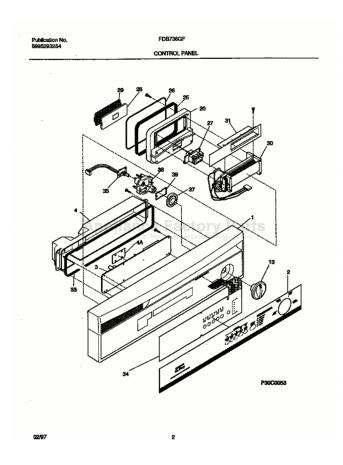
Appliance Factory Parts Experts in BBQ, Humidifier, & Appliance Parts

## FRIGIDAIRE FDB736GFR1 Owner's Manual

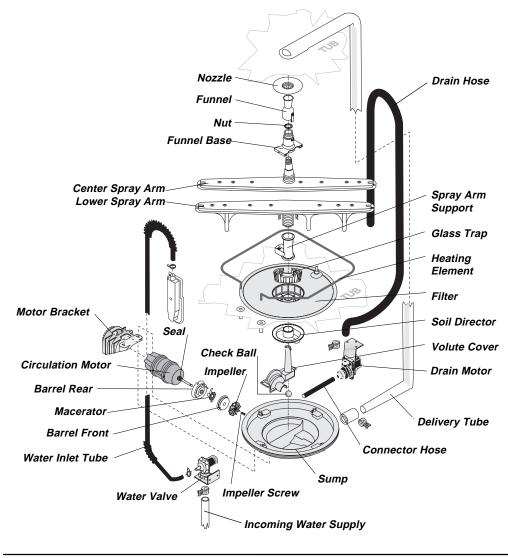
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----- Manual continues below ------

### **Exploded View of Wash System**



#### Standard Dry Air Flow

When the control advances to the "dry" portion the cycle, a linear actuator retracts a valve, wh opens a vent path through the console into kitchen. This venting method eliminat discharging heated moisture into the mo compartment. The heated, moist air leaving dishwasher through the console vent caus drier air to be drawn into the unit by way of inta vents located at the bottom of the door. T water on the dishes is evaporated into drier and the venting process continues. The heat element is turned **ON** and **OFF** during the endrying cycle.

#### **Detergent and Rinse Aid Dispenser**

The detergent and rinse aid dispenser is a c piece component consisting of a mold detergent cup and a built-in rinse aid dispense

The detergent cup has a spring loaded cover a the rinse aid dispenser has a removable cov

Liquid rinse aid is added to the dispenser up the fill line indicator. The amount of rinse released can be adjusted by turning the arr indicator from one, being the least amount, four, being the greatest amount.

To replace dispenser:

- shut off electricity to dishwasher,
- remove outer door panel assembly,
- disconnect wiring to the actuator,

#### Tub and Door Seal

The door seal is pressed into the tub channel an interference fit. Center the gasket (marked back) at the tub top center and press in pla

#### **Pump Assembly**

The pump assembly is driven by a <sup>1</sup>/<sub>12</sub> HP, shaded pole motor. Rotation is in the counterclockwise direction at 3100 to 3200 RPM. The motor drives a pump which supplies 100 percent filtered water at a rate of approximately 12 GPM to one spray arm at a time. The spray arm's operation is alternated by small "pauses" of the motor during the wash cycle.

Draining is accomplished by using a small separate synchronous drain pump mounted to the side of the sump. The drain pump is connected to the main pump by a small rubber hose. The drain check valve is located at the entrance to the drain pump. The drain hose is attached by a worm gear clamp to the discharge of the drain pump. The drain is then routed up the side of the dishwasher and attached to the side of the tub. This drain loop insures that an air pocket cannot form near the drain pump and cause the pump to

#### 900 Watt Heater

Refer to the cycle chart on the reverse side to determine when the heater is on during the wash cycle. The heater cycles **ON** and **OFF** for brief periods during the drying cycle.

air lock. The drain loop on the side of the tub must be kept in place after servicing.

The main pump can easily be removed by disconnecting the upper spray arm supply tube, the drain pump connector hose, and the wiring harness connections made at the circulation motor and the water heat thermistor located on the bottom of the pump.

Once the pump assembly is removed from the dishwasher, the motor/impeller assembly can be removed from the sump by taking out the three (3) T-20 Torx head screws from the aluminum motor bracket and then the three (3) T-20 Torx head screws from the volute cover. Using a large flat head screwdriver inserted between the impeller screw and the sump's volute, the motor/ impeller assembly can be gently pried out of the sump. Use the screwdriver as a lever.

Voltage checks of the heater should be made in the dry portion of the service test mode.



#### Product Specifications Electrical

Rating 120 Volts, 60
Separate Circuit15 amp min 20 amp m
Motor (HP)
Motor (Amps)
Heater Wattage9
Total Amps (load rated)1
TempAssure136°F ±5
(58°C±3°C) [with outer door in pla
TempBoost 144°F ±5°F (62°C ±3°
Heated Wash/Heated Rin
Hi-Limit Thermostat 200°F (93°

Z	E FR LED			OUTPUTS							CYCLES									
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## SERVICE DA

This information is intended for use by persons having electrical and mechanical training and a level of knowledge of these subjects generally considered acceptable in the appliance repair trade. Frigidaire Company cannot be responsible, nor assume any liability, for injury or damage of any kind arising from the use of this Service Data Sheet.



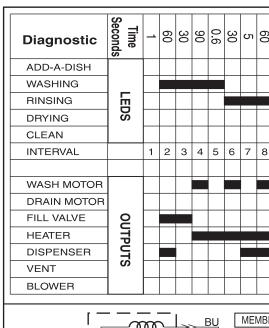
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White/Black Yellow	Pink Red/Black Red/Yellow Red/Yellow	Black/White Black/White	de

RINSE & HOLD	SHORT WASH	NORMAL WASH	POTS & PANS		INTERVAL	'CYCLE VARIABLE TABLE'
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# Cycle Test Procedure

While in power failure mode (flashing HI-TEMP WASH & NO HEAT DRY): Water/Service Test - press and hold for 3 seconds NO HEAT DRY and START/CANCEL pads.

If not in power failure mode: Cancel any cycle and, with the door latched, press for 3 seconds HI-TEMP WASH and START/CANCEL pads.



## **Cycle Selection Options**