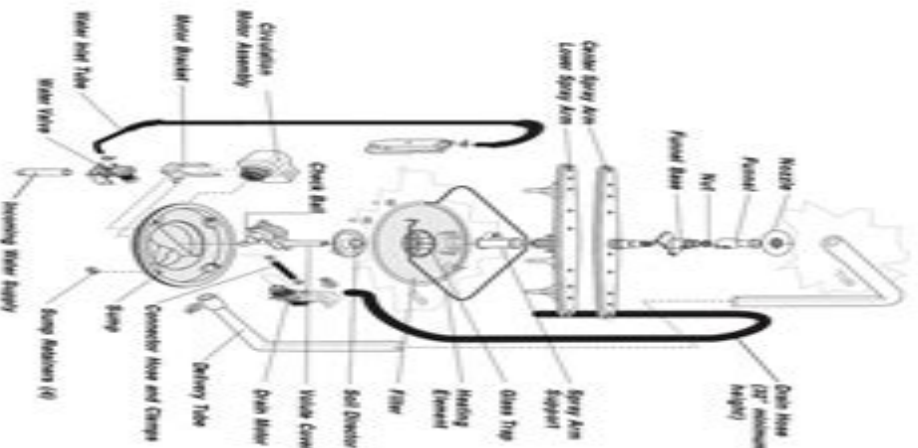


## Exploded View of Wash System



### Standard Dry Air Flow

The heated, moist air leaves the dishwasher through the venturi vent causing dry air to be drawn into the unit by way of intake vents located at the bottom of the door. The water in the dishes is evaporated into dry air and the venting process continues. The heating element is turned ON and OFF during the entire drying cycle.

### Disrupter and Finne Aid Dispenser

The disrupter and finne aid dispenser is a one piece component consisting of a molded disrupter cup and a built in finne aid dispenser.

The disrupter cup has a spring loaded cover and the finne aid dispenser has a removable cover.

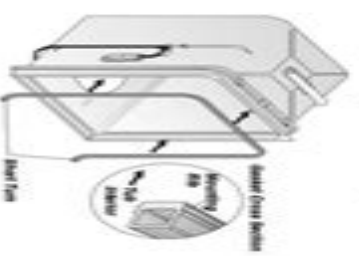
Liquid finne aid is added to the dispenser up to the fill line indicator. The amount of finne aid released can be adjusted by turning the arrow indicator from one, being the least amount, to two, being the greatest amount.

### To replace dispenser:

- disconnect wiring to the actuator,
- remove water door panel assembly,
- remove the finne aid dispenser,
- replace the dispenser,
- replace and reinstall screws,
- rewire actuator.

### Tab and Door Seal

The door seal is pressed into the lip channel for without in washing or latching. The gasket takes an indentation. Center the gasket (marked on a short line) at the bottom of the lip channel back to the lip top cover and press in place before ending at the channel end wall.



### Pump Assembly

The pump assembly is driven by a synchronous motor. Rotation is in the counter-clockwise direction at 3000 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 a "pulsar" of the motor during the wash cycle.

The drain hose must have a loop at a minimum height of 22 inches in order to insure proper drainage.

The main pump can easily be removed by disconnecting the upper spray arm supply line hose. The drain pump connects hose, the wiring harness connection made at the circulation hose, the drain check valve is located at the middle of the wire.

Drying is accomplished by using a small separate synchronous drain pump mounted to the side of the wiring. The drain pump is connected to the main pump by a small rubber hose. The drain check valve is located at the discharge end of the drain pump. The discharge

### 900 Watt Heater

Water to the cycle ends at the reverse side to definition when the heater is on during the wash cycle. The heater cycles ON and OFF by dual probes during the drying cycle.

## Trouble Shooting Tips

### WARNING

Always disconnect the dishwasher from the electrical power source before repairing or replacing components.

### Periodic Safety Hazard

### Check the Following

Disconnect the electrical power source from the dishwasher before attempting to repair or replace any components.

Make sure the unit is not plugged in.

Make sure the unit is not plugged in.

Make sure the unit is not plugged in.

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# Frigidaire Dishwasher Fdb510lcs3 Manual

**J Spring**



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