

CSD2304G02WW

Drain Solenoid Kit Replacement Manual

For General Electric and Kenmore Dishwashers

Model: CSD2304G02WW and compatible models

PRODUCT OVERVIEW

This document provides essential information for the installation, operation, and maintenance of the Drain Solenoid Kit, designed as a replacement part for various General Electric and Kenmore dishwasher models. This kit is crucial for restoring proper drainage function in your appliance.

The kit replaces original parts for models including, but not limited to: GSC3406X03WW, GSC3408K00WW, GSC3504G00CC, GSC3504G00WW, GSC3504J00CC, GSC3504J00WW, CSD2304G02WW, and many others listed in the compatibility section.

SETUP AND INSTALLATION

Proper installation of the drain solenoid kit is vital for the correct operation of your dishwasher. Always prioritize safety by following these steps carefully.

Safety Precautions:

- Disconnect Power:** Before beginning any work, ensure the dishwasher's power supply is completely disconnected from the wall outlet or circuit breaker.
- Turn Off Water Supply:** Close the water supply valve to the dishwasher to prevent leaks.
- Wear Protective Gear:** Use gloves and eye protection to prevent injury.

Tools You May Need:

- Screwdrivers (Phillips and Flathead)
- Pliers
- Nut drivers or wrenches
- Towels for water spills

Installation Steps:

- Access the Solenoid:** Depending on your dishwasher model, you may need to pull the dishwasher out from its cabinet or access the component from the bottom. Refer to your specific dishwasher's service manual for exact access procedures.

2. **Locate the Drain Solenoid:** The drain solenoid is typically located near the drain pump assembly. It controls the opening and closing of the drain valve.
3. **Disconnect Wiring:** Carefully disconnect any electrical wiring connected to the old solenoid. Note their positions for re-connection.
4. **Remove Old Solenoid:** Unfasten any screws, clips, or mounts holding the old solenoid in place. Remove the old unit.
5. **Install New Solenoid:** Position the new drain solenoid kit in the same location as the old one. Secure it with the provided hardware or existing fasteners.
6. **Connect Wiring:** Reconnect the electrical wiring to the new solenoid, ensuring a secure and correct connection.
7. **Test and Reassemble:** Once installed, carefully restore water and power. Run a short drain cycle to verify proper function. If successful, reassemble any panels or components removed during access.



Image: Components of the Drain Solenoid Kit, including the solenoid assembly, mounting hardware, and associated parts.

OPERATING INSTRUCTIONS

Once the Drain Solenoid Kit is correctly installed, your dishwasher should resume its normal operation, specifically regarding the drainage cycle. The solenoid is an automatic component that activates during the drain phase of the wash cycle.

No special operating procedures are required for the solenoid itself. Its function is integrated into the dishwasher's existing control system. If the dishwasher was previously experiencing drainage issues, these should now be resolved, allowing for complete water removal after each wash cycle.

MAINTENANCE

The drain solenoid kit itself is a sealed component and does not require routine maintenance. Its longevity is primarily dependent on the overall health and cleanliness of your dishwasher's drainage system.

To ensure the continued efficient operation of your dishwasher and its components, consider the following general maintenance tips:

- **Clean Dishwasher Filters:** Regularly clean your dishwasher's filters to prevent food particles and debris from accumulating and potentially clogging the drain pump or solenoid.
- **Avoid Overloading:** Do not overload the dishwasher, as this can impede proper water circulation and drainage.
- **Pre-Rinse Dishes:** Scrape off large food particles from dishes before loading them into the dishwasher.
- **Check Drain Hose:** Periodically inspect the drain hose for kinks or blockages.

TROUBLESHOOTING

If your dishwasher continues to experience drainage issues after replacing the drain solenoid, consider the following troubleshooting steps:

- **Verify Installation:** Double-check all connections (electrical and mechanical) to ensure the new solenoid is installed correctly and securely.
- **Check for Clogs:** Even with a new solenoid, a clog in the drain hose, air gap, or garbage disposal (if connected) can prevent proper drainage. Inspect these areas for obstructions.
- **Inspect Drain Pump:** The drain solenoid works in conjunction with the drain pump. If the pump itself is faulty, replacing the solenoid will not resolve the issue. Listen for pump operation during the drain cycle.
- **Electrical Issues:** Ensure the dishwasher is receiving power and that there are no tripped circuit breakers or blown fuses affecting the dishwasher's operation.
- **Other Components:** In some cases, issues with the main control board or other sensors could mimic a drain solenoid failure.

If you are unable to resolve the issue after performing these checks, it is recommended to consult a qualified appliance repair technician.

Specifications and Compatibility

Manufacturer	Generic
Part Number	EDW2030F00WW
Item Model Number	CSD2304G02WW
ASIN	B0D792JYLR
Date First Available	June 17, 2024

Compatible Models (Partial List):

This drain solenoid kit is a replacement for numerous General Electric and Kenmore dishwasher models. A partial list of compatible models includes:

- General Electric:** GSC3406X03WW, GSC3408K00WW, GSC3504G00CC, GSC3504G00WW, GSC3504J00CC, GSC3504J00WW, CSD2304G02WW, ADW1000K00BB, ADW1000K00WW, BRD2202G00WW, BRD2302G00WW, BSD3204G00BB, CRD2000D00WB, CRD2100G00WW, CRD2102D00WW, CRD2204D00WW, CSC2304G00WW, CSD2304G00WW, CSD3406D00BB, CSD3506G00WW, EDW1500G00BB, EDW2020F00BB, GHD1106F00WW, GHD3515F00AA, GHD5015F00AA, GHDD306L00SB, GSD1000G00WW, GSD1100G00WW, GSD1103F00WW, GSD1200G00BB, GSD1900G00WH.
- Kenmore:** 36314031000, 36314031001, 36314032000, 36314032001, 36314038000, 36314038001, 36314039000, 36314039001, 36314071792, 36314071793, 36314071794, 36314072793, 36314072794, 36314072795, 36314074792, 36314074793, 36314074794, 36314075792, 36314075793, 36314075794.

Please use Ctrl + F to search for your specific model number within this document or contact the seller for compatibility verification if your model is not listed.

Warranty and Support

This product comes with a **90-day money-back guarantee** from the date of purchase. We are confident in the quality of this replacement part.

If you have any questions regarding compatibility, installation, or if you are not satisfied with the product, please do not hesitate to contact the seller. Support is typically available to resolve issues within 24 hours.

For further assistance, you may also refer to the official service manuals for your specific dishwasher model, often available from the appliance manufacturer's website.