## Precautions to be Observed Before and During Servicing of Dishwasher

- **A.** Even with the door open, there is line voltage at several points in the console and below the tub. Therefore, be sure to disconnect the power supply at the fuse box before replacing a component.
- **B.** Always check wiring harness and connectors before any test procedures.
- **C.** Disconnect power supply before touching the circuit board or re-sealing control connections.
- **D.** Voltage checks are made by inserting probes beside wires on the connector with the AC power source applied and the connector should be unplugged.
- **E.** Resistance checks are made on components with the wiring harness disconnected.

### Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical Supply</td>
<td>(Under test) 60 Hz, 120 VAC.</td>
</tr>
<tr>
<td>Supply Water Temperature</td>
<td>40°F to 100°F</td>
</tr>
<tr>
<td>Upper Spary Arm Rotation</td>
<td>300 rpm</td>
</tr>
<tr>
<td>Lower Spary Arm Rotation</td>
<td>300 rpm</td>
</tr>
</tbody>
</table>

**Water Charge:**
- 8.3 Ibs (3.7 kg) | 80 Ibs (36 kg) 
- 7.0 Ibs (3.2 kg) | 60 Ibs (27 kg) 

### Dishwasher Circuits

The following individual circuits are for use in diagnosis. Before starting diagnosis, check the line voltage and check for blown fuses.

**Wiring Diagram**

- **Electrostatic Discharge (ESD)**
  - Sensitive Electronics
  - ESD: 320,487, 320,488, 314,256

- **Electrical Supply:**
  - 4,350,306
  - 4,301,882
  - 4,746,177

### Repair Kit

- Vinyl Back Plate Kit No. 63483
- Tine Kit No. 675679

**Schematic Shown With Door Switchingly Open Position**

- **Articulated Vent Assembly & Electronic Cover Removal**
  - 1. Disconnect electrical power from dishwasher.
  - 2. Refer to Figure 1. Open dishwasher door and insert the end of a screwdriver into the notch in the vent louver. Push screwdriver clockwise to lock vent and remove panel. See Figure 2.
  - 3. Remove eight (8) screws around perimeter of the inner door panel and remove panel. See Figure 3.
  - 4. To remove the vent assembly, refer to Figure 2 and disconnect (2) electrical harnesses from vent wiring. Lift out the vent assembly, relaxing the seal on left side for later reinstallation.
  - 5. To remove electronic control, press in on snap tab at base of electronic control assembly. Reinstall when assembly is in place. See Figure 2.

**Articulated Vent Assembly & Electronic Cover Reinstallation**

- 1. To replace vent assembly, reverse Figure 2 instructions.
- 2. To replace the electronic control, reverse Figure 2 instructions. See Figure 3.
- 3. Reinstall inner door panel. Align it in place over the vent assembly and lower vent assembly into place.

### Plastic Tub Models Only:

**For Plastic Tub Models Only:**

- 1. Disconnect electrical power from dishwasher.
- 2. With dishwasher door closed, loosen the two (2) screw panel screws, but do not remove them.
- 3. Remove two (2) screws from top of access panel. Pull top of access panel away from door, up and remove. See Figure 4.
- 4. Refer to Figure 3 and disconnect (2) electrical harnesses from vent wiring. Lift out the vent assembly, relaxing the seal on left side for later reinstallation.
- 5. To remove electronic control, press in on snap tab at base of electronic control assembly. Reinstall when assembly is in place. See Figure 2.
- 6. Reinstall the vent assembly. Refer to Figure 2 and reconnect (2) electrical harnesses from vent wiring. Lower vent assembly into place. See Figure 3.
- 7. Reinstall inner door panel. Align it in place over the vent assembly and Binder strip to rotate latch approximately 1/2 turn to lock in position. See Figure 1.
- 8. Reconnect electrical power to dishwasher.

### Stainless Steel Tub Models Only:

**Removing the Articulated Vent Assembly**

- 1. Disconnect electrical power from dishwasher.
- 2. Open dishwasher door. Remove four (4) screws at the top of the outer dispenser retainer and loosen console. Hold console to prevent strain on wiring.
- 3. Close door and place your palm on the vent assembly in support when it is released.
- 4. Insert the PAL into the vent assembly in the ventilator. Push screwdriver clockwise to lock assembly approximately 1/2 turn to lock it in position. See Figure 3.
- 5. Reinstall and turn engaging button into door frame and engage control. Making sure that the latch bolt is properly inserted into the latch as the console is rotated to the normal position, press back console to remove screws from the bottom of inner door panel. See Figure 3.
- 6. Reinstall console by engaging button into door frame and reconnecting control. Making sure that the latch bolt is properly inserted into the latch as the console is rotated to the normal position, press back console to remove screws from the bottom of inner door panel. See Figure 3.
- 7. Reinstall the vent assembly and replace the screws from the bottom of inner door panel. See Figure 3.
- 8. Reconnect electrical power to dishwasher.

### Removing the Detergent Dispenser

- 1. Remove the two (2) screws and lock. Using a coin, turn the dial to setting desired, then press dial to lock in place.
- 2. Snap dispenser into place from inside dispenser and rotate to lock. Refer to Figure 5, replace the dispenser into position, install one (1) screw each into the center hole (optional). Reinstall the two (2) screws to remove from the dispenser. Reinstall the dispenser into the center hole of the dispenser. Reinstall the two (2) screws.
- 3. Connect electronic control connector to dispenser and unit. Use an anti-static strap. Connect wire of the display harness to the control and unit. See Figure 5.
- 4. Refer to detail in Figure 7. Align slots in outer door panel with slots in inner door panel and insert screws at top of outer door panel. Secure that door insulation is installed in unit.
- 5. Slide access panel slots down over the panel screws. Press top of access panel against dish washer and tighten two (2) screws at top of panel. With display harness, tighten toe panel screws.
- 6. Reinstall electrical power to dishwasher.