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Whirlpool C00307262

DEA603 Pressure Cable for Whirlpool Dishwasher

Model: **C00307262** | Brand: **Whirlpool**

Introduction

This manual provides essential information regarding the installation, functionality, maintenance, and troubleshooting of the DEA603 Pressure Cable, a genuine replacement part for Whirlpool dishwashers. This component is crucial for the proper operation of your appliance, ensuring accurate water level and pressure sensing.

Product Overview

The DEA603 Pressure Cable (part number C00307262) is an electrical component designed to connect the pressure sensor or switch within a Whirlpool dishwasher to the main control board. It facilitates the transmission of signals related to water pressure or level, which is vital for various wash cycles and safety mechanisms.



The image displays the DEA603 Pressure Cable, coiled, featuring red, blue, and white wires, with distinct electrical connectors visible at the ends. This cable is a critical component for Whirlpool dishwashers.

Installation Instructions (Setup)

Important Safety Notice: Appliance repair should only be performed by qualified technicians. Always disconnect the dishwasher from the power supply before attempting any installation or repair. Failure to do so can result in electric shock, injury, or damage to the appliance.

1. **Disconnect Power:** Unplug the dishwasher from the electrical outlet or turn off the circuit breaker supplying power to the appliance.
2. **Access Component:** Depending on your dishwasher model, you may need to remove the front access panel, kick plate, or other components to gain access to the pressure sensor/switch and its associated wiring.
3. **Locate Old Cable:** Identify the existing pressure cable connected to the sensor/switch and the main control board. Note its routing and connections.
4. **Disconnect Old Cable:** Carefully disconnect the old cable from both the pressure sensor/switch and the control board.

Take care not to damage the connectors or surrounding components.

5. **Install New Cable:** Connect the new DEA603 Pressure Cable (C00307262) to the appropriate terminals on the pressure sensor/switch and the main control board. Ensure connections are secure and properly seated.
6. **Route Cable:** Route the new cable in a manner that prevents pinching, chafing, or interference with moving parts.
7. **Reassemble:** Reinstall any panels or components that were removed to access the wiring.
8. **Restore Power:** Plug the dishwasher back into the electrical outlet or turn on the circuit breaker.
9. **Test Operation:** Run a short wash cycle to verify that the dishwasher operates correctly and that any previous error codes related to water pressure or level are resolved.

Functionality (Operating)

The DEA603 Pressure Cable itself does not have operational controls. Its function is passive, serving as a conduit for electrical signals. Once correctly installed, it enables the dishwasher's control system to accurately read the water pressure or level, which is essential for:

- Initiating and stopping water fills.
- Detecting leaks or overflows.
- Ensuring proper water circulation during wash cycles.
- Preventing damage from overfilling or insufficient water.

The proper operation of the dishwasher relies on this cable transmitting accurate data from the pressure sensor to the main control unit.

Maintenance

As an electrical cable, the DEA603 Pressure Cable requires minimal maintenance. However, periodic inspection can help ensure its longevity and proper function:

- **Visual Inspection:** During any other dishwasher maintenance or repair, visually inspect the cable for signs of wear, fraying, cuts, or insulation damage.
- **Connection Integrity:** Ensure that the connectors at both ends of the cable remain firmly seated and free from corrosion. Loose connections can lead to intermittent signals or complete failure.
- **Proper Routing:** Verify that the cable is not pinched, kinked, or rubbing against sharp edges or moving parts within the dishwasher, which could lead to damage over time.

If any damage is observed, the cable should be replaced immediately to prevent further issues with the dishwasher's operation.

Troubleshooting

Issues related to the pressure cable typically manifest as problems with water filling, draining, or specific error codes. If you suspect the cable is faulty, consider the following:

- **Dishwasher Not Filling:** If the dishwasher does not fill with water, or fills incorrectly, the pressure sensor or its cable might be at fault, preventing the control board from detecting the water level.
- **Dishwasher Overfilling:** An overfilling issue could indicate a faulty pressure sensor or a problem with the cable transmitting the correct water level signal, causing the fill valve to remain open too long.
- **Error Codes:** Many dishwashers display specific error codes related to water level or pressure issues (e.g., F3, F4, or similar codes depending on the Whirlpool model). Consult your dishwasher's specific service manual for code

definitions.

- **Intermittent Operation:** A damaged or loosely connected cable can cause intermittent issues, where the dishwasher works sometimes but not others, or cycles are interrupted.
- **Visual Damage:** As mentioned in maintenance, visually inspect the cable for any physical damage. Even minor damage can disrupt signal transmission.

If troubleshooting points to the pressure cable, replacement with a genuine part like the C00307262 is recommended.

Specifications

Attribute	Value
Product Dimensions (L x W x H)	12 x 12 x 12 cm
Item Weight	500 grams
Manufacturer	Whirlpool
ASIN	B07PN4P8L1
Manufacturer Reference	C00307262
Date First Available on Amazon.com.be	12 March 2019
Spare Parts Availability	Information unavailable on spare parts

Warranty Information

Warranty coverage for replacement parts like the DEA603 Pressure Cable (C00307262) is typically provided by the original seller or the manufacturer, Whirlpool. Please refer to your purchase documentation or contact the retailer from whom you purchased this part for specific warranty terms and conditions. Keep your proof of purchase for any warranty claims.

Support

For further assistance with the DEA603 Pressure Cable or your Whirlpool dishwasher, please consider the following support options:

- **Whirlpool Customer Service:** Visit the official Whirlpool website for contact information, service manuals, and support resources specific to your dishwasher model.
- **Authorized Service Technicians:** For complex installations or diagnostics, it is recommended to contact a qualified and authorized Whirlpool service technician.
- **Retailer Support:** If you purchased the part from a specific retailer, their customer service may be able to provide additional support or guidance.

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