

241D1500G024

Entry of Field Service Mode

- The control must be in Idle State (all LED's off).to enter Field Service Mode.
- The following key sequence must be pressed;
My Cycle->Delay Dry->My Cycle->Delay Dry
- The sequence must be done in order. If there are any other key presses or keys are pressed out of order the sequence must be started from the beginning.
- Upon entering the Service Mode, there will be a beep and Control shall be in test selection mode display beginning with Test Number 1 (t1).
- Rotating the knob counter clockwise shall decrement the test number in the display.
- Rotating the knob clockwise shall increment the test numbers in the display.
- Once the test number is selected, pressing [Start/Pause] shall begin the selected test.
- If there is no model information programmed, all segments of the 7-Segment Display and LEDs shall blink and must be set as described in the following document section Setting Model Codes on an Uninitialized UI Card prior to entering Field Service Mode.

Exit of Field Service Mode

- Field Service Mode shall time out after 5 minutes if there is no user activity.
- Pressing the key Power or unplugging power to the machine will exit Field Service Mode.

Setting Model Codes

- In the Dryer Model Codes (t1) test when Displaying Model Codes by simultaneously pressing the two buttons Temp & Level the dryer Model Codes can be set.
- First the current User Interface Mode Type is first displayed and can be adjusted as follows.
- Pressing key Level will wrap though valid User Interface Mode Type for the dryer and it increases until it wraps to the lowest valid number.
- Pressing key Temp will wrap thought valid User Interface Mode Type and it decreases until it wraps to the highest valid number.
- Pressing the key Start will temporarily save the User Interface Mode Type.
- Next the current Heater Type selection is displayed as "g" Gas or "E" Electric.
- Pressing keys Temp or Level will alternate the 7-segment display between the two Heater Type selections.
- Pressing the key Start for 3-seconds will store the both the User Interface mode and Heater Type into non-volatile memory.
- If the sequence is interrupted the User Interface Mode and Heater Type will not be saved.
- Once the Heater Type and User Interface Mode have been successfully set in this test the unit will sound a valid tone and go to Idle Mode.

Test #	SSD	Test Function
1	t1	Model Codes
2	t2	UI Software Version
3	t3	XML Version
4	t4	Error Codes
5	t5	CRC Non-Volatile Memory
6	t6	User Interface
7	t7	Outlet Thermistor
8	t8	Inlet Thermistor
9	t9	Moisture Sensor
10	t10	Door Open/Closed
11	t11	Water Valve
12	t12	Restore EEPROM Values
13	t13	Drum

Model	User Interface Mode Type
GFDS250EF	0
GFDS250GF	0
GFMR290EF	0
GFMR290GF	0
GFMR295EF	0
GFMR295GF	0
GFDS260EF	1
GFDS260GF	1
GFDS265EF	1
GFDS265GF	1
GFDR270EH	1

Model	User Interface Mode Type
GFDR270GH	1
GFDR275EH	1
GFDR275GH	1
GHDS360EF	2
GHDS360GF	2
GHDS365EF	2
GHDS365GF	2
GFDR480EF	3
GFDR480GF	3
GFDR485EF	3
GFDR485GF	3

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.

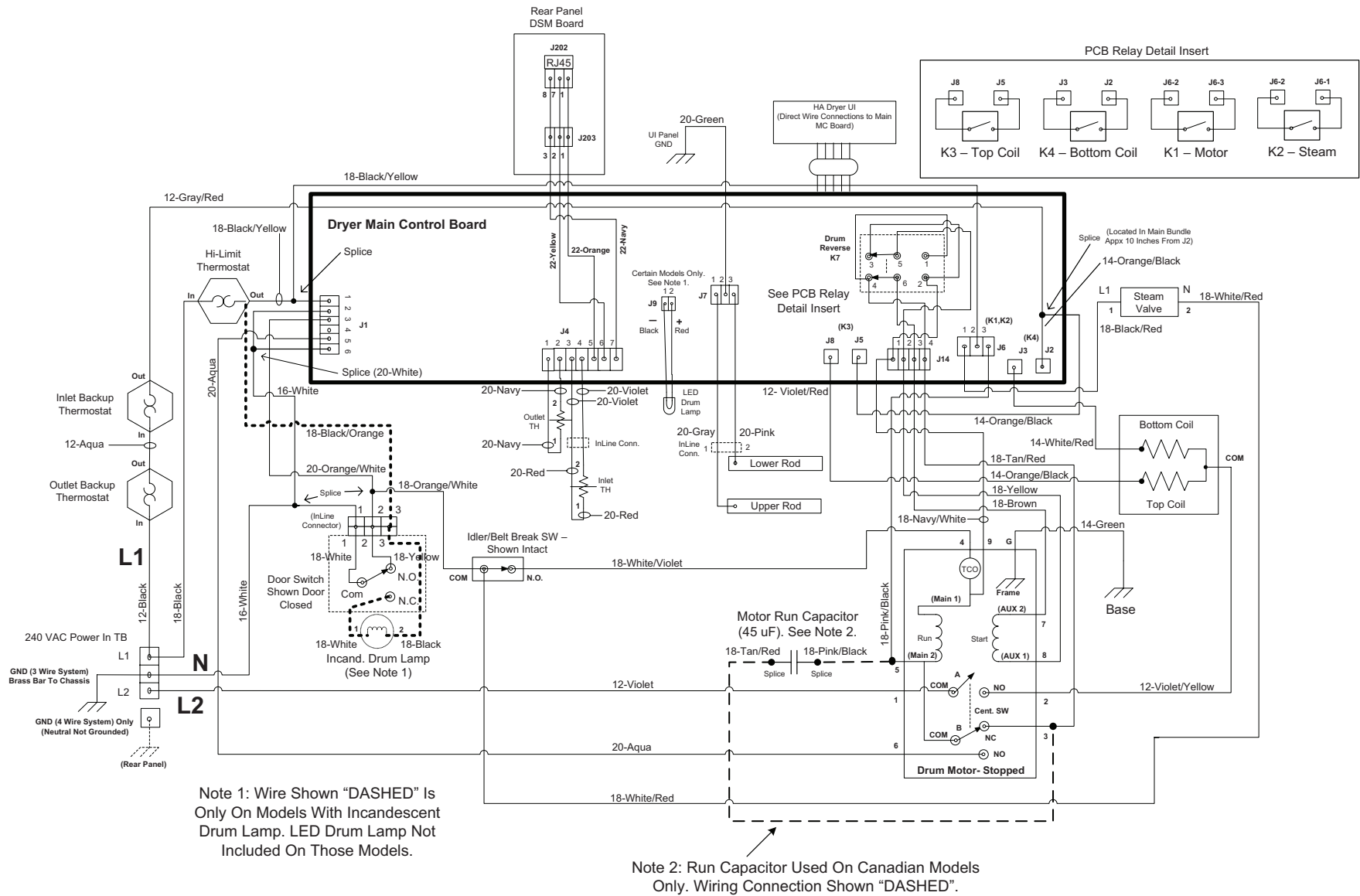
IMPORTANT - RECONNECT ALL GROUNDED DEVICES

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.

7 Segment Display	Error Name	Error Set Conditions	Error Clear Conditions	Error Response Action
000	No Error	Errors are clear		
001	eERROR_INLET_SHORT	When the Inlet Thermistor's count of low readings exceeds the 10 threshold a Inlet Thermistor Short Error is set.	When the Inlet Thermistor's count of good readings exceeds the 10 threshold the error is cleared.	While error is set Heat Control Fallback Algorithm is run instead of Normal Heat Control.
002	eERROR_OUTLET_SHORT	When the Outlet Thermistor's count of low readings exceeds the 10 threshold a Outlet Thermistor Short Error is set.	When the OutletThermistor's count of good readings exceeds the 10 threshold the error is cleared.	While error is set Heat Control Fallback Algorithm is run instead of Normal Heat Control.
003	eERROR_INLET_OPEN	When the Inlet Thermistor's count of high readings exceeds the 10 threshold a Inlet Thermistor Open Error is set.	When the Inlet Thermistor's count of good readings exceeds the 10 threshold the error is cleared.	While error is set Heat Control Fallback Algorithm is run instead of Normal Heat Control.
004	eERROR_OUTLET_OPEN	When the Outlet Thermistor's count of high readings exceeds the 10 threshold a Outlet Thermistor Open Error is set.	When the OutletThermistor's count of good readings exceeds the 10 threshold the error is cleared.	While error is set Heat Control Fallback Algorithm is run instead of Normal Heat Control.
005	eERROR_EEPROM	Bad CRC Detected when reading a Page from Eeprom.		
006	eERROR_STUCK_BUTTON	If a button is depressed for 5 Minutes it will be logged as a stuck button.	When the button is released, the stuck button error will be cleared.	Cleared when stuck button is released.
007	eERROR_MISWIRE	L2/N are mis-wired.	Cleared when voltage drops to Normal Levels.	L2 and N need to be rewired.
008	eERROR_DOOR_LATCH_STUCK	If five cycles are run and the DOOR_LATCH_SIGNAL has not gone open then this error is set.	If the DOOR_LATCH_SIGNAL goes to open this error is cleared.	
009	eERROR_DRUM_MOTOR	The Drum Motor Error is detected when the Centrifugal Switch does not change within a certain period of time after the Drum Motor relay has been turned on or off.		
00d	Door Signal Stuck	If five cycles are run and the DOOR_STATE signal in the hardware Door Switch Detection Circuit, has not gone open for five cycles then this error is set.	If the DOOR_STATE signal is open then this error is cleared.	Micro Blackout Recovery to Run will not occur if this error is set, and control will go to pause.

⚠ WARNING: TO SERVICE THIS MACHINE, POWER MUST BE DISCONNECTED.

WIRING SCHEMATIC FOR ELECTIC DRYER MODELS:



⚠ WARNING: TO REDUCE THE RISK OF ELECTRICAL SHOCK:

THE POWER MUST BE DISCONNECTED BEFORE SERVICING BY UNPLUGGING THE MACHINE OR DISCONNECTING THE CIRCUIT BREAKER. THE 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. IF LOCAL CODES REQUIRE AN ADDITIONAL GROUND CONNECTION, USE A 18 GAUGE OR LARGER WIRE TO CONNECT THE WASHER CABINET TO AN ESTABLISHED GROUND. IN ALL CASES, THE GROUNDING METHOD MUST COMPLY WITH ALL LOCAL ELECTRICAL CODES AND ORDINANCES.

⚠ WARNING: TO REDUCE THE RISK OF ELECTRICAL SHOCK:

IMPROPER CONNECTION OF THE EQUIPMENT-GROUNDING CONDUCTOR CAN RESULT IN A RISK OF ELECTRIC SHOCK. CHECK WITH A QUALIFIED ELECTRICIAN OR SERVICE REPRESENTATIVE OR PERSONNEL IF YOU ARE IN DOUBT AS TO WHETHER THE APPLIANCE IS PROPERLY GROUNDED. DO NOT MODIFY THE PLUG ON THE POWER SUPPLY CORD. IF IT WILL NOT FIT THE OUTLET, HAVE A PROPER OUTLET INSTALLED BY A QUALIFIED ELECTRICIAN. FOR GAS DRYERS PLUG INTO A GROUNDED 3 PRONG OUTLET. DO NOT REMOVE GROUND PRONG. DO NOT USE AN ADAPTER. DO NOT USE AN EXTENSION CORD. FAILURE TO DO SO CAN RESULT IN DEATH, FIRE, OR ELECTRICAL SHOCK.

WIRING SCHEMATIC FOR GAS DRYER MODELS:

