



Technical Education

**Troubleshooting Gas and
Electric Freestanding Range
Electronic Controls**



**KitchenAid
Amana
Maytag
Whirlpool**

FORWARD

This Freestanding Gas and Electric Range Controls Troubleshooting Guide (W10378809), provides the In-Home Service Professional with information on troubleshooting controls on freestanding gas and electric ranges. For specific information on the model being serviced, refer to the information supplied with the range. Always use the Tech Sheet supplied with the product when servicing the range.

GOALS AND OBJECTIVES

The goal of this Job Aid is to provide information that will enable the In-Home Service Professional to properly diagnose malfunctions of gas and electric freestanding ranges.

The objectives of this Job Aid are to:

- Understand and follow proper safety precautions.
- Successfully troubleshoot and diagnose malfunctions.
- Successfully perform necessary repairs.
- Successfully return the range to its proper operational status.

WHIRLPOOL CORPORATION assumes no responsibility for any repairs made on our products by anyone other than authorized In-Home Service Professionals.

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WFE361LVT0	LCC95, Self Clean, Electric	1-10	W10221843	1-26
WFE364LVB0	LCC190, Self-Clean, Electric	1-10	W10198581	1-26
WFE364LVD0	LCC190, Self-Clean, Electric	1-10	W10198581	1-26
WFE364LVQ0	LCC190, Self-Clean, Electric	1-10	W10198581	1-26
WFE364LVS0	LCC190, Self-Clean, Electric	1-10	W10198581	1-26
WFE364LVT0	LCC190, Self-Clean, Electric	1-10	W10198581	1-26
WFE366LVB0	LCC190, Self-Clean, Electric	1-10	W10198581	1-26
WFE366LVQ0	LCC190, Self-Clean, Electric	1-10	W10198581	1-26
WFE366LVS0	LCC190, Self-Clean, Electric	1-10	W10198581	1-26
WFE366LVT0	LCC190, Self-Clean, Electric	1-10	W10198581	1-26
WFE371LVB0	LCC190, Self Clean, Steam, Electric	1-10	W10198582	1-26
WFE371LVQ0	LCC190, Self Clean, Steam, Electric	1-10	W10198582	1-26
WFE371LVS0	LCC190, Self Clean, Steam, Electric	1-10	W10198582	1-26
WFE371LVT0	LCC190, Self Clean, Steam, Electric	1-10	W10198582	1-26
WFE374LVB0	LCC190, Self Clean, Steam, Electric	1-10	W10198582	1-26
WFE374LVQ0	LCC190, Self Clean, Steam, Electric	1-10	W10198582	1-26
WFE374LVS0	LCC190, Self Clean, Steam, Electric	1-10	W10198582	1-26
WFE374LVT0	LCC190, Self Clean, Steam, Electric	1-10	W10198582	1-26
WFE381LVB0	LCC190, Self Clean, Convection, Steam, Electric	1-20	W10198584	1-26
WFE381LVQ0	LCC190, Self Clean, Convection, Steam, Electric	1-20	W10198584	1-26
WFE381LVS0	LCC190, Self Clean, Convection, Steam, Electric	1-20	W10198584	1-26
WFG114SVB0	LCC90, Standard Clean, GAS	1-8	W10200950	1-26
WFG114SVQ0	LCC90, Standard Clean, GAS	1-8	W10200950	1-26
WFG114SVT0	LCC90, Standard Clean, GAS	1-8	W10200950	1-26
WFG114SVW0	LCC90, Standard Clean, GAS	1-8	W10200950	1-26
WFG231LVB0	LCC90, Standard Clean, GAS	1-8	W10200950	1-26
WFG231LVQ0	LCC90, Standard Clean, GAS	1-8	W10200950	1-26
WFG231LVS0	LCC90, Standard Clean, GAS	1-8	W10200950	1-26
WFG361LVB0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG361LVB1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG361LVD0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG361LVD1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG361LVQ0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG361LVQ1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG361LVS0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG361LVS1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG361LVT0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG361LVT1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG371LVB0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG371LVB1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG371LVD0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG371LVD1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG371LVQ0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG371LVQ1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG371LVS0	LCC190, Self Clean, GAS	1-14	W10198618	1-26

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WFG374LVB0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG374LVB1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG374LVD0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG374LVD1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG374LVQ0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG374LVQ1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG374LVS0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG374LVS1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG381LVB0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG381LVB1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG381LVQ0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG381LVQ1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG381LVS0	LCC190, Self Clean, GAS	1-14	W10198618	1-26
WFG381LVS1	LCC190, Self Clean, GAS	1-14	W10198618	1-26
YGFE461LVB0	MRC, True Convection, Electric,	2-2	W10198585	2-10
YGFE461LVQ0	MRC, True Convection, Electric,	2-2	W10198585	2-10
YGFE461LVS0	MRC, True Convection, Electric,	2-2	W10198585	2-10
YGFE471LVB0	MRC, True Convection, Warming Drawer, Electric,	2-2	W10198586	2-10
YGFE471LVQ0	MRC, True Convection, Warming Drawer, Electric,	2-2	W10198586	2-10
YGFE471LVS0	MRC, True Convection, Warming Drawer, Electric,	2-2	W10198586	2-10
YKER507XSS00	MRC II, Dble Oven, True Convection Lower, Warm Zone, Electric	3-5	W10323648	3-16
YMER7662WB0	LCC95, Self Clean, Electric	1-11	W10237513	1-26
YMER7662WB1	LCC95, Self Clean, Electric	1-11	W10237513	1-26
YMER7662WS1	LCC95, Self Clean, Electric	1-11	W10237513	1-26
YMER7662WW0	LCC95, Self Clean, Electric	1-11	W10237513	1-26
YMER7662WW1	LCC95, Self Clean, Electric	1-11	W10237513	1-26
YMER7765WB0	LCC190, Self Clean, Convection, Electric	1-20	W10237514	1-26
YMER7765WB1	LCC190, Self Clean, Convection, Electric	1-20	W10237514	1-26
YMER7765WS0	LCC190, Self Clean, Convection, Electric	1-20	W10237514	1-26
YMER7765WS1	LCC190, Self Clean, Convection, Electric	1-20	W10237514	1-26
YMER7765WW0	LCC190, Self Clean, Convection, Electric	1-20	W10237514	1-26
YMER7765WW1	LCC190, Self Clean, Convection, Electric	1-20	W10237514	1-26
YMER8772WB0	MRC, Fan Convection, Electric,	2-3	W10239462	2-10
YMER8772WB1	MRC, Fan Convection, Electric,	2-3	W10239462	2-10
YMER8772WS0	MRC, Fan Convection, Electric,	2-3	W10239462	2-10
YMER8772WS1	MRC, Fan Convection, Electric,	2-3	W10239462	2-10
YMER8772WW0	MRC, Fan Convection, Electric,	2-3	W10239462	2-10
YMER8772WW1	MRC, Fan Convection, Electric,	2-3	W10239462	2-10
YMER8875WB0	MRC, True Convection, Electric	2-3	W10239465	2-10
YMER8875WB1	MRC, True Convection, Electric	2-3	W10239465	2-10
YMER8875WS0	MRC, True Convection, Electric	2-3	W10239465	2-10
YMER8875WS1	MRC, True Convection, Electric	2-3	W10239465	2-10
YMER8875WW0	MRC, True Convection, Electric	2-3	W10239465	2-10
YMER8875WW1	MRC, True Convection, Electric	2-3	W10239465	2-10
YMERH770WB0	LCC190, Self Clean, Convection, Electric	1-21	W10249695	1-26
YMERH770WB1	MRC, Fan Convection, Electric,	2-3	W10239462	2-10
YMERH770WB1	LCC190, Self Clean, Convection, Electric	1-21	W10249695	1-26
YMERH770WB1	MRC, Fan Convection, Electric,	2-3	W10239462	2-10
YMERH770WS0	LCC190, Self Clean, Convection, Electric	1-21	W10249695	1-26
YMERH770WS0	MRC, Fan Convection, Electric,	2-3	W10239462	2-10
YMERH770WS1	LCC190, Self Clean, Convection, Electric	1-21	W10249695	1-26
YMERH770WS1	MRC, Fan Convection, Electric,	2-3	W10239462	2-10
YMERH770WW0	LCC190, Self Clean, Convection, Electric	1-21	W10249695	1-26
YMERH770WW0	MRC, Fan Convection, Electric,	2-3	W10239462	2-10
YMERH770WW1	LCC190, Self Clean, Convection, Electric	1-21	W10249695	1-26

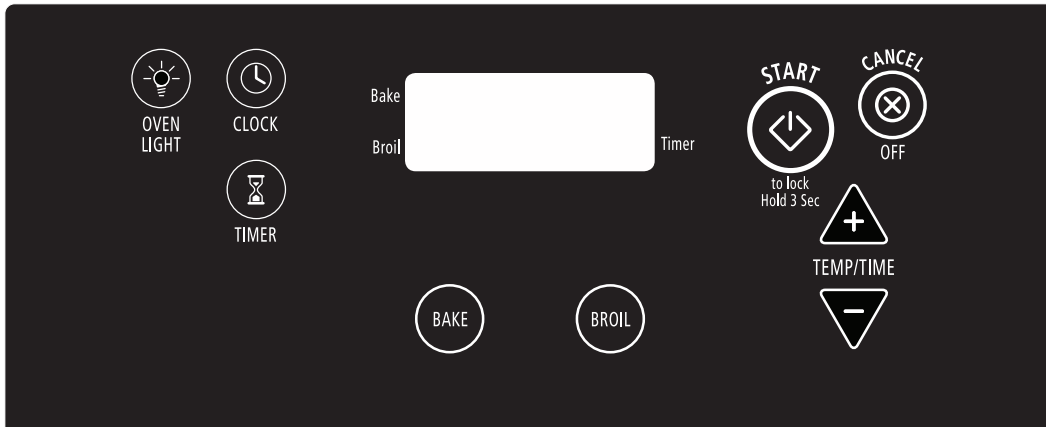
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Model	Control, Range Description	Page	Tech Sheet	F Codes
YMERH770WW1	MRC, Fan Convection, Electric,	2-3	W10239462	2-10
YMET8665XB00	MRC II, Double Oven, Electric	3-2	W10311745	3-16
YMET8665XS00	MRC II, Double Oven, Electric	3-2	W10311745	3-16
YMET8665XW00	MRC II, Double Oven, Electric	3-2	W10311745	3-16
YMET8885XB00	MRC II, Dble Oven, True Convect Lower, Warm Zone, Electric	3-3	W10311747	3-16
YMET8885XS00	MRC II, Dble Oven, True Convect Lower, Warm Zone, Electric	3-3	W10311747	3-16
YMET8885XW00	MRC II, Dble Oven, True Convect Lower, Warm Zone, Electric	3-3	W10311747	3-16
YRF115LXVB0	LCC90, Standard Clean, Electric	1-2	W10251245	1-26
YRF115LXVQ0	LCC90, Standard Clean, Electric	1-2	W10251245	1-26
YRF115LXVS0	LCC90, Standard Clean, Electric	1-2	W10251245	1-26
YWFE301LVB0	LCC90, Standard Clean, Electric	1-2	W10251245	1-26
YWFE301LVQ0	LCC90, Standard Clean, Electric	1-2	W10251245	1-26
YWFE301LVS0	LCC90, Standard Clean, Electric	1-2	W10251245	1-26
YWFE361LVB0	LCC95, Self Clean, Electric	1-10	W10221843	1-26
YWFE361LVQ0	LCC95, Self Clean, Electric	1-10	W10221843	1-26
YWFE361LVS0	LCC95, Self Clean, Electric	1-10	W10221843	1-26
YWFE366LVB0	LCC190, Self Clean, Electric	1-10	W10198581	1-26
YWFE366LVQ0	LCC190, Self Clean, Electric	1-10	W10198581	1-26
YWFE366LVS0	LCC190, Self Clean, Electric	1-10	W10198581	1-26
YWFE371LVB0	LCC190, Self Clean, Steam, Electric	1-10	W10198582	1-26
YWFE371LVQ0	LCC190, Self Clean, Steam, Electric	1-10	W10198582	1-26
YWFE371LVS0	LCC190, Self Clean, Steam, Electric	1-10	W10198582	1-26
YWFE381LVB0	LCC190, Self Clean, Convection, Steam, Electric	1-20	W10198584	1-26
YWFE381LVQ0	LCC190, Self Clean, Convection, Steam, Electric	1-20	W10198584	1-26
YWFE381LVS0	LCC190, Self Clean, Convection, Steam, Electric	1-20	W10198584	1-26

NOTES

LCC Standard Clean, Electric

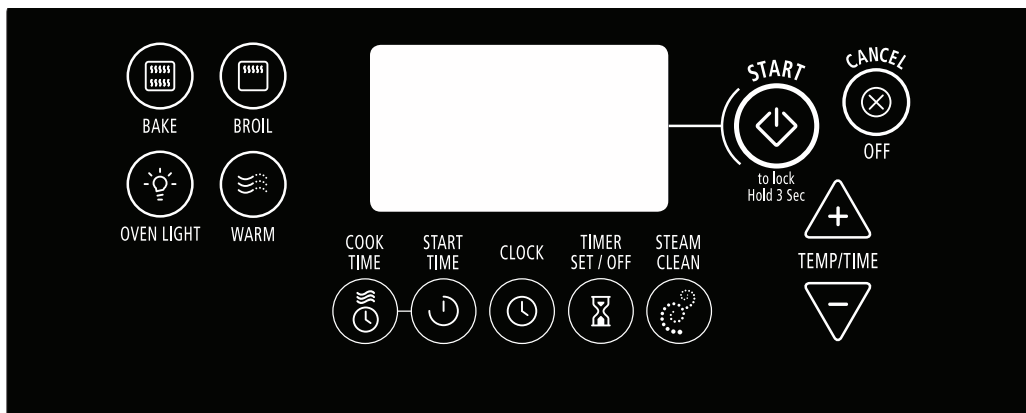
LCC90 Control, Standard Clean, Electric



Models:

WFE114LWS0
WFE301LVB0
WFE301LVQ0
WFE301LVS0
YRF115LXVB0
YRF115LXVQ0
YRF115LXVS0
YWFE301LVB0
YWFE301LVQ0
YWFE301LVS0
IVE32300
IVE82300

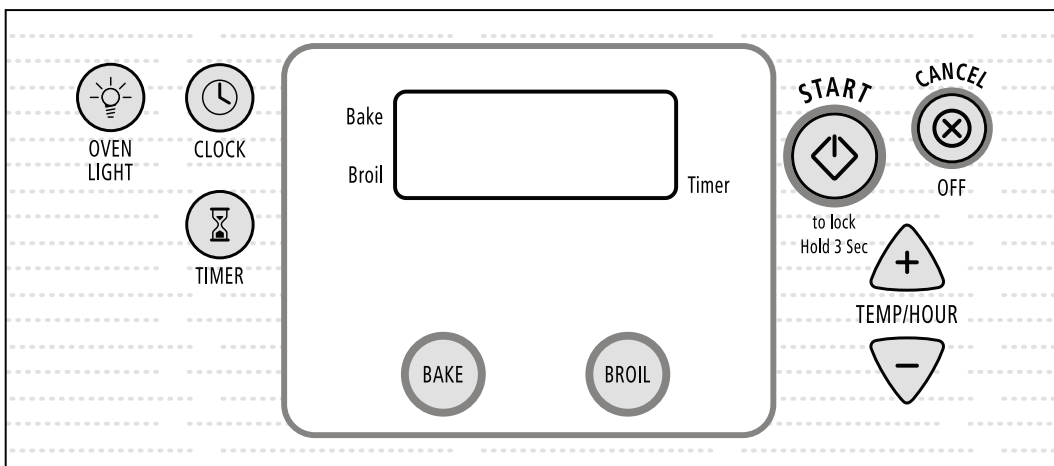
LCC190 Control, Standard Clean, Steam Clean, Electric



Models:

WFE321LWB0
WFE321LWQ0
WFE321LWS0
WFE324LWB0
WFE324LWQ0
WFE324LWS0

LCC90 Control, Standard Clean, Electric

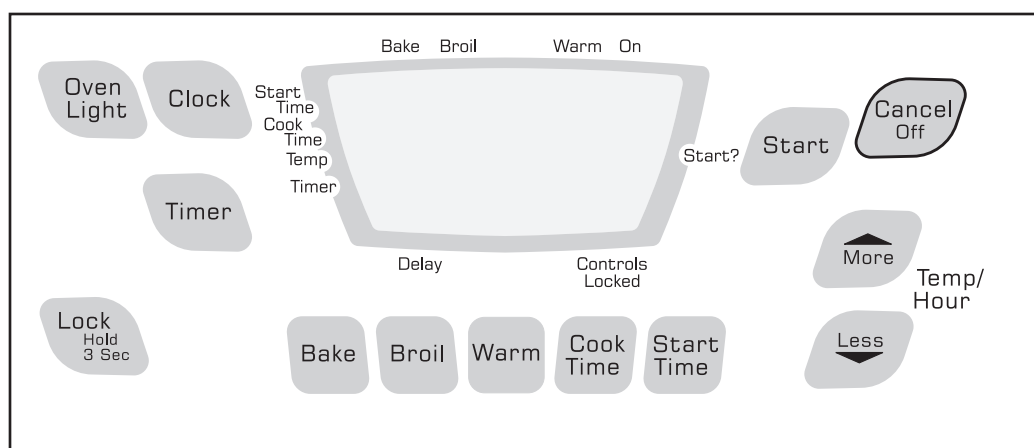


Models:

AER5821VAS0
AER5821VAW0

LCC Standard Clean, Electric (continued)

LCC180 Control, Standard Clean, Electric



Models:

AER5822VAB0
AER5822VAD0
AER5822VAS0
AER5822VAW0
AER5822VCB0
AER5822VCS0
AER5822VCW0
AER5823XAB0
AER5823XAS0
AER5823XAW0

Temperature Adjustment

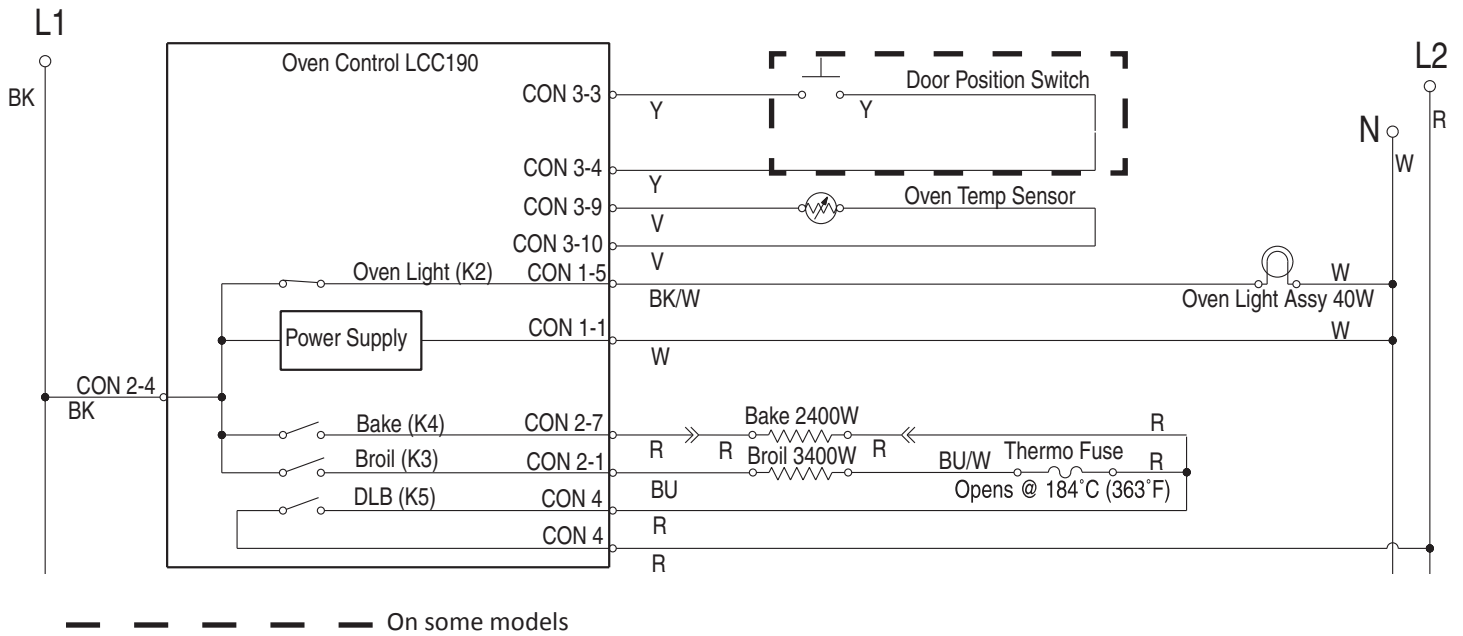
1. Press BAKE for 5 seconds.	Previous Offset shown, or U-00 is displayed.
2. Press TEMP/TIME "+" or "-". TEMP/HOUR	Adjusts temperature in 10° F (5° C) increments between -30°F and +30°F.
3. Press START.	Bake and Broil Temperatures are offset automatically to the same degree. If START is not pressed within 1 minute, adjustment is ignored.

Diagnostic Mode

Action	Display
1. Press CANCEL/CANCEL/START	"tSt" (You are in the test mode)
2. Press the TEMP/HOUR "+" key	###°F or °C (Oven Sensor Temperature)
Press "+" again	-30°F to +30°F (Oven Offset Temperature)
"+" again	### (Control Software Version)
"+" again	### (Control Memory Checksum)
"+" again will display 1 of the 3	"CLr" (Good Control)
	F# *(Error Code - See Tech Sheet for Repair)
	## (Hours of operation at error code)
"+" again	#### (Total hours of oven operation)
"+" again	"00" (Door Open) or "01" (Door Closed)
*Press "START TIME" to clear all fault codes	
When checking for fault codes, if the display shows "CLr", Do Not replace the control.	

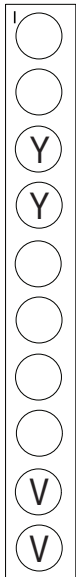
Wiring Information

TS W10267424

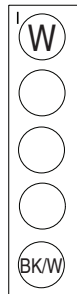


Connectors

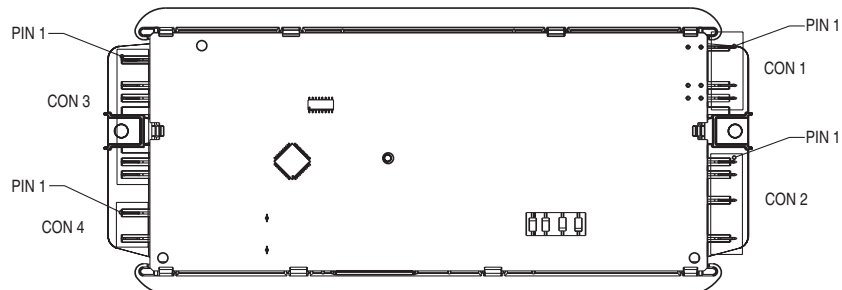
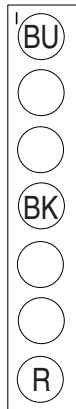
CON3



CON1

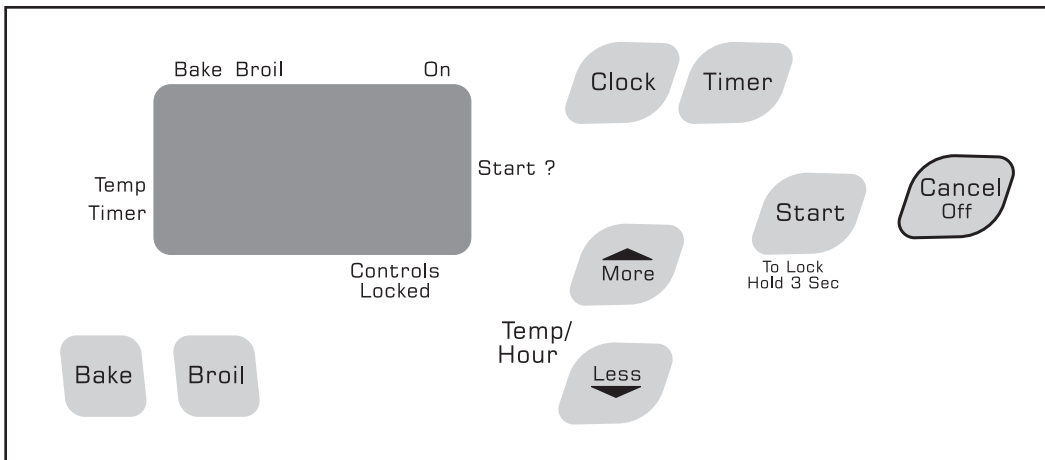


CON2



NOTES

EZ Control, Standard Clean, Gas



Models:

AGR4422VDB0
 AGR4422VDD0
 AGR4422VDS0
 AGR4422VDW0

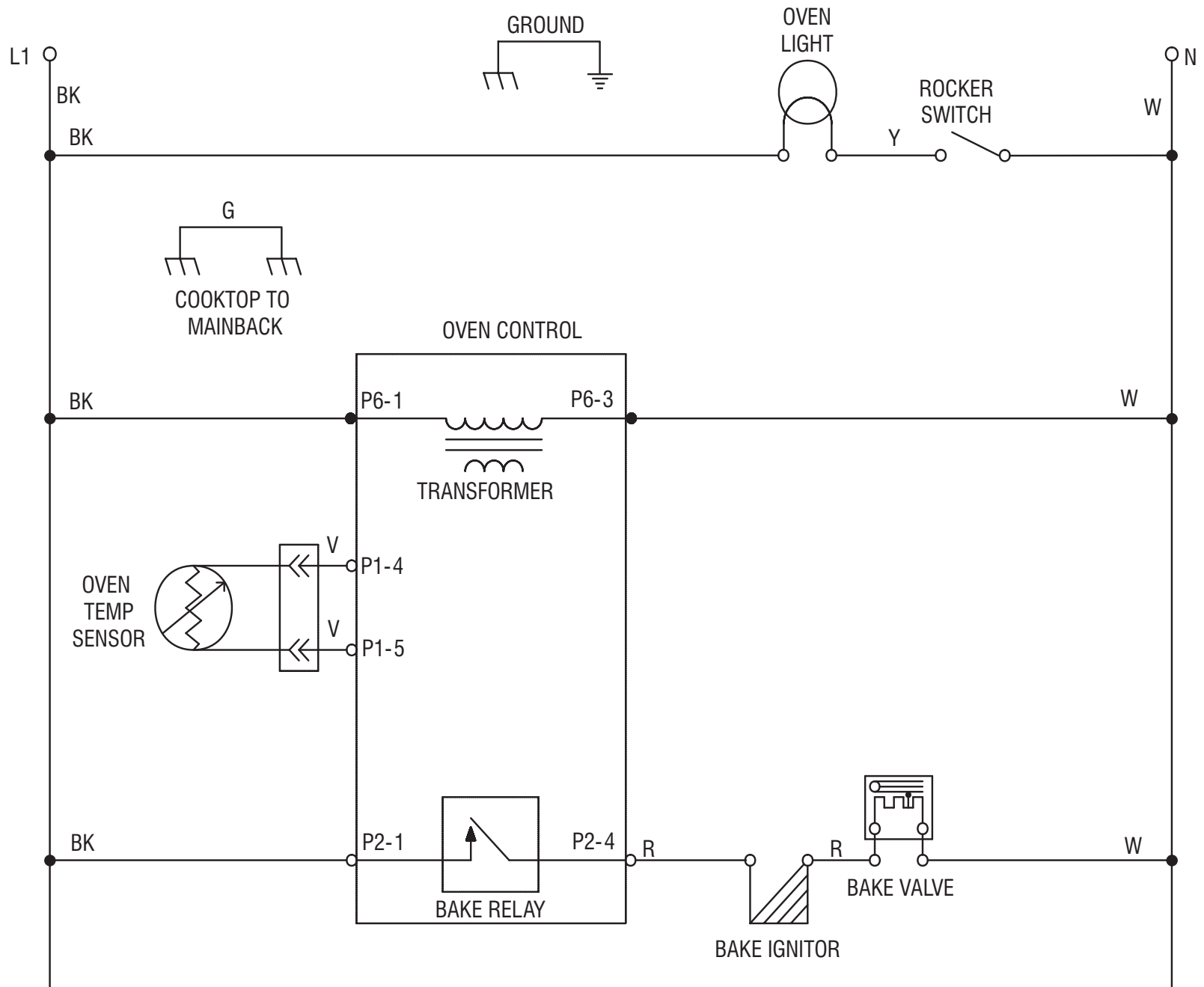
Temperature Adjustment	
Press BAKE for 5 seconds.	Previous Offset shown, or U-00 is displayed.
Press TEMP/HOUR "+" or "-"	Adjusts temperature in 10° F (5° C) increments between -30°F and +30°F.
Press START	Bake and Broil Temperatures are offset automatically to the same degree. If START is not pressed within 1 minute, adjustment is ignored.

No Diagnostic Mode Available for this Model

Wiring Information

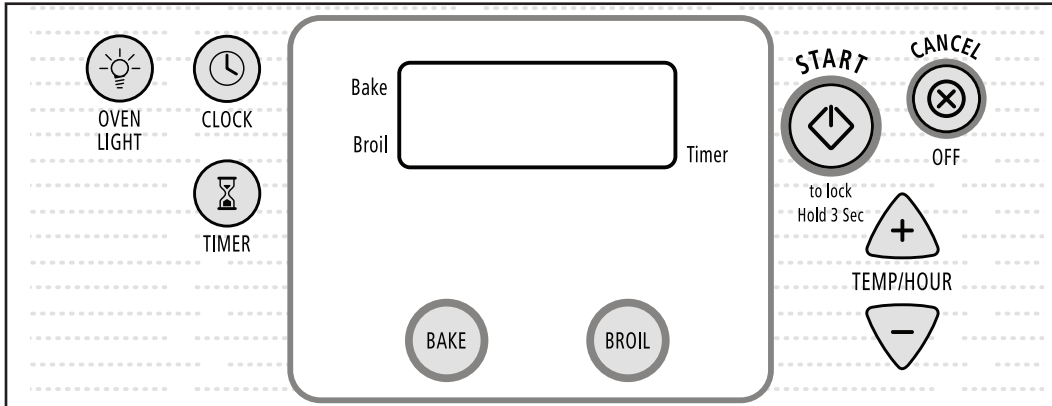
TS# W10155514

NOTE: Schematic shows door latch switch in the COOK position with oven door open and elements off.



LCC Standard Clean, GAS

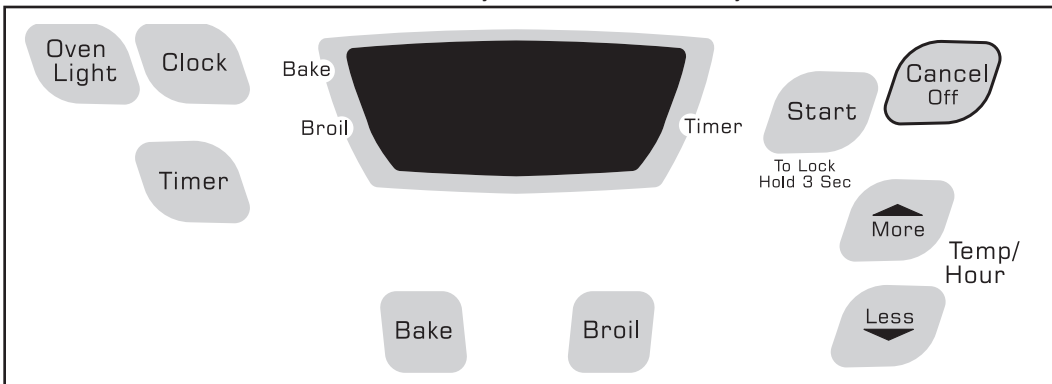
LCC90 Control, Standard Clean, GAS



Models:

SF114PXSB2
SF114PXSQ2
SF114PXST2
SF114PXSX2
WFG114SVB0
WFG114SVQ0
WFG114SVT0
WFG114SVW0
WFG231LVB0
WFG231LVQ0
WFG231LVS0

LCC90 Control, Standard Clean, GAS



Models:

AGR4433XDB0
AGR4433XDS0
AGR4433XDWO

Temperature Adjustment

1. Press BAKE for 5 seconds.	Previous Offset shown, or U-00 is displayed.
2. Press TEMP/HOUR "+" or "-".	Adjusts temperature in 10° F (5° C) increments between -30°F and +30°F.
3. Press START.	Bake and Broil Temperatures are offset automatically to the same degree. If START is not pressed within 1 minute, adjustment is ignored.

Diagnostic Mode

Action	Display
1. Press CANCEL/CANCEL/START	"tSt" (You are in the test mode)
2. Press the TEMP/HOUR "+" key	###°F or °C (Oven Sensor Temperature)
Press "+" again	-30°F to +30°F (Oven Offset Temperature)
"+" again	### (Control Software Version)
"+" again	### (Control Memory Checksum)
"+" again will display 1 of the 3	"CLr" (Good Control)
	F# *(Error Code - See Tech Sheet for Repair)
	## (Hours of operation at error code)
"+" again	#### (Total hours of oven operation)
"+" again	"00" (Door Open) or "01" (Door Closed)

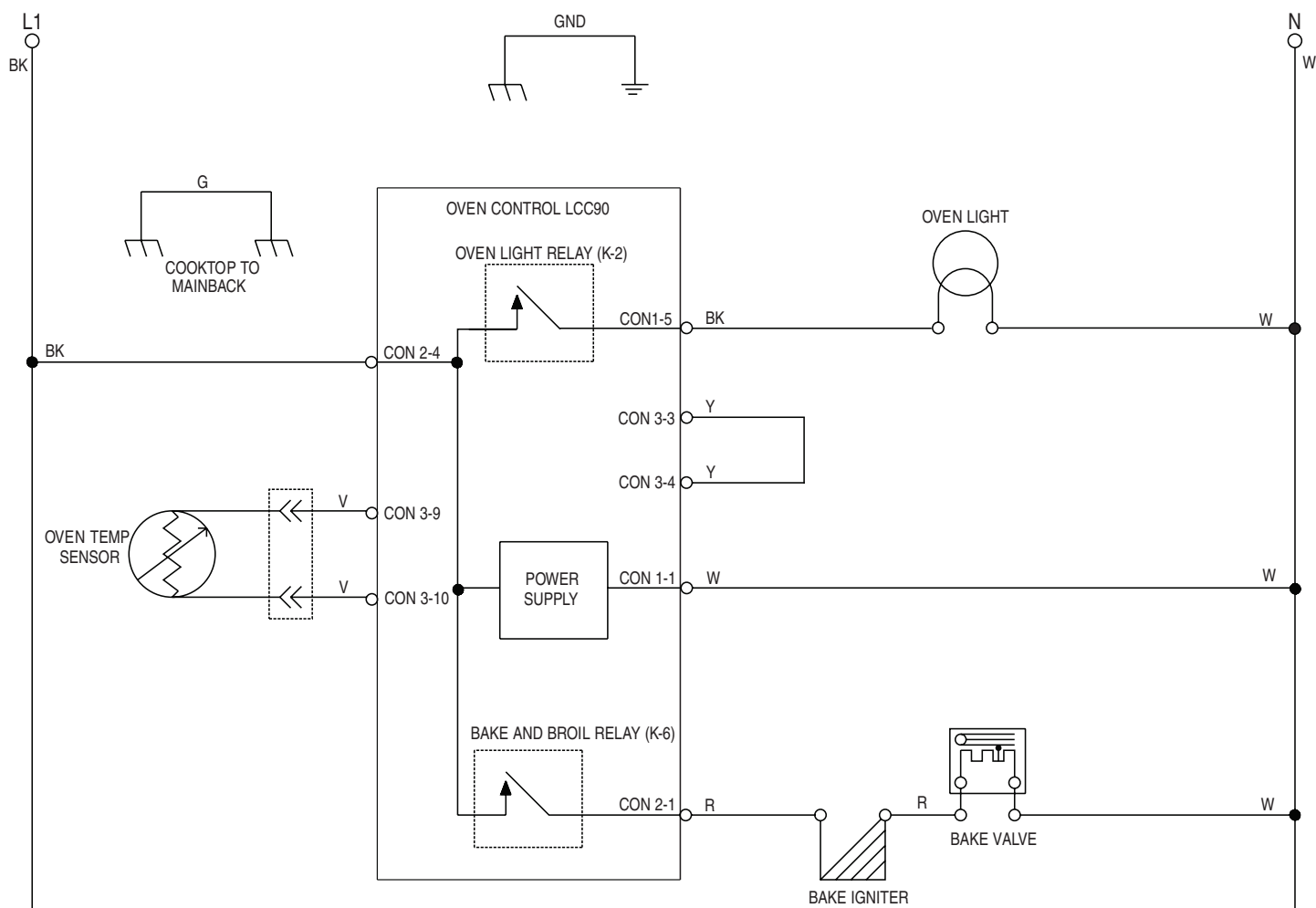
*Press "START" to clear all fault codes

When checking for fault codes, if the display shows "CLr", Do Not replace the control.

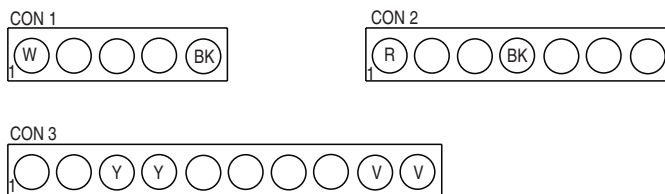
Wiring Information

TS# W10200950

NOTE: Schematic shows doors closed and relays off

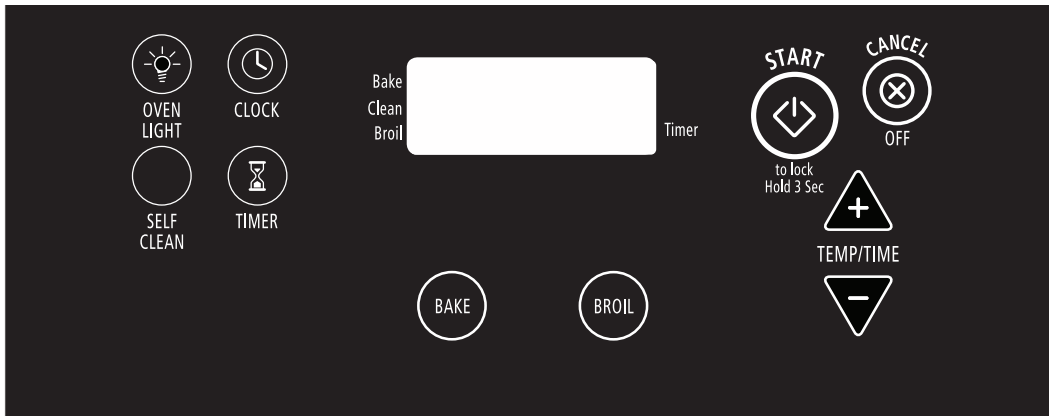


Connectors



LCC Self-Clean, Electric

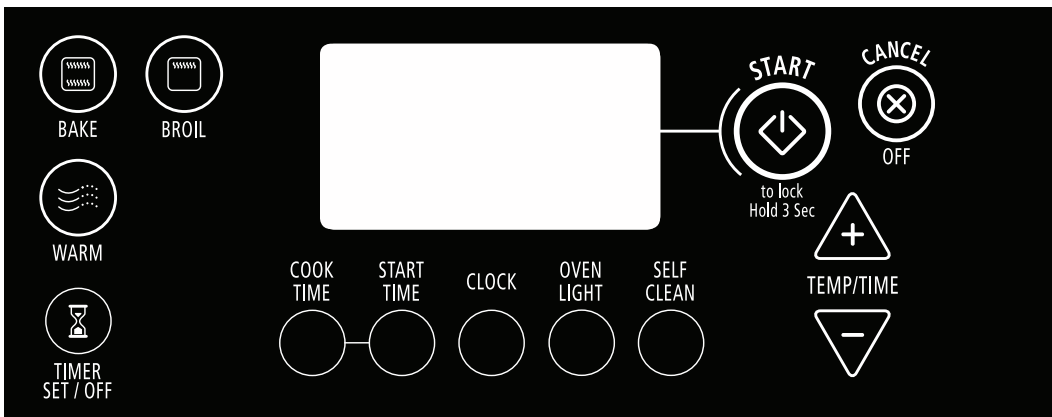
LCC95 Control, Self-Clean, Electric



Models:

WFE361LVB0
WFE361LVD0
WFE361LVQ0
WFE361LVS0
WFE361LVT0
YWFE361LVB0
YWFE361LVQ0
YWFE361LVS0
IVP33800
IVP85800
IVP85801
TES325VQ0
TES325VT0

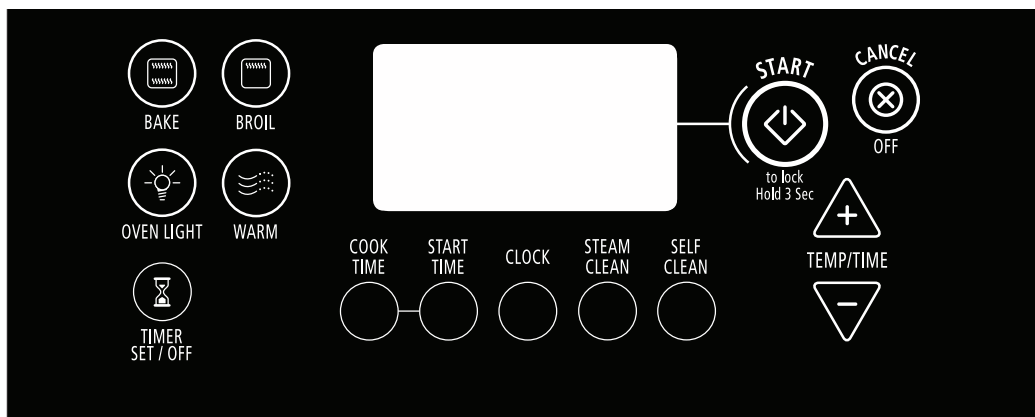
LCC190 Control, Self-Clean, Electric



Models:

WFE364LVB0
WFE364LVD0
WFE364LVQ0
WFE364LVS0
WFE364LVT0
WFE366LVB0
WFE366LVQ0
WFE366LVS0
WFE366LVT0
YWFE366LVB0
YWFE366LVQ0
YWFE366LVS0

LCC190 Control, Self-Clean, Steam Clean, Electric

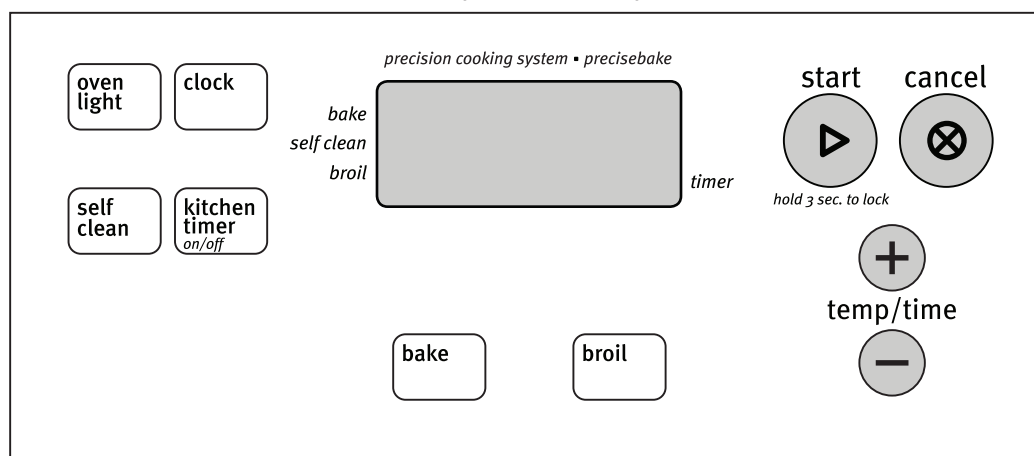


Models:

WFE371LVB0
WFE371LVQ0
WFE371LVS0
WFE371LVT0
WFE374LVB0
WFE374LVQ0
WFE374LVS0
WFE374LVT0
YWFE371LVB0
YWFE371LVQ0
YWFE371LVS0

LCC Self-Clean, Electric (continued)

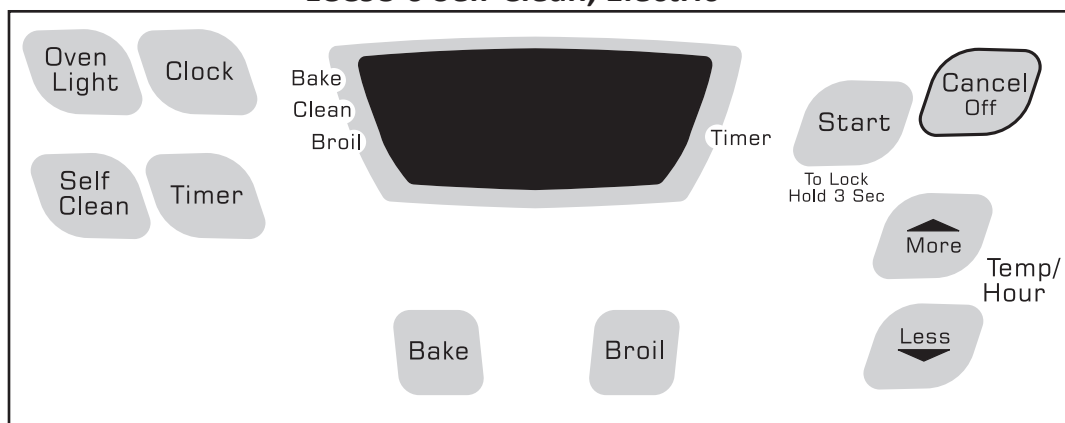
LCC95 Control, Self-Clean, Electric



Models:

MER7662WB0
MER7662WB1
MER7662WQ1
MER7662WS0
MER7662WS1
MER7662WT0
MER7662WW0
MER7662WW1
YMER7662WB0
YMER7662WB1
YMER7662WS1
YMER7662WW0
YMER7662WW1

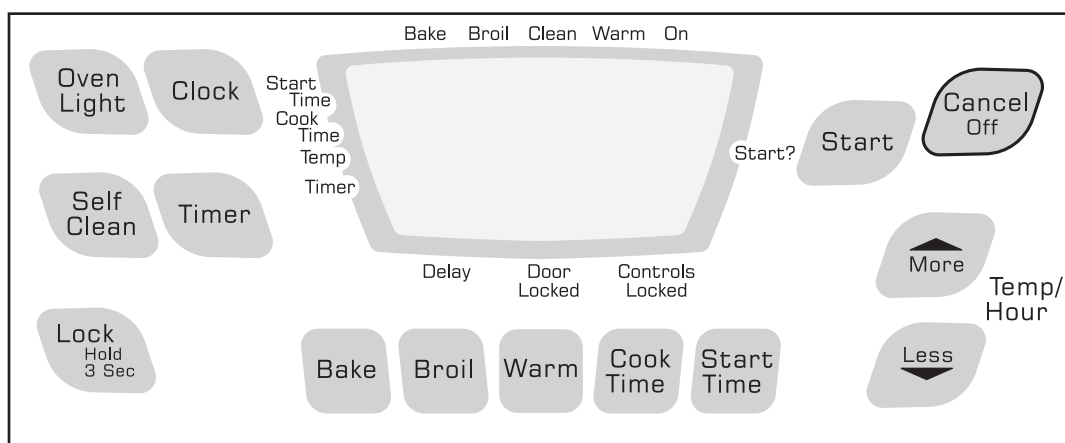
LCC95 6 Self-Clean, Electric



Models:

AER5522VAS0
AER5522VAW0
AER5522VCS0
AER5522VCW0
AER5822VCB0
AER5822VCS0
AER5822VCW0

LCC180 Control, Self-Clean, Electric



Models:

AER5830VAB0
AER5830VAD0
AER5830VAS0
AER5830VAW0
AER5844VAB0
AER5844VAD0
AER5844VAS0
AER5844VAW0

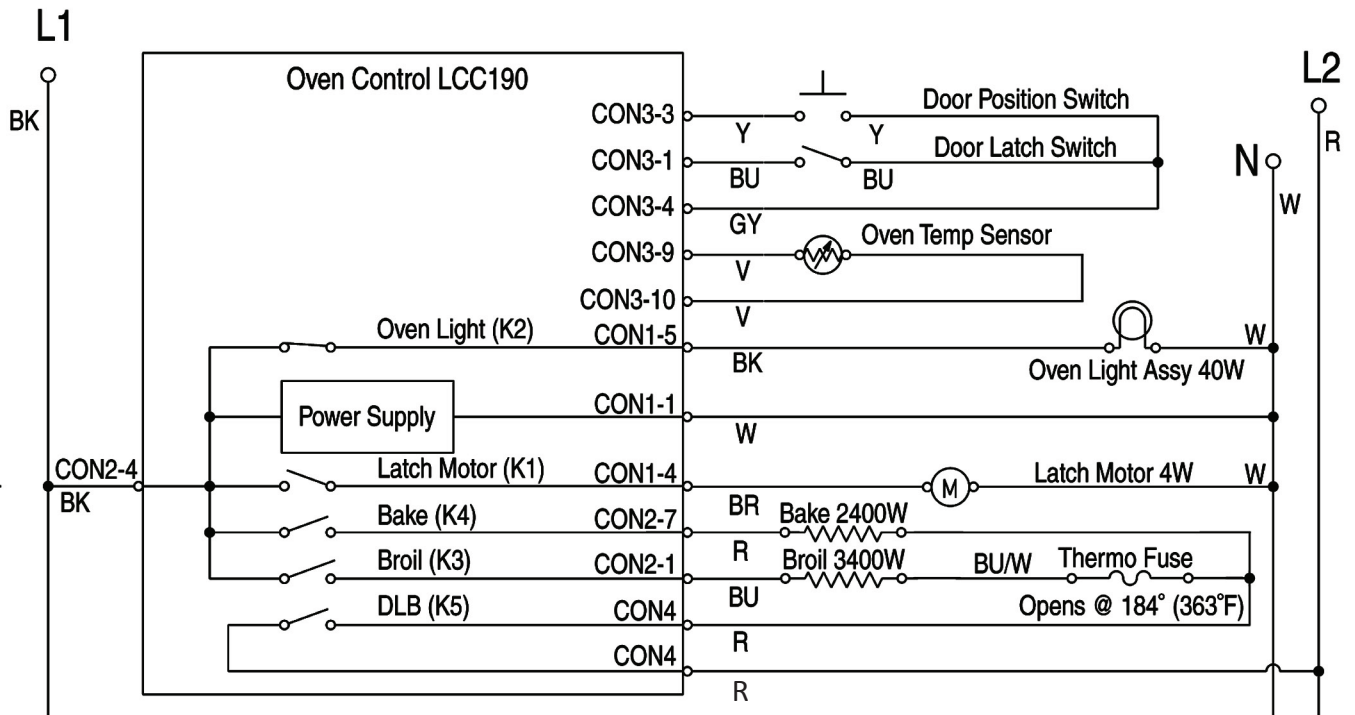
LCC Self-Clean, Electric (continued)

Temperature Adjustment	
1. Press BAKE for 5 seconds.	Previous Offset shown, or U-00 is displayed.
2. Press TEMP/TIME "+" or "-".	Adjusts temperature in 10° F (5° C) increments between -30°F and +30°F.
3. Press START.	Bake and Broil Temperatures are offset automatically to the same degree. If START is not pressed within 1 minute, adjustment is ignored.

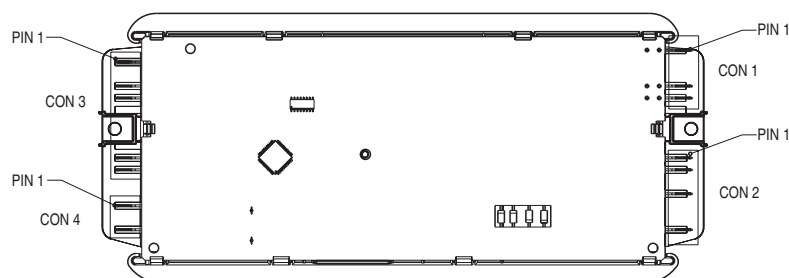
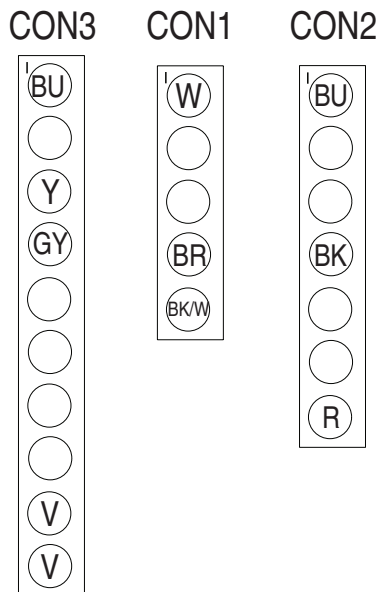
Diagnostic Mode	
Action	Display
1. Press CANCEL/CANCEL/START	"tSt" or "tEst" (You are in the test mode)
2. Press the TEMP/TIME "+" key	###°F or °C (Oven Sensor Temperature)
Press "+" again	-30°F to +30°F (Oven Offset Temperature)
"+" again	### (Control Software Version)
"+" again	### (Control Memory Checksum)
"+" again will display 1 of the 3	"CLr" (Good Control) F# *(Error Code - See Tech Sheet for Repair) ## (Hours of operation at error code)
"+" again	#### (Total hours of oven operation)
"+" again	"00" (Door Open) or "01" (Door Closed)
*Press "START" or "START TIME" to clear all fault codes	
When checking for fault codes, if the display shows "CLr", Do Not replace the control.	

Wiring Information

NOTE: Schematic shows door latch switch in the COOK position with oven door open and elements off.



Connectors



LCC Self-Clean, Gas

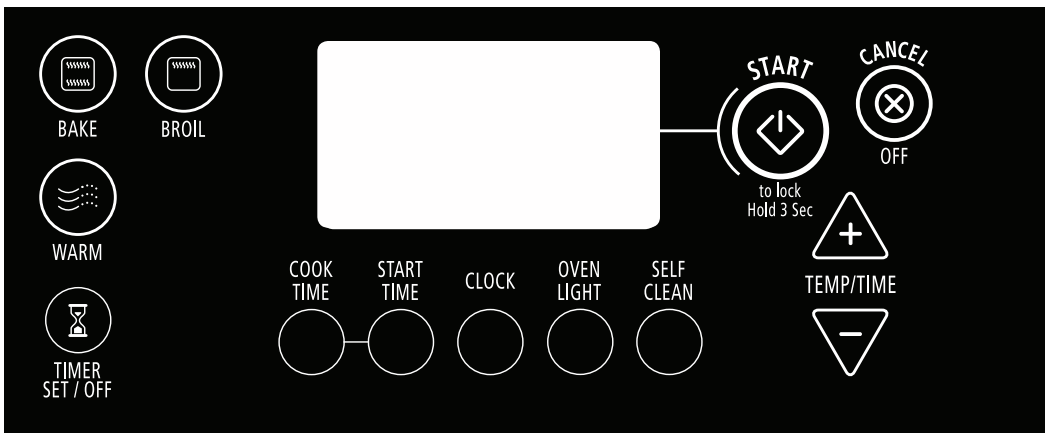
LCC95 Control, Self-Clean, Gas



Models:

TGS325VB0
TGS325VB1
TGS325VQ0
TGS325VQ1
TGS325VT0
TGS325VT1

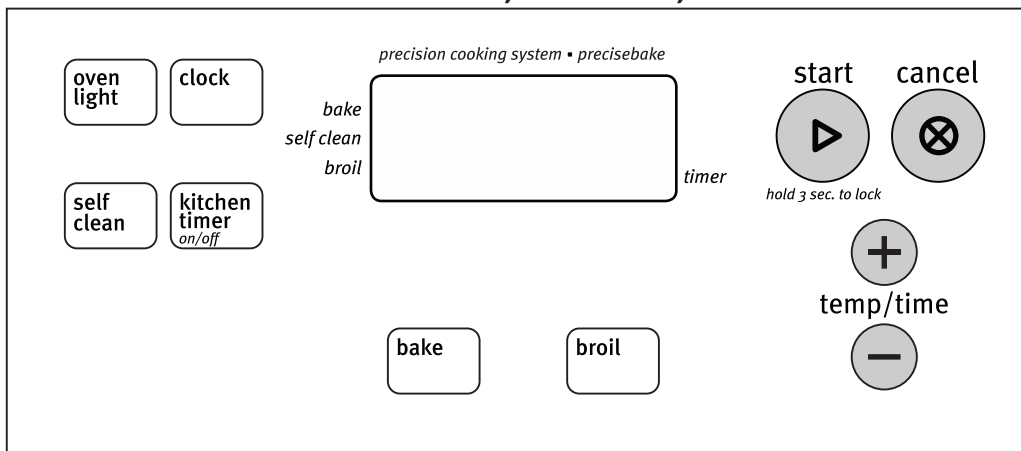
LCC190 Control, Self-Clean, Gas



Models:

WFG361LVB0	WFG371LVS0
WFG361LVB1	WFG371LVS1
WFG361LVD0	WFG374LVB0
WFG361LVD1	WFG374LVB1
WFG361LVQ0	WFG374LVD0
WFG361LVQ1	WFG374LVD1
WFG361LVS0	WFG374LVQ0
WFG361LVS1	WFG374LVQ1
WFG361LVT0	WFG374LVS0
WFG361LVT1	WFG374LVS1
WFG371LVB0	WFG381LVB0
WFG371LVB1	WFG381LVB1
WFG371LVD0	WFG381LVQ0
WFG371LVD1	WFG381LVQ1
WFG371LVQ0	WFG381LVS0
WFG371LVQ1	WFG381LVS1

LCC95 Control, Self-Clean, Gas

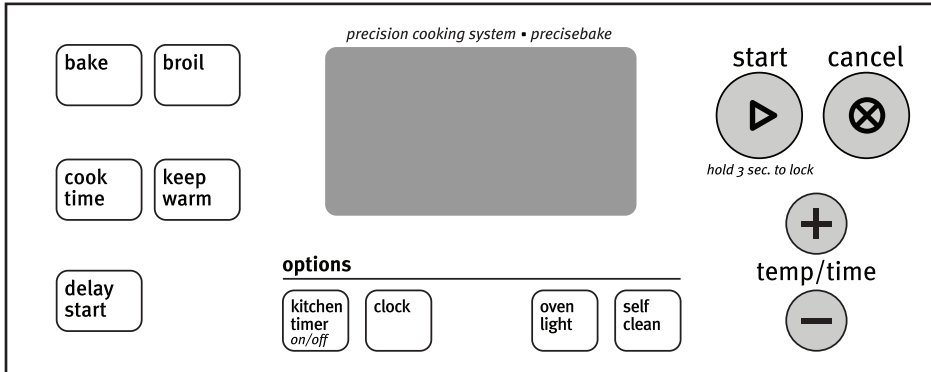


Models:

MGR7661WB0
MGR7661WB1
MGR7661WS0
MGR7661WS1
MGR7661WW0
MGR7661WW1

LCC Self-Clean, Gas (continued)

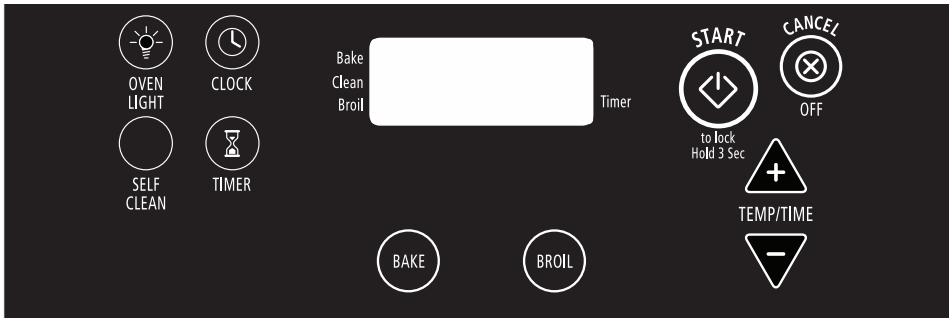
LCC190 Control, Self-Clean, Gas



Models:

MGR7662WB0	MGR7662WW1
MGR7662WB1	MGR7665WB0
MGR7662WQ0	MGR7665WB1
MGR7662WQ1	MGR7665WS0
MGR7662WS0	MGR7665WS1
MGR7662WS1	MGR7665WW0
MGR7662WW0	MGR7665WW1

LCC95 Control, Self-Clean, Gas



Models:

AGR5844VDB0	AGR5844VDS0
AGR5844VDB1	AGR5844VDS1
AGR5844VDB2	AGR5844VDS2
AGR5844VDD0	AGR5844VDW0
AGR5844VDD1	AGR5844VDW1
AGR5844VDD2	AGR5844VDW2

Temperature Adjustment

1. Press BAKE for 5 seconds.	Previous Offset shown, or U-00 is displayed.
2. Press TEMP/TIME "+" or "-".	Adjusts temperature in 10° F (5° C) increments between -30°F and +30°F.
3. Press START.	Bake and Broil Temperatures are offset automatically to the same degree. If START is not pressed within 1 minute, adjustment is ignored.

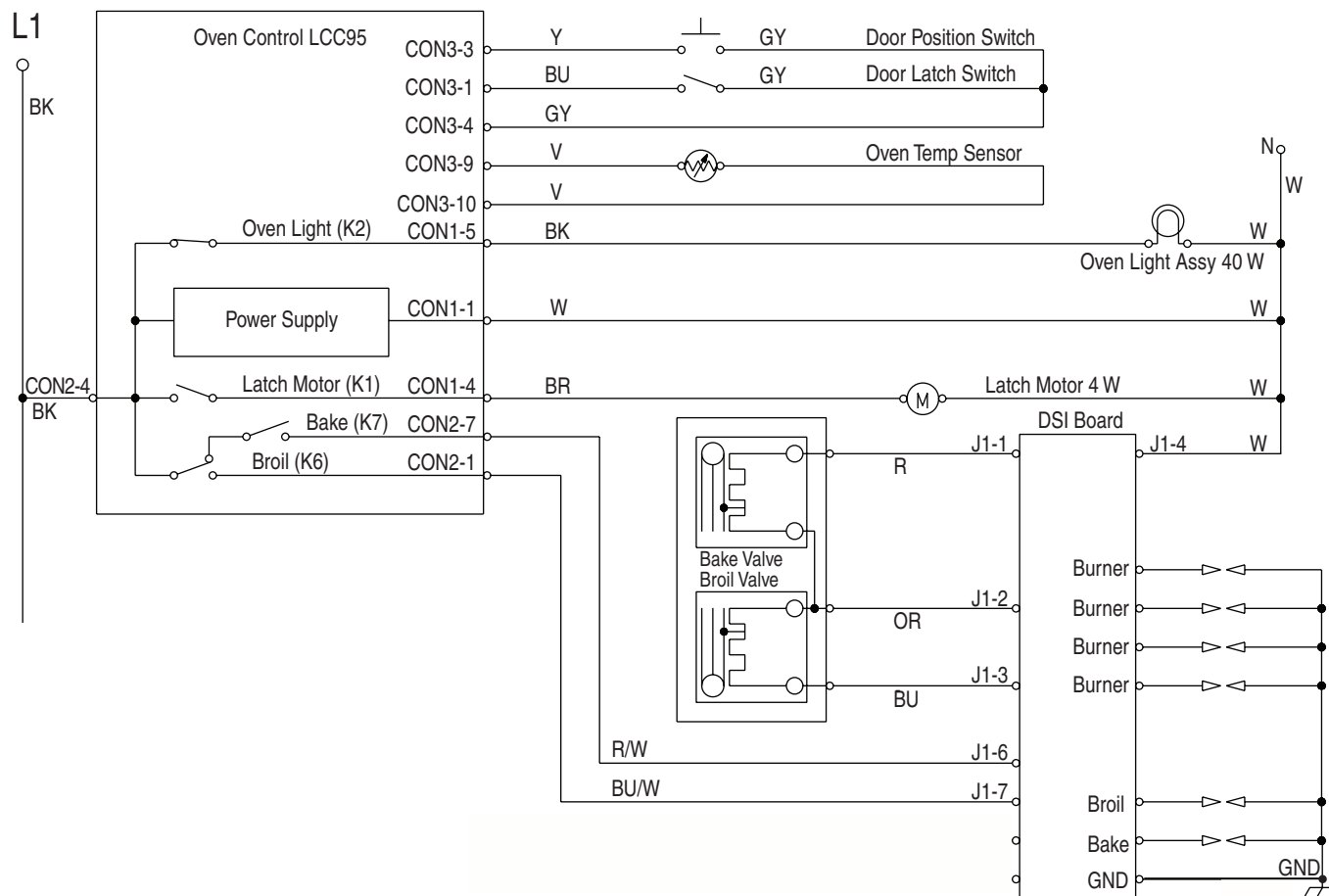
Diagnostic Mode

Action	Display
1. Press CANCEL/CANCEL/START	"tSt" (You are in the test mode)
2. Press the TEMP/TIME "+" key	###°F or °C (Oven Sensor Temperature)
Press "+" again	-30°F to +30°F (Oven Offset Temperature)
"+" again	### (Control Software Version)
"+" again	### (Control Memory Checksum)
"+" again will display 1 of the 3	"CLr" (Good Control)
	F# *(Error Code - See Tech Sheet for Repair)
	## (Hours of operation at error code)
"+" again	#### (Total hours of oven operation)
"+" again	"00" (Door Open) or "01" (Door Closed)
*Press "START" or "DELAY START" to clear all fault codes	
When checking for fault codes, if the display shows "CLr", Do Not replace the control.	

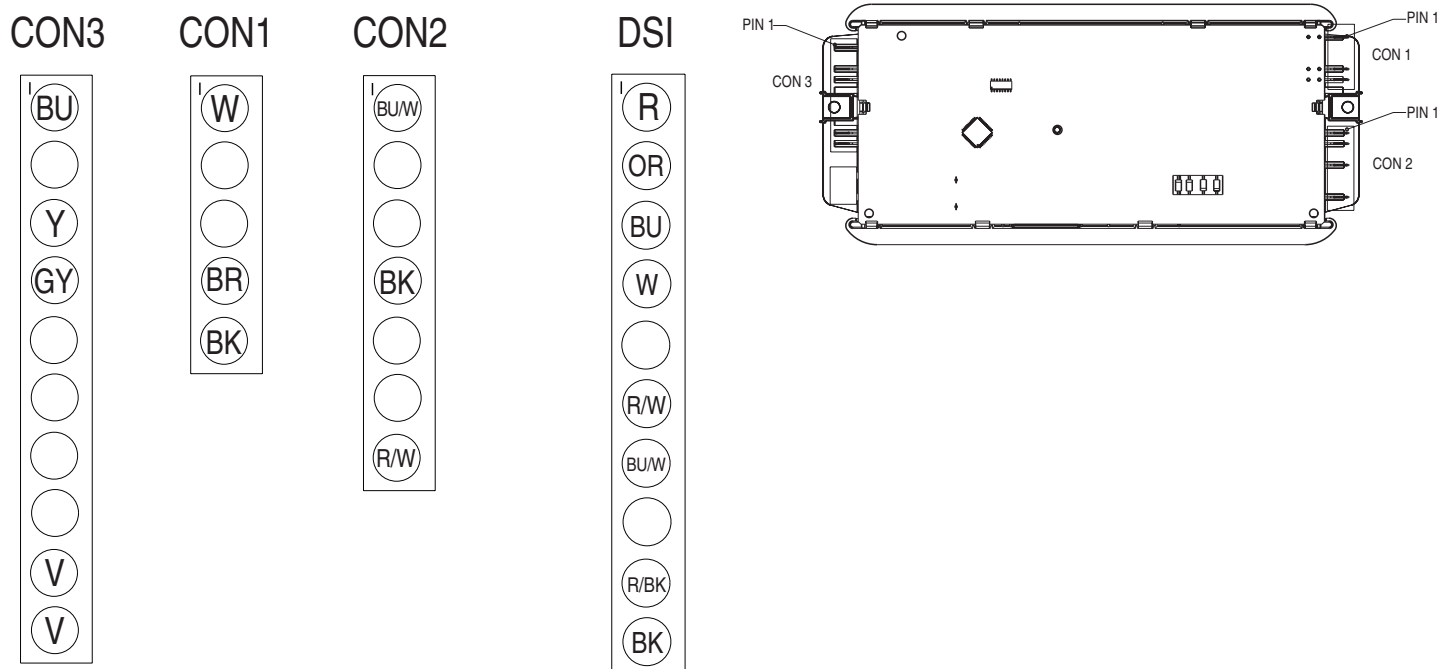
Wiring Information

TS# W10198635

NOTE: Schematic shows door latch switch in the COOK position with oven door open and elements off.



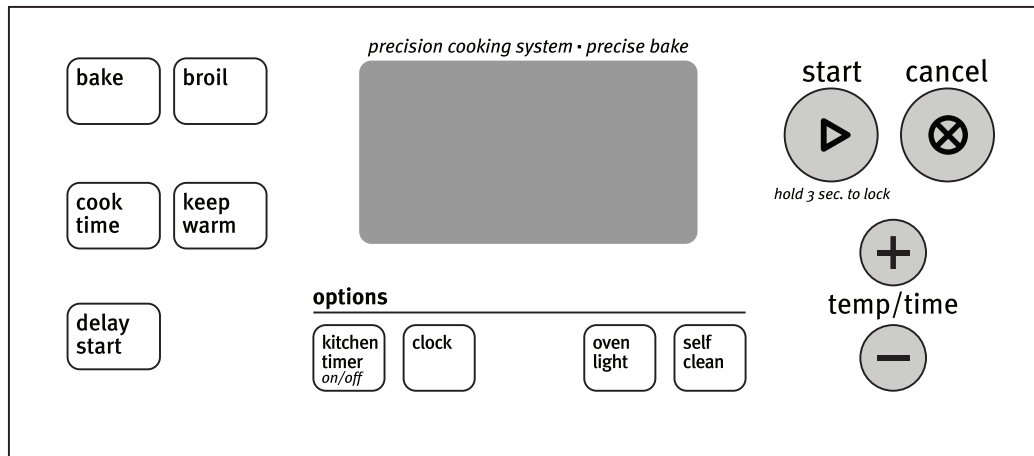
Connectors



NOTES

LCC Control, Self Clean, Gas

LCC190 Control, Self Clean, Gas



Models:

MGR8670WB0
MGR8670WB1
MGR8670WQ0
MGR8670WQ1
MGR8670WS0
MGR8670WS1
MGR8670WW0
MGR8670WW1

Temperature Adjustment

Press BAKE for 5 seconds.	Previous Offset shown, or U-00 is displayed.
Press TEMP/TIME "+" or "-".	Adjusts temperature in 10° F (5° C) increments between -30°F and +30°F.
Press START.	Bake and Broil Temperatures are offset automatically to the same degree. If START is not pressed within 1 minute, adjustment is ignored.

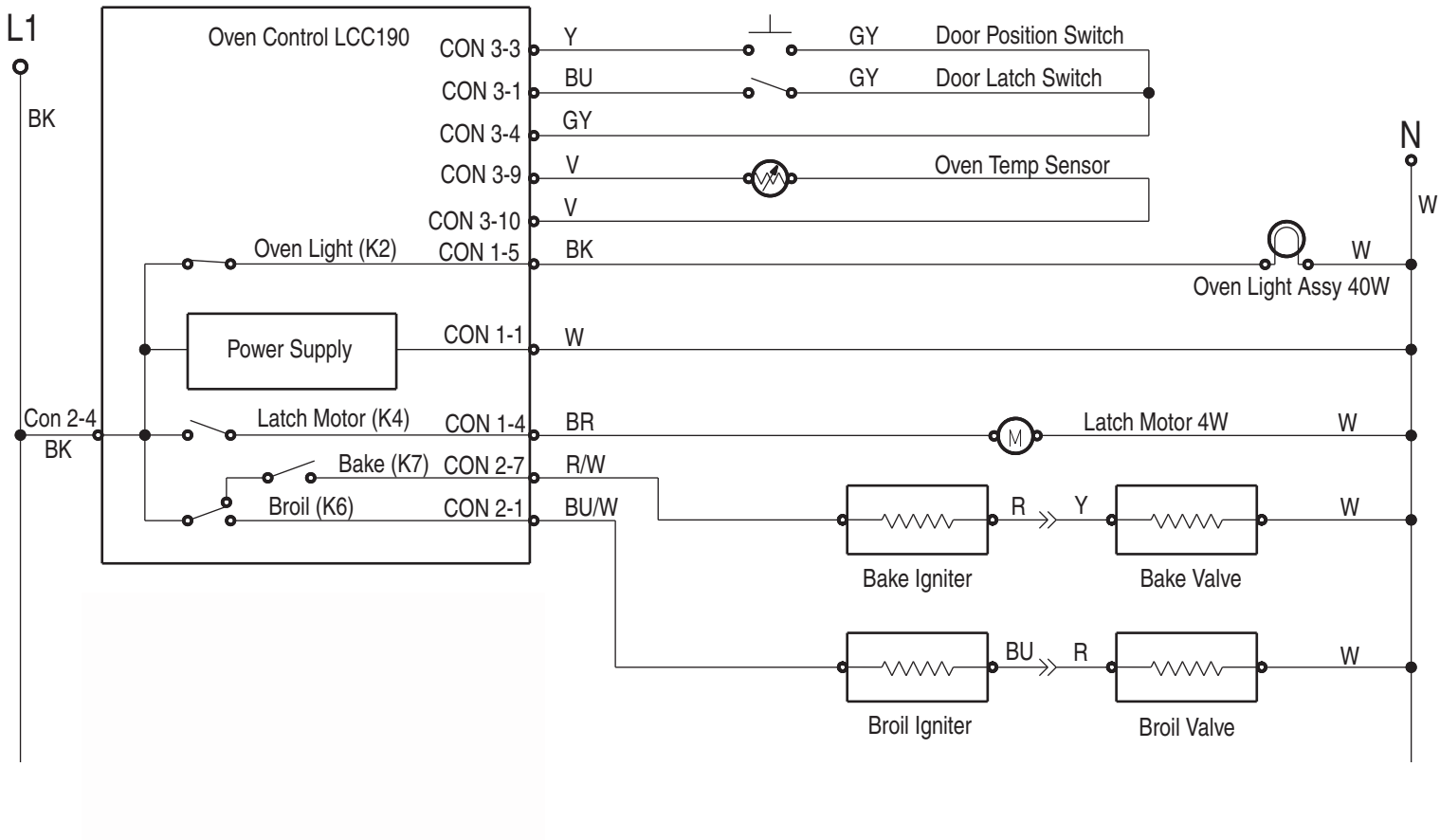
Diagnostic Mode

Action	Display
Press CANCEL/CANCEL/START.	"tEst" (You are in the test mode)
Press TEMP/TIME "+" key.	###°F or °C (Oven Sensor Temperature)
Press "+" again	-30°F to +30°F (Oven Offset Temperature)
"+" again	### (Control Software Version)
"+" again	### (Control Memory Checksum)
"+" again will display 1 of the 3	"GOOd" (Good Control) F# *(Error Code - See Tech Sheet for Repair) ## (Hours of operation at error code)
"+" again	#### (Total hours of oven operation)
"+" again	"00" (Door Open) or "01" (Door Closed)
*Press "DELAY START" to clear all fault codes	
When checking for fault codes and "GOOd" is displayed, do not replace the control.	

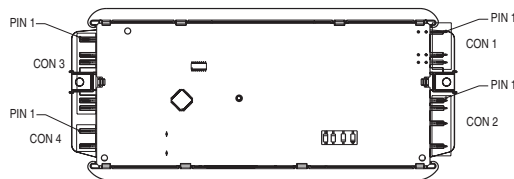
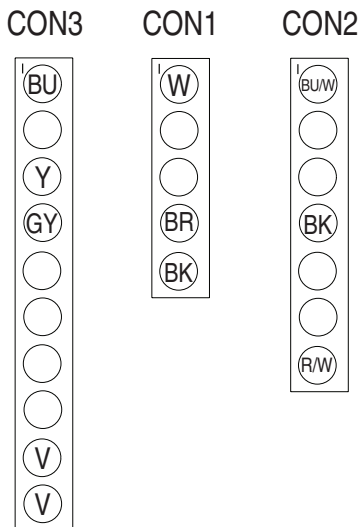
Wiring Information

TS# W10239472

NOTE: Schematic shows door latch switch in the COOK position with oven door open and elements off.

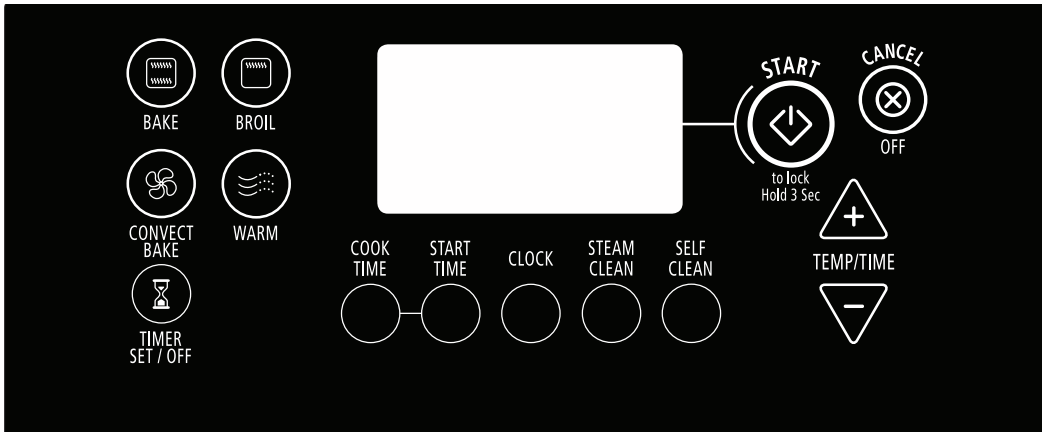


Connectors



LCC Control, Self Clean, Convection, Electric

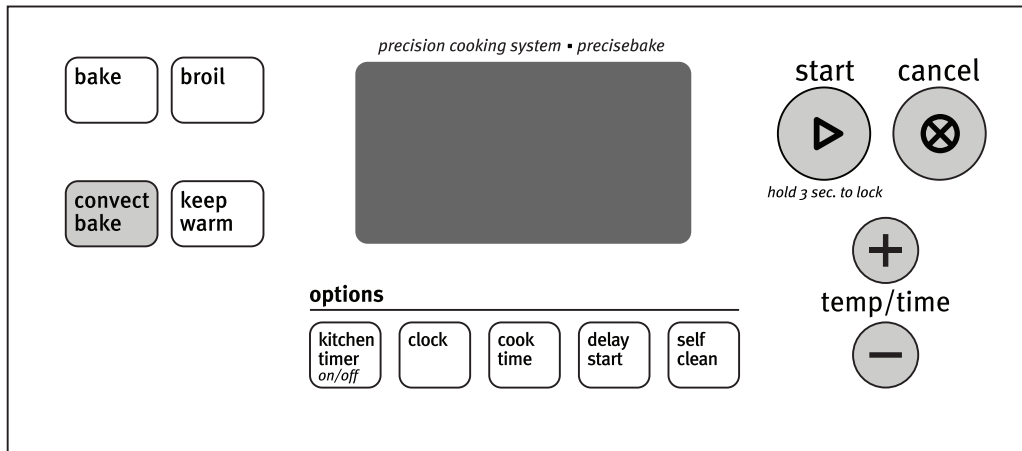
LCC190 Control, Self Clean, Convection, Steam Clean, Electric



Models:

WFE381LVB0
WFE381LVQ0
WFE381LVS0
YWFE381LVB0
YWFE381LVQ0
YWFE381LVS0

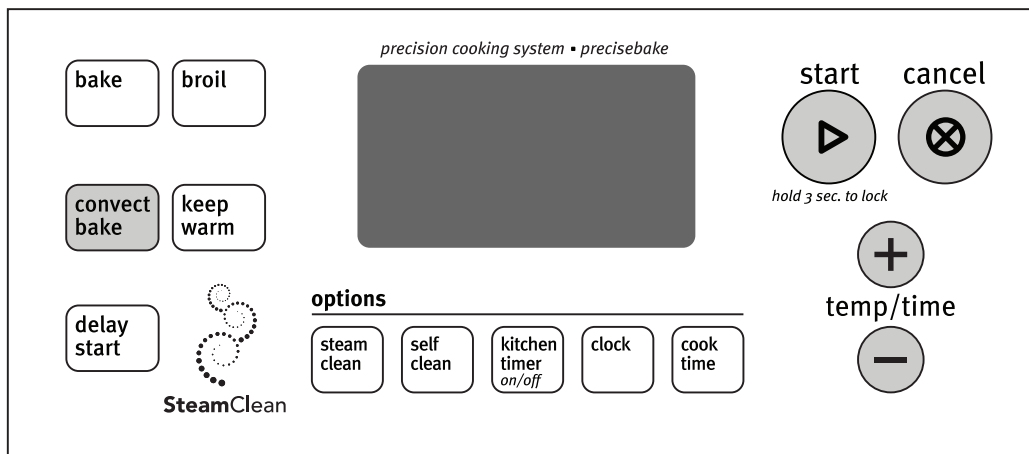
LCC190 Control, Self Clean, Convection, Electric



Models:

MER7765WB0
MER7765WB1
MER7765WS0
MER7765WS1
MER7765WW0
MER7765WW1
YMER7765WB0
YMER7765WB1
YMER7765WS0
YMER7765WS1
YMER7765WW0
YMER7765WW1

LCC190 Control, Self Clean, Convection, Steam Clean Electric

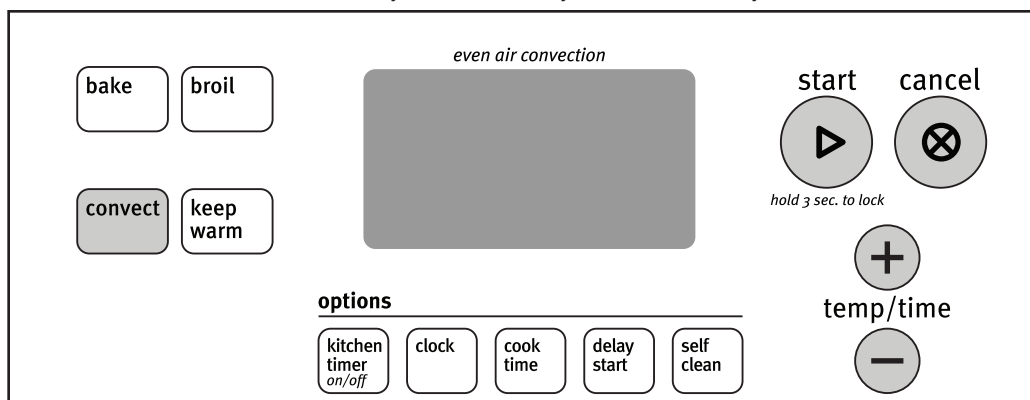


Models:

MER7775WB0
MER7775WB1
MER7775WS0
MER7775WS1
MER7775WW0
MER7775WW1

LCC Control, Self Clean, Convection, Electric (continued)

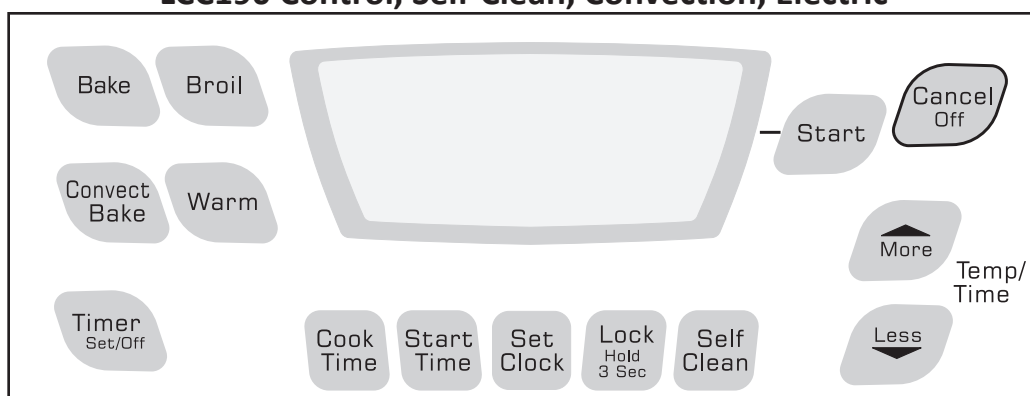
LCC190 Control, Self Clean, Convection, Electric



Models:

MER8770WB0
MER8770WQ0
MER8770WS0
MER8770WW0
YMERH770WB0
YMERH770WB1
YMERH770WS0
YMERH770WS1
YMERH770WW0
YMERH770WW1

LCC190 Control, Self-Clean, Convection, Electric



Models:

AER6011VAB0
AER6011VAS0
AER6011VAW0

Temperature Adjustment

Press BAKE for 5 seconds.	Previous Offset shown, or U-00 is displayed.
Press TEMP/TIME "+" or "-".	Adjusts temperature in 10° F (5° C) increments between -30°F and +30°F.
Press START.	Bake and Broil Temperatures are offset automatically to the same degree. If START is not pressed within 1 minute, adjustment is ignored.

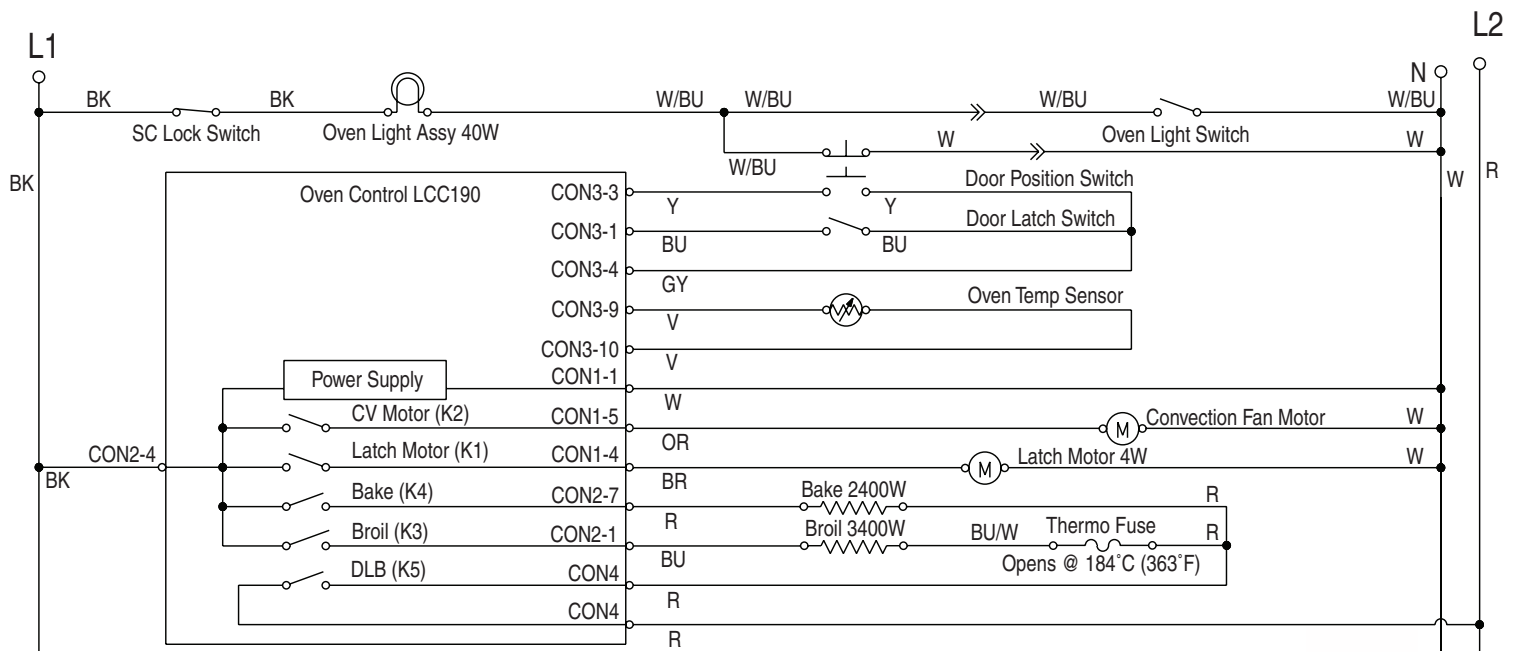
Diagnostic Mode

Action	Display
Press CANCEL/CANCEL/START.	"tEst" (You are in the test mode)
Press TEMP/TIME "+" key.	###°F or °C (Oven Sensor Temperature)
Press "+" again	-30°F to +30°F (Oven Offset Temperature)
"+" again	### (Control Software Version)
"+" again	### (Control Memory Checksum)
"+" again will display 1 of the 3	"GOOd" (Good Control)
"+" again	F# *(Error Code - See Tech Sheet for Repair)
"+" again	## (Hours of operation at error code)
"+" again	#### (Total hours of oven operation)
"+" again	"00" (Door Open) or "01" (Door Closed)
*Press "START TIME" or "DELAY START" to clear all fault codes	
When checking for fault codes and "GOOd" is displayed, do not replace the control.	

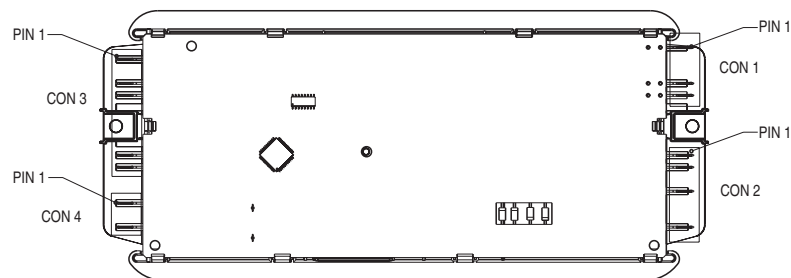
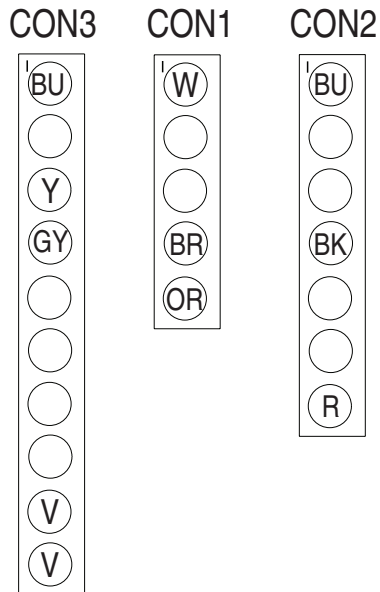
Wiring Information

TS# W10198584

NOTE: Schematic shows door latch switch in the COOK position with oven door open and elements off.



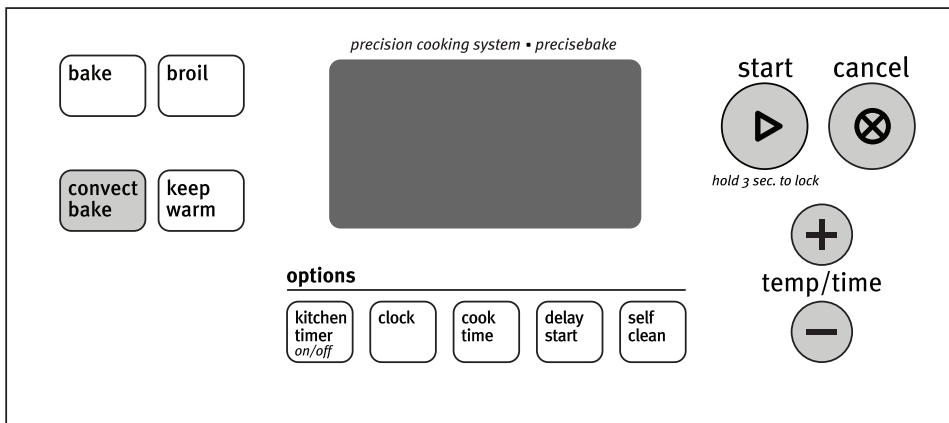
Connectors



NOTES

LCC Self Clean, Convection, Gas

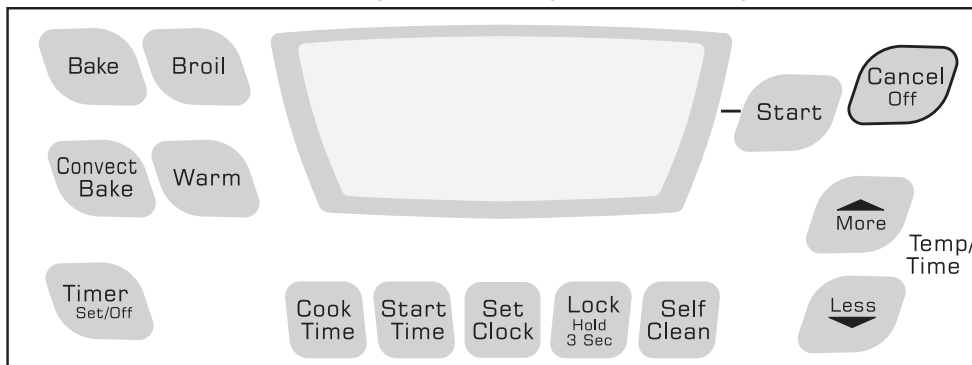
LCC190 Control, Self Clean, Convection, Gas



Models:

MGR7775WB0
MGR7775WB1
MGR7775WS0
MGR7775WS1
MGR7775WW0
MGR7775WW1

LCC190 Control, Self-Clean, Convection, Gas



Models:

AGR6011VDB0
AGR6011VDB1
AGR6011VDS0
AGR6011VDS1
AGR6011VDW0
AGR6011VDW1

Temperature Adjustment

Press BAKE for 5 seconds.	Previous Offset shown, or U-00 is displayed.
Press TEMP/TIME "+" or "-".	Adjusts temperature in 10° F (5° C) increments between -30°F and +30°F.
Press START.	Bake and Broil Temperatures are offset automatically to the same degree. If START is not pressed within 1 minute, adjustment is ignored.

Diagnostic Mode

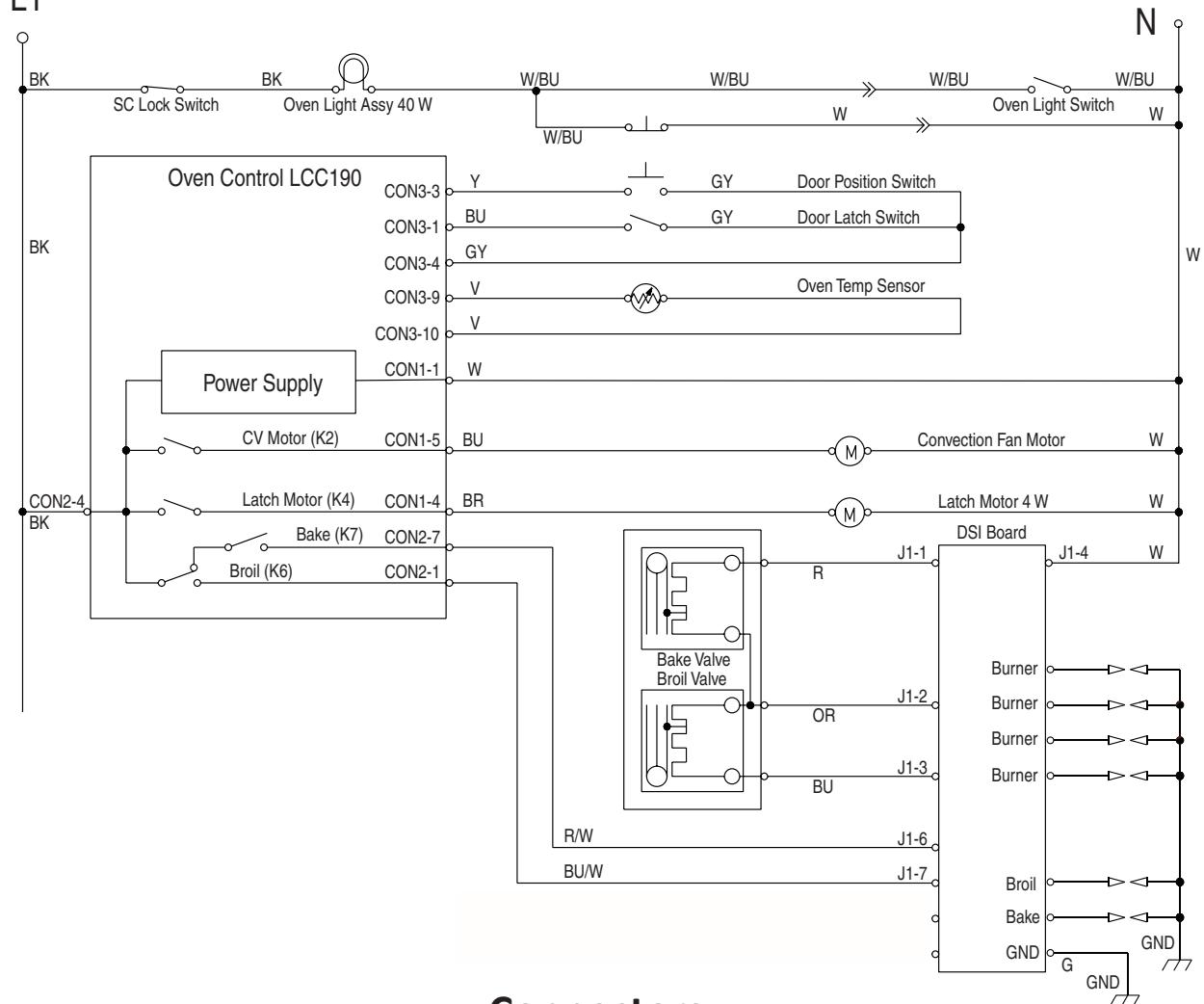
Action	Display
Press CANCEL/CANCEL/START.	"tEst" (You are in the test mode)
Press TEMP/TIME "+" key.	###°F or °C (Oven Sensor Temperature)
Press "+" again	-30°F to +30°F (Oven Offset Temperature)
"+" again	### (Control Software Version)
"+" again	### (Control Memory Checksum)
"+" again will display 1 of the 3	"GOOd" (Good Control) F# *(Error Code - See Tech Sheet for Repair) ## (Hours of operation at error code)
"+" again	#### (Total hours of oven operation)
"+" again	"00" (Door Open) or "01" (Door Closed)
*Press "START TIME" or "DELAY START" to clear all fault codes	
When checking for fault codes and "GOOd" is displayed, do not replace the control.	

Wiring Information

TS# W10198636

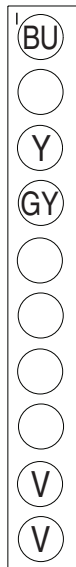
L1

NOTE: Schematic shows door latch switch in the COOK position with oven door open and elements off.

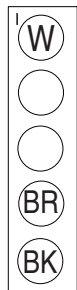


Connectors

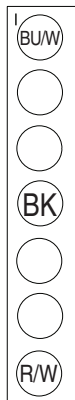
CON3



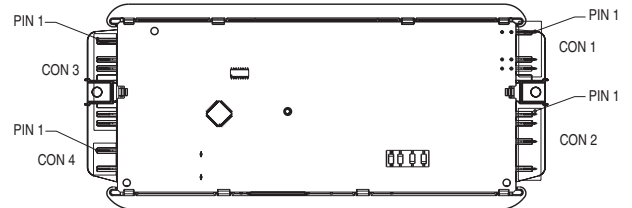
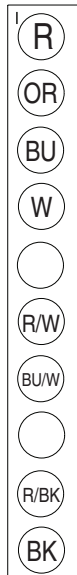
CON1



CON2



DSI



LCC Fault Code Procedure

⚠ DANGER



Electrical Shock Hazard

Only authorized technicians should perform diagnostic voltage measurements, disconnect power before servicing. Failure to follow these instructions can result in death or electrical shock.

⚠ WARNING



Electrical Shock Hazard

Disconnect power before servicing. Replace all parts and panels before operating. Failure to do so can result in death or electrical shock.

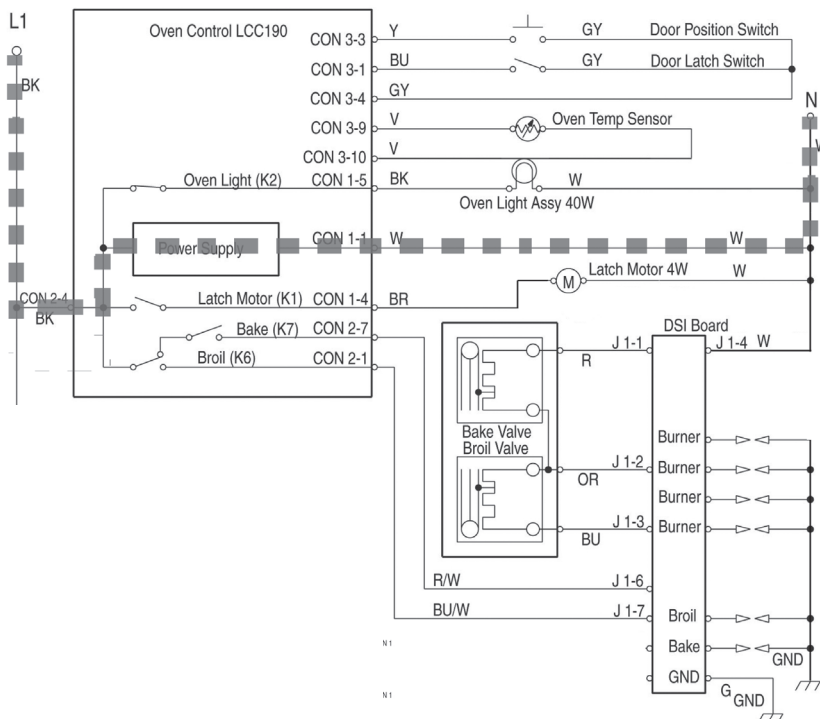
Voltage Measurement Safety Information

When performing live voltage measurements, you must do the following:

- Verify the controls are in the off position so that the appliance does not start when energized.
- Allow enough space to perform the voltage measurements without obstructions.
- Keep other people a safe distance away from the appliance to prevent potential injury.
- Always use the proper testing equipment.
- After voltage measurements, always disconnect power before servicing.

CLr/Good - Control is good do not replace

No Display - Control Blank



- Verify voltage at power supply.
- Verify voltage between control board and terminal block by completing the following steps:
 1. Unplug range or disconnect power.
 2. Connect voltage measurement equipment to control board and terminal block.
 3. Plug in range or reconnect power and confirm voltage reading.
 4. Unplug range or disconnect power.
- Verify voltage between CON 2-4 and CON 1-1 by completing the following steps:
 1. Unplug range or disconnect power.
 2. Connect voltage measurement equipment to CON 2-4 and CON 1-1.
 3. Plug in range or reconnect power and confirm voltage reading.
- If voltage checks are good, unplug range or disconnect power and replace control panel.

LCC Fault Code Procedure (continued)

All F1 E* Codes (Control)

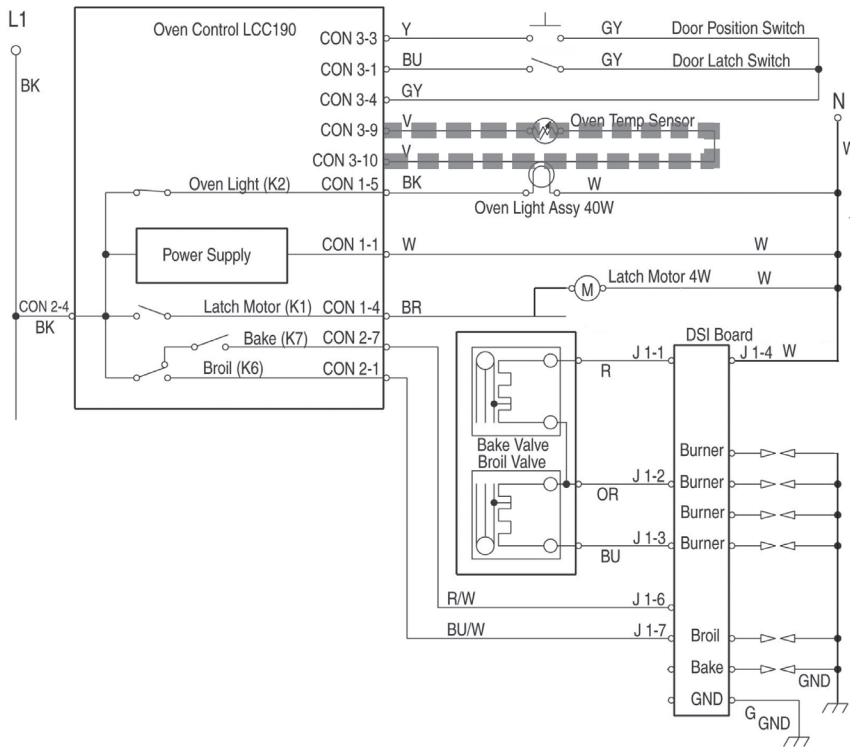
- Run Diagnostic Mode and verify fault code
- Unplug range or disconnect power.
- Replace Control

F2 Fault Code (Stuck Key on Control)

- Run Diagnostic Mode and verify fault code
- Unplug range or disconnect power.
- Replace Control

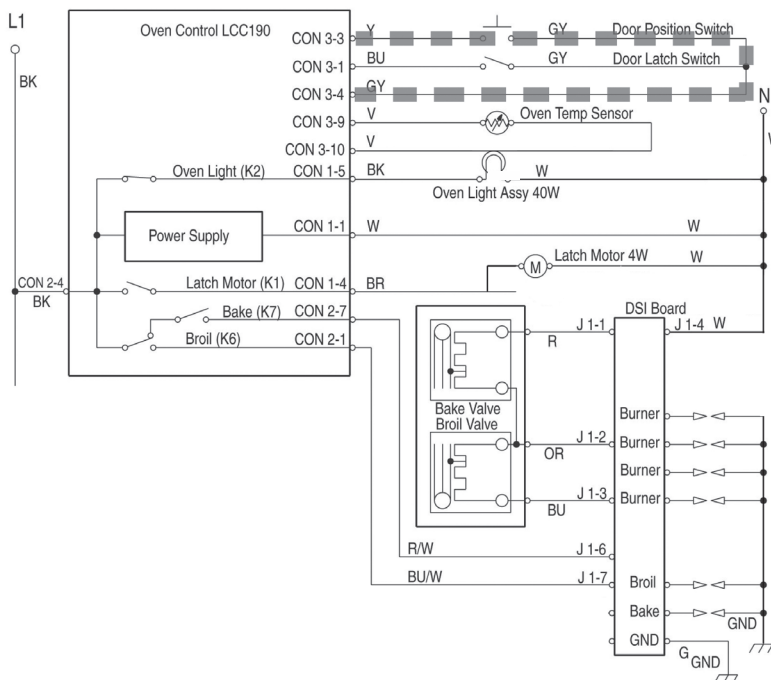
All F3 E* (Sensor)

- Run Diagnostic Mode and verify fault code
- Unplug range or disconnect power.
- Check Sensor for 1000-1200 Ω at CON3-9 to CON3-10
- Check Sensor for short to ground
- If checks are not correct - Replace Sensor



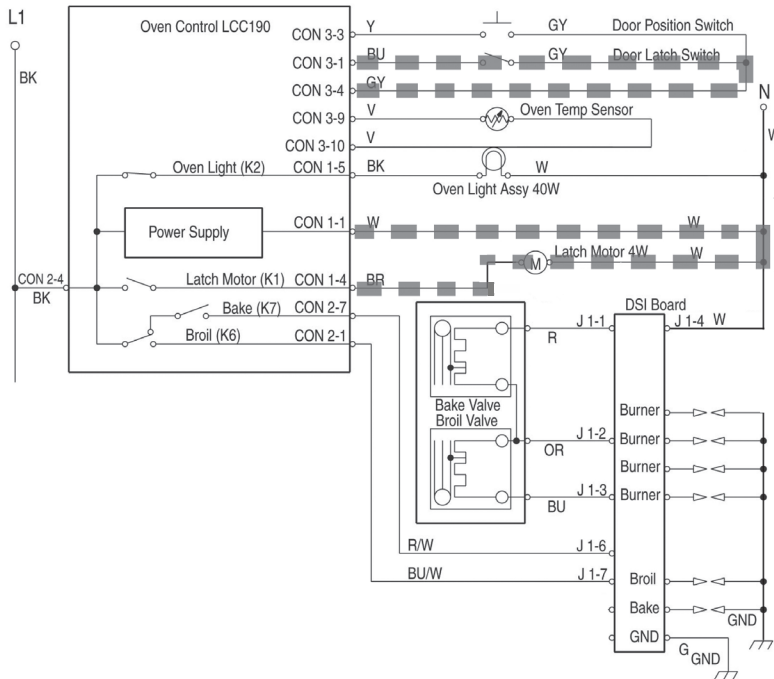
F5 E0 F5 E2 (Door Switch)

- Run Diagnostic Mode and verify fault code
- Unplug range or disconnect power.
- Check door switch for continuity with door open and door closed at CON3-4 to CON3-3
Door Open - Infinite Resistance
Door Closed - 0 resistance
- If checks are not correct - Replace Door Switch



LCC Fault Code Procedure (continued)

F5 E1 (Door Latch Switch)

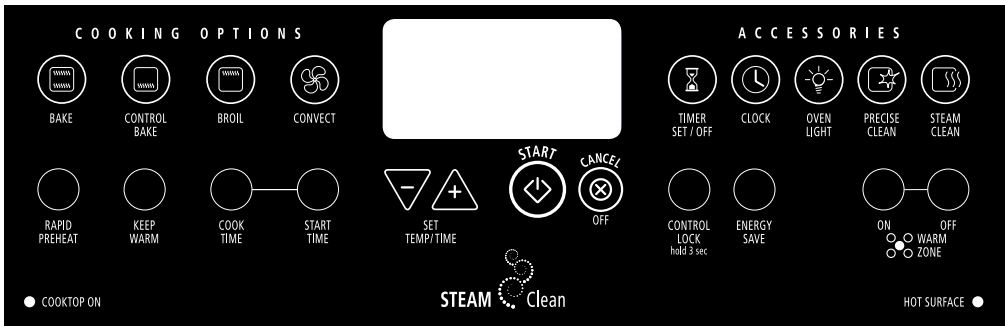


- Run Diagnostic Mode and verify fault code
- While in Diagnostic Mode - Start Clean cycle, to verify door does latch.
- Unplug range or disconnect power. If door did not latch - check for continuity at CON3-4 to CON3-1
- If no continuity - check for 500-3000Ω resistance at CON1-4 to CON1-1
- If resistance check fails - replace Latch motor.
- If resistance check is good, check door (slot) and latching rod alignment.
- If door alignment is good -
- Replace Door Latch Switch

NOTES

MRC Convection, Electric

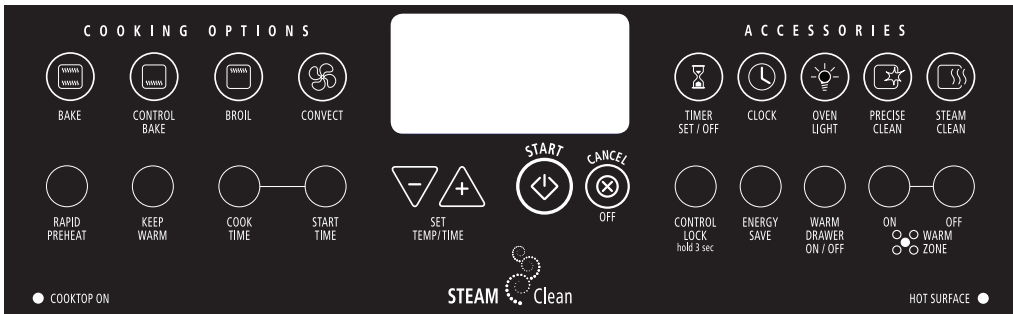
MRC Control, True Convection, Steam Clean, Electric



Models:

GFE461LVB0
GFE461LVQ0
GFE461LVS0
GFE461LVT0
YGFE461LVB0
YGFE461LVQ0
YGFE461LVS0

MRC Control, True Convection, Warming Drawer, Steam Clean, Electric



Models:

GFE471LVB0
GFE471LVQ0
GFE471LVS0
YGFE471LVB0
YGFE471LVQ0
YGFE471LVS0

Temperature Adjustment

1. Press "BAKE" for 5 seconds.	Previous Offset shown, or U-00 is displayed.
2. Press TEMP/TIME "+" or "-".	Adjusts temperature in 5°F (3°C) increments between -30°F (-18°C) and +30°F (+18°C). Bake and Broil Temperatures are offset automatically to the same degree.
3. Press START.	If START is not pressed within 1 minute, adjustment is ignored.

Diagnostic Mode

Action	Display
1. Press CANCEL/CANCEL/START	"TEST ON" ##°F "UO" (In the test mode)
2. Press the TEMP/TIME "+" key	"USAGE" (Displays hours of Operation)
Press "+" again	"ENG MODE" (Manufacturing Information)
"+" again	"TEST MODE" (Manual check of Control relays)
"+" again	"VERSION" (Manufacturing Information)
"+" again	"DISPLAY" (Checks all LEDs in Display)
"+" again	"CONTROL RESET" (Resets Control settings)
"+" again	"FAULTS" *(Displays all Fault Codes)
"+" again	"AUTO TEST" (Performs a complete check of the OVEN, automatically)

When in the Diagnostic mode, instructions will be provided by the control to help you through each of the programs. Press Cancel to exit the test at any time.

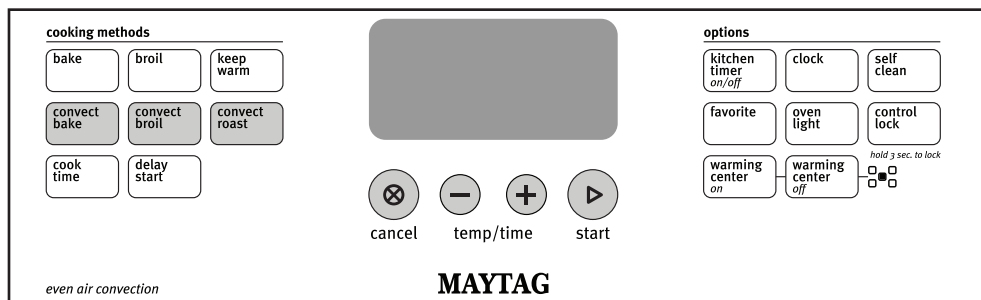
The "AUTO TEST" program will automatically test all the oven circuits. This test is very easy to use and when the test is complete, test results will be provided. Whenever servicing the oven, this is the test to run.

*Press "START TIME" to clear all fault codes

When checking for fault codes and "NO FAULTS" is displayed, do not change the control.

MRC Convection, Electric (continued)

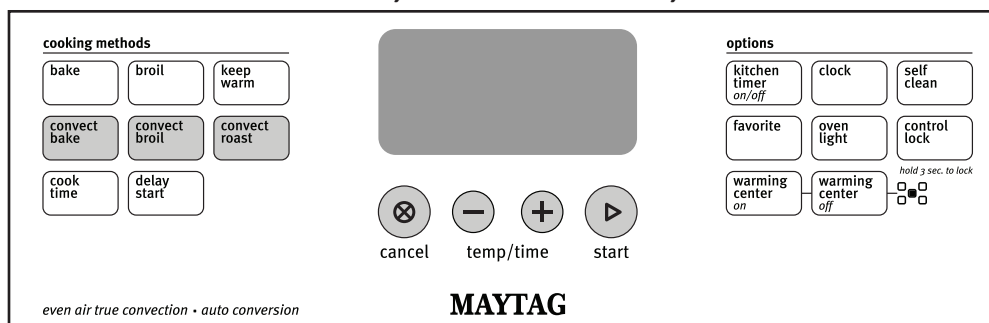
MRC Control, Fan Convection, Electric



Models:

MER8772WB0 YMER8772WS1
 MER8772WB1 YMER8772WW0
 MER8772WS0 YMER8772WW1
 MER8772WS1 YMERH770WB0
 MER8772WW0 YMERH770WB1
 MER8772WW1 YMERH770WS0
 YMER8772WB0 YMERH770WS1
 YMER8772WB1 YMERH770WW0
 YMER8772WS0 YMERH770WW1

MRC Control, True Convection, Electric



Models:

MER8875WB0 YMER8875WB0
 MER8875WB1 YMER8875WB1
 MER8875WS0 YMER8875WS0
 MER8875WS1 YMER8875WS1
 MER8875WW0 YMER8875WW0
 MER8875WW1 YMER8875WW1

Temperature Adjustment

Press "OVEN LIGHT" for 5 seconds.	Previous Offset shown, or U-00 is displayed.
Press TEMP/TIME "+" or "-".	Adjusts temperature in 5°F (3°C) increments between -30°F (-18°C) and +30°F (+18°C). Bake and Broil Temperatures are offset automatically to the same degree.
Press START.	If START is not pressed within 1 minute, adjustment is ignored.

Diagnostic Mode

Action	Display
1. Press CANCEL/CANCEL/START	"TEST ON" ##°F "UO" (In the test mode)
2. Press the TEMP/TIME "+" key	"USAGE" (Displays hours of Operation)
Press "+" again	"ENG MODE" (Manufacturing Information)
"+" again	"TEST MODE" (Manual Check of Control relays)
"+" again	"VERSION" (Manufacturing Information)
"+" again	"DISPLAY" (Checks all LEDs in Display)
"+" again	"CONTROL RESET" (Resets Control settings)
"+" again	"FAULTS" *(Displays all Fault Codes)
"+" again	"AUTO TEST" (Performs a complete check of the OVEN, automatically)

When in the Diagnostic mode, instructions will be provided by the control to help you through each of the programs. Press Cancel to exit the test at any time.

The "AUTO TEST" program will automatically test all the oven circuits. This test is very easy to use and when the test is complete, test results will be provided. Whenever servicing the oven, this is the test to run.

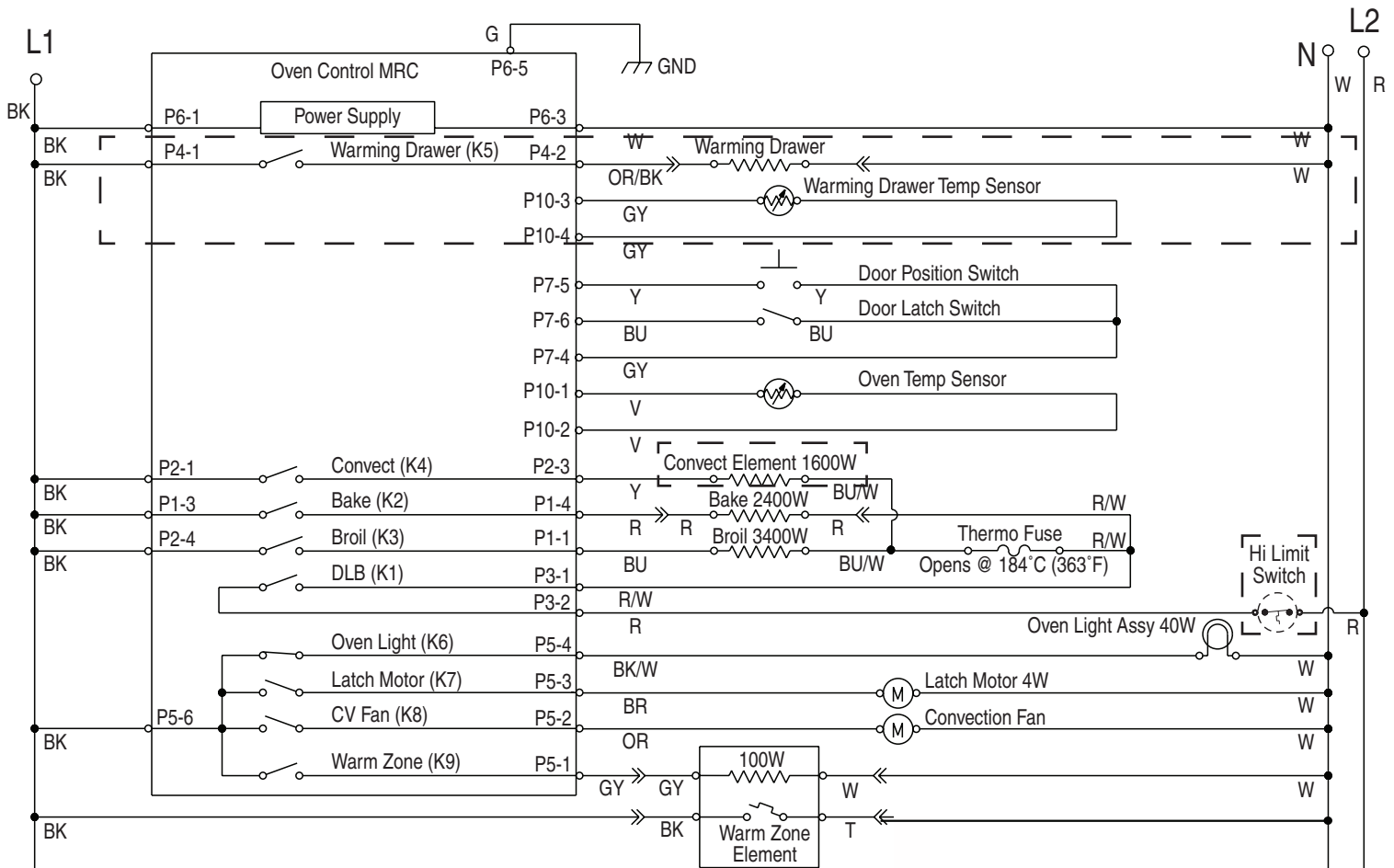
*Press "DELAY START" to clear all fault codes

When checking for fault codes and "NO FAULTS" is displayed, do not change the control.

Wiring Information

TS# W10198586

NOTE: Schematic shows door latch switch in the COOK position with oven door open and elements off.



— — — — — On some models

Connectors

P1 (Blue)

P3 (White)

P5 (Blue)

P10 (Yellow)



P2 (Red)

P4 (Green)

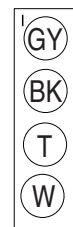
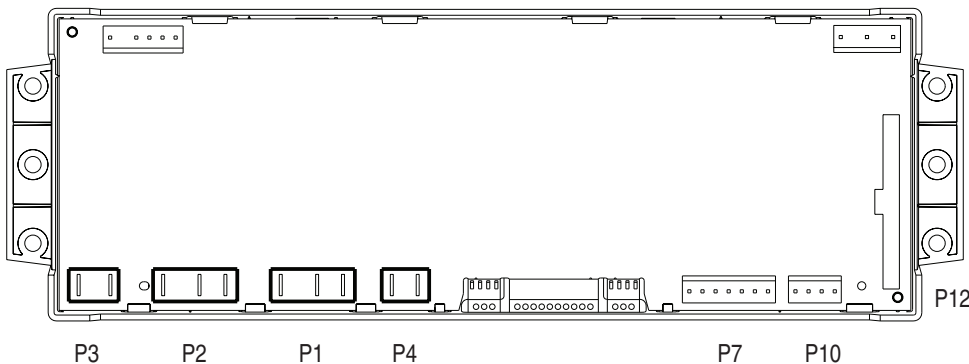
P6 (Red)

P7 (Black)



P5

P6

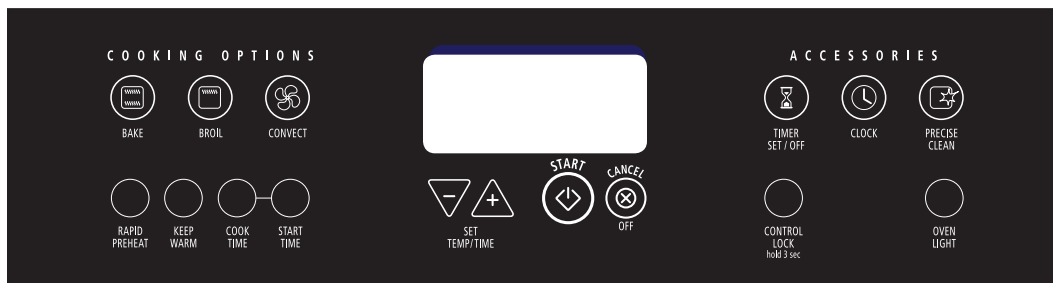


Warm Zone Cooktop

NOTES

MRC Convection, Gas

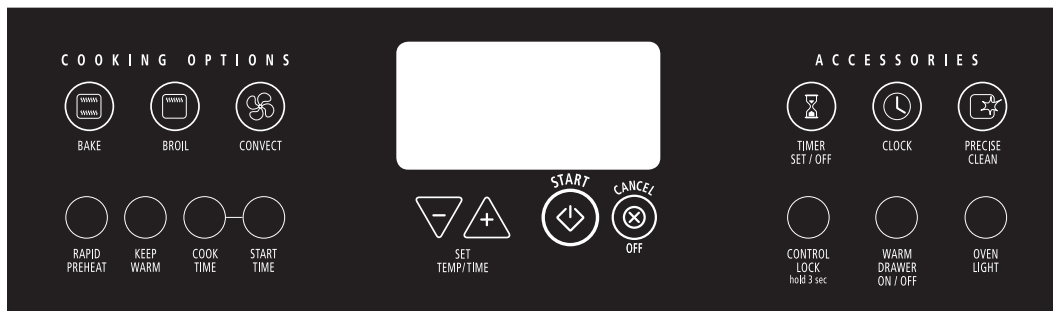
MRC Control, Convection, Gas



Models:

GFG461LVB0 GFG461LVT0
 GFG461LVB1 GFG461LVT1
 GFG461LVB2 GFG461LVT2
 GFG461LVQ0 GFG464LVB0
 GFG461LVQ1 GFG464LVB1
 GFG461LVQ2 GFG464LVQ0
 GFG461LVS0 GFG464LVQ1
 GFG461LVS1 GFG464LVS0
 GFG461LVS2 GFG464LVS1

MRC Control, Convection, Warming Drawer, Gas



Models:

GFG471LVB0
 GFG471LVB1
 GFG471LVQ0
 GFG471LVQ1
 GFG471LVS0
 GFG471LVS1

Temperature Adjustment

1. Press "BAKE" for 5 seconds.	Previous Offset shown, or U-00 is displayed.
2. Press TEMP/TIME "+" or "-".	Adjusts temperature in 5°F (3°C) increments between -30°F (-18°C) and +30°F (+18°C). Bake and Broil Temperatures are offset automatically to the same degree.
3. Press START.	If START is not pressed within 1 minute, adjustment is ignored.

Diagnostic Mode

Action	Display
1. Press CANCEL/CANCEL/START	"TEST ON" ##°F "UO" (In the test mode)
2. Press the TEMP/TIME "+" key	"USAGE" (Displays hours of Operation)
Press "+" again	"ENG MODE" (Manufacturing Information)
"+" again	"TEST MODE" (Manual check of Control relays)
"+" again	"VERSION" (Manufacturing Information)
"+" again	"DISPLAY" (Checks all LEDs in Display)
"+" again	"CONTROL RESET" (Resets Control settings)
"+" again	"FAULTS" *(Displays all Fault Codes)
"+" again	"AUTO TEST" (Performs a complete check of the OVEN, automatically)

When in the Diagnostic mode, instructions will be provided by the control to help you through each of the programs. Press Cancel to exit the test at any time.

The "AUTO TEST" program will automatically test all the oven circuits. This test is very easy to use and when the test is complete, test results will be provided. Whenever servicing the oven, this is the test to run.

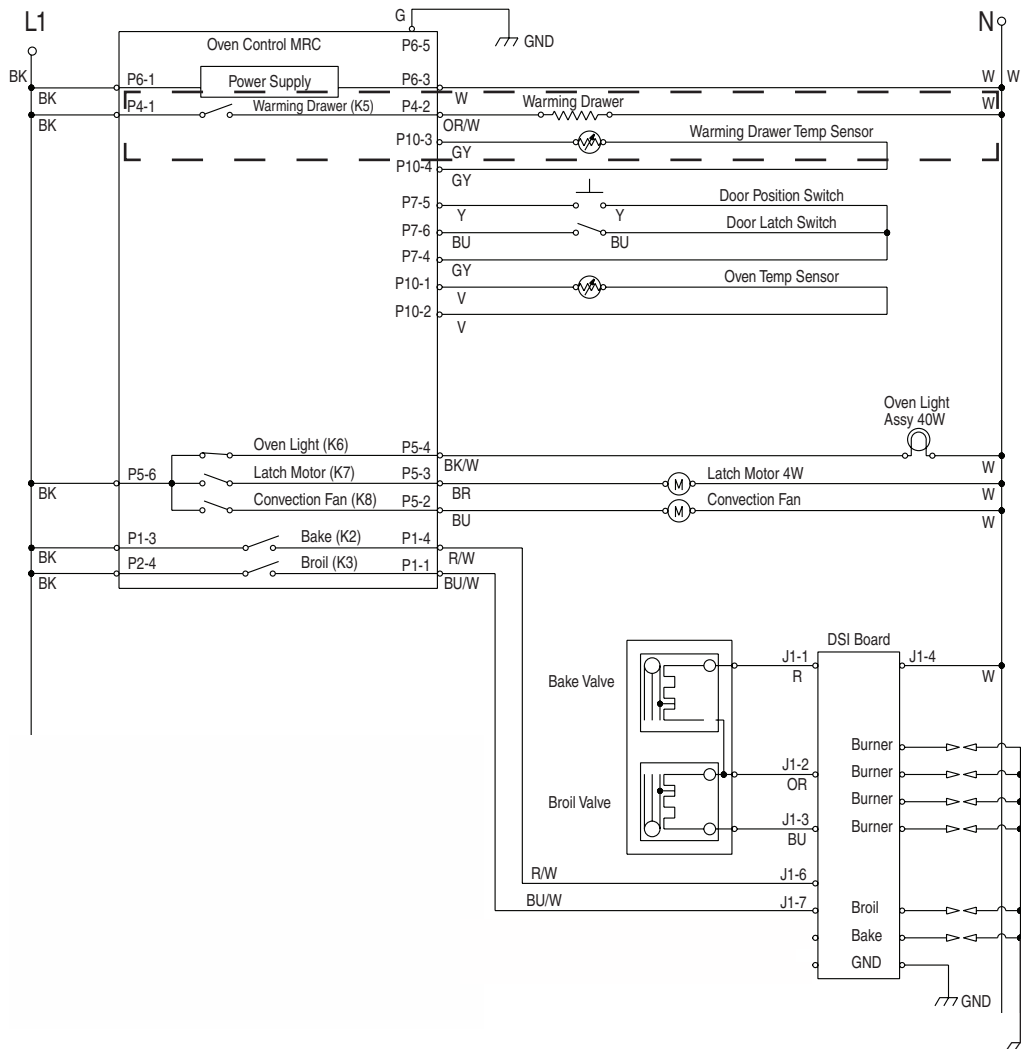
*Press "START TIME" to clear all fault codes

When checking for fault codes and "NO FAULTS" is displayed, do not change the control.

Wiring Information

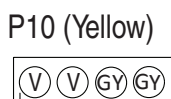
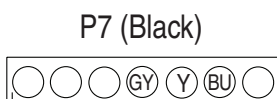
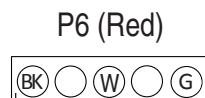
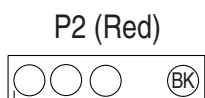
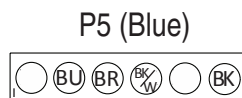
TS# W10208861

NOTE: Schematic shows door latch switch in the COOK position with oven door open and elements off.

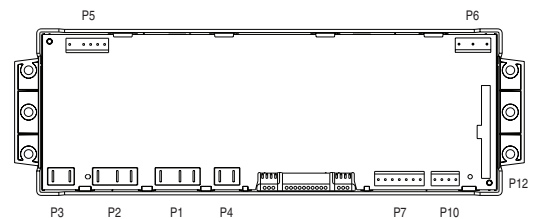


— — — — — On some models

Connectors

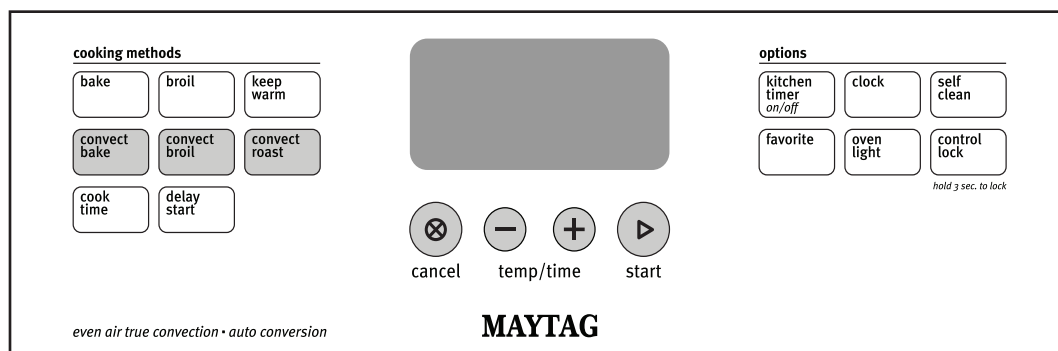


DSI



MRC Convection, Gas (continued)

MRC Control, Convection, Gas



Models:

MGR8772WB0
MGR8772WS0
MGR8772WW0
MGR8875WB0
MGR8875WB1
MGR8875WS0
MGR8875WS1
MGR8875WW0
MGR8875WW1

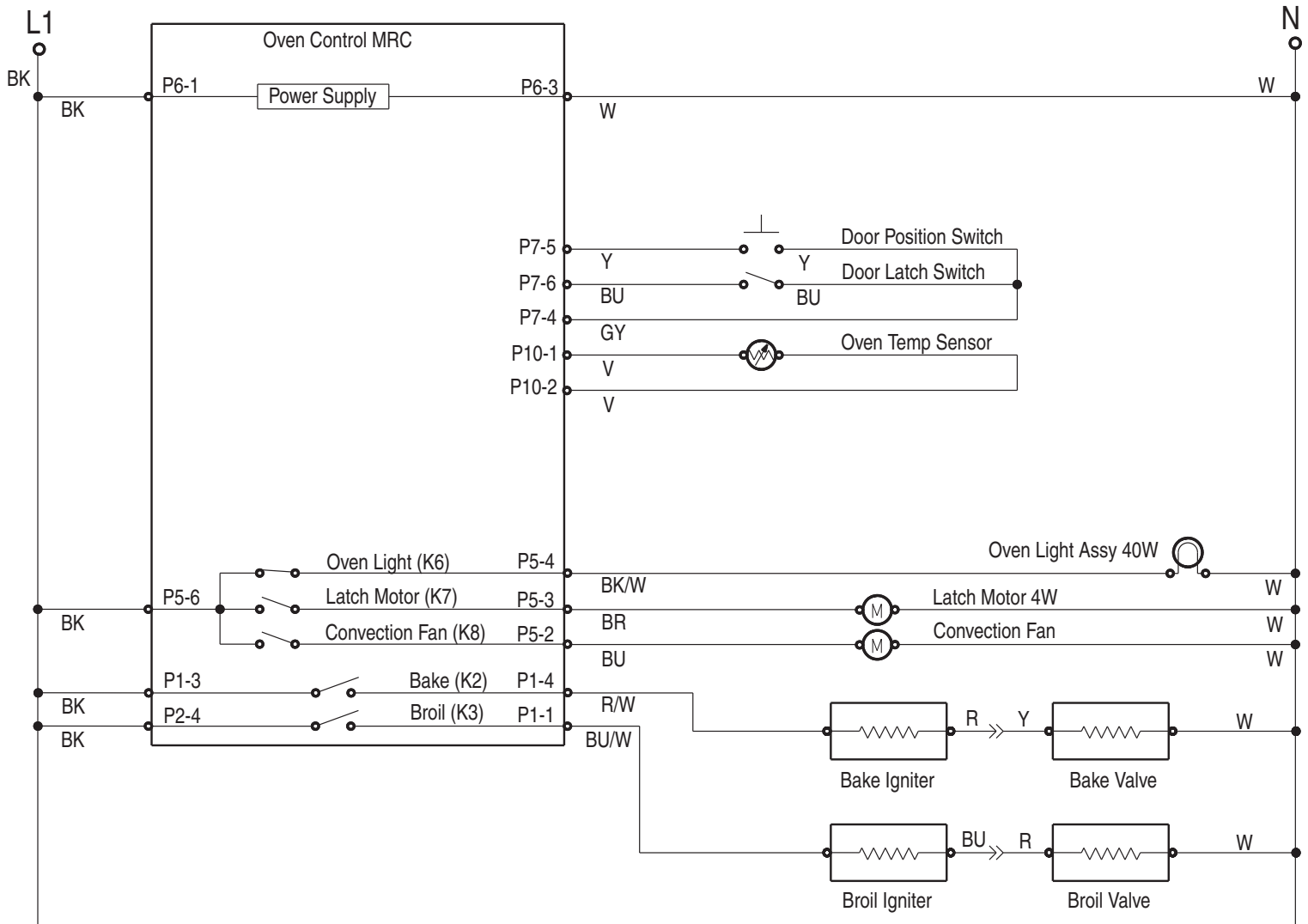
Temperature Adjustment	
Press "OVEN LIGHT" for 5 seconds.	Previous Offset shown, or U-00 is displayed.
Press TEMP/TIME "+" or "-".	Adjusts temperature in 5°F (3°C) increments between -30°F (-18°C) and +30°F (+18°C).
Press START.	Bake and Broil Temperatures are offset automatically to the same degree. If START is not pressed within 1 minute, adjustment is ignored.

Diagnostic Mode	
Action	Display
1. Press CANCEL/CANCEL/START	"TEST ON" ##°F "UO" (In the test mode)
2. Press the TEMP/TIME "+" key	"USAGE" (Displays hours of Operation)
Press "+" again	"ENG MODE" (Manufacturing Information)
"+" again	"TEST MODE" (Manual Check of Control relays)
"+" again	"VERSION" (Manufacturing Information)
"+" again	"DISPLAY" (Checks all LEDs in Display)
"+" again	"CONTROL RESET" (Resets Control settings)
"+" again	"FAULTS" *(Displays all Fault Codes)
"+" again	"AUTO TEST" (Performs a complete check of the OVEN, automatically)
When in the Diagnostic mode, instructions will be provided by the control to help you through each of the programs. Press Cancel to exit the test at any time.	
The "AUTO TEST" program will automatically test all the oven circuits. This test is very easy to use and when the test is complete, test results will be provided. Whenever servicing the oven, this is the test to run.	
*Press "DELAY START" to clear all fault codes	
When checking for fault codes and "NO FAULTS" is displayed, do not change the control.	

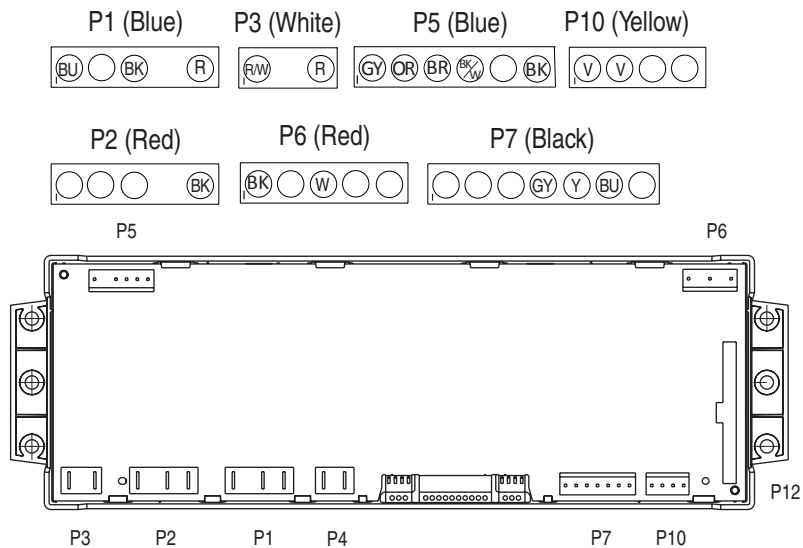
Wiring Information

TS# W10239474

NOTE: Schematic shows door latch switch in the COOK position with oven door open and elements off.



Connectors



MRC Fault Code Procedure

! DANGER



Electrical Shock Hazard

Only authorized technicians should perform diagnostic voltage measurements, disconnect power before servicing. Failure to follow these instructions can result in death or electrical shock.

! WARNING



Electrical Shock Hazard

Disconnect power before servicing. Replace all parts and panels before operating. Failure to do so can result in death or electrical shock.

Voltage Measurement Safety Information

When performing live voltage measurements, you must do the following:

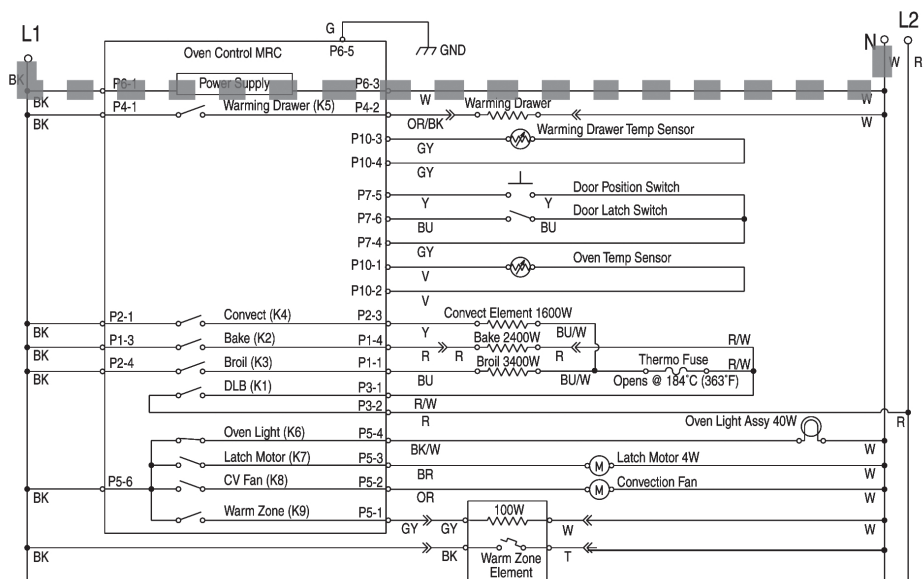
- Verify the controls are in the off position so that the appliance does not start when energized.
- Allow enough space to perform the voltage measurements without obstructions.
- Keep other people a safe distance away from the appliance to prevent potential injury.
- Always use the proper testing equipment.
- After voltage measurements, always disconnect power before servicing.

No Faults - Control is good do not replace

Do Not Replace Control

No Display - Control is blank

- Verify 120VAC between P6-1 to P6-3 by completing the following steps:
 1. Unplug range or disconnect power.
 2. Connect voltage measurement equipment to P6-1 and P6-3.
 3. Plug in range or reconnect power and confirm voltage reading.
 4. Unplug range or disconnect power.
- Check wiring from control board to terminal block.
- Check wiring from terminal block to power supply.



MRC Fault Code Procedure (continued)

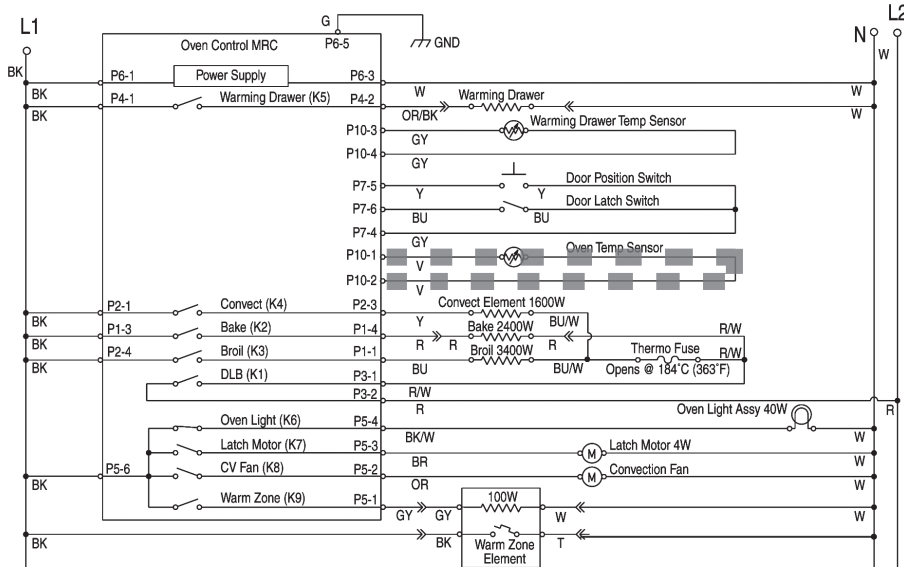
All F1 E* Codes (Control)

- Run Diagnostic Mode and go to "Faults" display
- Verify fault code
- Unplug range or disconnect power.
- Replace Control

F2 Fault Code (Stuck Key on Control)

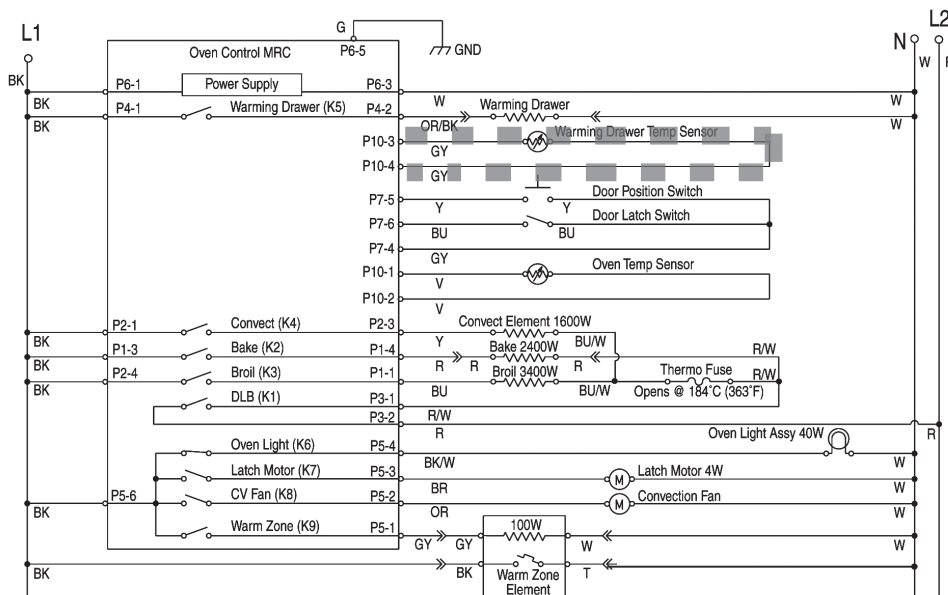
- Run Diagnostic Mode and go to "Faults" display
- Verify fault code
- Unplug range or disconnect power.
- Check Ribbon Connector on Control
- If connector is good Replace Control

F3 E0 (Sensor)



- Run Diagnostic Mode and go to "Faults" display
- Verify fault code
- Unplug range or disconnect power.
- Check Sensor for 1000-1200 Ω at P10-1 to P10-2
- Check Sensor for short to ground
- If checks are not correct - Replace Sensor

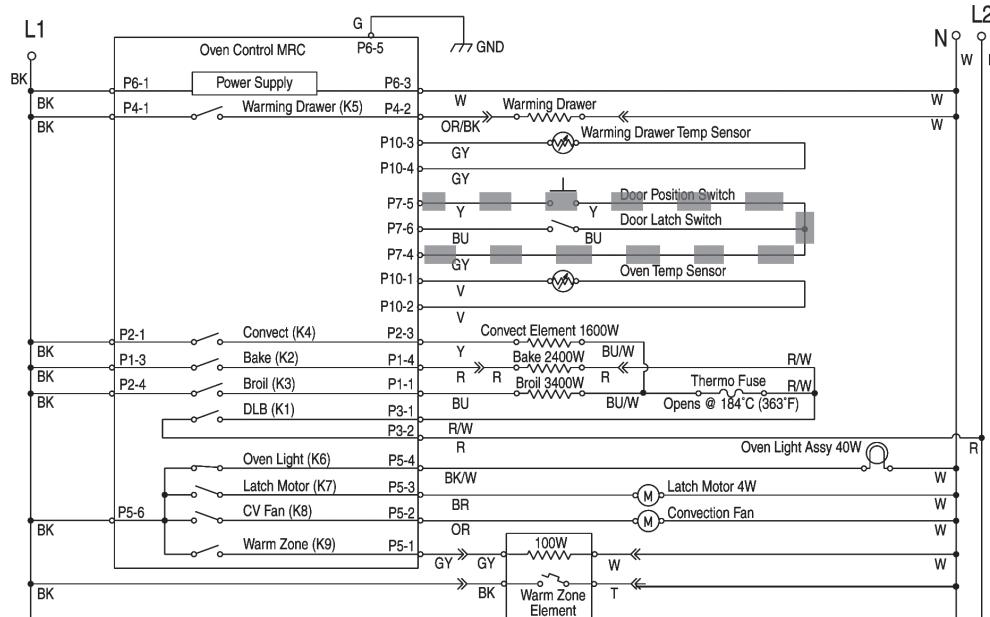
F3 E2 (Warming Drawer Sensor)



- Run Diagnostic Mode and go to "Faults" display
- Verify fault code
- Unplug range or disconnect power.
- Check Sensor for 1000-1200 Ω at P10-3 to P10-4
- Check Sensor for short to ground
- If checks are not correct - Replace Sensor

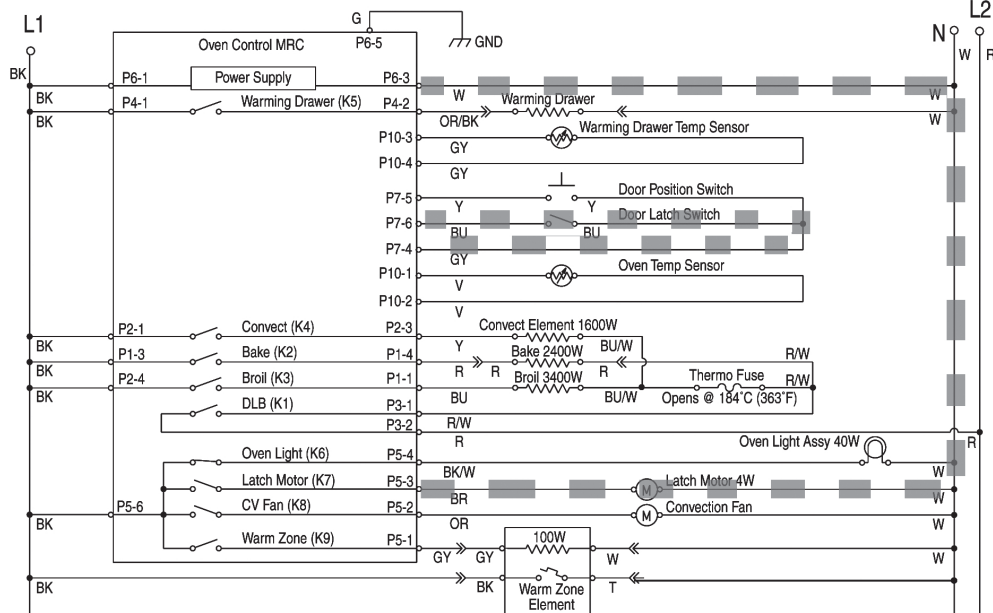
MRC Fault Code Procedure (continued)

F5 E0 (Door Switch)



- Run Diagnostic Mode and go to “Faults” display
- Verify fault code
- Unplug range or disconnect power.
- Check for continuity with door open and door closed at P7-4 to P7-5
- Door Open - Infinite Resistance
- Door Closed - Zero Resistance
- If checks are not correct, Replace Door Switch

F5 E1 (Door Latch System)



- Run Diagnostic Mode and go to "Faults" display
Verify fault code
- While in Diagnostic Mode - Start Clean cycle, to verify door does latch.
- Unplug range or disconnect power.
- If door did not latch check for continuity at P7-4 to P7-6 if no continuity - check for 500-3000Ω resistance at P5-3 to P6-3
If resistance check fails replace Latch motor.
- If resistance check is good, check door (slot) and latching rod alignment.
- If door alignment is good - Replace Door Latch Switch

MRC Fault Code Procedure (continued)

All F6 E* (Control Communication)

- Run Diagnostic Mode and verify fault code
- Unplug range or disconnect power.
- Replace Control

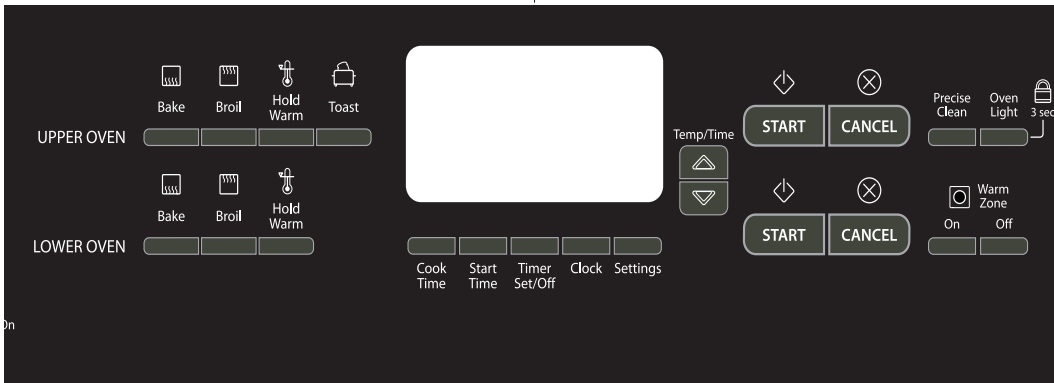
All F9 Fault Codes (House Miswired)

- Run Diagnostic Mode and verify fault code
- Unplug range or disconnect power.
- Check House power supply and verify 240VAC is available at the wall outlet.

Notes

MRC II Double Oven, Electric

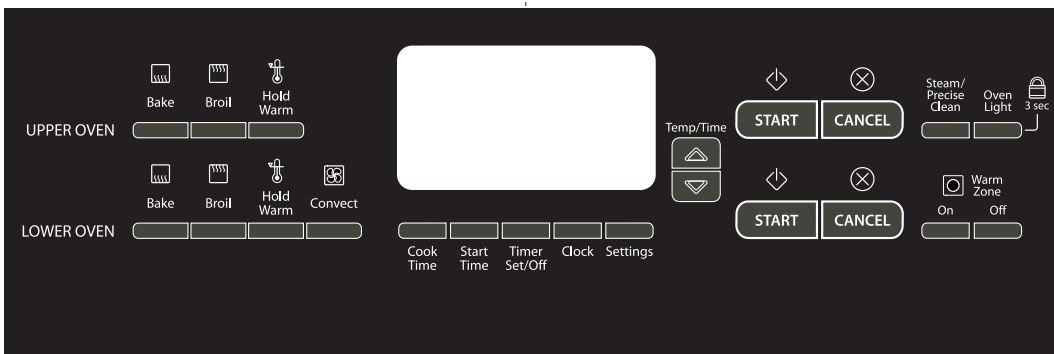
MRC II Control, Double Oven, Warming Zone, Electric



Models:

GGE388LXB00
GGE388LXQ00
GGE388LXS00

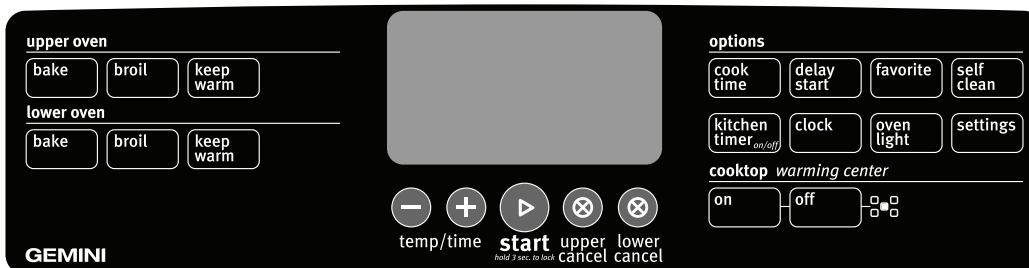
MRC II Control, Double Oven, True Convection (Lower) Warming Zone, Electric



Models:

GGE390LXB00
GGE390LXQ00
GGE390LXS00

MRC II Control, Double Oven, Warming Zone, Electric



Models:

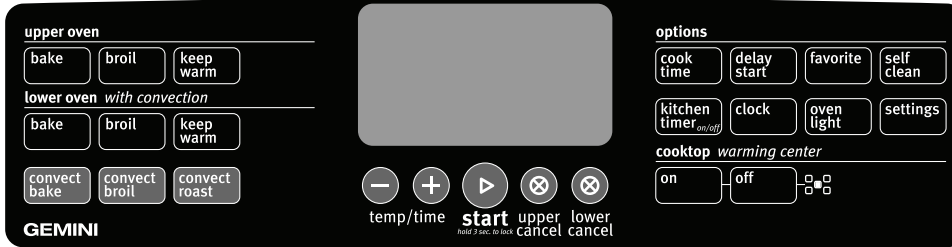
MET8665XB00
MET8665XS00
MET8665XW00
YMET8665XB00
YMET8665XS00
YMET8665XW00

MAYTAG

MRC II Double Oven, Electric (continued)

MRC II Control, Double Oven, Fan Convection (Lower)

Warming Zone, Electric



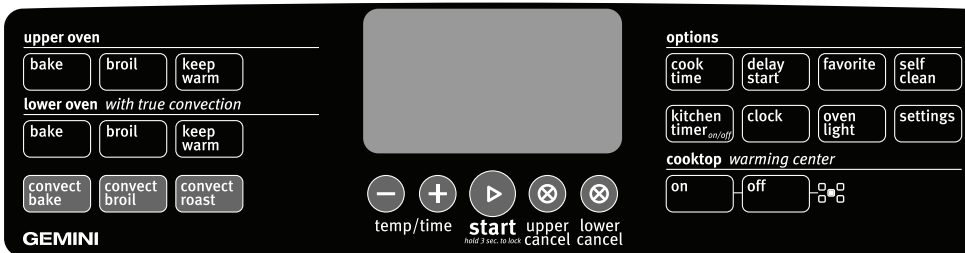
MAYTAG

Models:

MET8775XB00
MET8775XS00
MET8775XW00

MRC II Control, Double Oven, True Convection (Lower)

Warming Zone, Electric



MAYTAG

Models:

MET8885XB00
MET8885XS00
MET8885XW00
YMET8885XB00
YMET8885XS00
YMET8885XW00

Temperature Adjustment

Press "SETTINGS" until "Temp Calib" is displayed.	Previous Offset shown, or U-00 is displayed.
Press TEMP/TIME "+" or "-".	Adjusts temperature in 5°F (3°C) increments between -30°F (-18°C) and +30°F (+18°C).
Press START.	Bake and Broil Temperatures are offset automatically to the same degree. If START is not pressed within 1 minute, adjustment is ignored

Diagnostic Mode

Action	Display
Press CANCEL/CANCEL/START.	"TEST ON" ##°F "UO" (In the test mode)
Press the TEMP/TIME "+" keypad, follow directions at each operation.	"CONTROL RESET" (Resets Control settings)
Press "+"	"USAGE" (Displays hours of Operation)
"+" again	"ENG MODE" (Manufacturing Information)
"+" again	"TEST MODE" (Manual Check of Control relays)
"+" again	"VERSION" (Manufacturing Information)
"+" again	"DISPLAY" (Checks all LEDs in Display)
"+" again	"FAULTS" *(Displays all Fault Codes)
"+" again	"AUTO TEST" (Performs a complete check of the OVEN, automatically)

When in the Diagnostic mode, instructions will be provided by the control to help you through each of the programs. Press Cancel to exit the test at any time.

When checking for Fault Codes and "NO FAULTS" is displayed. Do Not replace the Control.

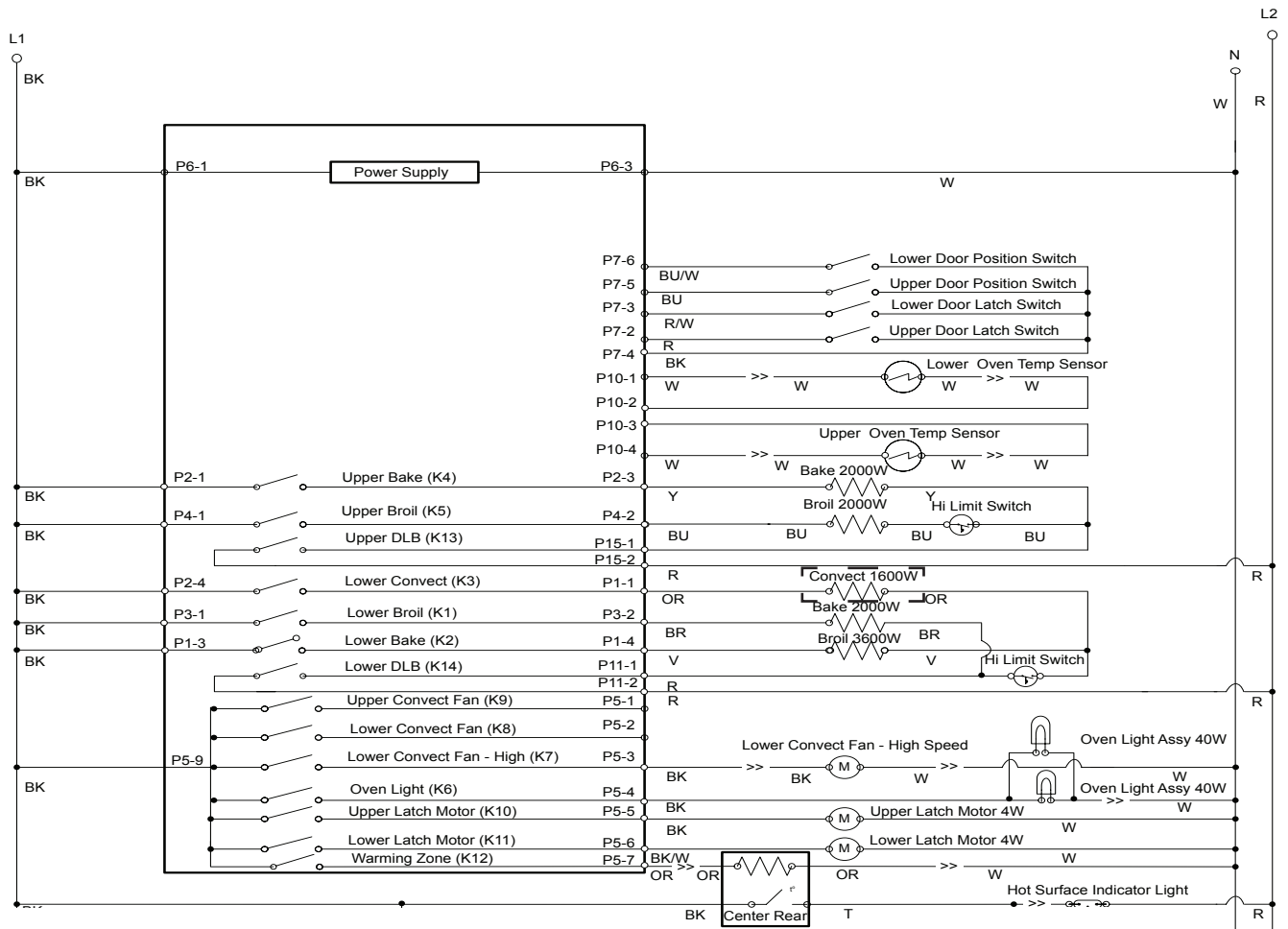
The "AUTO TEST" program will automatically test all the oven circuits. This test is very easy to use and when the test is complete, test results will be provided. Whenever servicing the oven, this is the test to run.

*Press "START TIME" or "DELAY START" to clear all fault codes.

Wiring Information

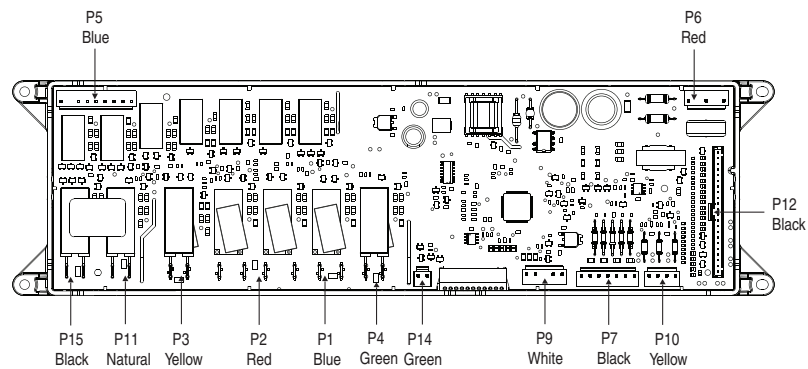
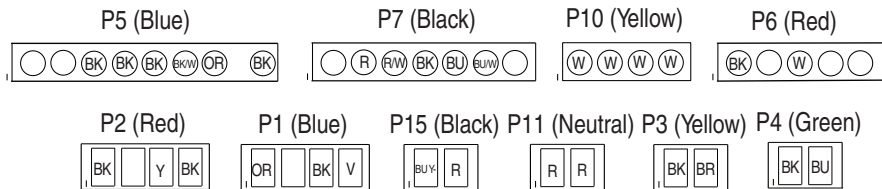
TS# W10311747

NOTE: Schematic shows door latch switch in the COOK position with oven door open and elements off.



On some models

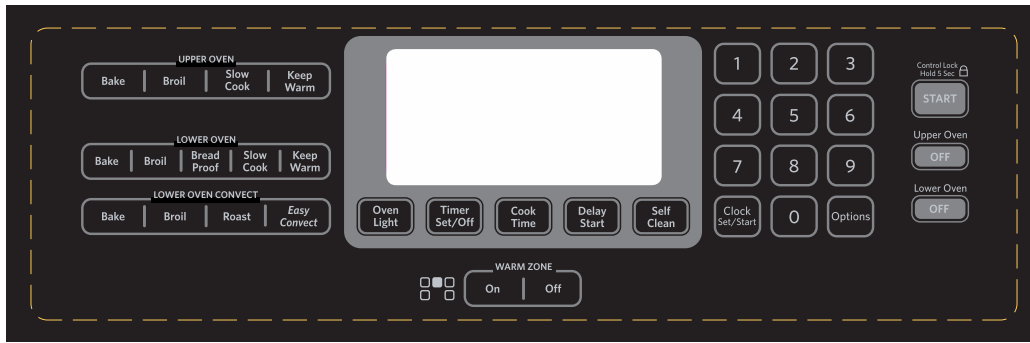
Connectors



MRC II Double Oven, Electric (continued)

MRC II Control, Double Oven, True Convection (Lower)

Warming Zone, Electric

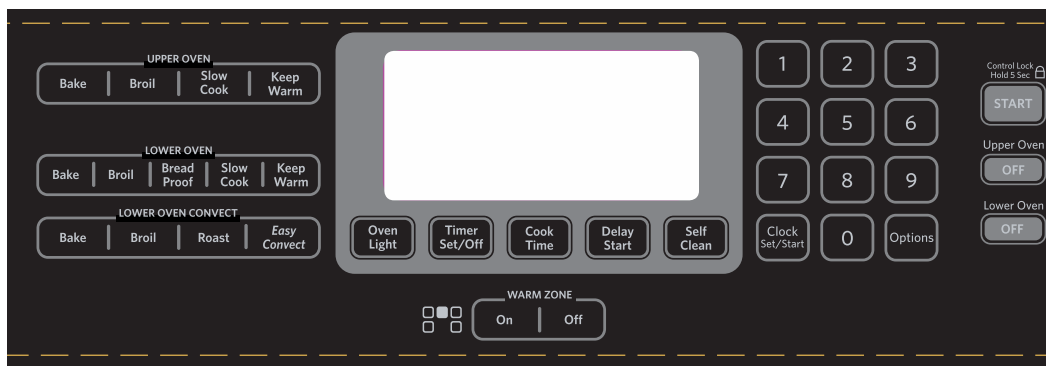


Models:

KERS505XBL00
KERS505XSS00
KERS505XWH00

MRC II Control, Double Oven, True Convection (Lower)

Warming Zone, Electric



Models:

KERS507XSS00
YKER507XSS00

Temperature Adjustment

Press "OPTIONS" until "Temp Calib" is displayed.	Previous Offset shown.
Press #3 or #6 keypads.	Adjusts temperature in 5°F (3°C) increments between -30°F (-18°C) and +30°F (+18°C). Bake and Broil Temperatures are offset automatically to the same degree.
Press START.	If START is not pressed within 1 minute, adjustment is ignored.

Diagnostic Mode

Action	Display
Press OFF / Off / START	"TEST ON" ##°F "UO" (In the test mode)
Press the the number "3" key, follow directions at each operation.	"CONTROL RESET" (Resets Control settings)
Press "3" again	"USAGE" (Displays hours of Operation)
"3" again	"ENG MODE" (Manufacturing Information)
"3" again	"TEST MODE" (Manual Check of Control relays)
"3" again	"VERSION" (Manufacturing Information)
"3" again	"DISPLAY" (Checks all LEDs in Display)
"3" again	"FAULTS" *(Displays all Fault Codes)
"3" again	"AUTO TEST" (Performs a complete check of the OVEN, automatically)

When in the Diagnostic mode, instructions will be provided by the control to help you through each of the programs. Press Cancel to exit the test at any time.

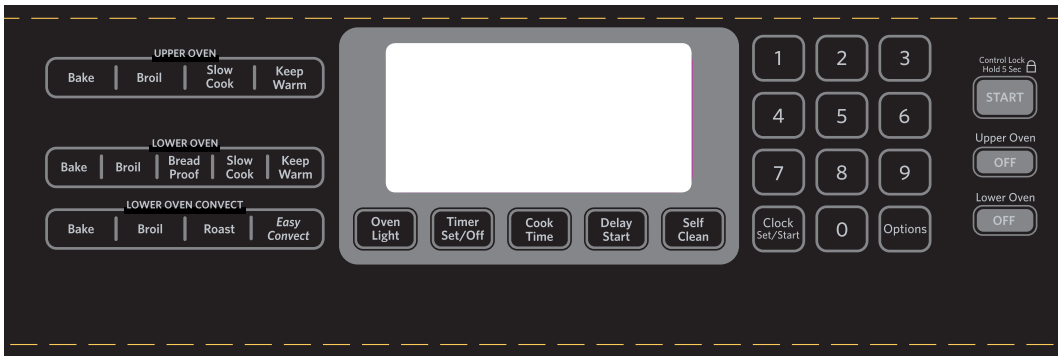
When checking for Fault Codes and "NO FAULTS" is displayed. Do Not replace the Control.

The "AUTO TEST" program will automatically test all the oven circuits. This test is very easy to use and when the test is complete, test results will be provided. Whenever servicing the oven, this is the test to run.

*Press "DELAY START" to clear all fault codes.

MRC II Control, Double Oven, True Convection (Lower), Dual Fuel

MRC II Control, Double Oven, True Convection (Lower), Dual Fuel



Models:
KDRS505XSS00

Temperature Adjustment

Press "OPTIONS" until "Temp Calib" is displayed.	Previous Offset shown.
Press #3 or #6 keypads.	Adjusts temperature in 5°F (3°C) increments between -30°F (-18°C) and +30°F (+18°C). Bake and Broil Temperatures are offset automatically to the same degree.
Press START.	If START is not pressed within 1 minute, adjustment is ignored.

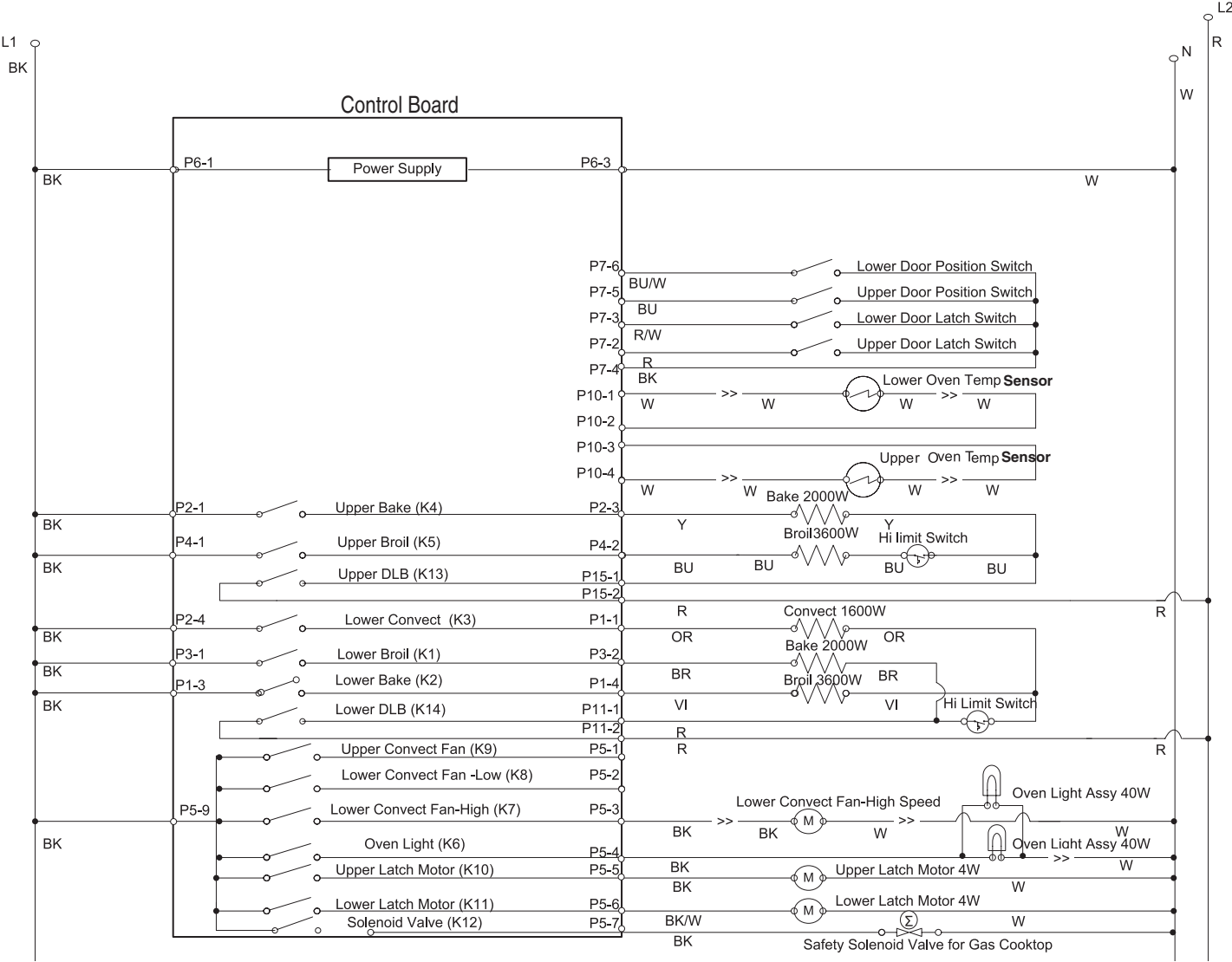
Diagnostic Mode

Action	Display
Press CANCEL/CANCEL/START	"TEST ON" ##°F "UO" (In the test mode)
Press the the number "3" key, follow directions at each operation.	"CONTROL RESET" (Resets Control settings)
Press "3" again	"USAGE" (Displays hours of Operation)
"3" again	"ENG MODE" (Manufacturing Information)
"3" again	"TEST MODE" (Manual Check of Control relays)
"3" again	"VERSION" (Manufacturing Information)
"3" again	"DISPLAY" (Checks all LEDs in Display)
"3" again	"FAULTS" *(Displays all Fault Codes)
"3" again	"AUTO TEST" (Performs a complete check of the OVEN, automatically)
When in the Diagnostic mode, instructions will be provided by the control to help you through each of the programs. Press Cancel to exit the test at any time.	
When checking for Fault Codes and "NO FAULTS" is displayed. Do Not replace the Control.	
The "AUTO TEST" program will automatically test all the oven circuits. This test is very easy to use and when the test is complete, test results will be provided. Whenever servicing the oven, this is the test to run.	
*Press "DELAY START" to clear all fault codes.	

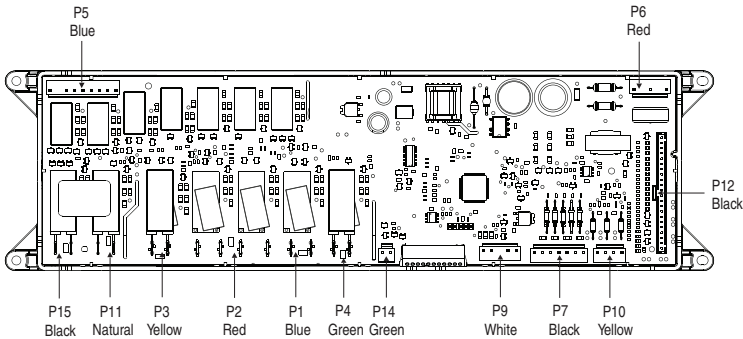
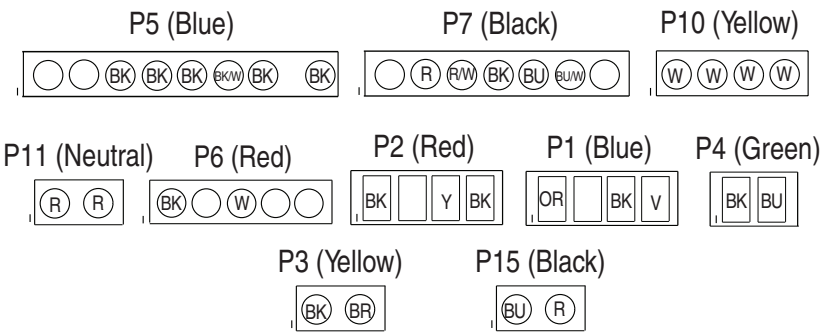
Wiring Information

TS# W10323649

NOTE: Schematic shows door latch switch in the COOK position with oven door open and elements off.

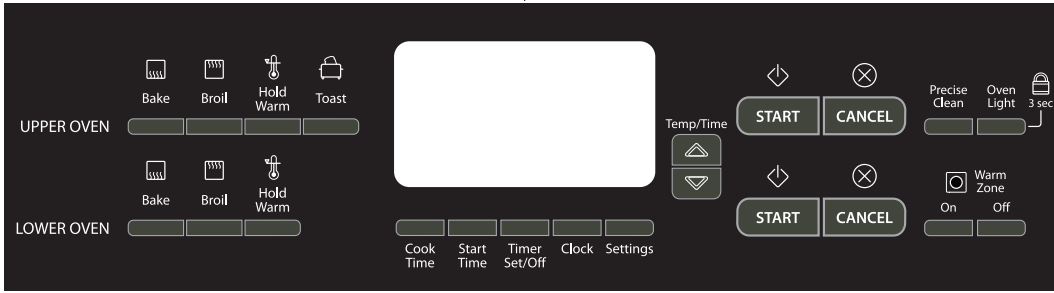


Connectors



MRC II Double Oven, Gas

MRC II Control, Double Oven, Gas



Models:

GGG388LXB00

GGG388LXQ00

GGG388LXS00

Temperature Adjustment

Press "SETTINGS" until "Temp Calib" is displayed.	Previous Offset shown, or U-00 is displayed.
Press TEMP/TIME "+" or "-".	Adjusts temperature in 5°F (3°C) increments between -30°F (-18°C) and +30°F (+18°C). Bake and Broil Temperatures are offset automatically to the same degree.
Press START.	If START is not pressed within 1 minute, adjustment is ignored

Diagnostic Mode

Action	Display
Press CANCEL/CANCEL/START.	"TEST ON" ##°F "UO" (In the test mode)
Press the TEMP/TIME "+" keypad, follow directions at each operation.	"CONTROL RESET" (Resets Control settings)
Press "+"	"USAGE" (Displays hours of Operation)
"+" again	"ENG MODE" (Manufacturing Information)
"+" again	"TEST MODE" (Manual Check of Control relays)
"+" again	"VERSION" (Manufacturing Information)
"+" again	"DISPLAY" (Checks all LEDs in Display)
"+" again	"FAULTS" *(Displays all Fault Codes)
"+" again	"AUTO TEST" (Performs a complete check of the OVEN, automatically)

When in the Diagnostic mode, instructions will be provided by the control to help you through each of the programs. Press Cancel to exit the test at any time.

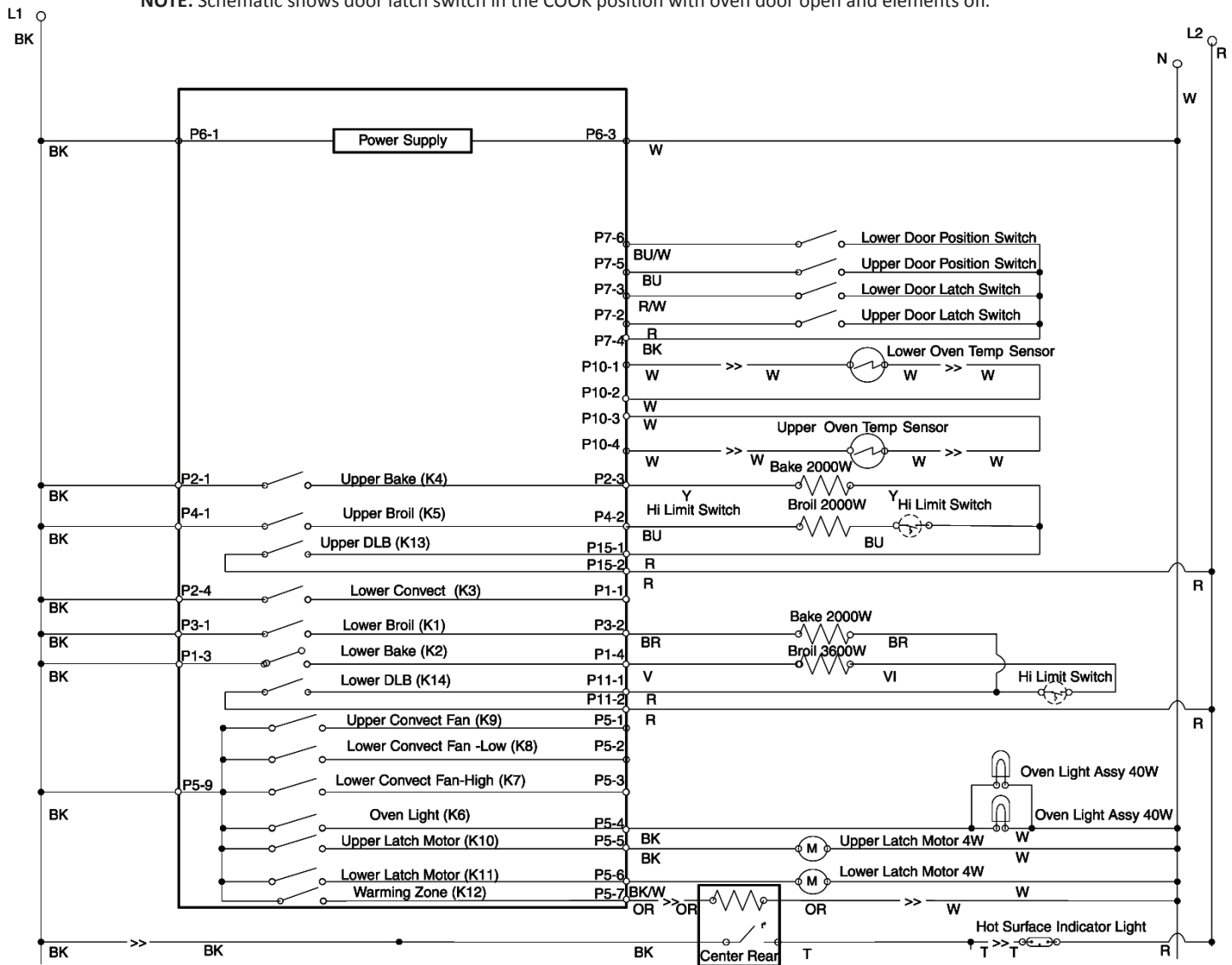
When checking for Fault Codes and "NO FAULTS" is displayed. Do Not replace the Control. The "AUTO TEST" program will automatically test all the oven circuits. This test is very easy to use and when the test is complete, test results will be provided. Whenever servicing the oven, this is the test to run.

*Press "START TIME" to clear all fault codes.

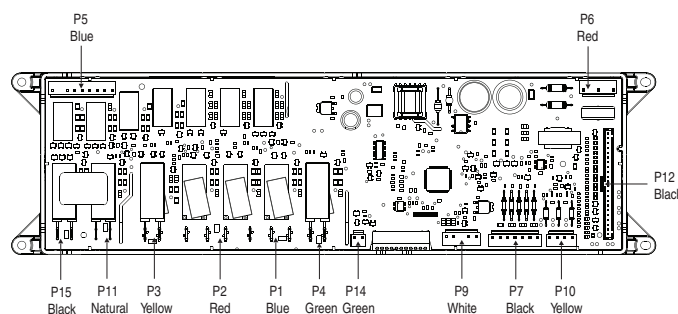
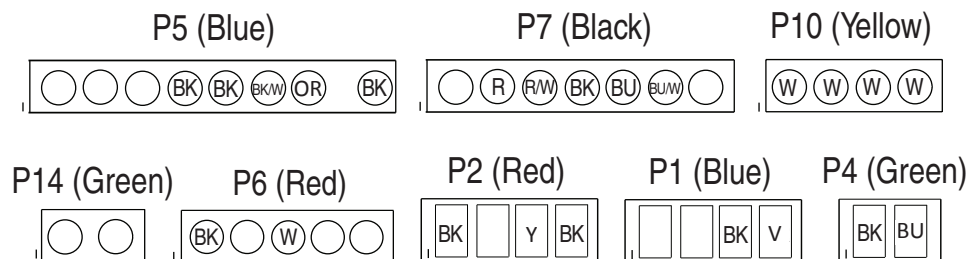
Wiring Information

TS# W10311742

NOTE: Schematic shows door latch switch in the COOK position with oven door open and elements off.

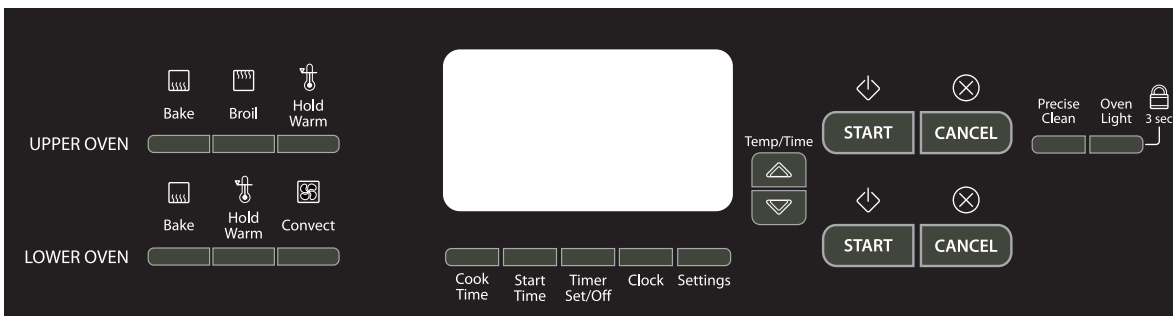


Connectors



MRC II Control, Double Oven, Gas, (continued)

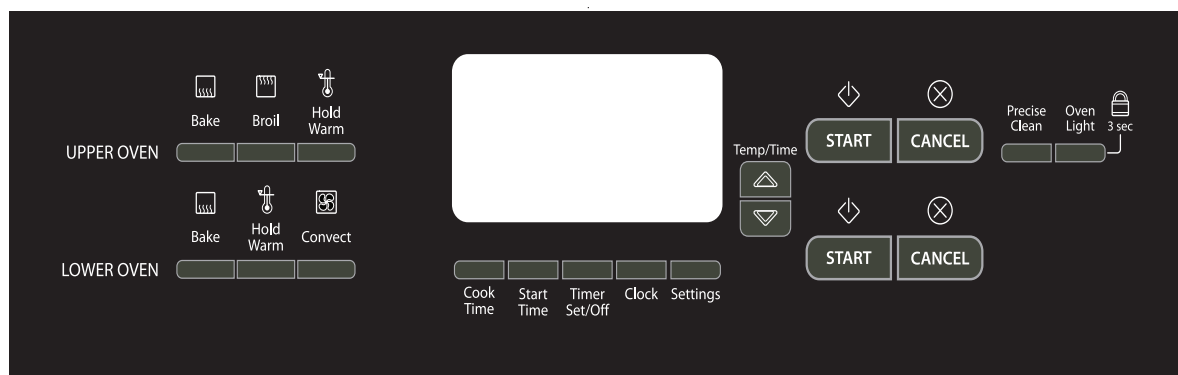
MRC II Control, Double Oven, True Convection (Lower), Gas



Models:

GGG390LXB00
GGG390LXQ00
GGG390LXS00

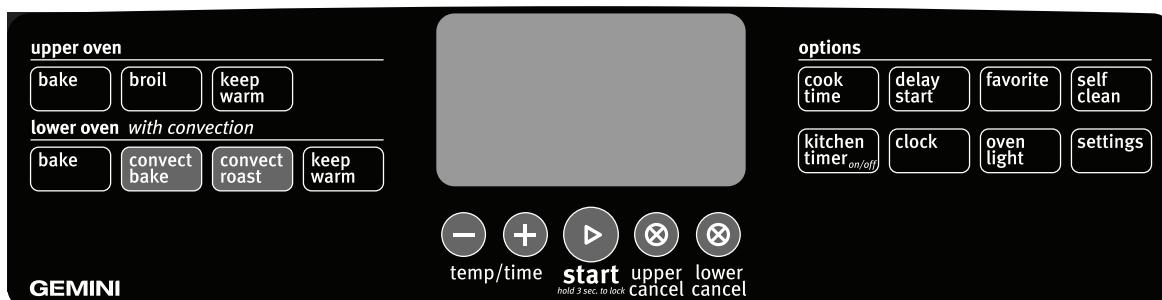
MRC II Control, Double Oven, Fan Convection (Lower), Gas



Models:

MGT8655XB00
MGT8655XS00
MGT8655XW00

MRC II Control, Double Oven, Fan Convection (Lower), Gas



Models:

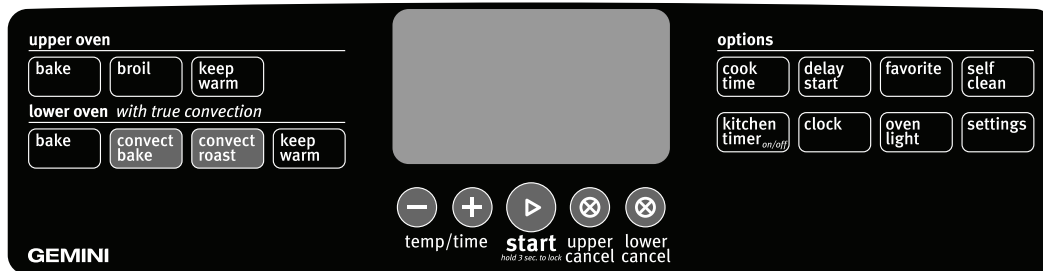
MGT8775XB00
MGT8775XS00
MGT8775XW00

MRC II Double Oven, Gas

MRC II Control, Double Oven, True Convection (lower), Gas

Models:

MGT8885XB00
MGT8885XS00
MGT8885XW00



MAYTAG

Temperature Adjustment

Press "SETTINGS" until "Temp Calib" is displayed.	Previous Offset shown, or U-00 is displayed.
Press TEMP/TIME "+" or "-".	Adjusts temperature in 5°F (3°C) increments between -30°F (-18°C) and +30°F (+18°C). Bake and Broil Temperatures are offset automatically to the same degree.
Press START.	If START is not pressed within 1 minute, adjustment is ignored

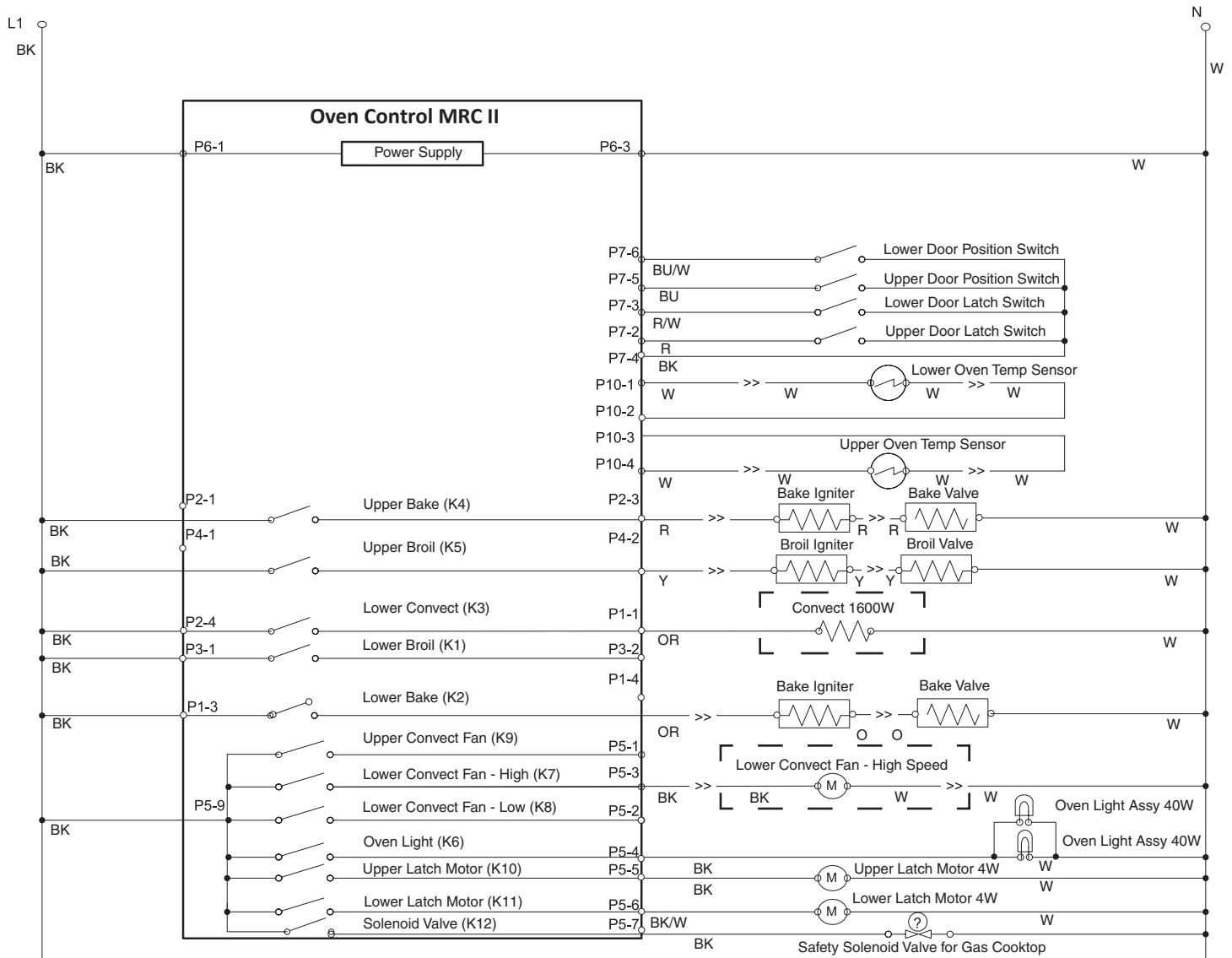
Diagnostic Mode

Action	Display
Press CANCEL/CANCEL/START.	"TEST ON" ##°F "UO" (In the test mode)
Press the TEMP/TIME "+" keypad, follow directions at each operation.	"CONTROL RESET" (Resets Control settings)
Press "+"	"USAGE" (Displays hours of Operation)
"+" again	"ENG MODE" (Manufacturing Information)
"+" again	"TEST MODE" (Manual Check of Control relays)
"+" again	"VERSION" (Manufacturing Information)
"+" again	"DISPLAY" (Checks all LEDs in Display)
"+" again	"FAULTS" *(Displays all Fault Codes)
"+" again	"AUTO TEST" (Performs a complete check of the OVEN, automatically)
When in the Diagnostic mode, instructions will be provided by the control to help you through each of the programs. Press Cancel to exit the test at any time.	
When checking for Fault Codes and "NO FAULTS" is displayed. Do Not replace the Control.	
The "AUTO TEST" program will automatically test all the oven circuits. This test is very easy to use and when the test is complete, test results will be provided. Whenever servicing the oven, this is the test to run.	
* Press "DELAY START" or "START TIME" to clear all fault codes.	

Wiring Information

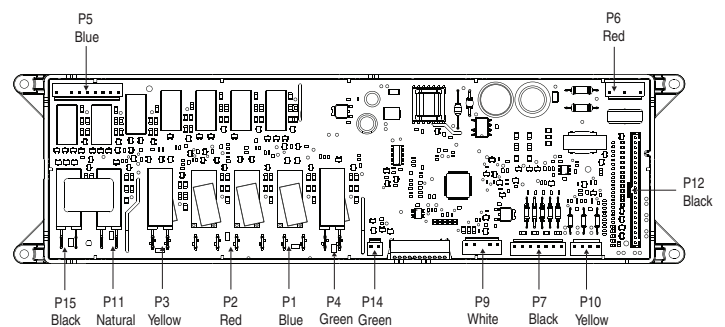
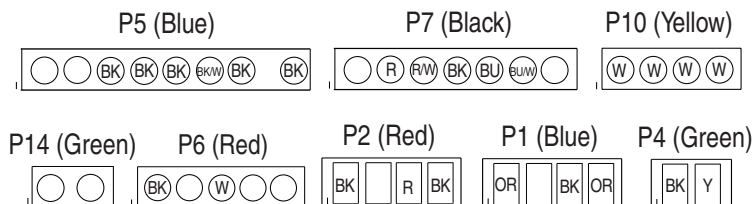
TS W10311752

NOTE: Schematic shows door latch switch in the COOK position with oven door open and elements off.



On some models

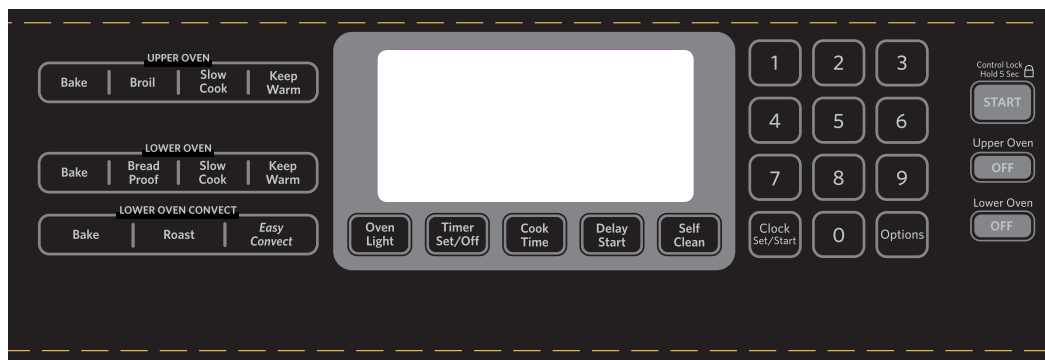
Connectors



Notes

MRC II Double Oven, True Convection (Lower), Gas

MRC II Control, Double Oven, True Convection (Lower), Gas



Models:

KGRS505XBL00

KGRS505XSS00

KGRS505XWH00

Temperature Adjustment

Press "OPTIONS" until "Temp Calib" is displayed.	Previous Offset shown.
Press #3 or #6 keypads.	Adjusts temperature in 5°F (3°C) increments between -30°F (-18°C) and +30°F (+18°C).
Press START.	Bake and Broil Temperatures are offset automatically to the same degree. If START is not pressed within 1 minute, adjustment is ignored.

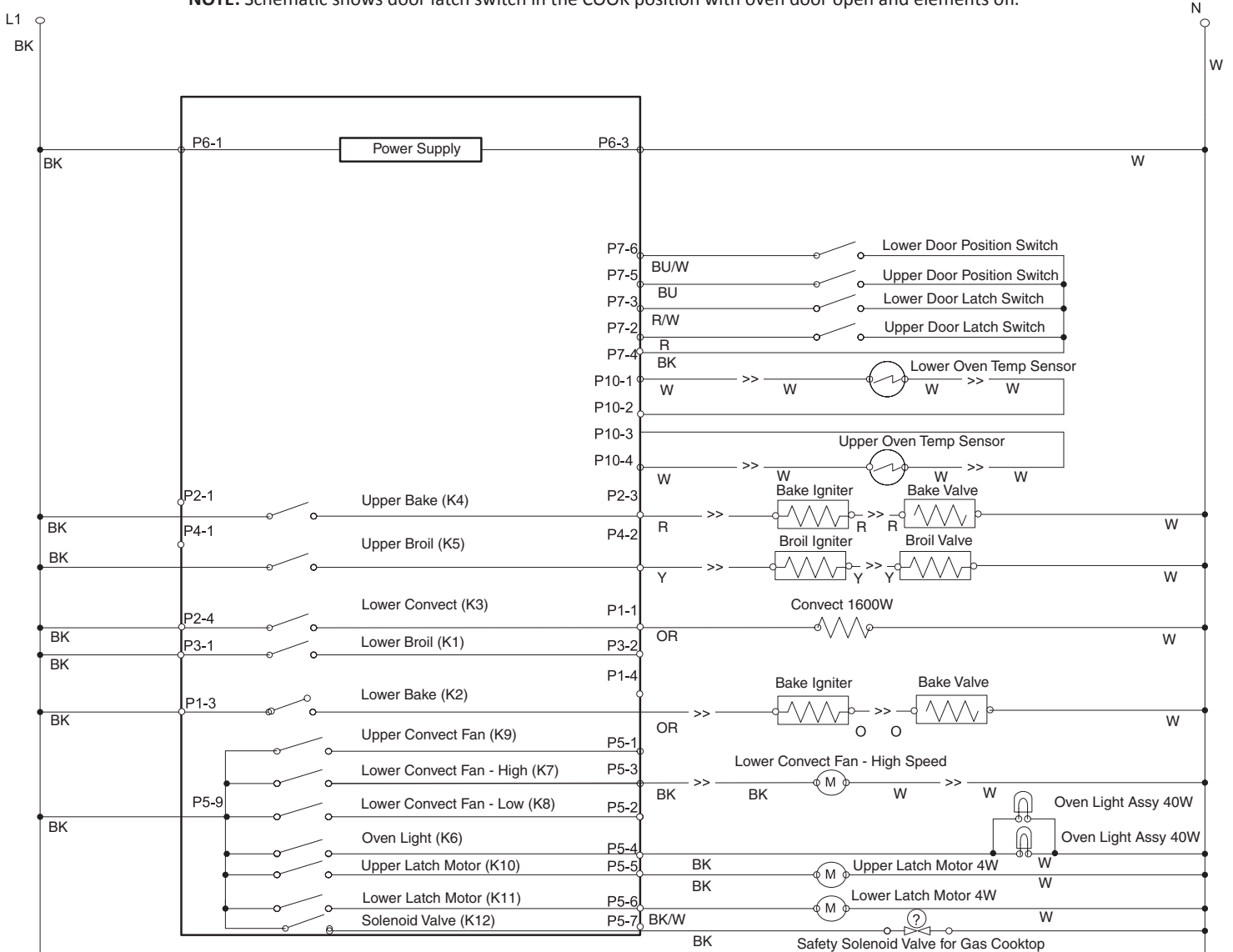
Diagnostic Mode

Action	Display
Press CANCEL/CANCEL/START	"TEST ON" ##°F "UO" (In the test mode)
Press the the number "3" key, follow directions at each operation.	"CONTROL RESET" (Resets Control settings)
Press "3" again	"USAGE" (Displays hours of Operation)
"3" again	"ENG MODE" (Manufacturing Information)
"3" again	"TEST MODE" (Manual Check of Control relays)
"3" again	"VERSION" (Manufacturing Information)
"3" again	"DISPLAY" (Checks all LEDs in Display)
"3" again	"FAULTS" *(Displays all Fault Codes)
"3" again	"AUTO TEST" (Performs a complete check of the OVEN, automatically)
When in the Diagnostic mode, instructions will be provided by the control to help you through each of the programs. Press Cancel to exit the test at any time.	
When checking for Fault Codes and "NO FAULTS" is displayed. Do Not replace the Control.	
The "AUTO TEST" program will automatically test all the oven circuits. This test is very easy to use and when the test is complete, test results will be provided. Whenever servicing the oven, this is the test to run.	
*Press "DELAY START" to clear all fault codes.	

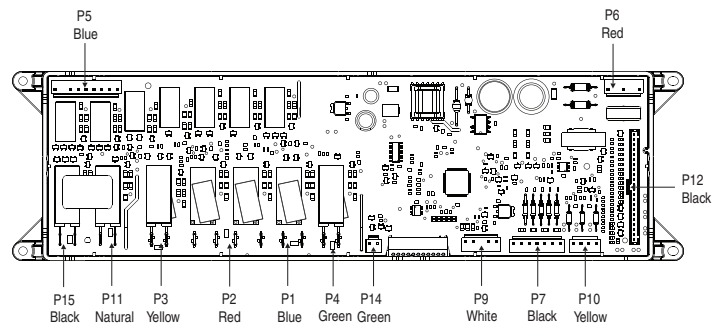
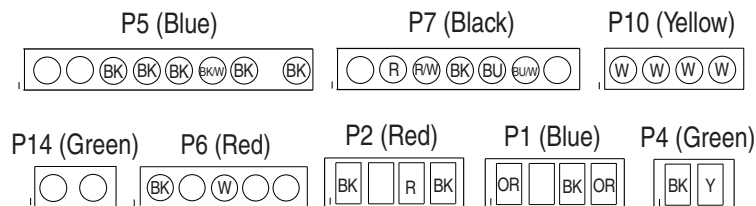
Wiring Information

TS# W10311752

NOTE: Schematic shows door latch switch in the COOK position with oven door open and elements off.



Connectors



MRC II Fault Code Procedure

⚠ DANGER



Electrical Shock Hazard

Only authorized technicians should perform diagnostic voltage measurements, disconnect power before servicing. Failure to follow these instructions can result in death or electrical shock.

⚠ WARNING



Electrical Shock Hazard

Disconnect power before servicing. Replace all parts and panels before operating. Failure to do so can result in death or electrical shock.

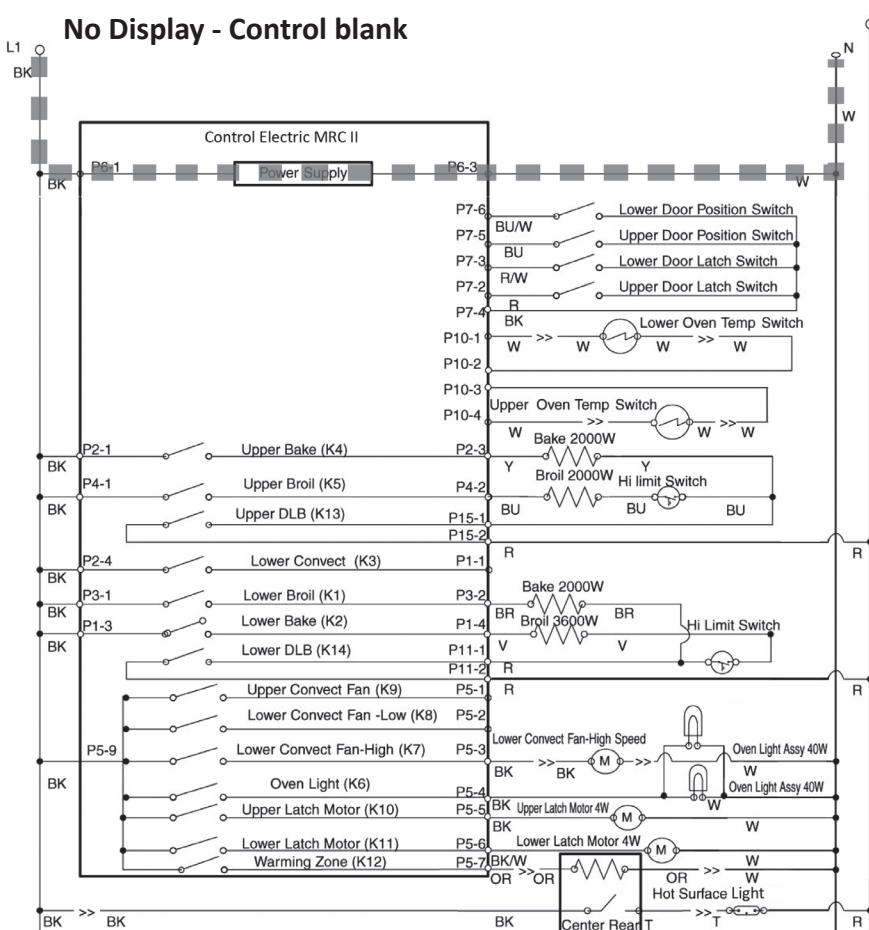
Voltage Measurement Safety Information

When performing live voltage measurements, you must do the following:

- Verify the controls are in the off position so that the appliance does not start when energized.
- Allow enough space to perform the voltage measurements without obstructions.
- Keep other people a safe distance away from the appliance to prevent potential injury.
- Always use the proper testing equipment.
- After voltage measurements, always disconnect power before servicing.

No Faults - Control is good do not replace

No Display - Control blank



- Verify voltage at power supply.
- Verify voltage between control board pins P6-1 and P6-3 by completing the following steps:
 1. Unplug range or disconnect power.
 2. Connect voltage measurement equipment between control board pins P6-1 and P6-3.
 3. Plug in range or reconnect power and confirm voltage reading.
 4. Unplug range or disconnect power.
- If voltage check is good, replace control board.

MRC II Fault Code Procedure (continued)

All F1 E* Codes (Control)

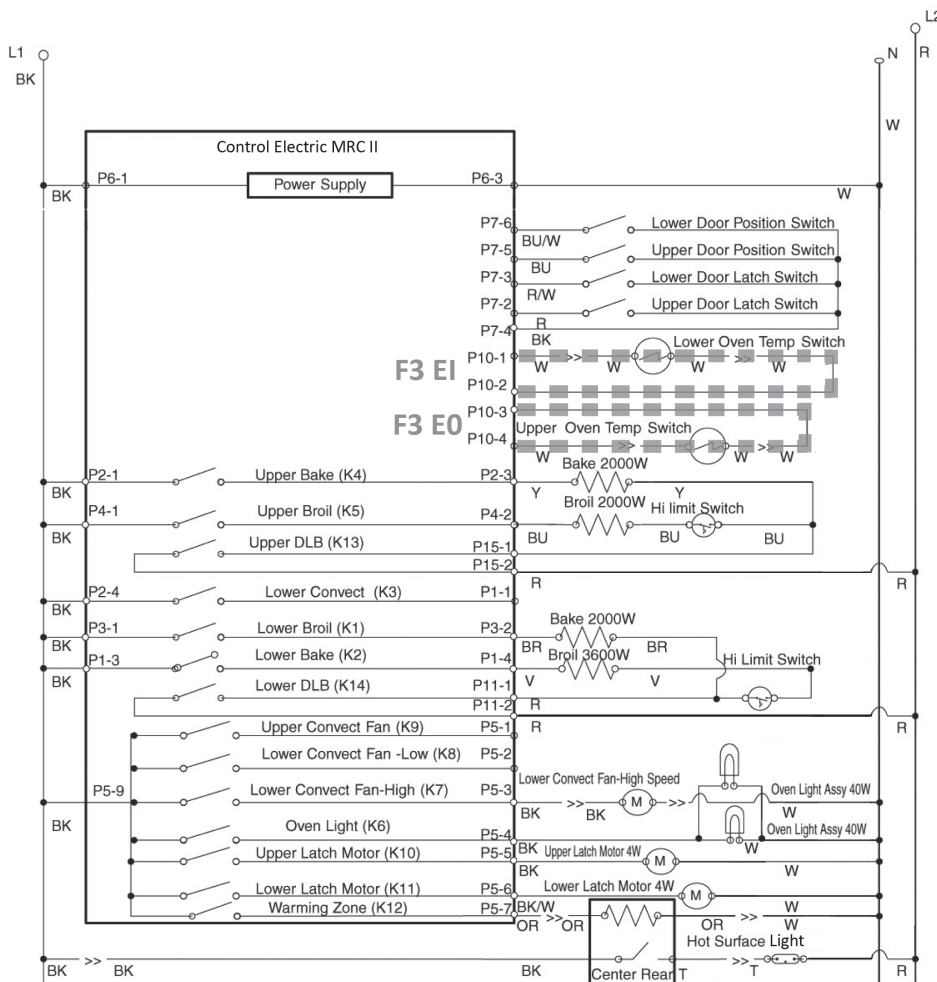
- Run Diagnostic Mode and verify fault Code
- Unplug range or disconnect power
- Replace Control

F2 Fault Code (Stuck Key on Control)

- Run Diagnostic Mode and verify fault Code
- Run Keyboard test
- Unplug range or disconnect power
- If keyboard test fails - Replace User Interface
- If keyboard test is successful - Replace Control

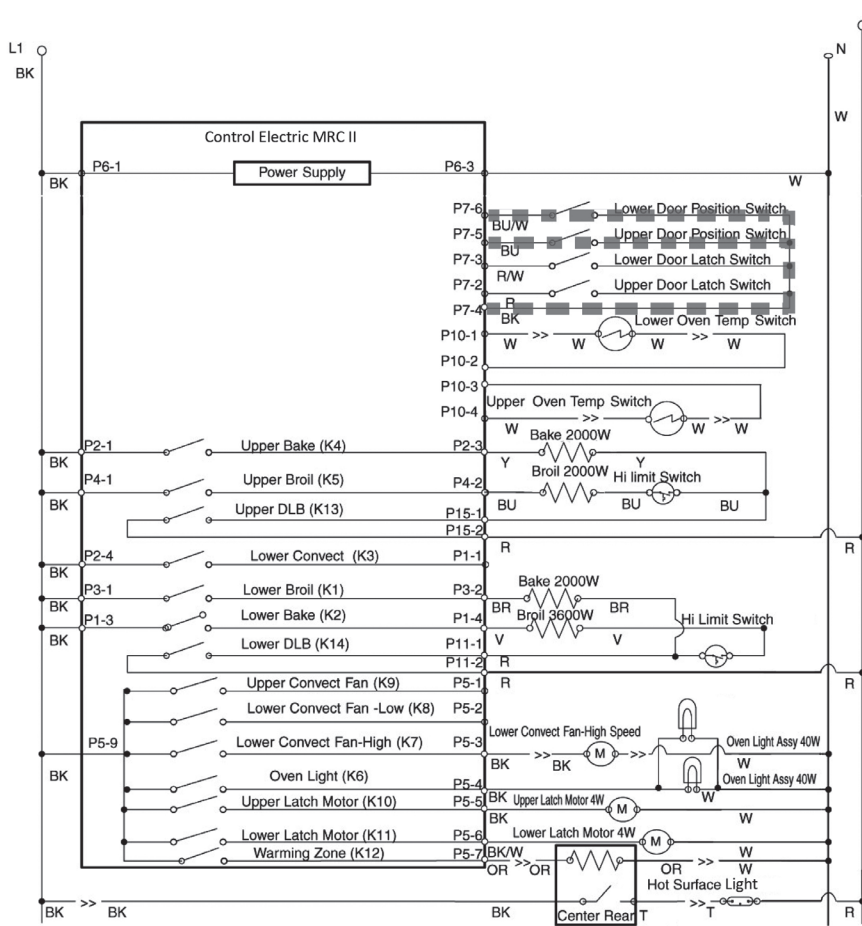
F3 E0 (Upper Oven Sensor), F3 E1 (Lower Oven Sensor)

- Run Diagnostic Mode and verify fault code
- Unplug range or disconnect power
- If fault code was F3 E0 - Check upper oven sensor for 1000-1200Ω at P10-3 to P10-4
- If fault code was F3 E1 - Check Lower Oven Sensor for 1000-1200 Ω at P10-1 to P10-2
- Check Sensor for short to ground.
- If checks are not correct - Replace Sensor



MRC II Fault Code Procedure (continued)

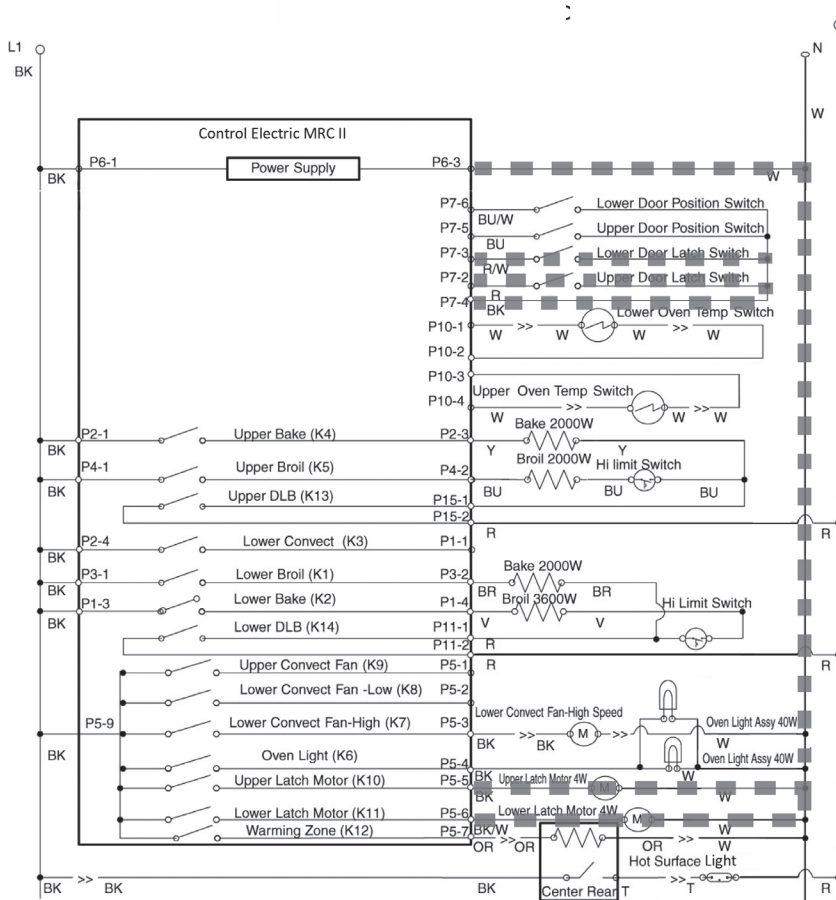
F5 E0 (Door Switch)



- Run Diagnostic Mode and verify fault code
- Unplug range or disconnect power
- Check door switch for continuity with door open and door closed :
Upper Oven at P7-4 to P7-5.
Lower Oven P7-4 to P7-6.
Door Open -Infinite Resistance
Door Closed - 0 resistance
- If checks are not correct -
Replace Door Switch

MRC II Fault Code Procedure (continued)

F5 E1 (Door Latch System)



- Run Diagnostic Mode and verify fault code
- While in Diagnostic Mode - Start Clean cycle, to verify that door does latch.
- Unplug range or disconnect power
- If door did not latch - check for continuity:
Upper Oven - P7-4 to P7-2
Lower Oven - P7-4 to P7-3
(Latch Switches)
- If no continuity - check for 500-3000Ω resistance at P5-6 to P6-3 or P5-5 to P6-3 (Latch Motors)
- If resistance check fails - replace Latch motor.
- If resistance check is good, check door (slot) and latching rod alignment. If door alignment is good - Replace Door Latch Switch

All F6 E* (Control Communication)

- Run Diagnostic Mode and verify fault code
- Unplug range or disconnect power
- Replace Control

All F9 Fault Codes (House Miswired)

- Check House power supply and verify 240VAC is available at the wall outlet.

