⚠WARNING **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.

⚠ADVERTENCIA **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.

⚠AVERTISSEMENT **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.

WATER LEVEL SWITCH

BEFORE DISCONNECTING HOSE FROM WATER LEVEL SWITCH, BE SURE WATER LEVEL IN MACHINE IS BELOW BOTTOM OF WASH BASKET. AFTER RECONNECTING HOSE, PUT MACHINE IN SPIN FOR AT LEAST ONE MINUTE BEFORE CHECKING OPERATION OF SWITCH.

① To Remove Control Panel:

1. Remove the two hex head screws from the top rear corners of the control panel.

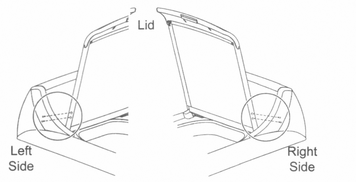
2. Grasp the control panel sides, push it back, and roll it toward the rear so the pressure sensor tube can be seen where it connects to the control board.

IMPORTANT: Be careful not to damage the pressure sensor when disassembling and reassembling.

3. Disconnect the pressure sensor tube from the control board.
4. Roll the control panel toward the front and carefully lay it on its face on the top cover.
5. Remove four 1/4" hex head screws that mount the rear backsplash panel to the control assembly.
6. Disconnect all harness connectors from the control board.

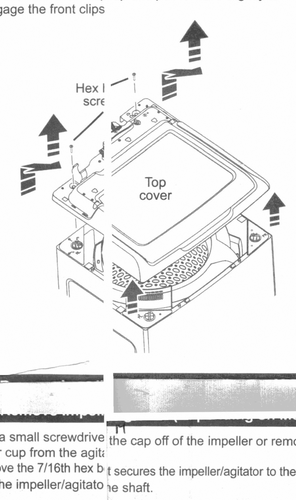
② To Remove Lid:

- Remove the two ¼" hex s that secure the backsplash to the top cover and slide towards th of washer.
- Open the lid, remove the crews (two each side) and lift the lid up to remove.



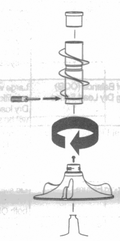
③ To Remove Top C

1. Complete previous com : removals ❶ and ❷.
2. Remove two 1/4" hex he ews at the rear of the top cover.
3. Slide the harness grom t toward the rear of the washer.
4. Disengage the power co n the top cover by lifting up on the front part of the cord an slide forward to remove.
5. Raise the rear of the top up and pull forward slightly to disengage the front clips



1. With a small screwdrive the cap off of the impeller or remove the cap or cup from the agita
2. Remove the 7/16th hex b t secures the impeller/agitator to the shaft.
3. Pull the impeller/agitato e shaft.

NOTE: On two stage agita odels with an auger system, the aug needs to be removed to access the 7/1 ex bolt. This is done by twisting the bas e auger right (clockwise) to unsnap it fr agitator base. A Phillips screwdriver can d to remove the auger by doing the followi A. Insert the screwdriver i existing hole in the auger B. Rotate the auger until th wdriver seats into a recessed area of the portion of the auger. C. Once the screwdriver is d, tap it through the wall of the recessed ar is allows the screwdriver to assist with t the auger off of the agitator base to acces ex bolt.



Model Number	Personality Number	Cycle Status LEDs Lit For Personality Number
MTW200**K0	7	○ ○ ○ ● ● ●
HTW200**K0 & K1	7	○ ○ ○ ● ● ●
HTW200**K2	9	○ ○ ● ○ ○ ●
HTW200**K3 & higher	0	● ● ● ● ● ●
GTW220**K0, K1 & K2	0	● ● ● ● ● ●
GTW220**K3	10	○ ○ ● ○ ● ○
GTW220**K4 & higher	1	○ ○ ○ ○ ○ ●
HTW240**K0 & K1	0	● ● ● ● ● ●
HTW240**K2	10	○ ○ ● ○ ● ○
HTW240**K3 & higher	1	○ ○ ○ ○ ○ ●
GTW330**K0 & K1	8	○ ○ ● ○ ○ ○
GTW330**K2	11	○ ○ ● ○ ● ●
GTW330**K3 & higher	2	○ ○ ○ ○ ● ○
GTW460**J0 & J2	6	○ ○ ○ ● ● ○
GTW460**J3, J4, J5 & J6	11	○ ○ ● ○ ● ●
GTW460**J7	12	○ ○ ● ● ○ ○
GTW460**J8 & higher	3	○ ○ ○ ○ ● ●
GTW485**J0 & J1	10	○ ○ ● ○ ● ○
GTW485**J2 & J3	14	○ ○ ● ● ● ○
GTW485**J4 & higher	4	○ ○ ○ ● ○ ○
GTW490**J0 & J1	1	○ ○ ○ ○ ○ ●
GTW490**J2 & higher	5	○ ○ ○ ● ○ ●
GTW680**J0, J1 & J2	2	○ ○ ○ ○ ● ○
GTW680**J3 & J4	3	○ ○ ○ ○ ● ●
GTW680**J5 & higher	6	○ ○ ○ ● ● ○
GTW680**L0 & higher	6	○ ○ ○ ● ● ○
GTW685**L0 & higher	7	○ ○ ○ ● ● ●
GTW750**L0 & higher	8	○ ○ ● ○ ○ ○

Consumer Help Indicators

• Models with a display on the control panel

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. The chart below 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 lid open or if the machine has stopped itself before the cycle completed due to certain errors. 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.
"**Lid**"	"Lid" will be shown on display if 3 cycles have been started without opening the lid. The washer will not start another cycle until the lid is opened. Try opening, then closing the lid and starting a new cycle. If the problem persists, call GE Appliances at 800.GE.CARES (800.432.2737) for service.

• Models without a display on the control panel

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. The chart below describes the helpful lights you may notice flashing on the display.

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.
Fill light (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 light starts to flash, 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.
Lid Locked light	**Lid Locked** light will flash if 3 cycles have been started without opening the lid. The washer will not start another cycle until the lid is opened. Try opening, then closing the lid and starting a new cycle. If the problem persists, call GE Appliances at 800.GE.CARES (800.432.2737) for service.

Entry into Consumer Error Mode

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

Behaviors While In Consumer Error Mode

- The **Pause** and **Lid Locked** LEDs should be constantly blinking while in CEM.
- Pressing **Start** will display the next fault code.
  - Models without 7-segment display: Fault code will blink in binary - the consumer will report which LEDs are blinking and which are not. See **Binary Display Fault Chart**.
  - Models with 7-segment display: Fault code will blink on the 7-segment display.
- At the end of the fault list or if no faults present:
  - Models without 7-segment display: All status LEDs will blink.
  - Models with 7-segment display: 7-segment display will blink "—".

Exiting Consumer Error Mode

- Pressing any button (other than **Start**) or turning any knob will exit Consumer Error Mode.
- Consumer Error Mode will time out after 10 minutes

Field Service Mode Entry

From an idle state only (all LEDs off), press and hold **Start** button while rotating the cycle selection knob 180 degrees (7 clicks) and then release the **Start** button.

- Once service mode is entered all LEDs will be flashing.
  - On 7-segment display models: (0) will be displayed for Test (0).
  - On models without a 7-segment display: All of the status LEDs above the cycle knob will be lit.
- 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.
  - Models without 7-segment display: Will display tests using the status lights above the cycle knob in a binary format. (See Binary Chart)
  - Turning the knob to go to a different test will terminate any current active state.
- 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.
- Models without 7-segment display: Press and hold the **Start** button for 3 seconds
- Models with a 7-segment display: Press **Power** button

Once the washer is in Servi features are available via the

Knob Index / Test number (Displayed on SSD, 7-segment display, if present) (Without SSD will be displayed in binary format utilizing the cycle status LED's)	Test Name	Description of test
0 ● ● ● ● ● ●	All LED's on	All in SS
1 ○ ○ ○ ○ ○ ●	Fault Codes	M Fa - C co - C fau - A pre - P will - U 7-s On coc Dis At pre
2 ○ ○ ○ ○ ● ○	Personality ID	Pre Fla **Sta** Mo per Mo (Se ID f
3 ○ ○ ○ ○ ● ●	UI Software Version (Critical)	
(Critical)	After entering this test, press the **Start** button to toggle through the software version number	Afte butt vers Exa Hig 1st 2nd Low Maj 1st 2nd Min 3rd 4th
4 ○ ○ ○ ● ○ ○	UI Software Version (Non-critical)	Afte butt ven Exa Hig 1st 2nd Low Maj 1st 2nd Min 3rd 4th
5 ○ ○ ○ ● ○ ●	XML Version (Non-critical)	Exa Hig 1st 2nd Low Maj 1st off) 2nd Min 3rd 4th NO vers XML app the mod corr
6 ○ ○ ○ ● ● ○	Hot Water Valve	Pres valv for The exit

ode, the following service le knob (on some models):

s on the display will be blink
g "88" on the (7-segment display)
a rate of 1Hz.

without 7-segment display:
will be shown;
art button press, blink first fault
binary. (See Binary Chart)
xt Start button press, blink next
de.
l of list OR if no fault codes are
, blink all LEDs.
ing **Start** at the end of the fault list
p back around.
he fault sequence.
ent display models:
rt button press, blink first fault

fault code in SSD.
of list OR if no fault codes are
, washer will flash "- -".

g **Start** will start the test.
e set personality after pressing

without SSD use binary to show
ality.
vith SSD will display personality.
ersonality ID Chart for the correct
e model being checked.)

tering this test, press the **Start** o toggle through the software number as follows:
e: v01.23
d UI
s - "01" on SSD
ss - "23" on SSD

l UI (See Version Diagram below)
ersion (**Pause** LED ON)
s - Display 0 in binary (all LEDs off)
ss - Display 1 in binary
ersion (**Lid Locked** LED ON)
s - Display 2 in binary
s - Display 3 in binary

: v01.23
l UI
s - "01" on SSD
s - "23" on SSD

UI (See Version Diagram below)
rsion (**Pause** LED ON)
s - Display 0 in binary (all LEDs

s - Display 1 in binary
rsion (**Lid Locked** LED ON)
s - Display 2 in binary
s - Display 3 in binary
e only show the non-critical
umber because the critical
sion number must match the
n non-critical version number for
ol to boot. If you get to service
an the XML critical version is
not, update software.

Start will toggle the hot water
and off. Test will have a timeout
ng valve will be on (1 minute).
will turn off when the test is

7 ○ ○ ○ ● ● ●	Cold Water Valve	Pressing **Start** will toggle the cold water valve on and off. Test will have a timeout for how long valve will be on (1 minute). The valve will turn off when the test is exited.
8 ○ ○ ● ○ ○ ○	Fabric Softener Dispenser	Pressing **Start** will toggle the fabric softener valve on and off. Test will have a timeout for how long valve will be on (1 minute). The valve will turn off when the test is exited.
9 ○ ○ ● ○ ○ ●	Spray Rinse Valve Check	Pressing **Start** will toggle the spray rinse valve on and off. Test will have a timeout for how long valve will be on (1 minute). The valve will turn off when the test is exited.
10 ○ ○ ● ○ ● ○	Pressure Sensor	Pressing **Start** will start the test. Pressure sensor test will have a timeout. All valves will turn on. All LEDs will blink at start of test. Stop blinking LEDs as approximate water levels are crossed. The levels are: 2", 3", 4", 5", 6" and 7" Water valves shut off at this level. NOTE: 2" pressure level not supported on GTW750 model.
11 ○ ○ ● ○ ● ●	Recirculate Pump	Pressing **Start** will toggle the recirculation pump on and off. Test will have a (1 minute) timeout for how long recirculation pump will be on. The recirculation pump will turn off when the test is exited.
12 ○ ○ ● ● ○ ○	Drain Pump	Pressing **Start** will toggle the drain pump on and off. Test will have a (4 minute) timeout for how long drain pump will be on. The drain pump will turn off when the test is exited.
13 ○ ○ ● ● ○ ●	Lid Switch	Pressing **Start** will start the test. When the lid is open, the **Spin** status LED will blink. When the lid is closed, the **Rinse** status LED will blink.
14 ○ ○ ● ● ● ○	Spin	Pressing **Start** will start the test. Spin test will perform child safety algorithm before it starts to spin. (Two (2) sprays of water before locking the lid.) The lid must be closed to start the test. If lid is open the **Locked** LED will blink. When started, the mode shift to spin will occur if required and the lid will be locked. When mode shift is complete, the washer will begin spinning to max spin speed for the model being tested. Spin test will have a (4 minute) timeout. Be sure to only run this test with an empty basket as there is no OOB detection during this test. The spin will stop when the test is exited.
15 ○ ○ ● ● ● ●	Agitate	Pressing **Start** will start the test. Agitate test will perform child safety algorithm before it starts to agitate. The lid must be closed to start the test. If lid is open, the **Locked** LED will blink. When started, the mode shift to agitate will occur if required. When mode shift is complete, the washer will begin agitating. The test will pause if the lid is opened after starting. The test will resume on lid close if it was running when opened. The test will stop when the test is exited.
16 ○ ● ○ ○ ○ ○	Clear all Fault Codes	Pressing **Start** will clear all fault codes.
17 ○ ● ○ ○ ○ ●	Change Personality	Pressing **Start** will start the test. Press **Start** button again and the next valid personality should be displayed. Press and hold the **Start** button to select the correct personality.
18 ○ ● ○ ○ ● ○	Analog Knob	Pressing **Start** will start the test. Each options knob is represented by a specific corresponding status LED. (Far left options knob to the far left status LED) When knob position changes, the LED for the specific knob blinks. With each click to the right, the LED for the specific knob blinks faster. With each click to the left, the LED for the specific knob blinks slower.
19 ○ ● ○ ○ ● ●	Bulk Detergent Dispense Valve	Pressing **Start** will toggle the bulk valve on and off. Test will have a timeout for how long valve will be on (1 minute). The valve will turn off when the test is exited.