

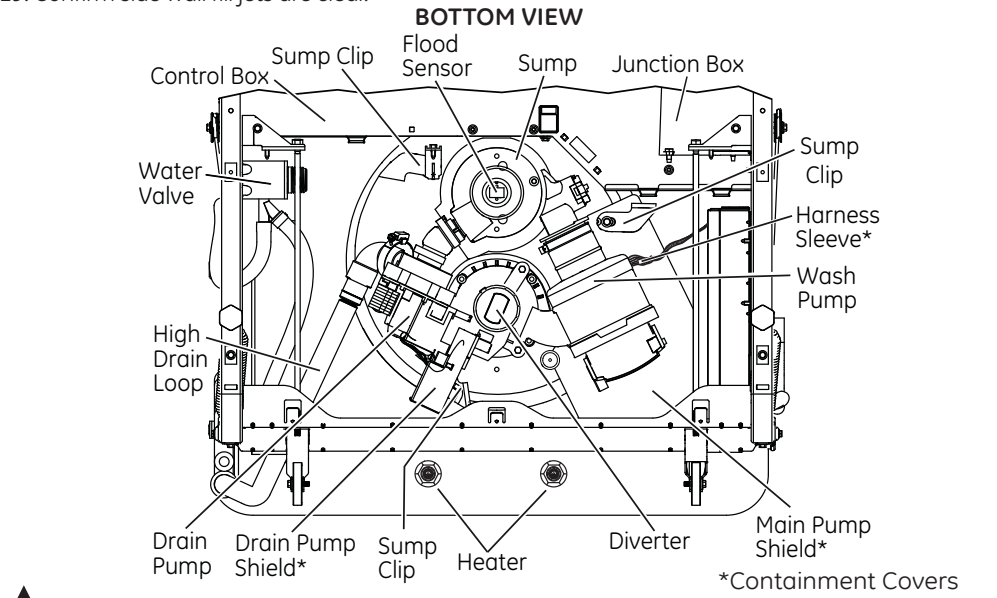
IMPORTANT SAFETY NOTICE
THIS INFORMATION IS INTENDED FOR USE BY INDIVIDUALS POSSESSING ADEQUATE BACKGROUNDS OF ELECTRICAL, ELECTRONIC AND MECHANICAL EXPERIENCE. ANY ATTEMPT TO REPAIR A MAJOR APPLIANCE MAY RESULT IN PERSONAL INJURY AND PROPERTY DAMAGE. THE MANUFACTURER OR SELLER CANNOT BE RESPONSIBLE FOR THE INTERPRETATION OF THIS INFORMATION, NOR CAN IT ASSUME ANY LIABILITY IN CONNECTION WITH ITS USE.

DISCONNECT POWER BEFORE SERVICING
IMPORTANT – RECONNECT ALL GROUNDING DEVICES
IF GROUNDING WIRES, SCREWS, STRAPS, CLIPS, NUTS OR WASHERS USED TO COMPLETE A PATH TO GROUND ARE REMOVED FOR SERVICE, THEY MUST BE RETURNED TO THEIR ORIGINAL POSITION AND PROPERLY FASTENED.

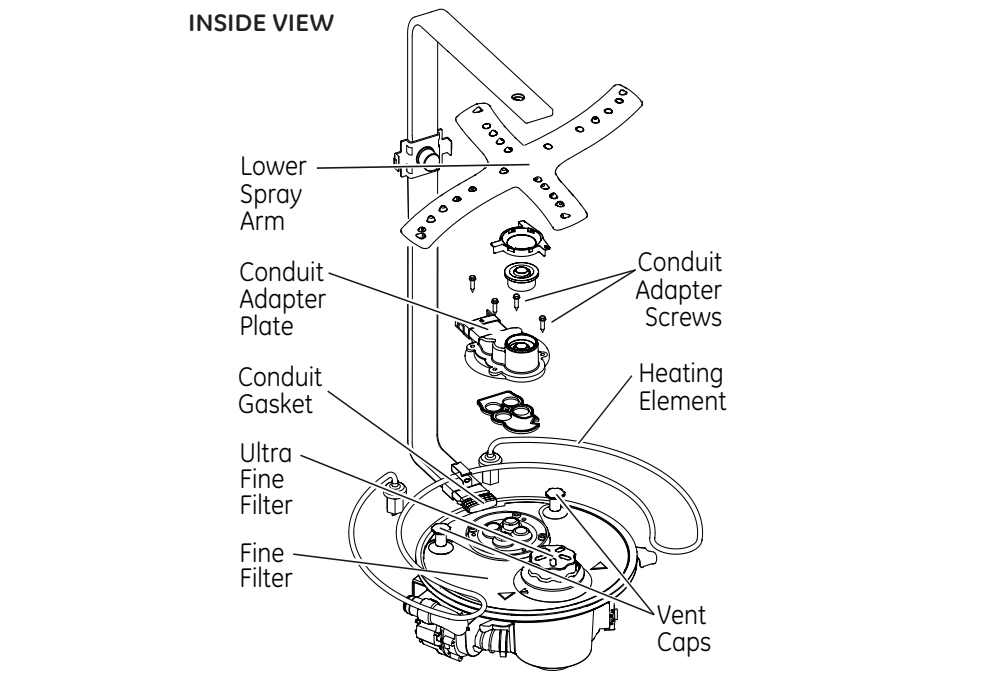
⚠ WARNING Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing.
Service personnel – **DO NOT** contact the following parts while the appliance is energized: **heating element, water valve, main pump, drain pump, active diverter and active vent motor (if present).**

⚠ ADVERTENCIA Ciertas piezas internas no tienen conexión a tierra en forma intencional y pueden presentar un riesgo de descarga eléctrica sólo durante la reparación.
Personal de reparación – **NO** toque las siguientes piezas cuando el aparato esté recibiendo energía: **elemento de calefacción, válvula de agua, bomba principal, bomba de drenaje, desviador activo y motor de ventilación activo (si lo hubiera).**

- WASHABILITY COMPLAINTS**
1. Level dishwasher left to right and front to back.
 2. Verify presence of air gap or high drain loop.
 3. Confirm spray arms turn freely.
 4. Confirm spray arm jets are clear.
 5. Confirm ultra fine filter (consumer removable) has no tears and is not clogged (clean as needed).
 6. Confirm fine filter is not warped and vent caps are open.
 7. Clean sump if needed.
 8. Check for error codes.
 9. Confirm Calrod operation (use Service Mode) if not operational check tub TCO.
 10. Verify thermistor is within specs (see Chart).
 11. Confirm detergent cup operation (use Service Mode).
 12. Inlet water temp should be 120 degrees F.
 13. Check for proper water fill level (use Service Mode).
 14. Test water hardness with WDO1X10295 or WX5X370 test strip. Adjust detergent use accordingly, check Owner's Manual or detergent use instructions.
 15. Use high rated detergents, tablets or packs work best. Refer to Owner's Manual.
 16. Use a rinse agent.
 17. Load dishwasher per Owner's Manual.
 18. Select proper cycle, refer to Owner's Manual.
 19. Confirm side wall fill jets are clear.



⚠ CAUTION: Containment covers will need to be reinstalled.
⚠ PRECAUCIÓN : Las tapas de contención deberán ser reinstaladas.



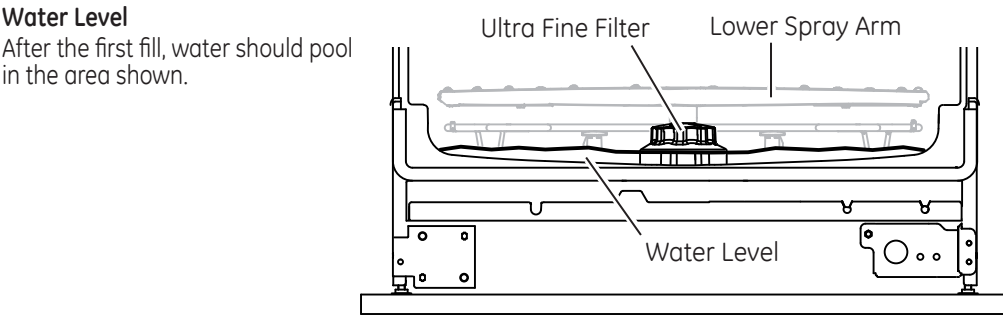
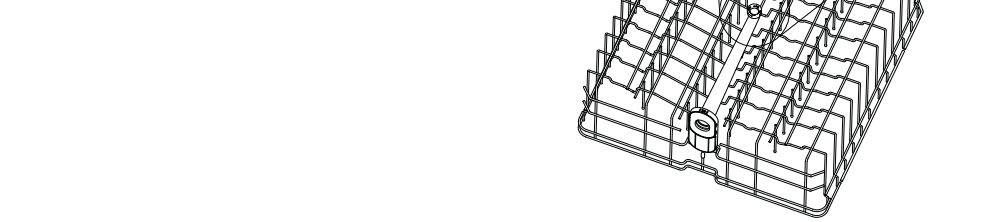
- To Remove Sump Pump Module**
1. Remove toe-kick.
 2. Remove door.
 3. Remove high drain loop hose from drain pump (there may be a small amount of water).
 4. Disconnect flood switch and turbidity sensor wiring.
 5. Remove lower rack.
 6. Remove lower "spray arm".
 7. Remove fine filter, vent caps and coarse filter.
 8. Remove conduit adapter plate.
 9. Unlatch sump clips.
 10. Push sump from bottom into tub.
 11. Grasp sump from inside, lift and tilt. **Do not grasp flood switch!**
 12. Remove containment covers and wiring from drain and wash motors.
 13. Remove sump from tub.

To Service Wash Arm Assemblies & Bottle Wash Assemblies:

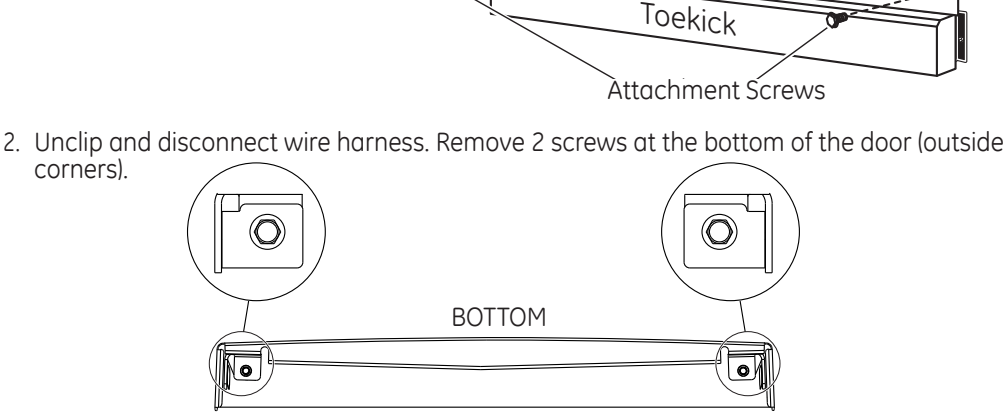
1. Check Bottle Wash nozzles for debris. The Bottle Wash nozzles operate at the same time as the middle spray arm.
2. Check holes in spray arm for foreign matter.
3. Check spray arms for rotation.

- To Disassemble Mid-Level Arm:**
1. Pull upper rack all the way out and remove.
 2. Rotate hub on top side of spray arm counter-clockwise to remove.
 3. To remove conduit, depress clip on the top rear of conduit. Push conduit away from rack while depressing clip to remove.
 4. To reinstall arm, reverse procedure.

NOTE: Mid arm to be installed with spray jets facing the upper rack. Bearing to be placed between nut and bottom of mid arm.

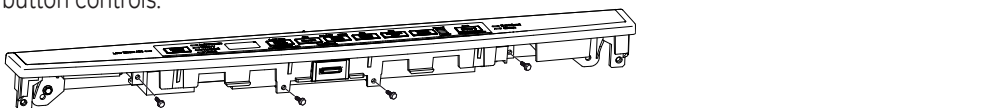
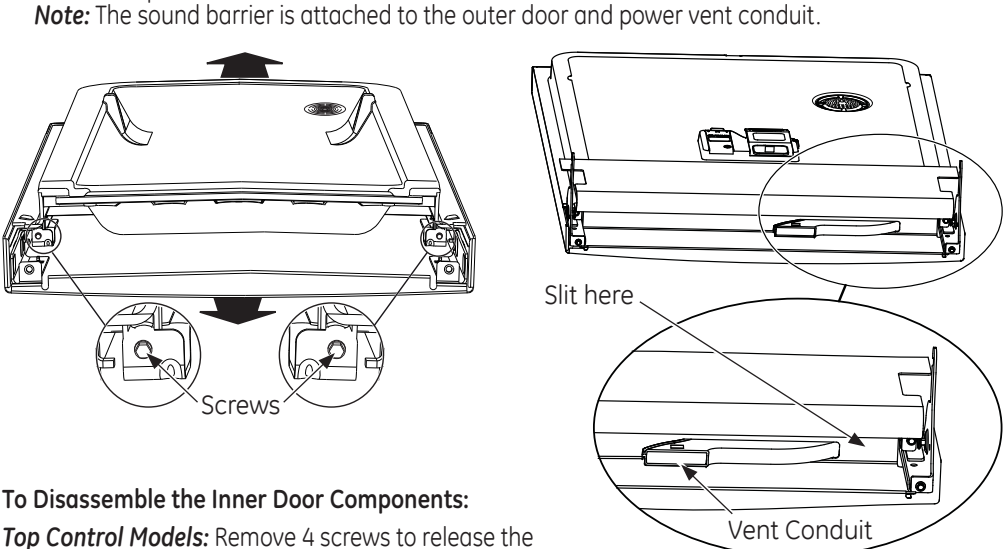


- To Remove the Door:**
1. Remove toe-kick by removing attachment screws from both sides.



2. Unclip and disconnect wire harness. Remove 2 screws at the bottom of the door (outside corners).
3. To remove tension from springs/cables insert a 5/32" Allen wrench (or similar tool) at the bottom of the hinges. Door will be open appx. 15 degrees. This will trap the door in the removal position.
4. With door open, lift door appx. 3" upward, tip door inward and remove by pulling straight up and off.

- To Separate the Door:**
1. Remove two screws one on each side.
 2. If this is a PDT750 model, it will have a sound barrier attached to the outer door. Extend the existing slit or opening in sound barrier on right side of vent conduit, peel it off, and slide it down conduit. Fold protruding portion of sound barrier and tape to outside of outer door panel.
 3. Slide outer panel down.



SERVICE INFORMATION — DO NOT REMOVE

ERROR MODE
When the dishwasher is in Standby Mode (Cycle Selection Mode), press and hold the **Cycle Select** and **Start** pads simultaneously for 5 seconds. If LCD is present, the LCD should remain off for this test.

LEDs Solid	Control is interpreting door as closed
LEDs Flashing	Control is interpreting door as open

On entry into the Error Mode, the control reports the door status for 10 seconds.
Error Code Display Mode:

LED	Error Type	Error Causes
Start	Communications Failure	User Interface control unable to communicate with machine control.
Heated Dry	Wash Temperature	Minimum wash temperature of 120°F was not reached in 3 of the past 5 wash cycles.
Boost	Thermistor	Control detecting short or open circuit at thermistor.
Clean	Turbidity Sensor	Control detecting short or open circuit at turbidity sensor. May also occur on models without turbidity sensor.
Lock	Always Illuminated	Illuminates when <i>Error Code Display Mode</i> is active.
Lower Zone	Water Level Sensor	Failure in detection or operation of water level sensor.
Upper Zone	Inverter Error	Inverter not correctly actuating circulation pump. (Inverter power or communication error.)

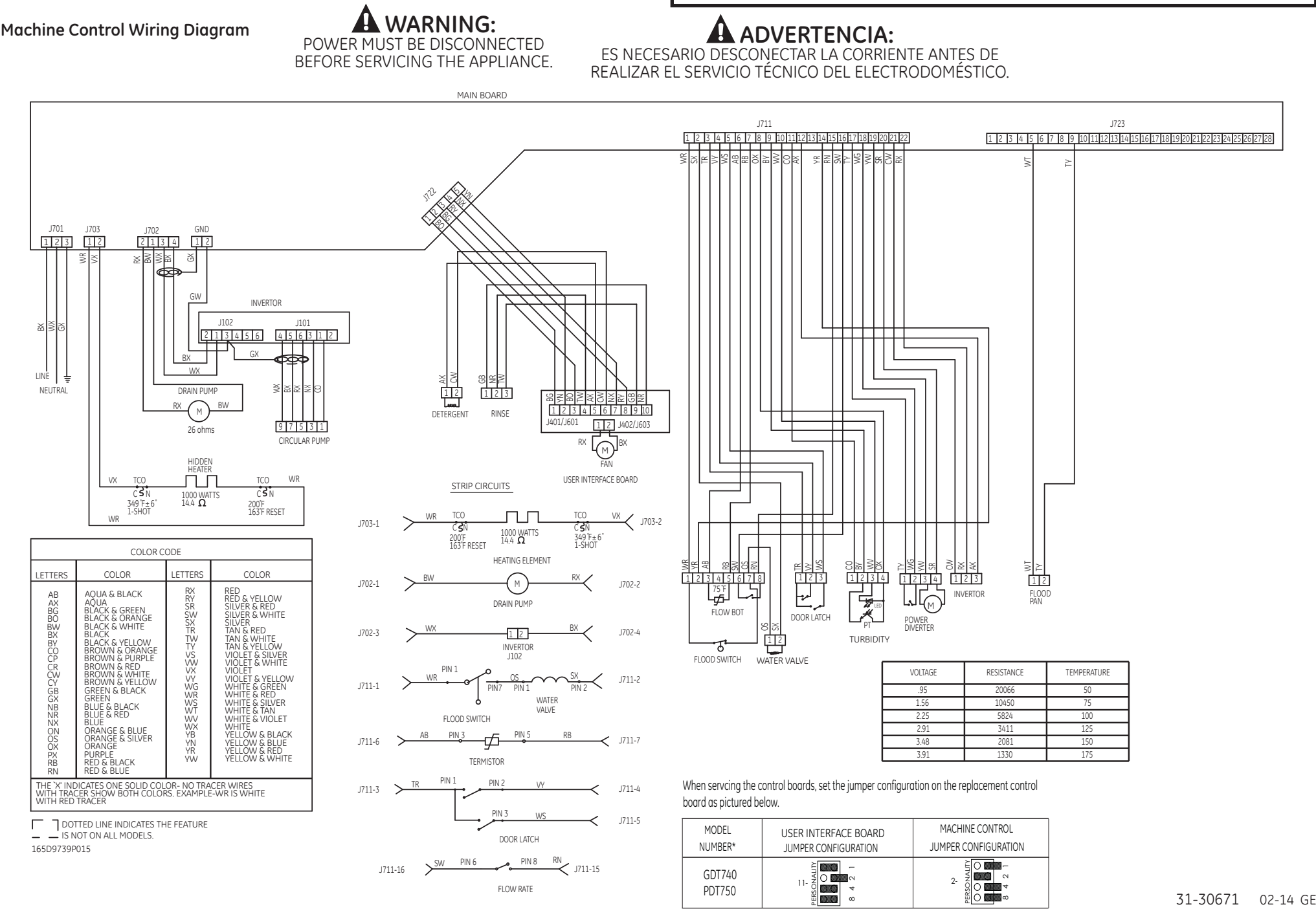
After door check, control will enter mode to display any error codes currently detected by the control. If above LED illuminates, it indicates error condition is present. Error displays cannot be cleared manually. They will be automatically cleared when error condition is no longer present. LCD will scroll any active failure codes.
To exit the *Error Code Display Mode*, press any key.

Service Mode (can only be entered during Error Code Display Mode):
Press and hold the **Cycle Select** pad for 5 seconds.
Press: **Cycle Select** = Selects/Increments Test
Start = Starts/Stops Test

LED Blink #	Load To Control	Timeout / Notes
1	Drain Pump	Attempts to automatically empty tub. Takes appx. 75 seconds from normal level.
2	Water Valve	Attempts to automatically fill tub to normal volume. Takes appx. 1 minute to the normal level.
3	Circulation Pump*	Changes spray arm (via changing diverter) every 30 seconds. Runs for maximum of 2 minutes.
4	Heater*	Turns heater on for maximum of 2 minutes.
5	Detergent Pump*	Turns soap dispense solenoid on for maximum of 2 minutes.
6	Fan	Actuates fan for 2 minutes.
7	Soft Valve	Actuates soft valve, if available.

The powered diverter may run for up to 30 seconds before the control recognizes it is in the proper position.
* For units with a hidden heater, water must be in the tub to actuate heater. Circ pump will be energized with heater.

Machine Control Wiring Diagram



When servicing the control boards, set the jumper configuration on the replacement control board as pictured below.

MODEL NUMBER*	USER INTERFACE BOARD JUMPER CONFIGURATION	MACHINE CONTROL JUMPER CONFIGURATION
GDT740 PDT750	11 POTENTIALITY 1 2 3 4 5 6	2 POTENTIALITY 1 2 3 4 5 6