

Enter Diagnostic Mode and Performing Tests – 500 Series Machines

There are two types of diagnostics available to you. The first is a basic diagnosis, and the second is a detailed diagnosis.

To conduct the basic diagnosis, follow the following procedure.

- Press and hold the WASH TEMPERATURE DOWN button and then press the POWER button to select the Diagnostic Mode. All LED's will turn on for 5 seconds.

The display will then change to show switch status data.

- 6 Min wash LED shows operation of Lid Switch.
- 4 Min wash LED shows operation of Out of Balance Switch.
- The 2 Min wash and spin LEDs shows the status of the location switch

Checking the Pump.

Pressing the Regular Cycle button will turn the drain pump on or off. The 'Regular' LED will indicate whether or not the pump is on. This is the procedure to use to drain the machine if it has not drained fully.

Checking Water Valves.

Press the wash temperature buttons to activate the hot and cold water valves. (up for hot, down for cold) The corresponding wash temp LED's will be illuminated when the valves are activated.

The re-start feature.

The re-start feature is a feature which detects when faults have occurred in the wash process and attempts to re-start the machine. You will need to turn this feature off for ease of servicing, and then re-activate it once the repairs have been made.

To turn the feature on or off use the 'Water Level Down' button. The low water level LED will indicate the status of the Re-Start feature. You can also identify whether or not the Re-Start Feature is on or off when you first power up the machine. If the 5 green wash progress indicators are flashing then the Re-Start feature is turned off. If the indicators are ON then the Re-Start feature is ON. The re-start feature is set to 'ON' from the factory.

The Re-cycle Feature.

If the Re-Cycle Feature is on the machine will continually repeat the wash cycle until the re-cycle feature is turned off again. This can be useful if extended testing is required.

To Turn the feature on or off, press the 'Water Level Up' button. The medium Water Level LED will indicate the status of the feature. You can also identify whether or not the Re-Start Feature is on or off when you first power up the machine. If the 3orange/red rinse and spin indicators are flashing then the Re-Cycle feature is turned off. If the indicators are ON then the Re-Cycle feature is OFF.

The Re-start and Re-Cycle features will be reset to factory settings if the machine is un-plugged or switched off at the wall.

Press the ADVANCE button to toggle between the LAST FAULT DATA and SWITCH STATUS DATA. The high water level LED is on when the last fault data is displayed, and OFF when you are in switch testing mode.

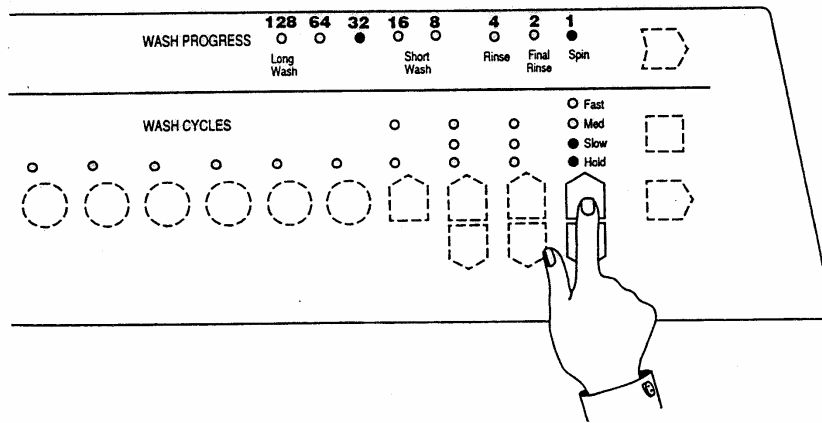
This should give you some idea of where the fault lies. If you wish to exit Diagnostic mode press the power button. If you require a detailed fault code, follow the procedure listed below. This will give you a read-out which will tell you the fault code. Then consult the fault codes to work out exactly what is wrong with the machine and how to fix it.

Obtaining a Detailed Fault Display.

To obtain detailed fault display:

- Select the Diagnostic Mode.
- Press the ADVANCE button to display last fault data. (The high water level LED will be illuminated)
- Press the SPIN SPEED UP button three times until the HOLD and SLOW spin LEDs are illuminated.

The Wash Progress LEDs give you your binary Code as displayed below.



Read the Binary code from the Was progress LED's and check the fault code.