Motor Bracket
Barrel Rear
for brief
and
determine when the heater is on during the wash cycle. The heater cycles approx. 12 times.

Voltage checks of the heater should be made with the timer set in the main wash.

Detergent and Rinse Aid Dispenser

The detergent and rinse aid dispenser is a one piece component consisting of a molded detergent cup and a built-in rinse aid dispenser.

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

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

To replace dispenser:
- shut off electricity to dishwasher,
- remove outer door panel assembly,
- disconnect wiring to the actuator,
- remove the screws, remove the dispenser, replace and reinstall screws.

To replace actuator:
- shut off electricity to dishwasher,
- disconnect wiring to the actuator,
- place a flat head screwdriver under the actuator body and between the dispenser housing and terminal side, twist and lift up on the actuator being careful not to damage the retainer snap-fits,
- replace with new actuator by pressing into place,
- rewire actuator.

Tub and Door Seal

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

Product Specifications

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Water Supply

Suggested minimum incoming water temperature 120°F (49°C)
Pressure (PSI) min. max. 20 20
Connection (NPT) ¾”
Consumption (Normal Cycle) 6.0 U.S. gal., 5.0 Imp. gal., 22.7 liters
Water valve flow rate (U.S. GPM) .83
Water recirculation rate (U.S. GPM) .38

Power Dry Air Flow

The Power Dry configuration is the same as the Standard except it has a cross flow blower located in the air discharge path. The blower assists the heating element in producing power to drive the moist air out of the dishwasher.

Trouble Shooting Tips

Personal Injury Hazard

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

Symptom

Dishwasher will not operate when turned on (wait at least 90 seconds).

Remedy

1. Fuse blown or tripped.
2. 50 VAC supply wiring connection faulty.
3. Motor (impeller, check resonances).
5. Door latch not making contact with door switch.
6. Timer (contacts open or defective).
7. Sump大家 who is doing this.

Motor trips out on internal thermal overload protector.

1. Improper voltage.
2. Sump seal binding.
3. Motor shaft binding.
5. Defective actuator.

Dishwasher will not pump out.

1. Drain restricted.
2. Defective float switch.
3. Defective drain pump.
4. Air lock in drain hose.
5. Blocked impeller.
6. Openings.
7. Drain line connected to a floor drain.

Dishwasher water influxes out.

1. Drain hose (high) too low.
2. Drain line connected to a floor drain.
3. Drain hose not connected to side of tub.
4. Reinstall drain hose.

Detergent lef in dispenser.

1. Defective actuator.
2. Defective timer.
3. Defective pump.
4. Defective thermostat.
5. Defective dispenser.

900 Volt HC HP

The pump assembly is driven by a 1/12 HP, closed 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 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 to the side of the dishwasher and attached to the side of the tub. This drain loop insures that all water is cleared from the drain pump and cause the pump to 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 thermostats 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.

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