KAC-42



TECHNICAL EDUCATION

SELF-CLEANING SLIDE-IN/FREESTANDING GAS RANGES



Freestanding Models: KGRA806P & KGRI801P Slide-In Models: KGSA906P & KGSI901P

JOB AID 4317367

FORWARD

This KitchenAid Job Aid, "Self-Cleaning Slide-In/Freestanding Gas Ranges," (Part #4317367), provides the technician with information on the installation, operation, and service of Self-Cleaning Slide-In/Freestanding Gas Ranges. It is to be used as a training Job Aid and Service Manual. For specific information on the model being serviced, refer to the "Use and Care Guide," or "Wiring Diagram" provided with the gas range.

The Wiring Diagrams and Strip Circuits used in this Job Aid are typical and should be used for training purposes only. Always use the Wiring Diagram supplied with the product when servicing the unit.

GOALS AND OBJECTIVES

The goal of this Job Aid is to provide detailed information that will enable the service technician to properly diagnose malfunctions and repair KitchenAid Self-Cleaning Slide-In/Freestanding Gas 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 Service Technicians.

Copyright © 2004, Whirlpool Corporation, Benton Harbor, MI 49022

TABLE OF CONTENTS

	Page
GENERAL	1-1
Safety First	1-1
Model & Serial Number Designations	1-2
Model & Serial Number Label & Tech Sheet Locations	1-3
Specifications	1-4
KitchenAid Gas Range Warranty	1-7
INSTALLATION INFORMATION	2-1
Gas Supply Requirements	2-1
Electrical Requirements	2-3
L.P. Gas Conversion	2-4
Adjusting For The Proper Flame	2-8
Installing The Anti-Tip Bracket	2-10
THEORY OF OPERATION	3-1
Convection Bowtie Baffle	3-1
COMPONENT ACCESS	4-1
Component Locations	4-1
Removing The EOC Assembly On Slide-In & Freestanding Models.	
And The User Interface	4-2
Removing The Ignition Switches, Gas Valves,	
And Control & Cooling Fan Thermal Switches	4-4
Removing The Door Latch Assembly, The Spark Module (DSI),	
And The Control Power Supply	4-6
Removing The Power Supply Transformer	4-8
Removing The Cooktop, And A Surface Burner & Ignitor	4-9
Removing The Rear Panel	4-12
Removing An Oven Light Socket Assembly	4-13
Removing The Broil Burner, Ignitor, & Halo [™] Broil Element	4-14
Removing The Bake Burner And Ignitor	4-16
Removing The Convection Element & Fan Motor	4-18
Removing The Oven Temperature Sensor	4-20
Removing The Cooling Fan	4-21
Removing The Oven TOD	4-22
Removing The Gas Distribution Valve	4-23
Removing The Power Supply Cord	4-24
Removing A Side Panel	4-25
Removing & Reinstalling The Oven Door	4-26
Removing The Oven Door Gasket	4-27
Removing The Decorative Glass And Oven Door Handle,	
The Hinges, And The Oven Door Glass	4-28

Page

COMPONENT TESTING	5-1
Control & Cooling Fan Thermal Switches	5-1
Standard & TripleTier [™] Ignition Switches	5-2
Standard & TripleTier [™] Gas Valves	5-3
Door Latch Assembly	5-3
Power Supply Transformer	5-4
Halo [™] Broil Element	5-4
Convection Element	5-5
Convection Fan Motor	5-5
Oven Temperature Sensor	5-6
Cooling Fan Motor	5-6
Oven TOD	5-7
Gas Distribution Valve	5-7
Clock Models KGRA806P & KGSA906P	5-8
Clock Models KGRI801P & KGSI901P	-11
DIAGNOSTICS & TROUBLESHOOTING	6-1
Diagnostics	6-1
Troubleshooting	6-6
WIRING DIAGRAMS & STRIP CIRCUITS	7-1
Wiring Diagrams	7-1
Strip Circuits	7-3

GENERAL SAFETY FIRST

Your safety and the safety of others is very important.

We have provided many important safety messages in this Job Aid and on the appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to hazards that can kill or hurt you and others. All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING." These words mean:



You can be killed or seriously injured if you don't <u>immediately</u> follow instructions.



You can be killed or seriously injured if you don't follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

MODEL & SERIAL NUMBER DESIGNATIONS

MODEL NUMBER

MODEL NUMBER	K	GS	A	90	6	P	wн	0
PRODUCT GROUP K = KITCHENAID	_1							
PRODUCT IDENTIFICATION DR = DUAL FUEL RANGE DS = DUAL FUEL SLIDE-IN RANGE ER = ELECTRIC STANDARD RANGE ES = ELECTRIC SLIDE-IN RANGE GR = GAS STANDARD RANGE GS = GAS SLIDE-IN RANGE		-						
MERCHANDISING SCHEME A = ARCHITECT C = CONTRACT / ADVERTISING I = STANDARD K/L = SEARS MODELS P = COMMERCIAL STYLE V = VBL PRO LINE STYLE			-					
CAPACITY / SIZE / SERIES / CONFIGURATION1ST POSITION2ND Po2 = FS RANGE BACK CONTROL0 =4 = COMMERCIAL6 =8 = FS RANGE FRONT CONTROL8 =9 = SLIDE-IN9	OSIT 30″ 36″ \ 48″	ION WIDE WIDE WIDE		_				
 FEATURES CONVENTIONAL OVEN, COIL COOKTOP CONVENTIONAL OVEN, CERAN OR GAS CO CONVENTIONAL OVEN, WARMING DRAWER CONVENTIONAL OVEN, AUTO CONVECT, CEOR GAS COOKTOP CONVECTION OVEN, COIL COOKTOP CONVECTION OVEN, CERAN COOKTOP CONVECTION OVEN, GAS COOKTOP W / TE CONVECTION OVEN, WARMING DRAWER, CW / ELECTRONIC KNOB COOKTOP, OR GAS W / TRIPLE TIER CONVECTION OVEN, WARMING DRAWER, CW / ELECTRONIC COOKTOP 	OKT , GA ERAN ERAN ERA	OP S CO I TIEF N CO OKTC N CO	OKT OKT PP OKT	- ОР - ОР	1			
YEAR OF INTRODUCTION P - 2004, R = 2005						-		
COLOR CODE BL = BLACK, WH = WHITE, BT = BISCUIT, BS = BLACK ON STAINLESS, SS = BRUSHED STA	INLE	ESS S	STEE	EL			1	
SERIAL NUMBER								

SERIAL NUMBER	x	R	31	73981
MANUFACTURING SITE X = OXFORD, MS	•			
YEAR OF PRODUCTION R = 2004		1		
WEEK OF PRODUCTION 31 = 31ST WEEK				
PRODUCT SEQUENCE NUMBER				•

MODEL & SERIAL NUMBER LABEL & TECH SHEET LOCATIONS

The Model/Serial Number label and Tech Sheet locations are shown below.



Tech Sheet Location (On Underside Of Drawer)

SPECIFICATIONS

Model Description Oxford Division Name Oxford Division Name Oxford Shipping Weight (Ibs) 185 Shipping Weight (Ibs) 185 Ratings 10 Electric Voltage/Phase/Frequency(Hz) 120 V Cincuit Amps 15 Exterior 15 Main Oxen Door Black Painted Steel Over Glass Blood Panel Location Front Control Panel Location Front Control Front Cooktop: Infinite Switch Round Domed Gas Bught Front Output (BTU)Nat/LP) 6000 BTU/5000 BTU Gas Bught Front Output (BTU)Nat/LP) 6000 BTU/5000 BTU Gas Right Rec Output (BTU)Nat/LP) 6000 BTU/5000 BTU Gas Rize Dargenes	Model Number	KGRI801P BL, BS, WH	KGSI901P BL, BS, WH,		
Division Name Oxford Oxford DimendontSSpecifications 0<	Model Description				
Dimensions/specifications Weight 185 Shipping Weight (lbs) 185 Raings 120 V Electric Voltage/Phase/Frequency(Hz) 120 V Cricuit Amps 15 Storior Black Painted Steel Over Glass Broiler Stop No Main Oven Door Black Painted Steel Over Glass Broiler Stop No Control Panel Location Front Control Knob Type, #, Fen Cooktop: Infinite Switch Round Domed Design, Bladeless, Skirtless Gas Burner Type Sealed Sealed Gas Left Front Output (BTU/Nat/LP) 14000 BTU/1000 BTU 16000 BTU/0000 BTU Gas Left Rare Output (BTU/Nat/LP) 12500 BTU/1000 BTU 16000 BTU/0000 BTU Gas Left Rare Output (BTU/Nat/LP) 1200 BTU/1000 BTU 16000 BTU/0000 BTU Gas Left Rare Output (BTU/Nat/LP) 1200 BTU/1000 BTU 16000 BTU/0000 BTU Gas Left Rare Output (BTU/Nat/LP) 1200 BTU/1000 BTU 16000 BTU/0000 BTU Gas Left Rare Output (BTU/Nat/LP) 1200 BTU/1000 BTU 16000 BTU/0000 BTU Oven Courtols Jabil GOC KitchenAid Premium 201 d	Division Name	Oxford	Oxford		
Weight Image Shipping Weight (Ibs) 185 180 Rulings 120 V 120 V Flextric Voltage/Phase/Frequency(Ib/) 120 V 120 V Circuit Amps 15 15 Burner Door Black Painted Steel Over Glass Black Painted Steel Over Glass Broiler Stop No No No Control Panel Location Creatin Amps Design, Bladcless, Skirtless Design, Bladcless, Skirtless Gas Right Panel Location Cocktop: Infinite Switch Round Domed Design, Bladcless, Skirtless Design, Bladcless, Skirtless Gas Right Rear Output (BTU)(Nat/LP) 16000 BTU/10000 BTU 12000 BTU/10000 BTU 12000 BTU/10000 BTU Gas Left Area Output (BTU)(Nat/LP) 16000 BTU/0000 BTU 12000 BTU/10000 BTU Gas Maint Amp Cocktop Gas Left Rear Output (BTU)(Nat/LP) 16000 BTU/10000 BTU 12000 BTU/10000 BTU 12000 BTU/10000 BTU Gas Valves Degrees 210 degrees 210 degrees 210 degrees Oven Controls Jabil GOC KitchenAid Premium Jabil GOC KitchenAid Premium Oven Output (BTU) (Nat/LP) Scholer Main Oven Schole	Dimensions/Specifications				
Shipping Weight (lbs) 185 180 Ratings 1 120 V 120 V Circuit Amps 15 15 Startior 15 15 Main Oven Door Black Painted Steel Over Glass Black Painted Steel Over Glass Broiler Stop No No No Control Panel Location Front Front Front Control Knob Type, #, Fen Cooktop: Infinite Switch Round Domed Design, Bladeless, Skirtless Sealed Sealed Gas Burner Type Sealed Sealed Sealed Sealed Sealed Gas Left Front Output (BTU/(Nat/LP) 14000 BTU/1000 BTU 14000 BTU/3000 BTU 6000 BTU/3000 BTU 6000 BTU/3000 BTU Gas klight Rear Output (BTU/(Nat/LP) 12500 BTU/1000 BTU 6000 BTU/300 BTU 6000 BTU/300 BTU 600 BTU/3000 BTU Gas klight Rear Output (BTU/(Nat/LP) 1200 BTU/1000 BTU 6000 BTU/300 BTU 600 BTU/300 B	Weight				
Ratings Image: Control Phase Prequency(Hz) 120 V 120 V Circuit Amps 15 15 15 Exterior No No No Control Panel Location Front Front Coktop: Infinite Switch Round Domed Control Panel Location Coktop: Infinite Switch Round Domed Design, Bladeless, Skirtless Design, Bladeless, Skirtless Gas Righ Front Output (BTU/NarLP) 6000 BTU/5000 BTU 6000 BTU/3000 BTU 6000 BTU/3000 BTU Gas Righ Front Output (BTU/NarLP) 10000 BTU/15000 BTU 1200 BTU/10000 BTU 6000 BTU/3000 BTU Gas Righ Rear Output (BTU/NarLP) 10000 BTU/15000 BTU 6000 BTU/3000 BTU 6000 BTU/3000 BTU Gas Valves Degrees Jabil GOC Kitchen Aid Premium Jabil GOC Kitchen Aid Premium Jabil GOC Kitchen Aid Premium Oven Display Scrolling Text Scrolling Text Scrolling Text Main Oven Self Clean Listh Yes - Motorized Yes - Motorized Oven Nolume (un ft) Overal Electronic Electronic Electronic Gas Broiler Type Log Burner with 1200 W Halo Element Log Burner with 1200 W Halo Element Ge	Shipping Weight (lbs)	185	180		
Electric Voltage/Phase/Trequency(IIz) 120 V 120 V Circuit Amps 15 15 Exterior 15 15 Exterior Black Painted Steel Over Glass Black Painted Steel Over Glass Broiler Stop No No Control Panel Location Front Front Control Knob Type, #, Fen Cooktop: Infinite Switch Round Domed Design, Bladeless, Skirtless Sealed Gas Burner Type Sealed Sealed Sealed Gas Lift Front Output (BTU)(Nat/LP) 10000 BTU/13000 BTU 10000 BTU/10000 BTU Gas Lift Rear Output (BTU)(Nat/LP) 10000 BTU/10000 BTU 6000 BTU/2000 BTU Gas Lift Rear Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/2000 BTU Gas Lift Rear Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/2000 BTU Gas Lift Rear Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/2000 BTU Gas Lift Rear Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/2000 BTU Gas Barbin Cooktop Jabil GOC KitchenAid Premium Jabil GOC KitchenAid Premium Oven Controls Jabil GOC KitchenAid Premium Jabil GOC KitchenAid Pre	Ratings				
Circuit Amps 15 15 Main Oven Door Black Painted Steel Over Glass Black Painted Steel Over Glass Broiler Stop No No Control Panel Location Front Front Control Fanel Location Front Cooktop: Infinite Switch Round Domed Control Knob Type, #, Fen Cooktop: Infinite Switch Round Domed Cooktop: Infinite Switch Round Domed Gas Right Rout Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/3000 BTU Gas Right Rar Output (BTU)(Nat/LP) 12000 BTU/0000 BTU 1200 BTU/3000 BTU Gas Right Rar Output (BTU)(Nat/LP) 12000 BTU/0000 BTU 6000 BTU/5000 BTU Gas Valves Degrees 210 degrees 210 degrees Oven Osplay Scrolling Text Scrolling Text Main Oven Scrolling Text Scrolling Text Coking System Sclf Cleaning - Timed Sclf Cleaning - Timed Cleaning System Sclf Cleaning - Timed Sclf Cleaning - Timed Gas Broiler Type Log Burner with 1200 W Halo Element Log Burner with 1200 W Halo Element Gradd Yes - Motorized Yes - Motorized O	Electric Voltage/Phase/Frequency(Hz)	120 V	120 V		
Exterior Black Painted Steel Over Glass Black Painted Steel Over Glass Broiler Stop No No Control Panel Location Front Front Control Knob Type, #, Fen Cooktop: Infinite Switch Round Domed Design, Bladeless, Skirless Design, Bladeless, Skirless Gas Burner Type Sealed Sealed Sealed Gas Left Front Output (BTU)(Nat/LP) 6000 BTU/3000 BTU 6000 BTU/3000 BTU Gas Left Front Output (BTU)(Nat/LP) 14000 BTU/13000 BTU 6000 BTU/3000 BTU Gas Left Acar Output (BTU)(Nat/LP) 12000 BTU/10000 BTU 6000 BTU/5000 BTU Gas Left Acar Output (BTU)(Nat/LP) 12000 BTU/10000 BTU 6000 BTU/5000 BTU Gas Left Acar Output (BTU)(Nat/LP) 12000 BTU/10000 BTU 6000 BTU/5000 BTU Gas Left Acar Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 16000 BTU/5000 BTU Oven Controls Jahil GOC KitchenAid Premium Jabil GOC KitchenAid Premium Oven Output (BTU) Scrolling Text Scrolling Text Main Oven Scrolling Text Scrolling Text Cooking System Sclef Clean Latch Yes - Motorized Oven Output	Circuit Amps	15	15		
Main Oven Door Black Painted Steel Over Glass Black Painted Steel Over Glass Broiler Stop No No Control Panel Location Front Front Control Knob Type, #, Fen Cooktop: Infinite Switch Round Domed Cooktop: Infinite Switch Round Domed Gas Righ Front Output (BTU)(Nar/LP) Sealed Sealed Sealed Gas Righ Front Output (BTU)(Nar/LP) 10000 BTU/10000 BTU 10000 BTU/10000 BTU 10000 BTU/10000 BTU Gas Left Front Output (BTU)(Nar/LP) 12000 BTU/10000 BTU 10000 BTU/10000 BTU Gas Valves Degrees 210 degrees Gas Valves Degrees 1210 degrees 210 degrees 210 degrees Oven Orsplay Scolling Text Scolling Text Scolling Text Main Oven Cooking System Standard Scale Standard Cooking System Scelf Cleaning - Timed Scell Cleaning - Timed Auto Self Clean Latch Yes - Motorized Yes - Motorized Oven Volume (cu ft) Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Oven Log Burner with 1200 W Halo Element Log Burner with 1200 W Halo Element Gas Broil Output (BTU)	Exterior				
Broiler Stop No No Control Ranel Location Front Front Control Knob Type, #, Fen Cocktop: Infinite Switch Round Domed Design, Bladeless, Skirtless Cocktop: Infinite Switch Round Domed Design, Bladeless, Skirtless Gas Burner Type Sealed Sealed Sealed Gas Left Front Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU 1000 BTU/1000 BTU Gas Left Rear Output (BTU)(Nat/LP) 12500 BTU/10000 BTU 12500 BTU/10000 BTU 6000 BTU/5000 BTU Gas Valves Degrees 210 degrees 210 degrees 210 degrees Oven Controls Jabil GOC KitchenAid Premium Jabil GOC KitchenAid Premium Oven Display Scrolling Text Scrolling Text Main Oven Cocking System Standard Standard Cleaning System Standard Standard Standard Oven Volume (cu ft) Overal Clean Litch Yes - Motorized Yes - Motorized Over Lignition Type Leg Burner with 1200 W Halo Element Leg Burner with 1200 W Halo Element Gas Baroil Output (BTU) (Nat/LP) 10500 BTU/16500 BTU 16500 BTU/16500 BTU	Main Oven Door	Black Painted Steel Over Glass	Black Painted Steel Over Glass		
Control Panel Location Front Front Control Knob Type, #, Fen Cooktop: Infinite Switch Round Domed Design, Bladeless, Skirless Cooktop: Infinite Switch Round Domed Design, Bladeless, Skirless Gas Right Front Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Right Front Output (BTU)(Nat/LP) 14000 BTU/10000 BTU 12000 BTU/10000 BTU Gas Right Rear Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Left Rear Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Ignition Cooktop Felectronic Felectronic Gas Valves Degrees 210 degrees 210 degrees Oven Display Scrolling Text Scrolling Text Main Oven Standard Standard Cleaning System Sclf Cleaning - Timed Sclf Cleaning - Timed Auto Self Clean Latch Yes - Motorized Yes - Motorized Oven Volume (cu ft) Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Oven Liptition Type Leg Burner with 1200 W Halo Element Log Burner with 1200 W Halo Element Gas Broil output (BTU) (Nat/LP) 100000 BTU/9000 BTU 16000 BTU/9000 BTU <td>Broiler Stop</td> <td>No</td> <td>No</td>	Broiler Stop	No	No		
Control Knob Type, #, Fcn Cooktop: Infinite Switch Round Domed Design, Bladeless, Skirtless Cooktop: Infinite Switch Round Domed Design, Bladeless, Skirtless Gas Right Front Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Left Front Output (BTU)(Nat/LP) 14000 BTU/10000 BTU 14000 BTU/10000 BTU Gas Left Rear Output (BTU)(Nat/LP) 12500 BTU/10000 BTU 6000 BTU/5000 BTU Gas Left Rear Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Left Rear Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Valves Degrees 210 degrees 210 degrees Oven Controls Jabil GOC KitchenAid Premium Jabil GOC KitchenAid Premium Oven Display Scrolling Text Scrolling Text Main Oven Scrolling System Standard Standard Cooking System Self Cleaning - Timed Self Cleaning - Timed Auto Self Clean Latch Yes - Motorized Yes - Motorized Oven Volume (cu ft) Overall Capacity: 3.8; AllAM Overall Capacity: 3.8; AllAM Graddle Type Leg Burner with 1200 W Halo Element Log Burner with 1200 W Halo Element Gas Broile Output (BTU) (Control Panel Location	Front	Front		
Gas Burner Type Sealed Sealed Gas Right Front Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Left Front Output (BTU)(Nat/LP) 14000 BTU/10000 BTU 12500 BTU/10000 BTU Gas Left Area Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Left Area Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Valves Degrees 210 degrees 210 degrees Oven Controls Jabil GOC KitchenAid Premium Jabil GOC KitchenAid Premium Oven Controls Jabil GOC KitchenAid Premium Scrolling Text Main Oven	Control Knob Type, #, Fcn	Cooktop: Infinite Switch Round Domed Design, Bladeless, Skirtless	Cooktop: Infinite Switch Round Domed Design, Bladeless, Skirtless		
Gas Right Front Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Left Front Output (BTU)(Nat/LP) 12500 BTU/10000 BTU 12500 BTU/10000 BTU Gas Right Rear Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Left Rear Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Left Rear Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Left Rear Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Left Rear Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Left Rear Output (BTU)(Nat/LP) 6000 BTU/5000 BTU 5000 BTU/5000 BTU Oven Ostipaly Scrolling Text Scrolling Text Main Oven Standard Standard Cooking System Self Cleaning - Timed Self Cleaning - Timed Auto Self Clean Latch Yes - Motorized Yes - Motorized Oven Volume (cu ft) Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Oven Ignition Type Log Burner with 1200 W Halo Element Log Burner with 1200 W Halo Element Gas Broil Output (BTU) (Nat/LP) 10000 BTU/0000 BTU 10000 BTU/000 BTU <td>Gas Burner Type</td> <td>Sealed</td> <td>Sealed</td>	Gas Burner Type	Sealed	Sealed		
Gas Left Front Output (BTU/Nat/LP) 14000 BTU/13000 BTU 14000 BTU/13000 BTU Gas Left Rear Output (BTU/Nat/LP) 6500 BTU/10000 BTU 6500 BTU/10000 BTU Gas Left Rear Output (BTU/Nat/LP) 6600 BTU/5000 BTU 6000 BTU/5000 BTU Gas Valves Degrees 210 degrees 210 degrees Oven Display Scrolling Text Scrolling Text Main Oven Scrolling Text Scrolling Text Cooking System Standard Standard Cooking System Self Cleaning - Timed Self Cleaning - Timed Auto Self Clean Latch Yes - Motorized Yes - Motorized Oven Volume (cu ft) Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Oven Volume (cu ft) Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Oven Volume (cu ft) Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Oven Volume (cu ft) Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Oven Solume (STT) 16500 BTU/16500 BTU 16500 BTU/16500 BTU Gas Back Output (BTU) (Nat/LP) 16000 BTU/0000 BTU 10000 BTU/0000 BTU Oven Lower Panel/ Door Yes Yes Griddle Part/Comment Yes<	Gas Right Front Output (BTU)(Nat/LP)	6000 BTU/5000 BTU	6000 BTU/5000 BTU		
Gas Right Rear Output (BTU)(NavLP) 12500 BTU/10000 BTU 6000 BTU 12500 BTU/10000 BTU Gas Left Rear Output (BTU)(NavLP) 6000 BTU/5000 BTU 6000 BTU/5000 BTU 6000 BTU/5000 BTU Gas Valves Degrees 210 degrees 210 degrees 210 degrees Oven Controls Jabil GOC KitchenAid Premium Jabil GOC KitchenAid Premium Oven Display Scrolling Text Scrolling Text Main Oven Self Cleaning - Timed Self Cleaning - Timed Cleaning System Self Cleaning - Timed Self Cleaning - Timed Auto Self Clean Latch Yes - Motorized Yes - Motorized Oven Volume (eu ft) Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Oven Ignition Type Log Burner with 1200 W Halo Element Log Burner with 1200 W Halo Element Gas Broile Type Log Burner with 1200 W Halo Element Log Burner with 1200 W Halo Element Griddle Brut/Comment Yes Yes Yes Accessories Yes Yes Yes Griddle Part/Comment 9757426 9757426 9757426 Miscellaneous Protycesin Kit Included <td>Gas Left Front Output (BTU)(Nat/LP)</td> <td>14000 BTU/13000 BTU</td> <td>14000 BTU/13000 BTU</td>	Gas Left Front Output (BTU)(Nat/LP)	14000 BTU/13000 BTU	14000 BTU/13000 BTU		
Gas Left Rear Output (B1U)(Nat/LP)6000 B1U/S000 B1U6000 B1U/S000 B1UGas Left Rear Output (B1U)(Nat/LP)ElectronicElectronicGas Valves Degrees210 degrees210 degreesOven ControlsJabil GOC KitchenAid PremiumJabil GOC KitchenAid PremiumOven DisplayScrolling TextScrolling TextMain OvenCooking SystemSelf Cleaning - TimedCooking SystemSelf Cleaning - TimedSelf Cleaning - TimedAuto Self Clean LatchYes - MotorizedYes - MotorizedOven Volume (cu ft)Overall Capacity: 38; AHAMOverall Capacity: 38; AHAMOven Ignition TypeElectronicElectronicGas Broiler TypeLog Burner with 1200 W Halo ElementLog Burner with 1200 W Halo ElementGas Broil Output (BTU) (Nat/LP)16500 BTU 16500 BTU16500 BTU/16500 BTUGas Broil Output (BTU) (Nat/LP)10000 BTU/9000 BTU10000 BTU/9000 BTUOven Lower Panel/ DoorYesYesYesYesYesGriddle Part/Comment97574269757426Droduct Literature97574479757447Installation Instructions Part/Comment97574479757457Nerds Literature97574479757457Service Manual43173674317367Apticy optical Part/Comment97574529757457Service Manual43173674317367Apticy optical Part/Comment97574579757452Service Manual12 months12 monthsExectoric Controls2nd through 5th year, parts <td>Gas Right Rear Output (BTU)(Nat/LP)</td> <td>12500 BTU/10000 BTU</td> <td>12500 BTU/10000 BTU</td>	Gas Right Rear Output (BTU)(Nat/LP)	12500 BTU/10000 BTU	12500 BTU/10000 BTU		
Gas lgnition CooktopElectronicElectronicGas Valves Degrees210 degrees210 degreesOven ControlsJabil GOC KitchenAid PremiumJabil GOC KitchenAid PremiumOven DisplayScrolling TextScrolling TextMain OvenStandardStandardCooking SystemStandardStandardCleaning SystemSelf Cleaning - TimedSelf Cleaning - TimedAuto Self Clean LatchYes - MotorizedYes - MotorizedOven Volume (cu ft)Overall Capacity: 3.8; AHAMOverall Capacity: 3.8; AHAMOven Ignition TypeElectronicElectronicGas Babie TypeLog Burner with 1200 W Halo ElementLog Burner with 1200 W Halo ElementGas Broil Output (BTU) (Nat/LP)16500 BTU/16500 BTU16500 BTU/16500 BTUOven Lower Panel/ DoorYesYesAccessorisYesYesGriddle Part/Comment97574269757426LP Conversion KitIncludedIncludedLP Conversion Kit Part/Comment97574269757426Miscellarneous975745669757457Product Literature97574579757457Installation Instructions Part/Comment97574579757452, 9757457Service Manual43173674317367Agency ApprovalsCSACSAAgency ApprovalsCSACSAAnti-tip Device With UnitFloorFloorFull12 months12 monthsElectronic Controls2nd through 5th year, parts2nd through 5th year, parts <td< td=""><td>Gas Left Rear Output (BTU)(Nat/LP)</td><td>6000 BTU/5000 BTU</td><td>6000 BTU/5000 BTU</td></td<>	Gas Left Rear Output (BTU)(Nat/LP)	6000 BTU/5000 BTU	6000 BTU/5000 BTU		
Gas Varves Degrees 210 degrees 210 degrees Oven Controls Jabil GOC KitchenAid Premium Jabil GOC KitchenAid Premium Oven Display Scrolling Text Scrolling Text Main Oven Standard Standard Cooking System Standard Standard Auto Self Clean Latch Yes - Motorized Yes - Motorized Oven Volume (cu ft) Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Oven Ignition Type Electronic Electronic Gas Broile Type Log Burner with 1200 W Halo Element Log Burner with 1200 W Halo Element Gas Broile Output (BTU) (Nat/LP) 106500 BTU/16500 BTU 10600 BTU/9000 BTU Gas Broile Output (BTU) (Nat/LP) 10000 BTU/9000 BTU 10000 BTU/9000 BTU Griddle Yes Yes Accessories Yes Yes Griddle Part/Comment 9757426 9757426 Installation Instructions Part/Comment 9757426 9757426 Installation Instructions Part/Comment 9757426 9757426 Mixcellaneous Protuct Literature 9757426 Installation Instructions Part/Comment 9757447 9757447 Tech Sheet Part/Comment 9757457 9757457 Agency Approvals CSA CSA <td>Gas Ignition Cooktop</td> <td>Electronic</td> <td>Electronic</td>	Gas Ignition Cooktop	Electronic	Electronic		
Oven Display Jain Oce RitcleIAd Freinlahr Jain Oce RitcleIAd Freinlahr Oven Display Scrolling Text Scrolling Text Main Oven Cooking System Standard Standard Cleaning System Self Cleaning - Timed Self Cleaning - Timed Self Cleaning - Timed Auto Self Clean Latch Yes - Motorized Yes - Motorized Over all Cleaning - Timed Oven Volume (cu ft) Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Oven Volume (cu ft) Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Oven Volume (cu ft) Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Overall Capacity: 3.8; AHAM Oven Lointon Electronic Electronic Electronic Gas Broil Output (BTU) (Nat/LP) 16500 BTU/16500 BTU 16500 BTU/16500 BTU 10000 BTU/9000 BTU Oven Lower Panel/ Door Yes Yes Yes Griddle Yes Yes Yes Micelaneous 9757426 9757426 9757426 Product Literature 9757452, 9757457 <	Gas valves Degrees	Labil COC Kitchen Aid Promium	Labil COC Kitaban Aid Promium		
Owen DisplayScholing TextMain OvenScholing TextCooking SystemStandardCleaning SystemSelf Cleaning - TimedAuto Self Clean LatchYes - MotorizedOven Volume (cu ft)Overall Capacity: 3.8; AHAMOven Ignition TypeElectronicGas Broiler TypeLog Burner with 1200 W Halo ElementGas Broiler Output (BTU) (Nat/LP)16500 BTUI of Sou BTU/16500 BTU10600 BTU/16500 BTUGas Broiler Output (BTU) (Nat/LP)10000 BTU/16500 BTUI optimum10000 BTU/16500 BTUGas Broiler Output (BTU) (Nat/LP)10000 BTU/16500 BTUI optimum10500 BTU/16500 BTUGriddleYesYesYesGriddleYesYesYesIP Conversion KitIncludedIncludedIncludedLP Conversion Kit Part/Comment9757426Product Literature9757457Installation Instructions Part/Comment97574579757452, 97574579757457Service Manual431736743173674317367Agency ApprovalsCSACSACSAAnti-tip Device With UnitFloorWarrantyFloorFull12 monthsElectronic Controls2nd through 5th year, partsElectronic Controls2nd through 5th year, partsAnd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, partsCaramic Glass Burners2nd through 5th year, parts </td <td>Oven Display</td> <td>Scrolling Text</td> <td>Scrolling Text</td>	Oven Display	Scrolling Text	Scrolling Text		
Main Oven Standard Cooking System Standard Cooking System Self Cleaning - Timed Auto Self Clean Latch Yes - Motorized Oven Volume (cu ft) Overall Capacity: 3.8; AHAM Oven Ignition Type Electronic Gas Broiler Type Log Burner with 1200 W Halo Element Gas Broil Output (BTU) (Nat/LP) 16500 BTU/16500 BTU Gas Back Output (BTU) (Nat/LP) 10000 BTU/9000 BTU Oven Lower Panel/ Door Yes Yes Yes Griddle Yes Griddle Yes Yes Yes Griddle Yes Product Literature 1ncluded Installation Instructions Part/Comment 9757426 Miscellancous 9757457 Product Literature 9757457 Installation Instructions Part/Comment 9757457 Service Manual 4317367 4317367 4317367 Agency Approvals CSA Cara Guide Part/Comment 9757457 Service Manual 12 months	Interior	Scrönnig Text	Scrönnig Text		
Thin OreinStandardStandardCooking SystemSelf Cleaning - TimedSelf Cleaning - TimedAuto Self Clean LatchYes - MotorizedYes - MotorizedOven Volume (cu ft)Overall Capacity: 3.8; AHAMOverall Capacity: 3.8; AHAMOven Ignition TypeElectronicElectronicGas Broiler TypeLog Burner with 1200 W Halo ElementLog Burner with 1200 W Halo ElementGas Broiler TypeLog Burner with 1200 W Halo ElementLog Burner with 1200 W Halo ElementGas Broil Output (BTU) (Nat/LP)16500 BTU/16500 BTU16500 BTU/16500 BTUOven Lower Panel/ DoorYesYesAccessoriesYesYesGriddle Part/Comment43960964396096LP Conversion KitIncludedIncludedLP Conversion KitIncludedIncludedInstallation Instructions Part/Comment97574269757426Verdex Care Guide Part/Comment97574579757457, 975757Verdex Quide Vart/Oromment97574579757457, 975757Service ManualA13173674317367Agency ApprovalsCSACSAAnti-tip Device With UnitFloorFloorWarrantyFull12 months12 monthsElectronic Controls2nd through 5th year, parts2nd through 5th year, partsProcelain Liner/Door2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, parts2nd through 5th year, parts	Main Oven				
Cleaning SystemSelf Cleaning - TimedSelf Cleaning - TimedAuto Self Clean LatchYes - MotorizedYes - MotorizedOven Volume (cu ft)Overall Capacity: 3.8; AHAMOverall Capacity: 3.8; AHAMOven Ignition TypeElectronicElectronicGas Broiler TypeLog Burner with 1200 W Halo ElementLog Burner with 1200 W Halo ElementGas Bake Output (BTU) (Nat/LP)16500 BTU/16500 BTU16500 BTU/16500 BTUGas Bake Output (BTU) (Nat/LP)10000 BTU/9000 BTU10000 BTU/9000 BTUOven Lower Panel/ DoorYesYesAccesoriesYesYesGriddleYesYesGriddle Part/Comment43960964396096LP Conversion KitIncludedIncludedLP Conversion Kit Part/Comment97574269757426Miscellancons97576669757666Product Literature9757452, 97574579757457, 9757457Installation Instructions Part/Comment9757452, 97574579757452, 97574579757452, 9757457Service Manual43173674317367Agency ApprovalsCSACSACasaCiasaCiasaMarturyFloorFloorFull12 months12 monthsExtended22 months22 monthsExtended22 months22 monthsElectronic Controls2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through	Cooking System	Standard	Standard		
Auto Self Clean LatchYes - MotorizedYes - MotorizedOven Volume (cu ft)Overall Capacity: 3.8; AHAMOverall Capacity: 3.8; AHAMOven Ignition TypeElectronicElectronicGas Broiler TypeLog Burner with 1200 W Halo ElementLog Burner with 1200 W Halo ElementGas Bake Output (BTU) (Nat/LP)16500 BTU/16500 BTU16500 BTU/16500 BTUGas Broil Output (BTU) (Nat/LP)10000 BTU/9000 BTU10000 BTU/9000 BTUOven Lower Panel/ DoorYesYesAccessoriesYesGriddleYesYesGriddle Part/Comment43960964396096LP Conversion KitIncludedIncludedLP Conversion Kit Part/Comment97574269757426Product Literature97576669757666Use & Care Guide Part/Comment9757452, 97574579757452, 9757457Service Manual43173674317367Agency ApprovalsCSACSAAnti-tip Device With UnitFloorFloorFull12 months12 monthsExtendedCeramic Glass Cooking SurfaceElectronic Controls2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, parts2nd through 5th year, parts	Cleaning System	Self Cleaning - Timed	Self Cleaning - Timed		
Oven Volume (cu ft)Overall Capacity: 3.8; AHAMOverall Capacity: 3.8; AHAMOven Ignition TypeElectronicElectronicGas Broiler TypeLog Burner with 1200 W Halo ElementLog Burner with 1200 W Halo ElementGas Bake Outpu (BTU) (Nat/LP)16500 BTU/16500 BTU16500 BTU/16500 BTUGas Broil Output (BTU) (Nat/LP)10000 BTU/9000 BTU10000 BTU/9000 BTUOven Lower Panel/ DoorYesYesAccessoriesYesYesGriddle Part/Comment43960964396096LP Conversion KitIncludedIncludedLP Conversion Kit Part/Comment97574269757426Product Literature97576669757666Use & Care Guide Part/Comment9757452, 9757457Service Manual43173674317367Agency ApprovalsCSACSAAnti-tip Device With UnitFloorFloorWarrantyFloorFloorFull12 months12 monthsElectronic Glass Cooking Surface2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, parts2nd through 5th year, parts	Auto Self Clean Latch	Yes - Motorized	Yes - Motorized		
Oven Ignition TypeElectronicElectronicGas Broiler TypeLog Burner with 1200 W Halo ElementLog Burner with 1200 W Halo ElementGas Bake Output (BTU) (Nat/LP)16500 BTU/16500 BTU16500 BTU/16500 BTUOven Lower Panel/ DoorYesYesAccessoriesYesYesGriddleYesYesGriddle Part/Comment43960964396096LP Conversion KitIncludedIncludedIncludedIncludedIncludedWiscellaneous97574269757426Miscellaneous97576669757666Use & Care Guide Part/Comment97576669757666Use & Care Guide Part/Comment9757452, 97574579757452, 9757457Service Manual43173674317367Agney ApprovalsCSACSAAnti-tip Device With UnitFloorFloorWarrantyToorFloorFull12 months12 monthsExtended2nd through 5th year, partsCortrols2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, partsSeeld Gas Burners2nd through 10th year, partsCard through 5th year, parts2nd through 5th year, parts	Oven Volume (cu ft)	Overall Capacity: 3.8; AHAM	Overall Capacity: 3.8; AHAM		
Gas Broiler TypeLog Burner with 1200 W Halo ElementLog Burner with 1200 W Halo ElementGas Bake Output (BTU) (Nat/LP)16500 BTU/16500 BTU16500 BTU/16500 BTUGas Broil Output (BTU) (Nat/LP)10000 BTU/9000 BTU10000 BTU/9000 BTUOven Lower Panel/ DoorYesYesAccessories	Oven Ignition Type	Electronic	Electronic		
Gas Bake Output (BTU) (Nat/LP)16500 BTU/16500 BTU16500 BTU/16500 BTUGas Broil Output (BTU) (Nat/LP)10000 BTU/9000 BTU10000 BTU/9000 BTUOven Lower Panel/ DoorYesYesAccessoriesYesYesGriddleYesYesGriddleYesYesConversion KitIncludedIncludedLP Conversion Kit Part/Comment97574269757426MiscellaneousProduct LiteratureProduct LiteratureInstallation Instructions Part/Comment97574479757447Service Manual43173674317367Agency ApprovalsCSACSAAnti-tip Device With UnitFloorFloorWarrantyFloorFloorFull12 months12 monthsElectronic Controls2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, parts2nd through 5th year, parts	Gas Broiler Type	Log Burner with 1200 W Halo Element	Log Burner with 1200 W Halo Element		
Gas Broil Output (BTU) (Nat/LP)10000 BTU/9000 BTU10000 BTU/9000 BTUOven Lower Panel/ DoorYesYesAccessoriesYesYesGriddle Part/Comment43960964396096LP Conversion KitIncludedIncludedLP Conversion Kit part/Comment97574269757426Miscellaneous97574479757447Product Literature97576669757666Use & Care Guide Part/Comment9757452, 9757457Service Manual43173674317367Agency ApprovalsCSACSAAnti-tip Device With UnitFloorFloorWarrantyFloorFloorFull12 months12 monthsElectronic Controls2nd through 5th year, partsElectronic Controls2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, partsSealed Gas Burners2nd through 5th year, parts <td>Gas Bake Output (BTU) (Nat/LP)</td> <td>16500 BTU/16500 BTU</td> <td>16500 BTU/16500 BTU</td>	Gas Bake Output (BTU) (Nat/LP)	16500 BTU/16500 BTU	16500 BTU/16500 BTU		
Oven Lower Panel/ DoorYesYesAccessoriesGriddleYesGriddle Part/Comment4396096LP Conversion KitIncludedIncludedIncludedLP Conversion Kit Part/Comment9757426MiscellaneousProduct LiteratureInstallation Instructions Part/Comment975744797574669757666Use & Care Guide Part/Comment9757452, 97574579757452, 97574529757452, 9757457Service Manual4317367Agency ApprovalsCSACSACSAMarantyFloorFull12 monthsExtended2nd through 5th year, partsCeramic Glass Cooking Surface2nd through 5th year, partsElectronic Controls2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, partsCard through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, partsSealed Gas Burners2nd through 5th year, partsCard through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, partsCard through 5th year, parts2nd through 5th year, parts	Gas Broil Output (BTU) (Nat/LP)	10000 BTU/9000 BTU	10000 BTU/9000 BTU		
AccessoriesGriddleYesGriddle Part/Comment4396096LP Conversion KitIncludedLP Conversion Kit Part/Comment9757426Product Literature9757426Installation Instructions Part/Comment975744797574479757447Tech Sheet Part/Comment9757666Use & Care Guide Part/Comment9757452, 97574579757452, 9757452, 9757452, 97574579757452, 9757457Service Manual431736743173674317367Agency ApprovalsCSACSACSAMarteryFloorFull12 monthsExtendedCeramic Glass Cooking SurfaceElectronic Controls2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, partsSealed Gas Burners2nd through 5th year, partsCard through 5th year, parts2nd through 5th year, parts	Oven Lower Panel/ Door	Yes	Yes		
GriddleYesYesGriddle Part/Comment43960964396096LP Conversion KitIncludedIncludedLP Conversion Kit Part/Comment97574269757426WiscellancousProduct LiteratureProduct Literature97574479757447Sheet Part/Comment97576669757666Use & Care Guide Part/Comment9757452, 97574579757452, 9757457Service Manual43173674317367Agency ApprovalsCSACSAAnti-tip Device With UnitFloorFloorWarrantyTechnic Glass Cooking Surface12 monthsElectronic Controls2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, parts2nd through 10th year, partsSealed Gas Burners2nd through 5th year, parts2nd through 5th year, parts	Accessories				
Griddle Part/Comment43960964396096LP Conversion KitIncludedIncludedLP Conversion Kit Part/Comment97574269757426WiscellancousProduct LiteratureInstallation Instructions Part/Comment97574479757447Tech Sheet Part/Comment97576669757666Use & Care Guide Part/Comment9757452, 97574579757452, 9757457Service Manual43173674317367Agency ApprovalsCSACSAAnti-tip Device With UnitFloorFloorWarranty12 months12 monthsExtended2nd through 5th year, parts2nd through 5th year, partsElectronic Controls2nd through 5th year, parts2nd through 5th year, partsElectronic Ilements2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 10th year, parts2nd through 5th year, partsSealed Gas Burners2nd through 5th year, parts2nd through 5th year, parts	Griddle	Yes	Yes		
LP Conversion KitIncludedIncludedLP Conversion Kit Part/Comment97574269757426MiscellaneousProduct Literature975000000000000000000000000000000000000	Griddle Part/Comment	4396096	4396096		
LP Conversion Kit Part/Comment97574269757426MiscellaneousProduct LiteratureInstallation Instructions Part/Comment97574479757447Tech Sheet Part/Comment97576669757666Use & Care Guide Part/Comment9757452, 97574579757452, 9757457Service Manual43173674317367Agency ApprovalsCSACSAAnti-tip Device With UnitFloorFloorWarranty12 months12 monthsExtendedExtendedElectronic Glass Cooking SurfaceElectronic Controls2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 10th year, parts2nd through 10th year, partsSealed Gas Burners2nd through 5th year, parts2nd through 10th year, parts	LP Conversion Kit	Included	Included		
MiscellaneousProduct LiteratureInstallation Instructions Part/Comment975744797574479757447Tech Sheet Part/Comment9757666Use & Care Guide Part/Comment9757452, 9757457Service Manual4317367Agency ApprovalsCSACSACSAAnti-tip Device With UnitFloorFull12 monthsExtendedCeramic Glass Cooking SurfaceElectronic Controls2nd through 5th year, partsElectrical Elements2nd through 5th year, partsPorcelain Liner/Door2nd through 10th year, partsSealed Gas Burners2nd through 5th year, parts2nd through 5th year, parts2nd through 5th year, parts	LP Conversion Kit Part/Comment	9757426	9757426		
Product LiteratureInstallation Instructions Part/Comment9757447Tech Sheet Part/Comment9757666Use & Care Guide Part/Comment9757452, 9757457Service Manual4317367Agency ApprovalsCSAAnti-tip Device With UnitFloorWarrantyFull12 monthsExtendedCeramic Glass Cooking SurfaceElectronic Controls2nd through 5th year, partsElectrical Elements2nd through 5th year, partsPorcelain Liner/Door2nd through 10th year, partsSealed Gas Burners2nd through 5th year, parts	Miscellaneous				
Installation Instructions Part/Comment97574479757447Tech Sheet Part/Comment97576669757666Use & Care Guide Part/Comment9757452, 97574579757452, 9757457Service Manual43173674317367Agency ApprovalsCSACSAAnti-tip Device With UnitFloorFloorWarranty12 months12 monthsFull12 months12 monthsExtendedExtendedCeramic Glass Cooking Surface2nd through 5th year, parts2nd through 5th year, partsElectroic Controls2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 10th year, parts2nd through 5th year, partsSealed Gas Burners2nd through 5th year, parts2nd through 5th year, parts	Product Literature				
Tech Sheet Part/Comment97576669757666Use & Care Guide Part/Comment9757452, 97574579757452, 9757457Service Manual43173674317367Agency ApprovalsCSACSAAnti-tip Device With UnitFloorFloorWarranty12 months12 monthsFull12 months12 monthsExtendedExtendedEtectronic Glass Cooking SurfaceElectronic Controls2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 5th year, parts2nd through 5th year, partsSealed Gas Burners2nd through 5th year, parts2nd through 5th year, parts	Installation Instructions Part/Comment	9757447	9757447		
Use & Care Guide Part/Comment9757452, 97574579757452, 9757457Service Manual43173674317367Agency ApprovalsCSACSAAnti-tip Device With UnitFloorFloorWarrantyFull12 months12 monthsExtendedCeramic Glass Cooking SurfaceElectronic Controls2nd through 5th year, parts2nd through 5th year, partsElectrical Elements2nd through 5th year, parts2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 10th year, parts2nd through 5th year, parts2nd through 5th year, partsSealed Gas Burners2nd through 5th year, parts2nd through 5th year, parts2nd through 5th year, parts	Tech Sheet Part/Comment	9757666	9757666		
Service Manual43173674317367Agency ApprovalsCSACSAAnti-tip Device With UnitFloorFloorWarrantyFull12 months12 monthsFull12 months12 months12 monthsExtendedExtendedExtended12 monthsCeramic Glass Cooking Surface2nd through 5th year, parts2nd through 5th year, partsElectronic Controls2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 10th year, parts2nd through 10th year, partsSealed Gas Burners2nd through 5th year, parts2nd through 5th year, parts	Use & Care Guide Part/Comment	9757452, 9757457	9757452, 9757457		
Agency ApprovalsCSACSAAnti-tip Device With UnitFloorFloorWarrantyFull12 months12 monthsExtendedCeramic Glass Cooking SurfaceElectronic Controls2nd through 5th year, parts2nd through 5th year, partsElectrical Elements2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 10th year, parts2nd through 10th year, partsSealed Gas Burners2nd through 5th year, parts2nd through 5th year, parts	Service Manual	4317367	4317367		
Anti-tip Device with UnitFloorFloorWarrantyFull12 monthsExtendedCeramic Glass Cooking SurfaceElectronic Controls2nd through 5th year, partsElectrical Elements2nd through 5th year, partsPorcelain Liner/Door2nd through 10th year, partsSealed Gas Burners2nd through 5th year, parts	Agency Approvals	CSA	CSA		
Warranty Full 12 months Extended 12 months Ceramic Glass Cooking Surface 2nd through 5th year, parts Electronic Controls 2nd through 5th year, parts Electrical Elements 2nd through 5th year, parts Porcelain Liner/Door 2nd through 10th year, parts Sealed Gas Burners 2nd through 5th year, parts	Anti-tip Device with Unit	Floor	F100r		
Full 12 months Extended Ceramic Glass Cooking Surface Electronic Controls 2nd through 5th year, parts Electrical Elements 2nd through 5th year, parts Porcelain Liner/Door 2nd through 10th year, parts Sealed Gas Burners 2nd through 5th year, parts	warranty Evil	12 months	12 months		
Extended Ceramic Glass Cooking Surface Electronic Controls 2nd through 5th year, parts Electrical Elements 2nd through 5th year, parts Porcelain Liner/Door 2nd through 10th year, parts Sealed Gas Burners 2nd through 5th year, parts	1°uii Extended	12 11011018	12 11011015		
Electronic Controls2nd through 5th year, parts2nd through 5th year, partsElectrical Elements2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 10th year, parts2nd through 10th year, partsSealed Gas Burners2nd through 5th year, parts2nd through 5th year, parts	Ceramic Glass Cooking Surface				
Electrical Elements2nd through 5th year, parts2nd through 5th year, partsPorcelain Liner/Door2nd through 10th year, parts2nd through 10th year, partsSealed Gas Burners2nd through 5th year, parts2nd through 5th year, parts	Electronic Controls	2nd through 5th year parts	2nd through 5th year parts		
Porcelain Liner/Door2nd through 5th year, parts2nd through 10th year, partsSealed Gas Burners2nd through 5th year, parts2nd through 5th year, parts	Electrical Elements	2nd through 5th year, parts	2nd through 5th year, parts		
Sealed Gas Burners2nd through 10th year, parts2nd through 10th year, parts	Porcelain Liner/Door	2nd through 10th year, parts	2nd through 10th year, parts		
	Sealed Gas Burners	2nd through 5th year, parts	2nd through 5th year, parts		

Model Number	KGRA806P BL, BT, SS, WH	KGSA906P BL, BT, SS, WH	
	True Convection with	Slide-In: True Convection with	
Model Description	Easy Convect Conversion	Easy Convect Conversion	
Division Name	Oxford	Oxford	
Dimensions/Specifications			
Weight			
Shipping Weight (lbs)	185	180	
Ratings			
Electric Voltage/Phase/Frequency(Hz)	120 V	120 V	
Circuit Amps	15	15	
Exterior			
Main Oven Door	Black Painted Steel Over Glass	Black Painted Steel Over Glass	
Brotler Stop	No	IN0 Front	
Control Panel Location	Front	FIOIR Coolston: Infinite Switch Dound	
Control Knoh Type # Ecn	Cooktop: Infinite Switch Round	Domed Design Bladeless Skirtless	
Gas Burner Type	Sealed	Sealed	
Gas Right Front Output (BTU)(Nat/LP)	6000 BTU/5000 BTU	6000 BTU/5000 BTU	
Gas Left Front Output (BTU)(Nat/LP)	Triple Tier(TM): 15000 BTU/14000 BTU	Triple Tier(TM): 15000 BTU/14000 BTU	
Gas Right Rear Output (BTU)(Nat/LP)	12500 BTU/10000 BTU	12500 BTU/10000 BTU	
Gas Left Rear Output (BTU)(Nat/LP)	6000 BTU/5000 BTU	6000 BTU/5000 BTU	
Gas Ignition Cooktop	Electronic	Electronic	
Gas Valves Degrees	210 degrees	210 degrees	
Oven Controls	Jabil GOC KitchenAid Premium	Jabil GOC KitchenAid Premium	
Oven Display	Scrolling Text	Scrolling Text	
Interior			
Main Oven			
Cooking System	True Convection	True Convection	
Cleaning System	Self Cleaning - Soil Level & Timed	Self Cleaning - Soil Level & Timed	
Auto Self Clean Latch	Yes - Motorized	Yes - Motorized	
Oven Volume (cu ft)	Overall Capacity: 3.6; AHAM	Overall Capacity: 3.6; AHAM	
Oven Ignition Type	Electronic	Electronic	
Gas Broiler Type	Log Burner with 1200 W Halo Element	Log Burner with 1200 W Halo Element	
Gas Bake Output (BTU) (Nat/LP)	16500 BTU/16500 BTU	16500 BTU/16500 BTU	
Gas Broil Output (BTU) (Nat/LP)	10000 BTU/9000 BTU	10000 BTU/9000 BTU	
Oven Lower Panel/ Door	Yes	Yes	
Accessories			
Griddle	Yes	Yes	
Griddle Part/Comment	4396096	4396096	
LP Conversion Kit	2 Included	2 Included	
LP Conversion Kit Part/Comment	9/5/426; Triple Tier(TM): 9/5/42/	9/5/426; Triple Tier(TM): 9/5/42/	
MISCELLATEOUS			
Installation Instructions Part/Commont	0757447	0757447	
Tech Sheet Part/Comment	9757665	9757665	
Use & Care Guide Part/Comment	9757452 9757457	9757452, 9757457	
Service Manual	4317367	4317367	
Agency Approvals	CSA	CSA	
Anti-tip Device With Unit	Floor	Floor	
Warranty	2 2 -	1	
Full	12 months	12 months	
Extended			
Ceramic Glass Cooking Surface			
Electronic Controls	2nd through 5th year, parts	2nd through 5th year, parts	
Electrical Elements	2nd through 5th year, parts	2nd through 5th year, parts	
Porcelain Liner/Door	2nd through 10th year, parts	2nd through 10th year, parts	
Sealed Gas Burners	2nd through 5th year, parts	2nd through 5th year, parts	

Model Number	KGRK806P BL, BT, SS, WH		
	True Convection with		
Model Description	Fasy Convect Conversion		
Division Name	Oxford		
Dimensions/Specifications	onora		
Weight			
Shipping Weight (lbs)	185		
Ratings			
Electric Voltage/Phase/Frequency(Hz)	120V		
Circuit Amps	15		
Exterior			
Main Oven Door	Black Painted Steel Over Glass		
Broiler Stop	No		
Control Panel Location	Front		
	Cooktop: Infinite Switch Round		
Control Knob Type, #, Fcn	Domed Design, Bladeless, Skiftless		
Gas Burner Type			
Gas Right Front Output (BTU)(Nat/LP)	0000 B10/3000 B10 Triple Tigr(TM): 15000 PTU/14000 PTU		
Gas Pight Poor Output (BTU)(Nat/LP)	12500 BTU/10000 BTU		
Gas Left Rear Output (BTU)(Nat/LP)	6000 BTU/5000 BTU		
Gas Ignition Cookton	Flectronic		
Gas Valves Degrees	210 degrees		
Oven Controls	Jabil GOC KitchenAid Premium		
Oven Display	Scrolling Text		
Interior			
Main Oven			
Cooking System	True Convection		
Cleaning System	Self Cleaning - Soil Level & Timed		
Auto Self Clean Latch	Yes - Motorized		
Oven Volume (cu ft)	Overall Capacity: 3.6; AHAM		
Oven Ignition Type	Electronic		
Gas Broiler Type	Log Burner with 1200 W Halo Element		
Gas Bake Output (BTU) (Nat/LP)	16500 BTU/16500 BTU		
Gas Broil Output (BTU) (Nat/LP)	10000 BTU/9000 BTU		
Oven Lower Panel/ Door	Yes		
Accessories			
Griddle	Yes - Included		
Griddle Part/Comment	9755634		
LP Conversion Kit	2 Included		
LP Conversion Kit Part/Comment	9757426; Triple Tier(TM): 9757427		
Miscellaneous			
Product Literature			
Installation Instructions Part/Comment	9757447		
Tech Sheet Part/Comment	9757665		
Use & Care Guide Part/Comment	4217267		
Service Manual	451/30/		
Agency Approvals	Floor		
Warranty	1 1001		
Full	12 months		
Extended			
Ceramic Glass Cooking Surface			
Electronic Controls	2nd through 5th year, parts		
Electrical Elements	2nd through 5th year, parts		
Porcelain Liner/Door	2nd through 10th year, parts		
Sealed Gas Burners	2nd through 5th year, parts		

KITCHENAID GAS RANGE WARRANTY

LENGTH OF WARRANTY	KITCHENAID WILL PAY FOR:
FULL ONE YEAR WARRANTY From Date of Purchase.	Replacement parts and repair labor costs to correct defects in materials or workmanship. Service must be provided by a KitchenAid designated service company.
SECOND THROUGH FIFTH YEAR LIMITED WARRANTY From Date of Purchase.	On ceramic glass ranges and ceramic glass cooktops, when this appliance is operated and maintained according to instructions attached to or furnished with the product, KitchenAid will pay for factory-specified parts and repair labor for the ceramic glass cooktop. KitchenAid warrants that the ceramic glass cooktop will not discolor, the cooktop pattern will not wear off, the rubber seal between the ceramic glass cooktop and porcelain edge will not crack, and the ceramic glass cooktop will not crack due to thermal shock. On gas ranges and gas cooktops, KitchenAid will pay for factory- specified parts and repair labor for any gas burner to correct defects in materials or workmanship. Service must be provided by a KitchenAid- designated service company.
SECOND THROUGH TENTH YEAR LIMITED WARRANTY From Date of Purchase.	Replacement parts for the porcelain oven cavity/inner door if the part rusts through due to defects in materials or workmanship.

KITCHENAID WILL NOT PAY FOR:

A. Service calls to:

- 1. Correct the installation of the range.
- 2. Instruct you how to use the range.
- 3. Replace house fuses or correct house wiring.
- B. Repairs when range is used in other than normal, single family household use.
- C. Damage resulting from accident, alteration, misuse, abuse, fire, flood, acts of God, improper installation, or installation not in accordance with local electrical codes.
- D. Any labor costs during the limited warranties.
- E. Replacement parts or repair labor costs for units operated outside the United States and Canada.
- F. Pickup and delivery. Your range is designed to be repaired in the home.
- G. Repairs to ceramic glass cooktop if it has not been cared for as recommended in the Use and Care Guide.
- H. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
- I. In Canada, travel or transportation expenses to customers who reside in remote areas.

KITCHENAID OR KITCHENAID CANADA DO NOT ASSUME ANY RESPONSIBILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state-to-state or province-to-province.

Outside the United States and Canada, a different warranty may apply. For details, please contact your authorized KitchenAid dealer.

If you need service first see the "Troubleshooting" section of the Use and Care Guide. After checking "Troubleshooting," additional help can be found by checking the "Assistance or Service" section, or by calling our Customer Interaction Center telephone numbers, listed below, from anywhere in the U.S.A. or Canada.

KitchenAid: 1-800-422-1230 Canadian Residents call: 1-800-807-6777

- NOTES -

INSTALLATION INFORMATION GAS SUPPLY REQUIREMENTS



Explosion Hazard

Use a new AGA or CSA approved gas supply line.

Install a shutoff valve.

Securely tighten all gas connections.

If connected to L.P. gas, have a qualified person make sure gas pressure does not exceed 14" water column.

Examples of a qualified person include licensed heating personnel, authorized gas company personnel, and authorized service personnel.

Failure to do so can result in death, explosion, or fire.

Observe all governing codes and ordinances.

IMPORTANT: Range must be connected to a regulated gas supply.

 This installation must conform with local codes and ordinances. In the absence of local codes, installations must conform with American National Standard, National Fuel Gas Code ANSI Z223.1—latest edition* or CANI-B149—latest edition** installation codes.

Copies of the standards listed may be obtained from:

- * American Gas Association 1515 Wilson Boulevard Arlington, Virginia 22209
- ** CSA International 8501 East Pleasant Valley Road Cleveland, Ohio 44131-5575

- 2. Input ratings shown on the model/serial rating plate are for elevations up to 2,000 feet (609.6 m). For elevations above 2,000 feet (609.6 m), ratings are reduced at a rate of 4% for each 1,000 feet (304.8 m) above sea level. (Not applicable for Canada.)
- 3. This range is equipped for use with Natural gas. It is design-certified by AGA/CSA for Natural and L.P. gas with appropriate conversion. Conversion to L.P. gas can be made using the kit included in the literature package. The model/serial rating plate has information on the type of gas that can be used. If this information does not agree with the type of gas available, check with your KitchenAid dealer.
- 4. Provide a gas supply line of 3/4" (1.9 cm) rigid pipe to the range location. A smaller size pipe on long runs may result in insufficient gas supply. Pipe-joint compounds appropriate for use with L.P. gas must be used. With L.P. gas, piping or tubing size can be 1/2" (1.3 cm) minimum. L.P. gas suppliers usually determine the size and materials used on the system.
- 5. If local codes permit, a new AGA/CSA design-certified, 4-5 foot (122 -152.4 cm) long, 1/2" (1.3 cm) or 3/4" (1.9 cm) I.D., flexible metal appliance connector is recommended for connecting this range to the gas supply line. Do Not kink or damage the flexible tubing when moving the range. A 1/2" (1.3 cm) male pipe thread is needed for connection to pressure regulator female pipe threads.



Flexible Gas Supply Line

Continued on the next page.

6. The supply line shall be equipped with an approved shutoff valve. This valve should be located in the same room, but external to the range, and should be in a location that allows ease of opening and closing. Do Not block access to shutoff valve.



 If rigid pipe is used as a gas supply line, a combination of pipe fittings must be used to obtain an in-line connection to the range. All strains must be removed from the supply and fuel lines so the range will be level and in line.



 The regulator setting must be checked at a minimum of 1 inch water column above the manifold pressure. The inlet pressure to the regulator should be as follows for operation:

Natural gas:

Manifold pressure—5 inches Maximum pressure—14 inches

- L.P. gas: Manifold pressure—10 inches Maximum pressure—14 inches
- 9. Line pressure testing: Testing above 1/2 psi (gauge)

The range and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures greater than 1/2 psig (3.5 kPa).

Testing at 1/2 psi (gauge) or lower

The range must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.5 kPa).

ELECTRICAL REQUIREMENTS



Electrical Shock Hazard

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 follow these instructions can result in death, fire, or electrical shock.

If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.

Do Not ground to a gas pipe.

Check with a qualified electrician if you are not sure range is grounded.

Do Not have a fuse in the neutral or ground circuit.

A 120-volt, 60-Hz, AC-only, 15-ampere, fused electrical circuit is required. A time-delay fuse or circuit breaker is recommended. It is recommended that a separate circuit serving only this range be provided.

Electronic ignition systems operate within wide voltage limits, but proper grounding and polarity are necessary. In addition to checking that the outlet provides 120-volt power and is correctly grounded, the outlet must be checked by a qualified electrician to see if it is wired with correct polarity. **NOTE:** The metal chassis of the range MUST be grounded in order for the control panel to work. If the metal chassis of the range is not grounded, NO keypads will operate. Check with a qualified electrician if you are in doubt as to whether the metal chassis of the range is grounded.

Recommended ground method

For personal safety, this range is equipped with a power supply cord having a 3-prong ground plug. To minimize possible shock hazard, the cord must be plugged into a mating 3-prong, ground-type outlet, grounded in accordance with the National Electrical Code, ANSI/NFPA 70—latest edition* or CSA Standard C22.1, Canadian Electrical Code, Part 1,—latest edition** and all local codes and ordinances. If a mating outlet is not available, it is the personal responsibility and obligation of the customer to have a properly grounded, 3-prong outlet installed by a qualified electrician.

Copies of the standards listed may be obtained from:

- * National Fire Protection Association Batterymarch Park Quincy, Massachusetts, 02269
- ** CSA International 8501 East Pleasant Valley Road Cleveland, Ohio 44131-5575

L.P. GAS CONVERSION



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.



Fire Hazard

Shut off gas supply line valve.

Make all conversions before turning gas supply valve back on.

Failure to follow these instructions could result in explosion, fire, or other injury.

NOTE: Gas conversion from Natural to L.P. gas must be done by a qualified installer. Examples of a qualified installer include licensed heating personnel, authorized gas company personnel, and authorized service personnel.

L.P. gas must not be used unless the L.P. conversion has been made using the kit that is included with this range. See the "Gas Supply Requirements" starting on page 2-1.

1. Check to make sure that the main gas supply line to the range has been shut off, and that the power supply cord is disconnected from the AC outlet.



- 2. To convert the surface burners for use with L.P. gas:
 - a)Remove the grates and burner caps from the cooktop.
 - b) Remove the two screws from each of the burner heads and lift the heads off the cooktop.



NOTE: The L.P. orifices are fastened to the back of the range near the bottom on a cardboard form.



c) Use an 8 mm socket and carefully remove the orifice spud from each of the three standard surface burners.



- 3. To convert the TripleTier[™] Crown burner:
 - a) Remove the grate and burner caps from the cooktop.
 - b) Remove the four T-20 torx screws from the burner ring and remove the ring.



Burner Ring – Screw (1 of 4)

c) Remove the three T-20 torx screws from the burner cover and remove the cover.



Burner Cover -Screw (1 of 3) d) Remove the two T-20 torx screws from the orifice cover and remove the cover.

- Orifice Cover (2 Screws)
 - e) Use a 7 mm nut driver and remove the two burner orifices.



4. Install the L.P. gas orifices in the burners as shown in the following charts (do not overtighten them).

Standard Burners

Rating	Color	Size	Burner
5,000 B.T.U.	Red	0.70 mm	RF & LR
10,000 B.T.U.	Blue	0.95 mm	RR
13,000 B.T.U.	Green	1.10 mm	LF

TripleTier[™] Crown Burner

Rating	Color	Size	Burner
11,800 B.T.U.	Brown	1.00 mm	External
2,200 B.T.U.	Orange	0.42 mm	Internal

Continued on the next page.

- 5. Place the natural gas orifices in the orifice card holes.
- 6. Replace the burner caps and grates.
- 7. To convert the broil burner for use with L.P. gas:
 - a)Open the oven door and remove the oven racks.
 - b) Use a 1/2" open-end wrench and turn the orifice hood down snug onto the pin (approximately 2-1/2 turns). DO NOT OVERTIGHTEN THE ORIFICE. The burner flame cannot be properly adjusted if this conversion is not made.
 - c) Reinstall the oven racks and close the oven door.



Broil Burner Orifice



- 8. To convert the bake burner for use with L.P. gas:
 - a) Remove the bake burner from the gas distribution valve orifice (see page 4-16 for the procedure).
 - b) Use a 1/2" open-end wrench and turn the bake burner orifice hood down snug onto the pin (approximately 2-1/2 turns).
 DO NOT OVERTIGHTEN THE ORI-FICE. The burner flame cannot be properly adjusted if this conversion is not made.



9. To convert the gas distribution valve for use with L.P. gas:

a)Remove the storage drawer from the range.



Gas Distribution Valve

b) Pull the plastic cap off the gas distribu-

tion valve conversion cap.

c) Unscrew the conversion cap from the gas distribution valve and remove it and the plastic cap. Note the difference between the L.P. and Natural gas ends of the cap.







- d) Install the loop on the plastic cap over the natural gas side of the conversion cap.
- e) Install the plastic cap and the conversion cap on the gas distribution valve with the L.P. side facing up (you will see "LP" stamped inside the cap, as shown below).
- f) Reinstall the storage drawer.



Plastic Cap

Conversion Cap Set For Use With L.P. Gas



10. Turn the gas supply valve handle on.



Gas Valve Handle To "On" Position

2-7

ADJUSTING FOR THE PROPER FLAME

SURFACE BURNERS

- 1. Turn on one of the surface burners and set the flame to its lowest (LO) setting. The flame should be steady and the inner cone should be dark blue in color. The size should be approximately 1/4" (0.64 cm) high.
- 2. If the low flame needs to be adjusted:
 - a) Remove the control knob.
 - b) Look inside the gas valve stem and note the small screw. Insert a small screwdriver into the gas valve stem and fit it in the screw slot.



- c) Hold the gas valve stem with a pair of pliers, and turn the screw in either direction until the flame size is approximately 1/4" high.
- d) Replace the control knob.
- e) Turn the control knob from HI to LO and check to make sure that it remains adjusted properly.
- f) Check the other three burners, and adjust them, if necessary.

TRIPLETIER[™] CROWN BURNER

- 1. Remove the control knobs from the five gas valves.
- 2. Remove the control panel from the front panel (see page 4-2).
- 3. Pull the rubber shield off the gas valve stem.
- 4. Turn on the power and gas and set the inner and outer burner flames to the LO setting.
- 5. One at a time, insert a flat-blade screwdriver into the slot in the external and internal adjustment screws.Turn each of the screws until the flame sizes are as small as possible without going out.



6. Quickly turn the gas valve from LO to HI, and then back to LO. Both flames should be on steady and not go out.

BAKE & BROIL BURNERS

- 1. Remove the oven racks and oven bottom.
- 2. Light the bake and broil burners, then check their flames. They should be approximately 1/2" (1.3 cm) high.
- 3. If the bake or broil burner flame needs to be adjusted:
 - a) Loosen the locking screw on the burner air shutter. **NOTE:** For the bake burner, you will have to remove the unit from its mounting location to access the air shutter.



- b) Adjust the air shutter until the flame is the proper height. The inner cone should be bluish-green, and the outer mantle should be dark blue. There should be no blowing or lifting of the flame away from the burner ports.
 NOTE: Natural gas flame does not have a yellow tip.
- c) Retighten the air shutter screw.



INSTALLING THE ANTI-TIP BRACKET



Tip-Over Hazard

A child or adult can tip the range and be killed.

Connect anti-tip bracket to rear range foot.

Reconnect the anti-tip bracket, if the range is moved.

Failure to follow these instructions can result in death or serious burns to children and adults.

PARTS SUPPLIED

(2) Plastic Anchors

(2) Screws





(1) Anti-Tip Bracket



Template



NOTE: The anti-tip bracket can be installed to hold either the right or left rear leg of the range.

- 1. Determine which leg you wish to anchor to the floor.
- 2. Place the template on the floor in the range opening so that the top edge is against the wall, molding, or cabinet, and the template is in the location where the anti-tip bracket will be installed.
- 3. Tape the template to the floor.



NOTE: For mounting to a wood floor, proceed with step 4. For concrete or ceramic floors, proceed to step 5.

- 4. To mount the anti-tip bracket to a wood floor:
 - a) Use the template to mark the hole locations to be drilled.
 - b) Use a 1/8" drill bit and drill the two holes.



- c) Remove the template from the floor.
- d) Line up the two mounting holes in the anti-tip bracket with the two holes you just drilled in the floor.
- e) Use the two screws that were supplied and fasten the anti-tip bracket to the floor.



- 5. To mount the anti-tip bracket to a concrete or ceramic floor:
 - a) Use the template to mark the hole locations to be drilled.
 - b)Use a 3/16" drill bit and drill the two holes.

- c) Remove the template from the floor.
- d) Tap the two plastic anchors into the mounting holes with a hammer.
- e) Line up the two mounting holes in the anti-tip bracket with the two holes you just drilled in the floor.
- f) Use the two screws that were supplied and fasten the anti-tip bracket to the floor.
- 6. Move the range close to the cabinet opening and plug the power supply cord into a grounded outlet.
- 7. Move the range into position and make sure that the rear leveling leg slides into the anti-tip bracket, as shown.



- NOTES -

THEORY OF OPERATION CONVECTION BOWTIE BAFFLE

AIRFLOW

The bowtie baffle provides a wider air flow throughout the oven when using the convection cooking modes. The baffle, shown below, is for an electric, Oxford-built oven. The gas version of the Oxford oven has fewer air outlets, which eliminates too much air movement during cooking (safety).

The correct baffle must always be used when servicing a gas or electric oven. The oven cavity for Tulsa-built ranges is larger, (4.65 cu. ft. as compared to 3.93 cu. ft.), and requires a different baffle. In a gas range, the convection fan will not turn on for the first four minutes of operation. This is to assure that a proper gas flame is present before the convection fan starts to circulate air in the oven cavity.

The fan blows hot air out the baffle along the outer edges of the oven cavity, toward the front, over the food, and back into the fan inlet. There are air slots at the top and bottom of the center circle, which adds to the overall air flow system.



Electric Oxford-Built Oven Convection Bowtie Baffle System

- NOTES -

COMPONENT ACCESS

This section instructs you on how to service each component inside the Self-Cleaning Slide-In/ Freestanding Gas Ranges. The components and their locations are shown below.



REMOVING THE EOC ASSEMBLY ON SLIDE-IN & FREESTANDING MODELS, AND THE USER INTERFACE



Replace all parts and panels before operating.

Failure to do so can result in death or electrical shock.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Remove the two grates from the top of the range.
- 4. Pull the range forward so you can access the two end cap screws.
- 5. To remove the electronic oven control (EOC) assembly on slide-in models:
 - a) Pull the knobs off the gas valves.
 - b) Remove the two screws from the sides of the end caps.



c) Open the oven door and remove the indicated screws from the bottom of the control panel.



Control Panel Screws

d) Pull out on the bottom of the control panel, unclip the top edge from the bracket, and rotate the control panel forward so you can access the components.



- e) Disconnect the wire connectors from the electronic oven control board at P1 and P2, and the ribbon cable connector at P40.
- f) Remove the four screws from the electronic oven control housing, and remove the assembly from the control panel. NOTE: The EOC boards and the housing are replaced as an assembly.



- 6. To remove the electronic oven control (EOC) assembly on freestanding models:
 - a) Open the oven door, and remove the screws from the bottom of the control panel (see the photo in step 5c).
 - b) Remove the two cooktop trim screws.
 - c) Slide the cooktop trim back to expose the end cap screw, and remove the screws (1 on each side).
 - d) Perform steps 5d, 5e, and 5f on page 4-2 to remove the EOC assembly.

Control Panel



- 7. To remove the user interface:
 - a) Remove the electronic oven control assembly (see steps 5 or 6).
 - b) Remove the four machine screws from the control panel mounting brackets, and remove the user interface and its bracket.





Electronic Oven Control (EOC) Assembly



REMOVING THE IGNITION SWITCHES, GAS VALVES, AND CONTROL & COOLING FAN THERMAL SWITCHES



- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Remove the two grates from the top of the range.
- 4. Remove the control panel (see step 4 on page 4-2 for the procedure).



Control Thermal Sw.

Cooling Fan Thermal Sw.



5. To remove the standard ignition switches:

NOTE: The standard ignition switches must be replaced as an assembly. They cannot be replaced individually.

- a) Pull out on the standard ignition switches and unsnap them from the gas valves, then slide them off the valve stems.
- b) Disconnect the ignition switch wire connector from the main harness, cut the wire tie, and remove the standard switches.



- 6. To remove the TripleTier[™] Crown Burner ignition switch:
 - a) Disconnect the two wires from the ignition switch terminals.
 - b) Remove the two screws from the ignition switch and remove the switch from the mounting plate.



7. To remove a standard gas valve:

- a) Remove the ignition switch from the gas valve you are servicing (see step 5).
- b) Remove the 1/2" gas line connector from the gas valve.
- c) Remove the 1/4" hex-head gas valve mounting screw and its rubber seal from the front of the gas manifold.
- d) Lift the gas valve off the ignition switch mounting plate and the gas manifold.



- 8. To remove a TripleTier[™] Crown Burner gas valve (see the photo at the top right column):
 - a) Remove the two ignition mounting plate screws from the gas valve, and pull the plate and switch off the valve.
 - b) Remove the two 1/2" gas line connectors from the gas valve.
 - c) Remove the 1/4" hex-head gas valve mounting screw and its rubber seal from the front of the gas manifold.
 - d) Lift the TripleTier[™] Crown Burner gas valve off the ignition switch mounting plate and the gas manifold.



9. To remove a thermal switch:

- a) Remove the wires from the terminals.
- b) Remove the mounting screws.

Control Or — Cooling Fan Thermal Switch



REASSEMBLY NOTES:

- Before reinstalling the gas valve, make sure that the rubber seals on the mounting screw, and on the valve, are not cracked or damaged. If they are, replace them.
- Perform a leak check on the gas valve after reinstalling it. Use a soap bubble method to perform the check.



REMOVING THE DOOR LATCH ASSEMBLY, THE SPARK MODULE (DSI), AND THE CONTROL POWER SUPPLY



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.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Remove the two grates from the top of the range.
- 4. Remove the control panel (see step 4 on page 4-2 for the procedure).



Spark Module Door Latch Assy Ctrl Pwr Supply

- 5. To remove the door latch assembly:
 - a) Open the oven door and remove the two front mounting screws from the air vent.



b) Remove the two top screws from the door latch assembly bracket.



- c) Pull the door latch assembly forward as far as it will go, and disconnect the wires from the terminals of the two switches and the motor.
- d) Remove the door latch assembly from the unit.



6. To remove the spark module (DSI):a) Remove the bracket mounting screw.



Bracket Mounting Screw

- b) Pull the spark module forward as far as it will go and disconnect the wires from the terminals, then remove the spark module from the unit.
- c) Remove the spark module mounting screw from the bracket and remove the module from the bracket.



Module Mounting Screw

- 7. To remove the control power supply:
 - a) Remove the control power supply bracket mounting screw.



Bracket Mounting Screw

b) Pull the control power supply forward as far as it will go, and disconnect the wires from the terminals, then remove the power supply from the unit.



Pull Out

c) Remove the control power supply housing mounting screws from the bracket and remove the bracket from the housing.



REMOVING THE POWER SUPPLY TRANSFORMER



Electrical Shock Hazard

Disconnect power before servicing. Replace all parts and panels before

Failure to do so can result in death or electrical shock.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.

operating.

- 3. Remove the control panel (see step 4 on page 4-2 for the procedure).
- 4. Remove the control power supply (see step 7 on page 4-7 for the procedure).



Power Supply Transformer (Behind Control Power Supply)

- 5. Using a 90° offset screwdriver, remove the screw from the power supply transformer.
- 6. Disconnect the 2-wire primary wire connector on the power supply transformer from the wiring harness. Cut the wire tie from around the primary wires.
- 7. Unhook the flange on the end of the power supply transformer from the mounting bracket slot, and remove the transformer from the front of the unit.

Screw Flange In Slot Primary Connector



REMOVING THE COOKTOP, AND A SURFACE BURNER & IGNITOR



operating. Failure to do so can result in death or

Failure to do so can result in death or electrical shock.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Pull the range out of its mounting location so that you can access the rear of the unit.
- 4. Remove the grates, the vent cover, and the burner caps from the top of the range.
- 5. Remove the two screws from each of the standard burner heads and lift the heads off the cooktop.



TripleTier[™] Burner



6. Remove the four burner ring Torx screws from the TripleTier[™] Burner and lift the ring off the cooktop.



7. Remove the three TripleTier[™] Burner base cover Torx screws and remove the cover.



8. To remove the cooktop:

a) Remove the screws from the left, right, and rear trim pieces and remove the trim from around the cooktop.



Continued on the next page.

b) Lift the rear of the cooktop off the unit, and set it aside.





- 9. To remove a standard surface burner and ignitor:
 - a) Remove the cooktop (see step 8).
 - b) Remove the gas line.
 - c) Disconnect the ignitor wire from the terminal.
 - d) Remove the two bracket screws from the burner box.



e) Remove the two hex-head bracket screws and remove the burner from the bracket.



f) Remove the screw from the ignitor.



- 10. To remove the TripleTier[™] Burner base and ignitor:
 - a) Remove the cooktop (see step 8).
 - b) Remove the two gas lines.



Gas Line Nuts
c) Remove the three Torx screws from the burner base.



d) Slide the ignitor clip off the ignitor.



- e) Remove the control panel (see page 4-2 for the procedure).
- f) Disconnect the TripleTier[™] Burner base ignitor wire from the spark module terminal and remove the ignitor and wire from the unit.



REMOVING THE REAR PANEL



Electrical Shock Hazard Disconnect power before servicing. Replace all parts and panels before

Failure to do so can result in death or electrical shock.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.

operating.

- 3. Pull the range out of its mounting location so that you can access the rear of the unit.
- 4. From the rear of the unit, remove the four screws from the top bracket and remove the bracket.



5. Remove the eleven screws from the rear panel and remove the panel.



REMOVING AN OVEN LIGHT SOCKET ASSEMBLY



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.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Pull the range out of its mounting location so that you can access the rear of the unit.
- 4. Open the oven door and remove the racks from inside the oven.



5. Unscrew the lens and bulb from the oven light socket assembly and remove them.





Lens & Bulb

Oven Light Socket

- 6. Remove the rear panel from the unit (see page 4-12 for the procedure).
- 7. Disconnect the two wire connectors from the oven light socket terminals.
- 8. Move the insulation out of the way, and press in on the two locking tabs of the oven light socket, then push the socket out of the liner opening.



REMOVING THE BROIL BURNER, IGNITOR, & HALO[™] BROIL ELEMENT

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.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Open the oven door and remove the racks from inside the oven.



- 4. To remove the ignitor from the broil burner:
 - a) Remove the ignitor cover screw and remove the cover from the liner.
 - b) Remove the two 5/16" hex-head screws from the ignitor bracket.



c) Pull the ignitor into the oven and disconnect the wire from the terminal.



5. To remove the broil burner:

- a) Remove the ignitor from the broil burner (see step 4).
- b) Remove the rear screw from the broil burner.
- c) Loosen the front broil burner screw, slide the burner off the orifice, and remove the burner.



- 6. To remove the Halo[™] broil element:
 - a) Remove the front screw from the broil burner and allow it to drop down.
 - b) Remove the rear screws from the Halo[™] broil element.



c) Pull the Halo[™] broil element forward so that the element terminal wires are inside the oven cavity, and disconnect the wires from the terminals.



REMOVING THE BAKE BURNER AND IGNITOR





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.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Open the oven door and remove the racks from inside the oven.



4. Lift the bake burner cover off the flame spreader.



5. Remove the four screws from the flame spreader and remove the spreader.



- 6. To remove the bake burner:
 - a) Remove the screw from the bake burner bracket.
 - b) Lift the bake burner off the gas orifice and slide it back to remove the front from the chassis slot. Position the burner and ignitor so you can lift it out of the lower section of the oven.



c) Disconnect the wire from the ignitor terminal.



- 7. To remove the ignitor from the bake burner:
 - a) Remove the bake burner from the unit (see step 6).
 - b) Remove the two 5/16" hex-head screws from the ignitor bracket, and slide the end of the ignitor out of the support.



REMOVING THE CONVECTION ELEMENT & FAN MOTOR



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.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Open the oven door and remove the racks from inside the oven.



Convection Element (Behind Cover)

4. Remove the seven screws from the convection element cover and remove the cover.



Screw (1 of 7)

Convection Element Cover

- 5. To remove the convection element:
 - a) Remove the two screws from the element brackets.



b) Pull the convection element forward and disconnect the wires from the terminals.



6. To remove the convection fan motor:

a) Remove the 7/16" hex-nut from the convection fan and remove the fan from the motor shaft. **NOTE:** The nut has a left-hand thread so turn it clockwise to remove it.



b) Remove the three motor mounting screws from the cavity liner.



- c) Pull the range out of its mounting location so that you can access the rear of the unit.
- d) Remove the rear panel from the unit (see page 4-12 for the procedure).



- e) Disconnect the two wires from the convection fan motor terminals.
- f) Remove the mounting screw from the convection fan motor and remove the motor.



REMOVING THE OVEN TEMPERATURE SENSOR



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.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Open the oven door and remove the racks from inside the oven.



4. Remove the screws from the oven temperature sensor and pull the sensor wires and connector into the oven cavity.



5. Disconnect the oven temperature sensor connector from the wiring harness.



REMOVING THE COOLING FAN



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.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Pull the range out of its mounting location so that you can access the rear of the unit.
- 4. Remove the rear panel from the unit (see page 4-12 for the procedure).



5. Use a 90° screwdriver, and remove the two screws from each end of the cooling fan cover, then remove the cover.



6. Remove the four screws from the cooling fan and remove the fan from the bracket.



7. Disconnect the two cooling fan wires from the motor terminals.



REMOVING THE OVEN TOD

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.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Pull the range out of its mounting location so that you can access the rear of the unit.
- 4. Remove the rear panel from the unit (see page 4-12 for the procedure).
- 5. Remove the two wire connectors from the oven TOD terminals.
- 6. Remove the two screws from the oven TOD and remove it.





REMOVING THE GAS DISTRIBUTION VALVE





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.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Pull the range out of its mounting location so that you can access the rear of the unit.



NOTE: For servicing the Gas Distribution System, refer to Job Aid **KR-28**, Part Number **8177893**.

- 4. Disconnect the gas lines from the gas distribution valve.
- 5. Remove the four screws from the gas distribution valve, pull it down to remove the orifice from the bake burner, and lay it down so you can access the wires.



6. Disconnect the three wires from the gas distribution valve terminals.



Oven Shutoff Valve

REMOVING THE POWER SUPPLY CORD





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.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Pull the range out of its mounting location so that you can access the rear of the unit.
- 4. Remove the rear panel from the unit (see page 4-12 for the procedure).



- 5. Disconnect the power supply cord connector from the main harness connector.
- 6. Remove the green ground wire screw from the power supply cord.
- 7. Release the strain relief from the power cord and remove the cord from the unit.



REMOVING A SIDE PANEL



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.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Pull the range out of its mounting location so that you can access the rear of the unit.
- 4. Remove the top bracket (see page 4-12 for the procedure).

- 5. Remove the bottom rear screw for the side panel you are removing.
- 6. Pull the back of the side panel out so it clears the support bracket, then slide the panel back until the top and bottom supports are in the panel cutouts, then remove the panel.



REMOVING & REINSTALLING THE OVEN DOOR

To remove the oven door:

- 1. Fully open the door.
- 2. Rotate the locking arm on the door hinge from the locked "down" position, to the unlocked "up" position.



Locking Arm In The Unlocked "Up" Position



3. Close the door to within six to eight inches, then pull out on the bottom of the door while slowly closing the door, and remove the hinge hangers from the slots in the chassis.



To reinstall the oven door:

- While tilting the door back slightly from a vertical position, insert the hinge hangers into the chassis slots as far as they will go. Continue to push in on the bottom, and fully open the door.
- 2. Rotate the locking arm on the hinge hangers to the locked, or fully "down" position.
- 3. Open and close the oven door to make sure that it operates and seals properly.

REMOVING THE OVEN DOOR GASKET

- 1. Remove the oven door from the range (see page 4-26 for the procedure).
- 2. Remove the screw from the door gasket cover and remove the cover.



3. Starting at one end of the door gasket, pull the clips out of the liner holes, and remove the gasket.



REASSEMBLY NOTE: After the door gasket is installed, make sure that it is even along the surface of the door when the door is closed.

REMOVING THE DECORATIVE GLASS AND OVEN DOOR HANDLE, THE HINGES, AND THE OVEN DOOR GLASS

- 1. Remove the oven door from the range (see page 4-26 for the procedure).
- 2. Place the oven door on a padded work surface with the decorative glass and handle facing up and the bottom edge facing the front.
- 3. To remove the decorative glass and handle:
 - a) Remove the screw from each of the two decorative glass retainers, and remove the retainers.



- b) Turn the door 180° so the handle faces the front.
- c) Remove the two door handle bracket screws.
- d) Lift the bottom of the decorative glass and slide it down so the top clears the lip of the liner, then lift the glass and handle off the door liner assembly.



e) Remove the two door handle screws from each of the brackets and remove the handle from the decorative glass.



Door Handle Bracket Screws

4. To remove a hinge:

- a) Remove the decorative glass and handle from the door liner (see step 3).
- b) Position the oven door liner with the inner glass facing up.
- c) Remove the two screws from the hinge you are servicing.
- d) Lift the door liner and remove the hinge.



- 5. To remove the two pieces of outer oven door glass:
 - a) Remove the decorative glass and handle from the door liner (see step 3).

- b) Position the door liner with the outer oven glass facing up, as shown.
- c) Remove the two screws from the lower bracket for the outer oven glass.
- d) Slide the lower bracket off the first piece of outer oven glass, then slide the glass out of the top retainer tabs.



 e) Remove the three screws from the top retainer and remove the retainer from the liner.



f) For the second piece of outer oven glass, remove the two screws from the left bracket, then remove the bracket and second piece of glass from the door liner.



- 6. To remove the inner oven door glass:
 - a) Remove the decorative glass and handle from the door liner (see step 3).
 - b) Remove the two hinges (see step 4).
 - c) Remove the first piece of outer door glass (perform steps 5b through 5d).
 - d) Remove the two inner door liner screws and lift the inner liner off the outer liner.



e) Lift the inner oven door glass off the outer liner.



- NOTES -

COMPONENT TESTING

Before testing any of the components, perform the following checks:

- The most common cause for control failure is corrosion on connectors. Therefore, disconnecting and reconnecting wires will be necessary throughout test procedures.
- All tests/checks should be made with a VOM or DVM having a sensitivity of 20,000 ohms-per-volt DC, or greater.
- Check all connections before replacing components, looking for broken or loose wires, failed terminals, or wires not pressed into connectors far enough.
- Resistance checks must be made with power cord unplugged from outlet, and with wiring harness or connectors disconnected.



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.

CONTROL & COOLING FAN THERMAL SWITCHES

Refer to page 4-4 for the procedure for servicing the control and cooling fan thermal switches.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Disconnect one of the wires from the terminals of the thermal switch you are testing.
- 4. Set the ohmmeter to the R x 1 scale.
- 5. For the control thermal switch (N.C.), touch the ohmmeter test leads to the terminals. The meter should indicate continuity (0 Ω).
- 6. For the cooling fan thermal switch (N.O.), touch the ohmmeter test leads to the terminals. The meter should indicate an open circuit (infinite).



Control Thermal Switch (N.C.) Opens @ 96°C (205°F) Closes @ 74°C (165°F)

Cooling Fan Thermal Switch (N.O.) Closes @ 70°C (158°F) Opens @ 60°C (140°F)



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.

STANDARD & TRIPLETIER™ IGNITION SWITCHES



Refer to page 4-4 for the procedure for servicing the standard and TripleTier[™] ignition switches.

NOTE: The standard ignition switches are connected to each other in a parallel circuit so that if one switch fails, the others will still operate. To check each of the ignition switches for proper operation, perform the following steps.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Remove the control panel and access the ignition switch connector (see page 4-2 for the procedure).
- 4. Reinstall the knobs on the valve stems.
- 5. To test the standard ignition switches:
 - a) Disconnect the ignition switch connector from the wire harness.
 - b) Set the ohmmeter to the R x 1 scale.
 - c) Connect the ohmmeter test leads to the pins of the spark module connector.

- d) Press and turn one of the gas valve knobs to the LITE position. At that point, the switch should close, and the meter should indicate continuity.
- e) Continue to turn the knob away from the LITE position. The switch should open, and the meter should indicate an open (infinite ∞) circuit.
- f) Repeat steps d and e for the other ignition switches. If the readings are not as stated, replace the entire ignition switch assembly. They are supplied as an assembly and cannot be changed individually.

6. To test the TripleTier[™] ignition switch:



- a) Disconnect one of the wires from the ignition switch terminals.
- b) Set the ohmmeter to the R x 1 scale.
- c) Connect the ohmmeter test leads to the pins of the ignition switch. The meter should indicate an open circuit (infinite).
- d) With the ohmmeter test leads connected as stated in the previous step, press the switch actuator. The meter should indicate continuity (0 Ω).



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.

STANDARD & TRIPLETIER™ GAS VALVES

Refer to page 4-4 for the procedure for servicing the standard and TripleTier[™] gas valves.

To test a gas valve, use a low-pressure manometer, and measure the inlet and outlet pressure across the valve. There should be no pressure drop. If there is a pressure drop, the valve should be replaced.



DOOR LATCH ASSEMBLY



Refer to page 4-6 for the procedure for servicing the door latch assembly.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Disconnect one of the wires from the door latch assembly component under test.
- 4. Set the ohmmeter to the R x 1K scale.
- 5. To test the motor, touch the ohmmeter test leads to the terminals. The meter should indicate between 2.6K and 3K Ω .
- 6. To test the door switch & latch switch:
 - a) Touch the ohmmeter test leads to the COM and N.O. terminals. The meter should indicate an open circuit (infinite).
 - b) With the ohmmeter test leads connected as stated in the previous step, press the switch actuator. The meter should indicate continuity (0 Ω).



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.

POWER SUPPLY TRANSFORMER



Refer to page 4-8 for the procedure for servicing the power supply transformer.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Disconnect the transformer primary and secondary wire connectors.
- 4. Set the ohmmeter to the R x 1 scale.
- 5. Touch the ohmmeter test leads to the two primary connector pins. The meter should indicate between 10 and 20 Ω .

HALO[™] BROIL ELEMENT



Refer to page 4-14 for the procedure for servicing the Halo[™] broil element.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Disconnect one of the wires from the Halo[™] broil element terminals.
- 4. Set the ohmmeter to the R x 1 scale.
- Touch the ohmmeter test leads to the Halo[™] broil element terminals. The meter should indicate between 10 and 14 Ω.



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.

CONVECTION ELEMENT



Refer to page 4-18 for the procedure for servicing the convection element.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Disconnect one of the wires from the convection element terminals.
- 4. Set the ohmmeter to the R x 1 scale.
- 5. Touch the ohmmeter test leads to the convection element terminals. The meter should indicate between 14 and 22 Ω

CONVECTION FAN MOTOR



Refer to page 4-18 for the procedure for servicing the convection fan motor.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Disconnect one of the wires from the convection fan motor terminals.
- 4. Set the ohmmeter to the R x 1 scale.
- 5. Touch the ohmmeter test leads to the convection fan motor terminals. The meter should indicate between 29 and 41 Ω .



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.

OVEN TEMPERATURE SENSOR



Refer to page 4-20 for the procedure for servicing the oven temperature sensor.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Disconnect the oven temperature sensor connector.
- 4. Set the ohmmeter to the R x 1K scale.
- 5. Touch the ohmmeter test leads to the oven temperature sensor connector pins. The meter should indicate as shown in the chart below.

Temperatures	Temperatures	Resistance
(° F)	(°C)	(Ω)
32	0	1000
75	25	1100
200	95	1350
250	120	1450
350	175	1650
450	230	1850
550	290	2050
650	350	2240
865	465	2630
900	480	2700

COOLING FAN MOTOR



Refer to page 4-21 for the procedure for servicing the cooling fan.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Disconnect one of the wires from the cooling fan motor terminals.
- 4. Set the ohmmeter to the R x 1 scale.
- 5. Touch the ohmmeter test leads to the cooling fan motor terminals. The meter should indicate between 3 and 6 Ω .



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.

OVEN TOD



Refer to page 4-22 for the procedure for servicing the oven TOD.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Disconnect one of the wires from the oven TOD terminals.
- 4. Set the ohmmeter to the R x 1 scale.
- 5. Touch the ohmmeter test leads to the oven TOD terminals. The meter should indicate a closed circuit (0 Ω).

GAS DISTRIBUTION VALVE



Refer to page 4-23 for the procedure for servicing the gas distribution valve.

- 1. Unplug range or disconnect power.
- 2. Turn off gas supply to range.
- 3. Remove the storage drawer. **NOTE:** You can access the gas distribution valve from inside the drawer area.
- 4. Disconnect the wires from the gas distribution valve terminals.
- 5. Set the ohmmeter to the R x 1 scale.
- 6. Touch the ohmmeter test leads to the indicated gas distribution valve terminals. The meter should indicate as follows:

Terminal 1 (red) to terminal 2 (orange) = 216 $\Omega \pm 30$.

Terminal 2 (orange) to terminal 3 (blue) = 216 $\Omega \pm 30$.

CLOCK MODELS KGRA806P & KGSA906P



Keypad Layout

	MODELS KGRA806P & KGSA906P						
	16	15	14	13	12	11	10
8		BAKE	CLEAN	COOK TIME	3	OPTIONS	OPEN
7	CONVECT BAKE	CONVECT BROIL	STOP TIME	TIMER	6	START	OPEN
6		MEATS	TIMER OFF	CLOCK	9		OPEN
5	MAXI BROIL	BREAD PROOF	1	2	OVEN LIGHT		OPEN
4	CONVECT ROAST	FULL MEAL	4	5			OPEN
3	BAKED GOODS	OTHER FOODS	7	8			OPEN
2				0			OPEN

Display Board & Connector Pinouts



CONN 8 PIN	N HDR-ST LOCK W/PEG 7A.156 AMP 644615-8	
PI-1	FILAMENT	
PI-2	CENTER TAP	
PI-3	FILAMENT	
PI-4	I2 VDC	
PI-5	I2 VDC	
PI-6	OPEN	
PI-7	42 VDC	
PI-8	42 VDC	
CONN	N HDR-ST LOCK W/PEG	
5 PIN	7A.156 AMP 644615-5	
P2-1	I2 VDC	
P2-2	I2 VDC	
P2-3	OPEN	

DATA

DGND

P2-4 P2-5

Low Voltage Transformer



Power Board





Keypad Layout

MODEL KGRI801P & KGSI901P							
	16	15	14	13	12	11	10
8		BAKE	CLEAN	COOK TIME	3	OPT	OPEN
7			STOP TIME	TIMER	6	START	OPEN
6			TIMER OFF	CLOCK	9		OPEN
5			1	2	OVEN LIGHT		OPEN
4	MAXI BROIL	BREAD PROOF	4	5			OPEN
3			7	8			OPEN
2				0			OPEN

Display Board & Connector Pinouts



CONN 8 PIN	N HDR-ST LOCK W/PEG 7A.156 AMP 644615-8
P I - I	FILAMENT
PI-2	CENTER TAP
PI-3	FILAMENT
PI-4	I2 VDC
PI-5	I2 VDC
PI-6	OPEN
PI-7	42 VDC
PI-8	42 VDC
CONN	HDR-ST LOCK W/PEG

I CONI	N HDR-ST LOCK W/PEG
5 PIN	7A.156 AMP 644615-5
P2-1	I2 VDC
P2-2	I2 VDC
P2-3	OPEN
P2-4	DATA
P2-5	DGND

Low Voltage Transformer



Power Board



- NOTES -

DIAGNOSTICS & TROUBLESHOOTING DIAGNOSTICS



* If available (3 dashes will be shown if not available)

ENTERING MANUAL DIAGNOSTICS

Within 120 seconds of power up, press the following keys to enable the relay capabilities listed below, and enter the manual diagnostics mode:

- a Cancel key.
- b) Cancel key.
- c) Start key.

ENGAGING THE RELAYS

Pressing the following keys will toggle the state of the associated relays. **NOTE:** For the latch relay, the self-clean button will turn on the latch relay, and changing the state of the latch switch will turn off the relay.

Key Press	Relay	Text Line Display
Bake Key	Bake Relay	BAKE RELAY CYCLED
Maxi Broil Key	Outer Broil Relay	O.BROIL REL CYCLED
Econo Broil Key	Inner Broil Relay	I.BROIL REL CYCLED
Convect Bake	Conv Relay and Fan	CONV REL CYCLED
Warm Drawer On	Warm Drawer Relay	WD RELAY CYCLED
Top Light	Oven Light Relay	O LIGHT REL CYCLED
Oven Light	Top Light Relay	T LIGHT REL CYCLED
Clean Key	Cycle Motor	ROTATING MOTOR
	After Latch Sw Toggles	MOTOR ROTATED

DOUBLE LINE BREAK (DLB), FANS, AND OPEN DOOR

During diagnostics, all fans and elements may operate with the door open. **NOTE:** The latch motor will not cycle with the door open.

On electric models, the double line break (DLB) will engage when entering the diagnostics mode, and will disengage when exiting the diagnostics mode.

ERROR CODE

Pressing the **3** key once will cycle to the next error code. An error code is displayed in the two right clock digits.

ERROR CODE LIST ORDER			
1	ERROR CODE #1	MOST RECENT CODE	
2	ERROR CODE #2	ERROR CODE #2	
3	ERROR CODE #3	ERROR CODE #3	
4	ERROR CODE #4	ERROR CODE #4	
5	ERROR CODE #5	ERROR CODE #5	

ERROR CODE DETECTION IN DIAGNOSTICS

If an error code is detected in diagnostics, the code will be placed in the two right clock digits, and the system will remain in the diagnostics mode.

SENSORS

#1 Oven Temp Probe is displayed in the main temperature area.

#2 Oven Temp Probe is displayed in the probe temperature area.

Meat Probe is displayed in the start time area.

Warming Drawer is displayed in the stop time area.

If a sensor is out of range, three dashes (---) will be displayed in the appropriate temperature field.

SWITCHES

Door Switch is displayed in the 2nd hrs clock field (0 = Open, 1 = Closed). **Latch Switch** is displayed in the left-most clock field (0= Open, 1 = Closed).

VERSIONS

AM ## UI## EE###-### in the lower text line shows the AM (Appliance Manager) micro code revision, next the UI (User Interface) micro revision, and last the EEPROM brand fuel and revision.

TIME OUT

The diagnostics mode will time out after 5 minutes from the last user action.

EXITING DIAGNOSTICS

To exit manual diagnostics press the *Cancel* Key, or remove power.

OPTIONS SELECTION PAD

The Options selection pad allows you to access 10 hidden functions within the electronic oven control. The hidden functions let you change the oven temperature between Fahrenheit and Celsius, turn the audible signals and visual prompts on and off, and adjust the oven calibration. The Sabbath mode is also set using the Options selection pad.

To use the Options: Press the OPTIONS pad. The display will scroll through the options from 1 to 0. Press the OPTIONS selection pad and the number pad to easily access the desired hidden function. For example, pressing 1 on the numeric pad will toggle the temperature readings between Fahrenheit and Celsius.

0	PTIONS	HIDDEN FUNCTION
	1	Fahrenheit or Celsius
	2	Sound On/Off
	3	Sound High/Low
	4	End Beep On/Off
	5	Oven Temp Calibration
	6	Sabbath Mode
ERROR / FAILURE CODES

Before proceeding with any corrective action, perform the following steps to enter the Diagnostic mode.

- 1. To recall last failure code, if not displayed, press the Cancel key to place the range in an idle state.
- 2. Press the Cancel and Start keys in the following order: CANCEL, CANCEL, START.
- 3. Verify the error code displayed on the control by observing for longer than 1 minute. If the error returns, use the applicable procedure listed below for the actual error code that is displayed.

FAILURE	ERROR (Bightmost						
2 Clock	2 Clock						
Digits)	Digits)	SUGGESTED CORRECTIVE ACTION PROCEDURE					
F0 Default	E0	No failure					
F1 Internal	E0 E1 E2 E3 E4 E9	INTERNAL ERROR INTERNAL ERROR INTERNAL ERROR INTERNAL ERROR INTERNAL ERROR INTERNAL ERROR					
PROCEDURE: Before proceeding, perform steps 1 through 3 above chart to enter the Diagnostic mode.							
A. Unplug range or disconnect power.							
B. Replac	B. Replace the display board.						
C. Plug in	range or rec	onnect power.					
F1 Internal	E5 E6 E7 E8	5 INTERNAL ERROR 6 INTERNAL ERROR 7 INTERNAL ERROR 8 INTERNAL ERROR					
PROCEDU	RE: Before p	roceeding, perform steps 1 through 3 above chart to enter the					
Diagnostic mode.							
A. Unplug range or disconnect power.							
A. Unplug	range or dis	connect power.					
A. Unplug B. Replac	range or dis e the power b	connect power. poard.					
A. Unplug B. Replac C. Plug in	range or dise e the power to range or rec	connect power. board. onnect power.					
A. Unplug B. Replac C. Plug in FAILURE (Leftmost	e the power b range or rec ERROR (Rightmost	connect power. poard. onnect power. MESSAGE/DESCRIPTION					
A. Unplug B. Replac C. Plug in FAILURE (Leftmost 2 Clock Digits)	range or dise e the power b range or rec ERROR (Rightmost 2 Clock Digits)	connect power. poard. onnect power. MESSAGE/DESCRIPTION SUGGESTED CORRECTIVE ACTION PROCEDURE					
A. Unplug B. Replac C. Plug in FAILURE (Leftmost 2 Clock Digits)	range or dise e the power b range or rec ERROR (Rightmost 2 Clock Digits) E0	connect power. poard. onnect power. MESSAGE/DESCRIPTION SUGGESTED CORRECTIVE ACTION PROCEDURE STUCK KEY (shorted key)					
A. Unplug B. Replac C. Plug in FAILURE (Leftmost 2 Clock Digits) F2 Keypad	range or disk e the power b range or rec ERROR (Rightmost 2 Clock Digits) E0 E1	connect power. poard. onnect power. MESSAGE/DESCRIPTION SUGGESTED CORRECTIVE ACTION PROCEDURE STUCK KEY (shorted key) KEYPAD DISCONNECT or KEYPAD DISCONNECTED					
A. Unplug B. Replac C. Plug in FAILURE (Leftmost 2 Clock Digits) F2 Keypad PROCEDU	range or disk e the power h range or rec ERROR (Rightmost 2 Clock Digits) E0 E1 RE: Before p	connect power. poard. onnect power. MESSAGE/DESCRIPTION SUGGESTED CORRECTIVE ACTION PROCEDURE STUCK KEY (shorted key) KEYPAD DISCONNECT or KEYPAD DISCONNECTED roceeding, perform steps 1 through 3 above chart to enter the					
A. Unplug B. Replac C. Plug in FAILURE (Leftmost 2 Clock Digits) F2 Keypad PROCEDU Diagnostic A. Lipping	range or disc e the power b range or rec ERROR (Rightmost 2 Clock Digits) E0 E1 RE: Before p mode.	connect power. board. onnect power. MESSAGE/DESCRIPTION SUGGESTED CORRECTIVE ACTION PROCEDURE STUCK KEY (shorted key) KEYPAD DISCONNECT or KEYPAD DISCONNECTED roceeding, perform steps 1 through 3 above chart to enter the					
A. Unplug B. Replac C. Plug in FAILURE (Leftmost 2 Clock Digits) F2 Keypad PROCEDU Diagnostic A. Unplug B. Chack	range or disk e the power b range or rec ERROR (Rightmost 2 Clock Digits) E0 E1 RE: Before p mode. range or disk that the keyp	connect power. poard. onnect power. MESSAGE/DESCRIPTION SUGGESTED CORRECTIVE ACTION PROCEDURE STUCK KEY (shorted key) KEYPAD DISCONNECT or KEYPAD DISCONNECTED roceeding, perform steps 1 through 3 above chart to enter the connect power. ad is firmly connected					
A. Unplug B. Replac C. Plug in FAILURE (Leftmost 2 Clock Digits) F2 Keypad PROCEDU Diagnostic A. Unplug B. Check C. Plug in	range or disc e the power b range or rec ERROR (Rightmost 2 Clock Digits) E0 E1 RE: Before p mode. range or disc that the keyp, range or rec	connect power. board. onnect power. MESSAGE/DESCRIPTION SUGGESTED CORRECTIVE ACTION PROCEDURE STUCK KEY (shorted key) KEYPAD DISCONNECT or KEYPAD DISCONNECTED roceeding, perform steps 1 through 3 above chart to enter the connect power. ad is firmly connected. onnect power and observe for longer than 1 minute.					
A. Unplug B. Replac C. Plug in FAILURE (Leftmost 2 Clock Digits) F2 Keypad PROCEDU Diagnostic A. Unplug B. Check C. Plug in D. If error	range or disk e the power h range or rec ERROR (Rightmost 2 Clock Digits) E0 E1 RE: Before p mode. range or disk that the keyp, range or rec remains ther	connect power. board. onnect power. MESSAGE/DESCRIPTION SUGGESTED CORRECTIVE ACTION PROCEDURE STUCK KEY (shorted key) KEYPAD DISCONNECT or KEYPAD DISCONNECTED roceeding, perform steps 1 through 3 above chart to enter the connect power. ad is firmly connected. onnect power and observe for longer than 1 minute. g ot o step E.					
A. Unplug B. Replac C. Plug in FAILURE (Leftmost 2 Clock Digits) F2 Keypad PROCEDU Diagnostic A. Unplug B. Check C. Plug in D. If error E. Unplug	range or disk e the power h range or rec ERROR (Rightmost 2 Clock Digits) E0 E1 RE: Before p mode. range or disk that the keyp range or rec remains ther range or disk	connect power. DOARD DISCONNECT OF KEYPAD DISCONNECTED TOCK KEY (shorted key) KEYPAD DISCONNECT or KEYPAD DISCONNECTED Troceeding, perform steps 1 through 3 above chart to enter the connect power. ad is firmly connected. onnect power and observe for longer than 1 minute. In go to step E. connect power.					
A. Unplug B. Replac C. Plug in FAILURE (Leftmost 2 Clock Digits) F2 Keypad PROCEDU Diagnostic A. Unplug B. Check C. Plug in D. If error E. Unplug F. Replac	range or disk e the power h range or rec ERROR (Rightmost 2 Clock Digits) E0 E1 RE: Before p mode. range or disk that the keyp range or rec remains ther range or disk that the keypad.	connect power. Doard. DISCONNECT OF KEYPAD DISCONNECTED TOCK KEY (shorted key) KEYPAD DISCONNECT or KEYPAD DISCONNECTED Troceeding, perform steps 1 through 3 above chart to enter the connect power. ad is firmly connected. DISCONNECT or longer than 1 minute. I go to step E. connect power.					
A. Unplug B. Replac C. Plug in FAILURE (Leftmost 2 Clock Digits) F2 Keypad PROCEDU Diagnostic A. Unplug B. Check C. Plug in D. If error E. Unplug F. Replac G. Plug in	range or disc e the power h range or rec ERROR (Rightmost 2 Clock Digits) E0 E1 RE: Before p mode. range or disc that the keyp: range or rec remains ther range or disc that the keypad. range or rec	connect power. DOARD DOARD DOARD DOARD DOARD DOARD DOARD DISCONNECT OF KEYPAD DISCONNECTED TO COMMECT OF KEYPAD DISCONNECTED TO COMMENT OF KEYPAD DISCONNECTED TO COMMENT TO COMMENT TO COMMENT TO COMMENT DISCONNECT OF KEYPAD DISCONNECTED TO COMMENT TO COMMENT STUCK KEY (shorted key) KEYPAD DISCONNECT OF KEYPAD DISCONNECTED TO COMMENT TO COMMENT TO COMMENT TO COMMENT TO COMMENT TO COMMENT TO COMMENT TO COMMENT DISCONNECT OF KEYPAD DISCONNECTED TO COMMENT TO COMMENT					
A. Unplug B. Replac C. Plug in FAILURE (Leftmost 2 Clock Digits) F2 Keypad PROCEDU Diagnostic A. Unplug B. Check C. Plug in D. If error E. Unplug F. Replac G. Plug in H. If error	range or disc e the power h range or rec ERROR (Rightmost 2 Clock Digits) E0 E1 RE: Before p mode. range or disc that the keyp; range or rec remains ther range or disc e keypad. range or rec remains ther	connect power. Deard. DESSAGE/DESCRIPTION SUGGESTED CORRECTIVE ACTION PROCEDURE STUCK KEY (shorted key) KEYPAD DISCONNECT or KEYPAD DISCONNECTED roceeding, perform steps 1 through 3 above chart to enter the connect power. ad is firmly connected. onnect power and observe for longer than 1 minute. 1 go to step E. connect power. and observe for longer than 1 minute. 1 go to step I.					
A. Unplug B. Replac C. Plug in FAILURE (Leftmost 2 Clock Digits) F2 Keypad PROCEDU Diagnostic A. Unplug B. Check C. Plug in D. If error E. Unplug F. Replac G. Plug in H. If error I. Unplug	range or disk e the power h range or rec ERROR (Rightmost 2 Clock Digits) E0 E1 RE: Before p mode. range or disk that the keyp range or disk range or disk e keypad. range or rec remains ther range or rec remains ther range or disk e keypad.	connect power. poard. onnect power. MESSAGE/DESCRIPTION SUGGESTED CORRECTIVE ACTION PROCEDURE STUCK KEY (shorted key) KEYPAD DISCONNECT or KEYPAD DISCONNECTED roceeding, perform steps 1 through 3 above chart to enter the connect power. ad is firmly connected. onnect power and observe for longer than 1 minute. a go to step E. connect power. connect power and observe for longer than 1 minute. a go to step I. connect power.					

FAILURE (Leftmost	ERROR (Rightmost	MESSAGE/DESCRIPTION	FAILU (Leftme	RE ost (ERROR Rightmost	MESSAGE/DESCRIPTION		
2 Clock Digits)	2 Clock Digits)	SUGGESTED CORRECTIVE ACTION PROCEDURE	2 Cloo Digits	ck s)	2 Clock Digits)	SUGGESTED CORRECTIVE ACTION PROCEDURE		
<u> </u>	E0	MAIN SENSOR OPEN (top oven sensor opened)	F4	- /	E2	OVER TEMP COOK		
	E1	MAIN SENSOR SHORT or MAIN SENSOR SHORTED			E3	OVER TEMP CLEAN		
		(top oven sensor shorted)			E7	OVER TEMP CAVITY 2 (temperature runaway error)		
50	E2	MEAT PROBE SHORTED	PROCE	EDUR	E: Before p	proceeding, perform steps 1 through 3 above chart on page 6-3		
F3 Sensors	E4	BOTTOM SENSOR OPEN (bottom oven sensor open)	to ente	r the [Diagnostic r	node.		
	E5	LOWER SENSOR SHORT or BOTTOM SENSOR SHORT (bottom oven sensor shorted)	A. Press the BAKE key to cycle the bake relay on and off.					
	E6	WD SENSOR OPEN (warming drawer sensor open)	If the element or gas valve does not cycle with the relay, go to step D.					
	E7	WD SENSOR SHORTED (warming drawer sensor shorted)	If the element or gas valve did cycle on and off, go to step B.					
PROCEDU	PROCEDURE: Before proceeding, perform steps 1 through 3 above chart on page 6-3			B. Press the BROIL key to cycle the broil relay on and off.				
to enter th	e Diagnostic r	node.	If the broil relay does not turn on and off, go to step F.					
A. Unplu	g range or dis	connect power.	If the element or gas valve does not cycle with the relay, go to step D.					
B. Open	the back pane	Is and make sure the indicated temperature sensor is		t the e	element or g	gas valve did cycle on and off, go to step C.		
plugge	ed in.	a to the compositor and so to stan I	C. Pre	ess the	e CONVEC	I BAKE key to cycle the convect bake relay on and off.		
II IL If it	is not, plug it i	n to the connector and go to step 1.	11	the c	lomont doo	e relay does not turn on and oil, go to step F.		
C Check	connector P3	on the power board. Make sure it is plugged in and	lf	fthee	lement did	cycle on and off. go to step D.		
fully s	eated.	on the power board. Make sure it is plugged in and	D. Uni	nlua r	ange or dis	connect power		
lf it	is not, make th	e proper connection and go to step I.	E. Che	eck in	tearity of al	I harness wires and connections between the power board		
lf it	If it is already properly connected, go to step D.			d the e	electric eler	nents. Ensure no shorted wires to cabinet.		
D. Visually inspect the wires between P3 on the power board and the indicated temperature sensor. Make sure the wires are not cut or pinched. If the wires appear to be index unplue the P3 compactor on the power based. Go to step E			GAS MODELS: Ensure all wiring and connections between the control and spark module, spark module and bake / broil gas value are good. If the wiring is good, go to step K					
E. Measu	ure indicated to	emperature sensor resistance value (measure between	ELI	ECTR	IC MODEL	S:		
approj should	appropriate P3 connector pins). For the following sensors, the resistance value should read:			Ensure all wiring and connections between the power board and elements, and the power board and the display board are good.				
Main	Oven Sensor	Between 931 and 2869 Ω .	lf	f the v	viring conne	ections are not intact, go to step J.		
Lower	Oven Sensor	(Approx. 1000 12 at 100m temp). Between 931 and 2869 ()		the v	viring is goo	od, go to step I.		
Lower		(Approx. 1080 Ω at room temp).	F. Un	piug n plaga	the power l	connect power.		
Warm	Drawer Sense	pr Between 1,500 and 319,000 Ω .	H In	place nlug r	ande or dis	connect nower		
		(Approx. 119,420 Ω at room temp).	I. Rei	plage	the display.	Go to step P.		
Meat	Probe Sensor	Between 1,300 and 103,000 Ω .	J. Rei	place	the harnes	s. Go to step P.		
		(Insert meat probe into meat probe jack located	K. Re	place	spark modu	ule.		
		inside the oven cavity prior to reading resistance.)	L. Plu	ig in r	ange or rec	onnect power.		
Measu If it do	Measure any P3 connector pin to chassis. Hesistance value should read "open". If it does not, replace sensor harness. Repeat step E.		M. Enter the Diagnostic mode described in steps 1-3 above chart on page 6-3. Press the BAKE key or the BROIL key to turn the bake or broil gas valve on and off.					
It the	If the indicated temperature sensor does not meet these requirements, go to			f the b	ake or broi	l valves will not turn off, go to step N.		
If the	If the temperature sensor does meet the requirements, go to step l			If the bake or broil valves will not turn off after being replaced, go to step H.				
F. For MAIN, LOWER and WARM drawer sensors:			lf	f the b	ake or broi	I valves do turn off, go to step P.		
Replace appropriate temperature sensor. Repeat step E.			N. Un	plug r	ange or dis	connect power.		
If the requirements are not met, replace sensor harness. Repeat step E.				place	the bake / I	broll gas valve. Go to step L.		
If th	If the requirements are still not met, go to step G.				ange or rec	onnect power.		
For M Bepla	For MEAT PROBE sensor: Beplace meat probe sensor. Beneat sten F							
If th	If the requirements are not met, replace sensor harness, Repeat step E.							
If th	e requirements	s are still not met, replace the meat probe jack. Repeat step E.						
If th	e meat probe	sensor is still not meeting the requirements, go to step G.						
G. Repla	ce the power b	board. Ensure all connectors are properly seated.						
H. Ensur	e all wiring co	nnections are made. Replace the back panels.						
I. Plug i	n range or rec	onnect power. Observe for longer than 1 minute.						
J. Initiate	J. Initiate a bake cycle. Let the cycle run at least 1 minute.							
If no	It no error returns, cancel the cycle. The problem has been repaired.							
If th	e error occurs	again, restart the troubleshooting procedure at step A.						

FAILURE (Leftmost	ERROR (Rightmost	MESSAGE/DESCRIPTION						
Digits) Digits) SUGGESTED CORRECTIVE ACTION PROC		SUGGESTED CORRECTIVE ACTION PROCEDURE						
	E0	DOOR LATCH MSMATCH or DOOR LATCH MISMATCH (Door and latch switches do not agree.)						
F5	E1	NO OPERATING LATCH or LATCH NOT OPERATING						
Inputs	E2	DOOR SWITCH FAULT						
	E4	LATCH SWITCH FAULT						
	E7	UNLOCK DOOR ERROR or CAN NOT UNLOCK DOOR						
PROCEDU	PROCEDURE: Before proceeding, perform steps 1 through 3 above chart on page 6-3							
to enter the Diagnostic mode.								
A. While i	TO VERIFY DOOR SWITCH: A. While in Diagnostics, open the oven door. "1" should appear in the second clock digit from the left. Close the oven door. The clock digit should toget to "0"							
If the	digit did not	toggle, go to step B.						
If the	digit did not	toggle after replacing the door switch, go to step D.						
If the	digit did not	toggle after replacing the door switch harness, go to step F.						
If the	digit did togo	gle, door switch is operating correctly.						
B. Unplug	a door switch	connect power.						
replace	the entire do	or latch motor assembly). Go to step H.						
E. Check the door	integrity of all	I harness wires and connections between the power board and sure no shorted wires to cabinet.						
If the	wiring is bac	I, replace the door switch harness. Go to step H.						
If the	wiring is goo	d, go to step H.						
F. Unplug	range or dis	connect power.						
G. Replac	e power boar	d. Go to step H.						
I Enter t	he Diagnostic	onnect power. mode described in stens 1-3 above chart on page 6-3. Beneat						
step A.		mode described in steps 1-5 above chart on page 5-5. Hepeat						
TO VERIF	y door lat	CH SWITCH / MOTOR ASSEMBLY:						
A. While in Diagnostic mode, press the CLEAN key to cycle the latch motor to the locked position. 1 should appear in the first clock digit from the left when locked. Press the CLEAN key to cycle the latch motor to the unlocked position. The clock digit should toggle to "0".								
If the	digit did not	toggle, go to step B.						
open	If motor runs continuously, wait until motor reaches the unlocked position, open the door. Press the CANCEL key, go to step B.							
If motor did not run, go to step H. If the digit did not toggle after replacing the door latch motor assembly, go to								
If the digit did not toggle after replacing the door latch switch harness, go to step E.								
If the	digit did togg	gle, door latch switch is operating correctly.						
B. Unplug	range or dis	connect power.						
C. Replac	e door latch i	notor assembly. Go to step K.						
D. Unplug	range or dis	connect power.						
E. Check the doo	or latch switch	namess wires and connections between the power board and b. Ensure no shorted wires to cabinet.						
II INE	wiring is bac	n, replace the upon laten switch harness. Go to step K.						
F. Unplug	range or dis	connect power.						
G. Replac	e power boar	d. Go to step K.						
H. Unplug	range or dis	connect power.						
 Check integrity of latch mechanism from cam / eccentric through actuating rod, to latch pawl and door slot. Ensure that pawl aligns with the door slot. Correct any mechanical malfunction. 								
J. Check board	continuity of t P4 and motor	the latch motor and of electrical connections between power . If continuity is present, replace power board. Go to step K.						
K. Plug in	range or rec	onnect power.						
L. Enter t step A.	step A.							

TROUBLESHOOTING

HIDDEN EOC FUNCTIONS

The user activates all hidden EOC functions by pressing and holding the appropriate key for 5 seconds. The chart shows the hidden functions or features.

HIDDEN FUNCTIONS	KEY
Temperature calibration offset	Bake
°F to °C	Broil
Recall last failure code	Off/Cancel
Disable/enable cycle end audible signal	Cook Time
Disable/enable reminder signal	Timer Set
Disable/enable valid data entry signals	Stop Time

TEMPERATURE ADJUSTMENT

- 1. Press and hold the BAKE keypad for five (5) seconds. The current offset, if any, will be shown in the 3-digit display. CAL is shown in the 4-digit display (3 digits on right).
- Pressing the TEMP keypad "up" arrow (▲) adjusts the temperature in 5.6°C (10°F) increments in the following sequence: Celsius: 0°, 5.6°, 11.1°, 16.7°, -16.7° -11.1°, -5.6°, 0°, (Fahrenheit: 0°, 10°, 20°, 30°, -30°, -20°, -10°, 0°), and so on.
- 3. Press the START/ENTER keypad to activate the desired temperature adjustment. If the START/ENTER keypad is not pressed within 5 minutes, the adjustment is ignored.
- 4. BAKE temperature adjustment cannot result in operating temperatures higher than 274°C (525°F), or lower than 77°C, (170°F), as measured at oven cavity center.
- 5. Once the BAKE temperature has been adjusted, BROIL temperatures are automatically offset to the same degree.
- The CLEAN temperature is also offset automatically when the BAKE temperature is adjusted. If the BAKE temperature has been raised, the CLEAN temperature is offset +3°C (+5°F). If the BAKE temperature has been lowered, the CLEAN temperature is offset -3°C (-5°F).

WIRING DIAGRAMS & STRIP CIRCUITS WIRING DIAGRAMS

TECH SHEET #9757665



TECH SHEET #9757666



NOTE: Schematic shows door latch switch in the COOK position with oven door open, oven off, light on and halo element off.



G

STRIP CIRCUITS

BAKE, PREHEAT, CLEAN



BROIL



COOLING FAN



SURFACE UNIT (TYPICAL)



OVEN/CONSOLE LIGHTS



CONTROL POWER/CLOCK



CONVECTION BAKE



CONVECTION ROAST



CONVECTION BROIL



- NOTES -

PRODUCT SPECIFICATIONS AND WARRANTY INFORMATION SOURCES

IN THE UNITED STATES:

FOR PRODUCT SPECIFICATIONS AND WARRANTY INFORMATION CALL:

 FOR WHIRLPOOL PRODUCTS:
 1-800-253-1301
 FOR
 FOR
 KITCHENAID PRODUCTS:
 1-800-422-1230
 FOR
 FOR ROPER PRODUCTS:
 1-800-447-6737
 FOR
 FOR</

FOR TECHNICAL ASSISTANCE WHILE AT THE CUSTOMER'S HOME CALL:

THE TECHNICAL ASSISTANCE LINE: 1-800-253-2870

HAVE YOUR STORE NUMBER READY TO IDENTIFY YOU AS AN AUTHORIZED SERVICER

FOR LITERATURE ORDERS:

PHONE: 1-800-851-4605

FOR TECHNICAL INFORMATION AND SERVICE POINTERS:

www.servicematters.com

IN CANADA:

FOR PRODUCT SPECIFICATIONS AND WARRANTY INFORMATION CALL:

1-800-461-5681

FOR TECHNICAL ASSISTANCE WHILE AT THE CUSTOMER'S HOME CALL:

THE TECHNICAL ASSISTANCE LINE: 1-800-488-4791

HAVE YOUR STORE NUMBER READY TO IDENTIFY YOU AS AN AUTHORIZED SERVICER

KitchenAid[®] FOR THE WAY IT'S MADE?