** Run a short wash cycle to confirm the actuator is functioning correctly.



Figure 3.1: The Generic Fricpart-072914 Washer Shift Actuator. This image displays the actuator unit, featuring a cylindrical motor component, electrical wiring, and a multi-pin connector, all mounted on a black plastic bracket with light-colored plastic levers. The motor is labeled with specifications such as "SYNCHRONOUS MOTOR," "AC 120V 60Hz 2.8W," and "30mA 3RPM CW."

4. OPERATING PRINCIPLES

Once installed, the shift actuator receives electrical signals from the washing machine's control board. It then mechanically shifts the transmission between the agitation (wash) and spin cycles. During the wash cycle, the actuator engages the agitator. During the spin cycle, it disengages the agitator and allows the tub to spin freely to remove water. Proper operation of the actuator ensures that the washing machine transitions smoothly and effectively between these critical phases of a laundry cycle.

5. MAINTENANCE

The shift actuator is a sealed unit and generally does not require routine maintenance. However, to ensure the longevity of your washing machine and its components:

- Avoid overloading the washing machine, as this can put undue stress on mechanical components.
- Ensure the washing machine is level to prevent excessive vibration.
- Periodically inspect the area around the actuator for any signs of wear, loose connections, or obstructions.

- Keep the area around the washing machine clean and free of debris.

6. TROUBLESHOOTING

If your washing machine exhibits issues related to shifting between cycles, the shift actuator may be a contributing factor. Common symptoms of a faulty actuator include:

- Washing machine does not agitate.
- Washing machine does not spin.
- Washing machine makes unusual noises during cycle transitions.
- Error codes related to shifting or motor function (consult your washer's user manual for specific codes).

Before troubleshooting: Always disconnect power to the appliance. If you suspect the actuator is faulty, a continuity test with a multimeter can often confirm its condition. If the actuator is confirmed to be defective, replacement is typically the solution.

7. SPECIFICATIONS

Attribute	Detail
Part Number	FRIC-PL-APP-TP-22052025-105430
Item Model Number	Fricpart-072914
Compatible Appliance Model	Kenmore 11021112020
Manufacturer	Fricparts
Brand	Generic
ASIN	B0FDH4XY9Z
Item Package Quantity	1
Number Of Pieces	1
Color	Black/White

8. WARRANTY AND SUPPORT

For warranty information regarding this replacement part, please refer to the documentation provided by the seller or contact the seller directly. Warranty terms and conditions may vary.

For technical support or further assistance with installation and troubleshooting, it is recommended to consult the official service manual for your Kenmore 11021112020 washing machine or contact a certified appliance repair technician.



