

0020508635A

Electrical Shock Hazard

Death or serious injury can result from failure to follow these instructions.

- Service by a qualified service technician only.
Disconnect power before servicing this product.
Reconnect all grounding devices after service.
Replace all parts and panels before operating.

This machine must be electrically grounded through the grounding lead in the 3-prong power cord. The cord must be plugged into a properly installed and grounded appliance outlet.

Riesgo de descarga eléctrica

Usted puede morir o sufrir lesiones graves si no siguen estas instrucciones.

- El servicio técnico sólo debe ser realizado por un técnico calificado.
Desconecte el suministro de corriente antes de realizar el servicio técnico.
Luego del servicio técnico, vuelva a conectar todos los dispositivos de conexión a tierra.
Reemplace todas las piezas y paneles antes de utilizar.

Esta máquina debe estar conectada a tierra a través de una clavija de conexión a tierra del cable de alimentación de 3 clavijas. El cable debe estar enchufado en un tomacorriente para un aparato electrodoméstico correctamente instalado y conectado a tierra.

Risque de choc électrique

Vous pouvez être tué ou gravement blessé si vous ne suivez pas ces instructions.

- Réparations seulement par un technicien qualifié.
Débranchez l'alimentation électrique avant la réparation.
Rebranchez tous les dispositifs de mise à la terre après la réparation.
Remettez toutes les pièces et panneaux en place avant d'utiliser l'appareil.

Cette machine doit être mise à la terre par la broche de mise à la terre du cordon d'alimentation à 3 broches. Le cordon doit être branché dans une prise d'alimentation pour un appareil électroménager correctement installée et mise à la terre.

IMPORTANT: Electric Static Discharge (ESD) Sensitive Electronics

ESD problems are present everywhere. ESD may damage or weaken the electronic control assembly. The new control assembly may appear to work well after repair is finished, but failure may occur at a later date due to ESD stress.

- Use an anti-static wrist strap. Connect wrist strap to ground connection point or unpainted metal in the appliance.

Touch your finger repeatedly to ground connection point or unpainted metal in the appliance.

- Before removing the part from its package, touch the anti-static bag to a green ground connection point or unpainted metal in the appliance.

- Avoid touching electronic parts or terminal contact; handle electronic control assembly by edges only.

- When repackaging failed electronic control assembly in anti-static bag, observe above-mentioned precautions.

Table with 3 columns: Test No., Test Name, Description. Contains 26 test procedures for various washer components like Personality ID, MC Application Version, MC Parametric Version, Hot Water Valve, Cold Water Valve, Fabric Softener Dispenser, Pressure Sensor, Drain Pump, Door Switch, Spin, Tumble, Clear all F Codes, Change Personality, Bulk Detergent Dispense Valve, Heater & Thermistor, Prewash valve, Steam valve, Bleach valve, Vent Damper, Over Night Ready Fan/ ONR Fan, Accelerated Spin Test.

Field Service Mode Entry

Press and hold Start pad while rotating the cycle selection knob 180 degrees and then release the Start pad.

Once the washer is in Service Mode

- Once service mode is entered all LEDs will be flashing.
The cycle selection Knob is now used to control the test selection menu.
Rotating the knob clockwise will increment the test numbers in the display.
Rotating the knob counter clockwise will decrement the test number in the display.

Once test number is selected, pressing Start will begin the selected test.

Exit Field Service Mode

- Field service mode will time out after 30 minutes if there is no user activity.
Press and hold (3 second) Start pad.
Press Power pad.

Table with 3 columns: Test No., Test Name, Description. Contains test 0 (All LEDs on) and test 1 (Fault Codes).

Table with 3 columns: Test No., Test Name, Description. Contains test 27 (Humidity / Temperature board) and test 28 (Water Quality Sensor).

Entry into Consumer Fault Code Mode

- From an idle state only (all LEDs off), press and hold Start pad for 10 seconds.
After holding Start pad for 10 seconds, all LEDs will turn on, signifying the user may release the Start pad.

Behaviors While In Consumer Fault Code Mode

- The Pause and Door Lock LEDs should be constantly blinking while in CFM.
The first fault, if present, will show on the display.
Pressing Start pad will display the next fault code.

Fault code will blink on the SSD.

At the end of the fault list or if no faults present: SSD will blink "--".

Exiting Consumer Fault Code Mode

- Pressing any pad (other than Start) or turning any knob will exit Consumer Fault Code Mode.
Consumer Fault Code Mode will time out after 10 minutes.

Table with 4 columns: Code, Name, Description, Repair Action. Contains 20 fault codes and their corresponding repair actions.

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Consumer Help Indicator

Your washer is equipped with Consumer Help Indicator (CHI). CHI is our way to communicate a simple remedy for some situations that you can perform without the need to call for service. This chart describes the helpful messages you may notice scrolling on your display when you return to start another load. These messages will provide simple remedies you can quickly perform.

Spin light blinking	If an out-of-balance condition is detected by the washer, the Spin light will blink during the remaining portion of the cycle and will stay illuminated for a short time after cycle completion. When this occurs, the washer is taking actions to correct the out-of-balance condition and complete the cycle normally. In some cases, the washer may not be able to balance the load and spin up to full speed. If you notice the load is more wet than normal at the end of the cycle, redistribute the load evenly in the wash basket and run a Drain & Spin cycle.
"H2O SUPPLY" (Water not entering washer)	Check your house water supply. Did you forget to turn on one or both supply valves after installation or coming back from vacation? As soon as the message starts to scroll, the washer will initiate a 4 minute lock-out period. The washer controls won't respond/change during this time. After the 4 minutes, you can begin your cycle again. If you try to bypass the lock-out period by unplugging the washer, the 4 minute timer will start over again.
"CanCELEd"	"CanCELEd" may scroll on the display if the machine was paused for longer than 24 hours, water was left in the machine for 15 minutes with door open or if the machine has stopped itself before the cycle completed due to certain faults. As soon as the message starts to scroll, the washer will initiate a 4 minute lock-out period. The washer controls won't respond/change during this time. After the 4 minute period, you can begin your cycle again. If you try to bypass the lock-out period by unplugging the washer, the 4 minute timer will start over again. If the problem persists, call GE Appliances at 800.GE.CARES (800.432.2737) for service.
"Door"	"Door" will be shown on display if 3 cycles have been started without opening the door. The washer will not start another cycle until the door is opened. Try opening, then closing the door and starting a new cycle. If the problem persists, call GE Appliances at 800.GE.CARES (800.432.2737) for service.

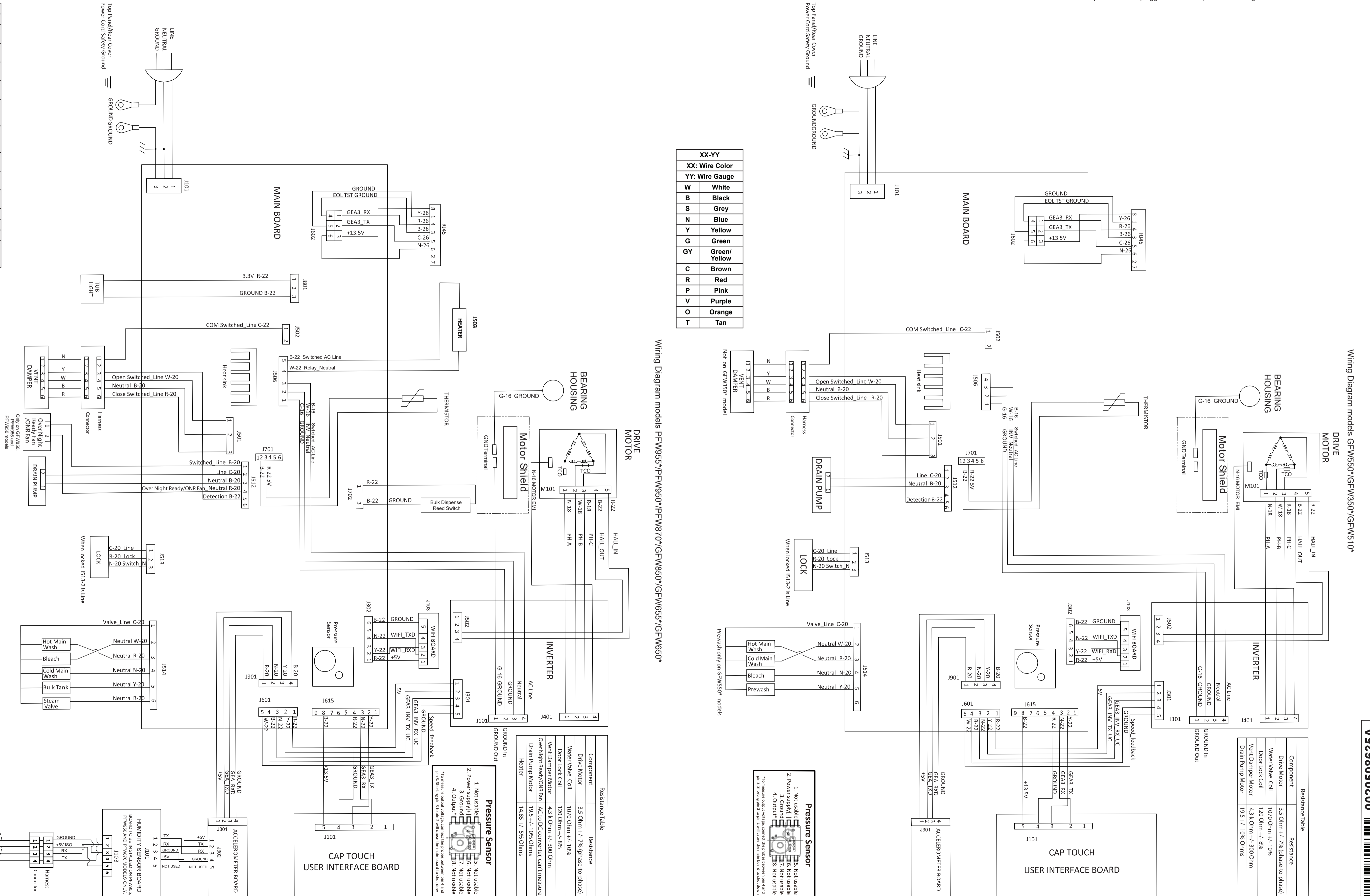
Diagnostic Guide

Before testing washer operation, check the following:

- Is the power cord firmly plugged into a live circuit?
- Has a household fuse blown or circuit breaker tripped? Time delay fuse?
- Are both hot and cold water faucets open and water supply hoses unobstructed?
- Before opening the unit, make sure the washer is unplugged from the power outlet.
- Check all connections before replacing components. Look for broken or loose wires, failed terminals or wires not pressed into connections far enough.
- The most common cause for control failure is corrosion on connectors. Therefore, disconnecting and reconnecting wires will be necessary throughout test procedures.
- Connectors: Look at top of connector. Check for broken or loose wires. Check for wires not pressed into connector far enough to engage metal barbs.
- Resistance check must be made with power cord unplugged from outlet, and with wiring harness or connectors disconnected.

	Water Level		
	Inch H2O	mm H2O	Voltage
Normal Wash	1.86	47.24	0.81
Normal Rinse	2.4	60.96	0.9
Quick Wash	1.86	47.24	0.81
Quick Wash Rinse	2.4	60.96	0.9
Bulky Bedding Wash	2.75	69.85	0.96
Bulky Bedding Rinse	3	76.2	1
Rinse Spin Rinse	2.4	60.96	0.9
Self Clean Wash	4	101.6	1.16
Self Clean Rinse	4	101.6	1.16
Door Open	7.25	184.15	1.7
Empty	0	0	0.5
Overflow	11	279.4	2.32
Basket Lowest Corner	0.8	20.32	0.63

Temp (C)	Temp (F)	Resistance Ω
-10	14	548722
-5	23	45778
0	32	35975
5	41	28516
10	50	22763
15	59	18279
20	68	14772
25	77	11981
30	86	9786
35	95	8047
40	104	6653
45	113	5523
50	122	4608
55	131	3856
60	140	3243
65	149	2744
70	158	2332
75	167	1990
80	176	1704
85	185	1464
90	194	1262
95	203	1093
100	212	949.9



Wiring Diagram models GFWS50*/GFWS35*/GFWS10*



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