After Cancel, press pad Heavy and Fast simultaneously for at least 4 seconds to access Service Mode.
LED Heavy, Led Normal and Led Fast blink to indicate that Service mode is accessed.

1. Press pad Heavy to show the first alarm code.
   - Led Heavy blinks to indicate the machine is in Alarm Reading.
   - The first alarm code saved is shown in the display. For descriptions of alarm codes, please see Alarm Codes section.
2. Press pad Heavy again to show the second alarm code.
3. Press pad Heavy once more to show the third alarm code.
4. Press pad Heavy the fourth time to move to Actuator Test. Press pad repeatedly will sequentially turn on one actuator at a time.
   - Led Heavy is turned off, Led Normal blinks to indicate the machine is in Actuator Test.
   - The actuator number is shown in the display, see the following table for details.
5. Press pad Heavy when actuator number 10 is activated, the machine will cycle back to Alarm Reading and show the first alarm code saved.
6. The mode can be exit by pressing the CANCEL button, or waiting 60 seconds after last button pressing.

**LED Test/Delete Alarm Memory**
After accessed Service mode (Led Heavy, Led Normal and Led Fast blinking):
1. Press pad Normal to start this function.
   - All LEDs and display blinks 5 seconds on 1 second off.
   - Buzzer beeps 5 seconds and then off.
   - The alarm codes saved in memory are erased.
   - The mode can be exit by pressing the CANCEL button, or waiting 60 seconds after last button pressing.

**Functional Test Cycle**
After accessed Service mode (Led Heavy, Led Normal and Led Fast blinking):
1. Press pad Fast to start the test cycle. The cycle will not start if door is opened.
   - LED Normal blinks all the way through the whole cycle, even if after the cycle is finished.
   - The test cycle runs as a normal wash cycle, it can be cancelled or run to its end.

---

[Table: Number of pad Heavy pressed vs Actuator Number in display]

<table>
<thead>
<tr>
<th>Number of pad Heavy pressed</th>
<th>Actuator Number in display</th>
<th>Actuator</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>7</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>8</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>9</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>10</td>
<td>7</td>
<td>7</td>
</tr>
</tbody>
</table>

---

**Cycle Selection Options**

Cycles may differ in behaviour from presentation above due to the dependence of turbidity, temperature and user input. E.g., Wash meter phases, time to change duration.

---

**Wiring Diagram**

[Diagram of wiring connections and components]
Exploded View of Wash System

Tub Gasket
The gasket is pressed into the tub channel for an interference fit. To install the gasket:
1. Press the gasket across the header using your hands.
2. Press the gasket while stretching around the corners.

NOTE: There should be no wrinkles or puckers in the corners.
3. Place the gasket at the bottom and press the gasket in from the bottom up.

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

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

Liquid rinse aid is added to the dispenser up to the fill line indicator. The amount of rinse aid released can be adjusted from 1, being the least amount, to 6, being the greatest amount.

To replace dispenser:
- shut off electricity to dishwasher
- remove upper panel assembly
- disconnect wiring to the actuator
- remove the six screws
- remove the dispenser
- replace and reinstall screws
- rewire actuator

Operation
Starting a Cycle
Open door select the cycle and options then press the START/Cancel pad. The LED over the selected cycle will light. Close the door and the cycle will begin.

Delay Start
Open door select the cycle and options then press the "DLY START/" Canc Pad. Close press of the pad will increase the delay by 5 minutes (1 hour to 24 hours).

Canceling a Cycle
Open door, select the "DLY START/"canc Pad and then close. The Unit will then drain and end the cycle.

Selecting new cycle or option
Open door, select the desired cycle and options then press the "START/Cancel/"canc Pad and close. The cycle will begin when door is closed.

Locking Controls
Open door and hold down the "DLY START/" Canc Pad for 3 seconds. The display window will display "Loc" and the pads will be unresponsive.

Alarm Codes/Description

Code Description
110 Water tap closed
120 Draining Problem
130 Air lock
140 Analog pressure sensor problem
150 Washing Motor Problem
160 Heated Element Problem
170 Thermostat Problem
800 Auto Door Open
900 Configuration Problem
100 Sensor Problem
150 Communication problem
160 Tauch problem
190 Flow controller problem
190 Water level problem

Trouble Shooting Tips

Symptom: Dishwasher will not operate when turned on.

Check the Following
1. Fuse (broken or tripped).
2. 120 VAC supply wiring connection faulty.
3. Electronic control board defective.
4. No 120 VAC power to control.
5. Motor (defective).
6. Door switch (open contact).
7. Door latch not making contact with door switch.
8. Detergent inaccessible.
9. No indicator lamps illuminate when START/STOP is pressed.

Remedy:
1. Replace fuse or reset breaker.
2. Repair or replace wire harness at dishwasher junction box.
3. Replace control board.
4. Repair or replace control board.
5. Replace motor assembly.
6. Repair or replace open door switch.
7. Repair latch assembly.
8. Repair latch assembly.
9. Replace sensor assembly.

Motor hums but will not start or run.

Check the Following
1. Motor (bad bearing).
2. Motor stuck due to prolonged non-use.
3. Check voltage.
4. Replace motor assembly.
5. Replace motor assembly.

Motor trips out on internal thermal overload protector.

Check the Following
1. Heated element (open).
2. Electronic control board defective.
3. Low voltage to control.
4. Wiring to terminal defective.
5. Short in terminal.
6. Defective actuator.
7. Repair or replace.

Remedy:
1. Replace temperature control element.
2. Replace control board.
3. Repair or replace.
4. Repair or replace.
5. Repair or replace.

Detergent cover will not latch or open.

Check the Following
1. Latch mechanism defective.
2. Door latch not making contact with latch switch or actuator.
3. Defective actuator.
4. Defective latch switch.
5. Electronic control board defective.
6. Wiring to terminal defective.
7. Door latch in "OPEN" position.

Remedy:
1. Replace latch mechanism.
2. Repair or replace control board.
3. Repair or replace.
4. Repair or replace.
5. Repair or replace.
6. Clean or replace latch.

Dishwasher runs but will not heat.

Check the Following
1. Drain restricted.
2. Electronic control board defective.
3. Defective drain pump.
4. Blocked impeller.
5. Open drain.
6. Wiring to terminal defective.
7. Defective drain valve.
8. Thermostat defective.

Remedy:
2. Replace control board.
3. Replace drain pump.
4. Check for blockage, clear.
5. Replace drain pump.
6. Replace or repair.
7. Replace or repair.
8. Replace or repair.

Dishwasher will not pump out.

Check the Following
1. Water supply turned off.
2. Defective water inlet valve.
3. Check valve screw for obstruction.
4. Defective float switch.
5. Electronic control board defective.
6. Wiring to terminal defective.
7. Float stuck in "OPEN" position.
8. Check water level.

Remedy:
1. Turn water supply on.
2. Replace water inlet valve.
3. Dissassemble and clean check valve.
4. Repair or replace.
5. Replace control board.
6. Repair or replace.
7. Clean or replace float.

Dishwasher will not fill with water.

Check the Following
1. Drain hose (high) loop too long.
2. Check drain connected to floor drain not vented.
3. Check drain valve or pump stuck open.

Remedy:
1. Repair 24inch minimum in length.
2. Install air gap at counter top.
3. Repair or replace.

Detergent left in dispenser.

Check the Following
1. Detergent needed to start cycle.
2. Dispenser clog.
3. Dispenser not dispensed.
4. Inlet water not dispersed.
5. Dispenser clogged.
6. Dispenser not dispensed.
7. Inlet water not dispersed.
8. Check fill valve operation.
9. Check fill valve operation.

Remedy:
1. Instruct customer to use detergent without water.
2. Instruct customer to use detergent without water.
3. Instruct customer to use detergent without water.
4. Instruct customer to use detergent without water.
5. Instruct customer to use detergent without water.
6. Instruct customer to use detergent without water.
7. Instruct customer to use detergent without water.
8. Check fill valve operation.
9. Check fill valve operation.