



MICROWAVE OVEN SERVICE MANUAL

MODEL: MC-807WR

CAUTION

P/NO: 3828W5S4528

BEFORE SERVICING THE UNIT, READ THE SAFETY PRECAUTIONS IN THIS MANUAL.

January, 2005 Printed in Korea

SAFETY PRECAUTIONS

This device is to be serviced only by properly qualified service personnel.

Consult the service manual for proper service procedures to assure continued safety operation and for precautions to be taken to avoid possible exposure to excessive microwave energy.

PRECAUTIONS TO BE OBSERVED BEFORE AND DURING SERVICING TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- A) Do not operate or allow the oven to be operated with the door open.
- B) Make the following safety checks on all ovens to be serviced before activating the magnetron or other microwave source, and make repairs as necessary; (1) interlock operation, (2) proper door closing, (3) seal and sealing surfaces (arcing, wear, and other damage), (4) damage to or loosening of hinges and latches, (5) evidence of dropping or abuse.
- C) Before turning on microwave power for any service test or inspection within the microwave generating compartments, check the magnetron, wave guide or transmission line, and cavity for proper alignment, integrity, and connections.
- D) Any defective or misadjusted components in the interlock, monitor, door seal, and microwave generation and transmission systems shall be repaired, replaced, or adjusted by procedures described in this manual before the oven is released to the owner.
- E) A microwave leakage check to verify compliance with the Federal Performance Standard should be performed on each oven prior to release to the owner.

CAUTION MICROWAVE RADIATION

DO NOT BECOME EXPOSED TO RADIATION FROM THE MICROWAVE GENERATOR OR OTHER PARTS CONDUCTING MICROWAVE ENERGY.

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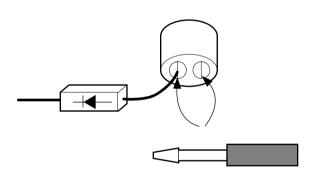
SPECIFICATIONS

ITEM		DESCRIPTION
MODEL	MC-807WR	
Power Requirement	230 Volts AC 50 Hz Single phase, 3 wire ground Microwave Grill Combination Convection	led 1350W 1250W 2650W 1350W (Max. 2550W)
Power Output	900 Watts full microwave po	
Microwave Frequency	2450 MHz	,
Magnetron	2M214 - 39F	
Timer	0 ~ 99 min.	
Outside Dimensions	530 (W) x 322 (H) x 500 (D)	mm
Cavity Dimensions	348 (W) x 235 (H) x 366 (D)	
Net Weight	20.5 kg	
Shipping weight	23 kg	
Control Complement	MEDHIGH (720W) MEDIUM (540W) DEFROST (360W)	
Rating Label Location		Back Side
Accessories	Owner's manual & Cook bo Glass turntable Rotating ring Grill rack, Convection rack Metal tray	ok
This microwave oven is de	esigned for household use only.	

CAUTIONS

Unlike other appliances, the microwave oven is high-voltage and high-current equipment. Though it is free from danger in ordinary use, extreme care should be taken during repair.

- DO NOT operate on a 2-wire extension cord during repair and use.
- NEVER TOUCH any oven components or wiring during operation.
- BEFORE TOUCHING any parts of the oven, always remove the power plug from the outlet.
- For about 30 seconds after the oven stops, an electric charge remains in the high voltage capacitor. When replacing or checking, you must discharge the high voltage capacitor by shorting across the two terminals with an insulated screwdriver.

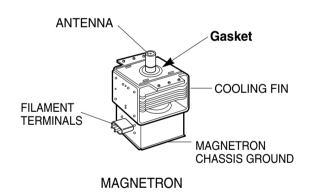


- Remove your watches whenever working close to or replacing the Magnetron.
- NEVER operate the oven with no load.
- NEVER injure the door seal and front plate of the oven cavity.
- NEVER put iron tools on the magnetron.
- NEVER put anything into the latch hole and the interlock switches area.

MICROWAVE RADIATION

Personnel should not be exposed to the microwave energy which may radiate from the magnetron or other microwave generating device if it is improperly used or connection. All input and output microwave connections, waveguide, flange and gasket must be secure never operate the device without a microwave energy absorbing load attached. Never look into an open waveguide or antenna while the device is energized.

- Proper operation of the microwave oven requires that the magnetron be assembled to the waveguide and cavity. Never operate the magnetron unless it is properly installed.
- Be sure that the magnetron gasket is properly installed around the dome of the tube whenever installing the magnetron.



THE OVEN IS TO BE SERVICED ONLY BY PROPERLY QUALIFIED SERVICE PERSONNEL.

INSTALLATIONS

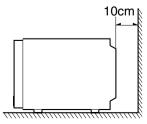
BEFORE YOU BEGIN, READ THE FOLLOWING INSTRUCTIONS COMPLETELY AND CAREFULLY.

INSTALLING

- Empty the microwave oven and clean inside it with a soft, damp cloth. Check for damage such as misaligned door, damage around the door or dents inside the cavity or on the exterior.
- Put the oven on a counter, table, or shelf that is strong enough to hold the oven and the food and utensils you put in it. (The control panel side of the oven is the heavy side. Use care when handling.)
- Do not block the vent and the air intake openings.
 Blocking vent or air intake openings can cause
 damage to the oven and poor cooking results.
 Make sure the microwave oven legs are in place to
 ensure proper air flow.
- 4. The oven should not be installed in any area where heat and steam are generated, because they may damage the electronic or mechanical parts of the unit.

Do not install the oven next to a conventional surface unit or above a conventional wall oven.

- 5. Use microwave oven in an ambient temperature less than 104°F(40°C).
- 6. Place the microwave oven on a sturdy and flat surface at least 10 cm(4 inches) from the wall.
- Place the microwave oven as far away as possible from TV, RADIO, COMPUTER, etc., to prevent interference.
- Do not touch the front glass during or after cooking of the Grill and Combination mode.
 This glass is very hot during heater operating.
- Do not operate the oven at microwave and combination mode with Grill rack placed in the cavity when the oven is empty.



EARTHING INSTRUCTIONS

This microwave oven is designed to be used in a fully earthed condition.

It is imperative, therefore, to make sure it is properly earthed before servicing

WARNING-THIS APPLIANCE MUST BE EARTHED

IMPORTANT

The wires in this mains lead are colored in accordance with the following code:

Green-and-yellow: Earth
Blue: Neutral
Brown: Live

As the colors of the wires in the mains lead of this appliance may not correspond with the colored markings identifying the terminals in your plug, proceed as follows.

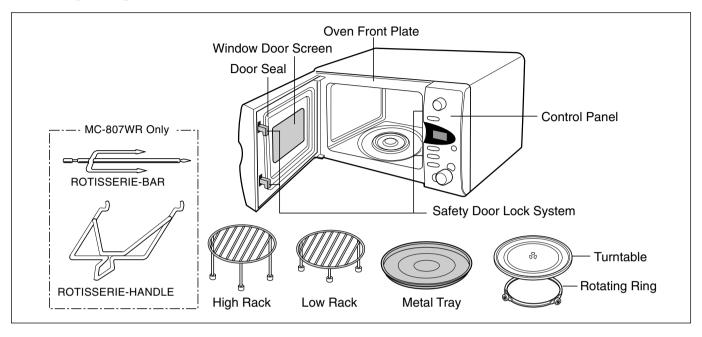
The wire which is colored **green-and-yellow** must be connected to the terminal in the plug which is marked with the letter **E** or by the **earth symbol** $(\underline{\bot})$ or colored **green** or **green-and-yellow**.

The wire which is colored **blue** must be connected to the terminal in the plug which is marked with the letter **N** or colored **black**.

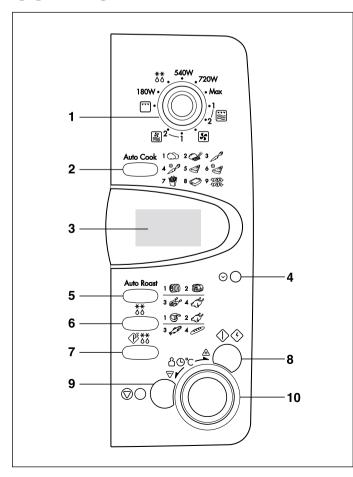
The wire which is colored **brown** must be connected to the terminal in the plug which is marked with the letter **L** or colored **red**.

OPERATING INSTRUCTIONS

FEATURES



CONTROL PANEL

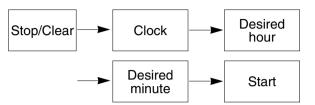


- 1. KNOB: Used to select the cooking mode.
- 2. AUTO COOK: Used to select the auto cook.
- **3. DISPLAY WINDOW:** Used to show time of day, power level of cooking, cooking category.
- 4. CLOCK: Used to set the time of day.
- 5. AUTO ROAST
- **6. AUTO WEIGHT DEFROST:** Used to select the auto weight defrost.
- 7. QUICK DEFROST: Used to defrost quickly 1Lb.
- **8. START/Q-START:** To quickly set the cooking time directly.
- **9. STOP/CLEAR:** Used to stop oven and clear all entries except time of day.
- **10. DIAL:** To select convection temperature, change cooking time, and weight.

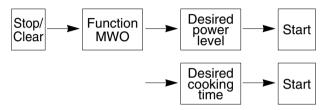
OPERATING SEQUENCE

The following is a description of component functions during oven operation.

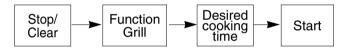
1. SETTING THE CLOCK



2. MICROWAVE COOKING

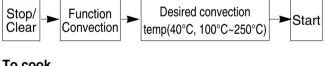


3. GRILL COOKING

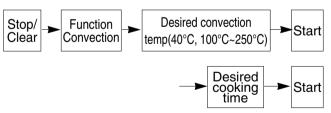


4. CONVECTION COOKING

To pre-heat

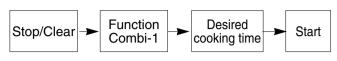


To cook

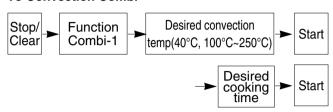


5. COMBINATION COOKING

To Grill Combi



To Convection Combi



6. AUTO WEIGHT DEFROST



7. AUTO ROAST



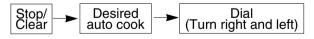
8. AUTO COOK

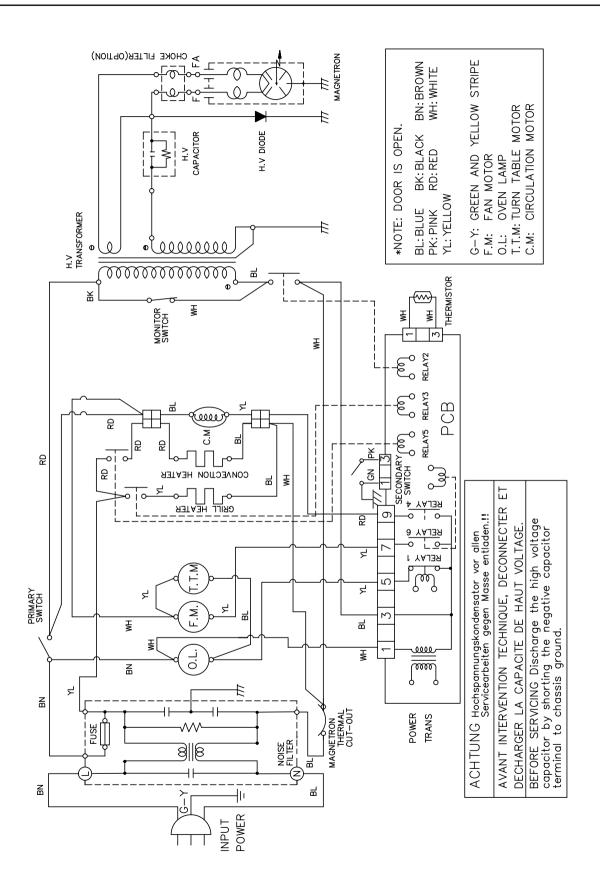


9. QUICK START



10. MORE AND LESS





CIRCUIT DESCRIPTION

GENERAL DETAILS

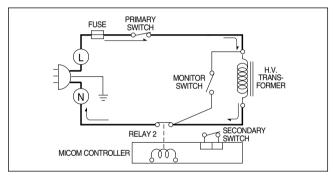
- The low voltage transformer supplies the necessary voltage to the micom controller when power cord is plugged in.
- When the door is closed, the primary switch is ON, the secondary switch is ON, and the monitor switch opens (contact COM and NO).

WHEN SELECTING COOKING POWER LEVEL AND TIME

- The micom controller memorizes the function you set.
- The time you set appears in the display window.
- Each indicator light turns on to indicate that the stage has been set.

WHEN TOUCHING THE START PAD

- The coil of the relay is energized by the micom controller.
- Power input is supplied to the high voltage transformer through the fuse to the primary switch and relay 2.
- Turntable rotates.



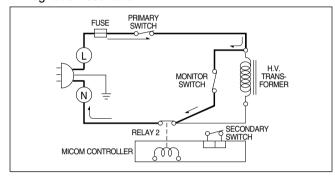
- The fan motor rotates and cools the magnetron by blowing the air (coming from the intake on the baseplate).
- The air is also directed into the oven to exhaust the vapor in the oven through the upper plate.
- · Cooking time starts counting down.
- 3.2 volts AC is generated from the filament winding of the high voltage transformer. This 3.2 volts is applied to the magnetron to heat the magnetron filament through two noise-preventing choke coils.
- A high voltage of approximately 2100 volts AC is generated in the secondary of the high voltage transformer which is increased by the action of the high voltage diode and charging of the high voltage capacitor.
- The negative 4,000 Volts DC is applied to the filament of the magnetron.

WHEN THE OVEN IS SET AT ANY LEVEL EXCEPT MAXIMUM.

- The micom controller controls the ON-OFF time of relay 2 by the applied signal to vary the average output power of microwave oven as POWER LEVEL. (refer to page 1-1)
- One complete cycle of relay 2 is 22 seconds.

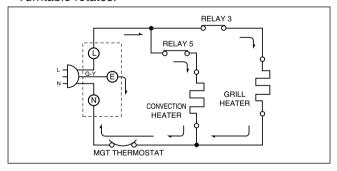
WHEN THE DOOR IS OPENED DURING COOKING

- Both the primary switch and relay 2 are cut off primary winding voltage of the high voltage transformer.
- ON-OFF of relay 2 is coupled electrically with opening and closing of the secondary switch.
- When the door is opened, the secondary switch is opened and when the door is closed, the secondary switch is closed.
- The cooking time stops counting down.
- Relay stops functioning.
- As the door is opened, if the contact of primary switch and relay 2 and/or secondary switch fails to open, the fuse opens due to the large current surge caused by the monitor switch activation, which in turn stops magnetron oscillation.

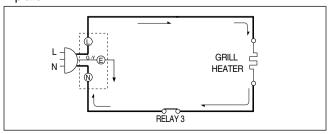


WHEN TOUCHING THE START KEY WITH THE CONVECTION/GRILL COOKING FUNCTION SELECTED

- The contacts of the primary switch and the secondary switch close the circuit.
- A.C. voltage is applied to the grill heater through grill thermostat as shown by the solid line.
- Turntable rotates.



- The fan motor rotates.
- The air is also directed into the oven to exhaust the vapor in the oven through the base plate and upper plate.



SERVICE INFORMATION

TOOLS AND MEASURING INSTRUMENTS

NECESSARY TOOLS

Tools normally used for TV servicing are sufficient. Standard tools are listed below.

- Diagonal pliers
- · Long nose pliers
- Phillips screwdriver
- Flat blade screwdriver
- Wrench (size 5mm)
- Nutdriver (size 5mm)
- Adjustable wrench
- Soldering iron
- Solder
- Vinyl insulation tape
- Polishing cloth

NECESSARY MEASURING INSTRUMENTS

- TESTER(VOLTS-DC, AC, Ohmmeter)
- Microwave survey meter
- Holaday HI-1500

HI-1501

8200

- Narda 8100

• Inch scale

- 600 cc non conductive material beaker (glass or plastic), inside diameter: approx. 8.5 cm(3¹/2 in.)
- Cylindrical and made of borosilicate glass vessel.

max. thickness: 3 mm outside diameter: approx. 190mm

height: approx. 90mm

Glass thermometer: 100°C or 212°F (1 deg scale)

MICROWAVE LEAKAGE TEST

CAUTIONS

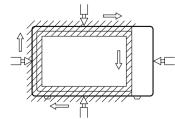
- Be sure to check microwave leakage prior to servicing the oven if the oven is operative prior to servicing.
- The service personnel should inform the manufacture importer, or assembler of any certified oven unit found to have a microwave emission level in excess of 5 mW/cm² and should repair any unit found to have excessive emission levels at no cost to the owner and should ascertain the cause of the excessive leakage. The service personnel should instruct the owner not to use the unit until the oven has been brought into compliance.
- If the oven operates with the door open, the service personnel should:
 - Tell the user not to operate the oven.
 - Contact the manufacturer.
- The service personnel should check all surface and vent openings for microwave leakage.
- Check for microwave leakage after every servicing.
 The power density of the microwave radiation leakage emitted by the microwave oven should not exceed 4 mW/cm². Always start measuring of an unknown field to assure safety for operating personnel from radiation leakage.

MEASURING MICROWAVE ENERGY LEAKAGE

- Pour 275±15cc of 20±5°C(68±9°F) water in a beaker which is graduated to 600 cc, and place the beaker on the center of the turntable.
- Set the energy leakage monitor to 2,450 MHz and use it following the manufacturer's recommended test procedure to assure correct result.
- When measuring the leakage, always use the 2-inch (5cm) spacer supplied with the probe.
- Operate the oven at its maximum output.
- Measure the microwave radiation using and electromagnetic radiation monitor by holding the probe perpendicular to the surface being measured

Move probe along shaded area

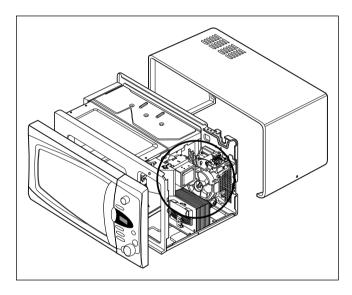
Probe scanning speed Less than 2.5 cm/sec (1in/sec)



MEASUREMENT WITH OUTER CASE REMOVED

- When you replace the magnetron, measure for microwave energy leakage before the outer case is installed and after all necessary components are replaced or adjusted.
 - Special care should be taken in measuring the following parts. (Circled area of below Fig.)
 - Around the magnetron
 - The waveguide

WARNING : AVOID CONTACTING ANY HIGH VOLTAGE PARTS



MEASUREMENT WITH A FULLY ASSEMBLED OVEN

- After all components, including the outer case, are fully assembled, measure for microwave energy leakage around the door viewing window, the exhaust opening, and air inlet openings.
- Microwave energy leakage must not exceed the values prescribed below.

NOTE: Leakage with the outer case removed less than 5 mW/cm.sq. Leakage for a fully assembled oven (Before the latch switch (primary) is interrupted) with the door in a slightly opened position-less than 2 mW/cm.sq.

NOTES WHEN MEASURING

- Do not exceed meter full scale deflection.
- The test probe must be removed no faster than 1 inch/sec (2.5 cm/sec) along the shaded area, otherwise a false reading may result.
- The test probe must be held with the grip portion of the handle.
- A false reading may result if the operator's hand is between the handle and the probe.
- When testing near a corner of the door, keep the probe perpendicular to the surface making sure the probe horizontally along the oven surface, this may possibly cause probe damage.

RECORD KEEPING AND NOTIFICATION AFTER MEASUREMENT

- After adjustment and repair of any microwave energy interruption or microwave energy blocking device, record the measured values for future reference. Also enter the information on the service invoice.
- The microwave energy leakage should not be more than 4 mW/cm.sq. after determining that all parts are in good condition, functioning properly and genuine replacement parts which are listed in this manual have been used.
- At least once a year, have the electromagnetic energy leakage monitor checked for calibration by its manufacturer.

MEASUREMENT OF MICROWAVE POWER OUTPUT

- Microwave power output measurement is made with the microwave oven supplied at its rated voltage and operated at its maximum microwave power setting with a load of (1000 ± 5)g potable water.
- The water is contained in a cylindrical borosilicate glass vessel having a maximum material thickness of 3 mm and an outside diameter of approximately 190 mm.
- The oven and the empty vessel are at ambient temperature prior to the start of the test.
- The initial temperature (±1) of the water is (10±2)°C. It is measured immediately before the water is added to the vessel. After addition of the water to the vessel, the load is immediately placed on the center of the shelf which is in the lowest position and the microwave power switched on.
- The time T for the temperature of the water to rise by a value ΔT of $(10\pm2)^{\circ}K$ is measured, where T is the time in seconds and ΔT is the temperature rise. The initial and final water temperatures are selected so that the maximum difference between the final water temperature and the ambient temperature is $5^{\circ}K$.

• The microwave power output P in watts is calculated from the following formula :

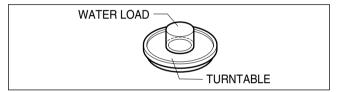
4187 X (
$$\Delta T$$
) + 0.88 X (T_2 - T_0) X M

Т

- T2: Temperature after heating
- To: Temperature of bowl
- M : Weight of bowl

is measured while the microwave generator is operating at full power. Magnetron filament heat-up time is not included.

- The water is stirred, to equalize temperature throughout the vessel, prior to measuring the final water temperature.
- Stirring devices and measuring instruments are selected in order to minimize addition or removal of heat.



DISASSEMBLY AND ADJUSTMENT

A. OUTER CASE REMOVAL

- 1) Disconnect the power supply cord from the outlet.
- 2) Remove the screws from the rear and along side edges of the case.

The outer case must be moved backward to be lifted off.

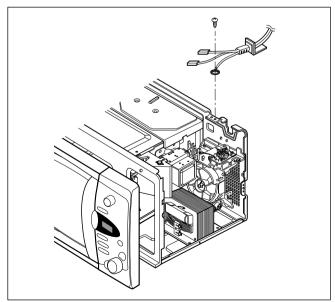
B. POWER SUPPLY CORD REMOVAL

- 1) Remove the outer case.
- Disconnect two terminals, and remove one screw of the earth terminal.

CAUTION: DISCHARGE THE HIGH VOLTAGE CAPACITOR BEFORE SERVICING (refer to page 2-1)

C. CONTROLLER ASSEMBLY REMOVAL

- 1) Disconnect the leadwire from the PCB SUB ASS'Y.
- 2) Remove the screws for the earth and securing the control panel.
- 3) Lift control panel ASS'Y from the oven by the tab unhooked.



D. DOOR GROSS ASSEMBLY REMOVAL

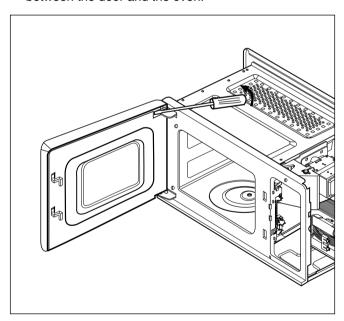
- 1) Open the door.
- Remove the choke cover very carefully with a flatblade screwdriver.

CAUTION : Be careful not to damage door seal plate by screwdriver.

3) Lift up and push the door.

NOTE:

- 1. After replacing the door, be sure to check that the primary switch, monitor switch, and secondary switch operate normally.
- After replacing the door, check for microwave energy leakage with a survey meter. Microwave energy must be below the limit of 5 mW/cm. (with a 275 ml water load)
- 3. When mounting the door assembly to the oven assembly, be sure to adjust the door assembly parallel to the chassis. Also adjust so the door has no play between the inner door surface and oven frame assembly. If the door assembly is not mounted properly, microwaves may leak from the clearance between the door and the oven.



E. HIGH VOLTAGE TRANSFORMER REMOVAL

- 1) Discharge the high voltage capacitor.
- Disconnect the leadwire from magnetron, high voltage transformer, and capacitor.
- 3) Remove the screw holding the high voltage transformer to the baseplate.

F. AIR DUCT ASSEMBLY REMOVAL

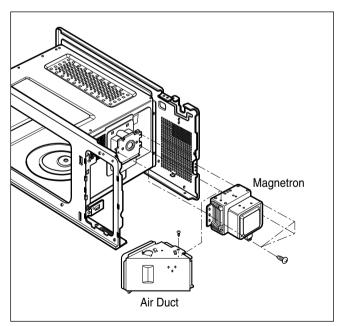
- Disconnect the leadwire from lamp and MGT thermostat.
- 2) Remove the mounting screw to the magnetron.

G. MAGNETRON REMOVAL

- 1) Disconnect the leadwire from the high voltage transformer and high voltage capacitor.
- 2) Carefully remove the mounting screws holding the magnetron and the waveguide.
- 3) Remove the magnetron ASS'Y until the tube is clear from the waveguide.

NOTE:

- When removing the magnetron, make sure its dome does not hit any adjacent parts, or it may be damaged.
- 2. When replacing the magnetron, be sure to install the magnetron gasket in the correct position and be sure that the gasket is in good condition.
- 3. After replacing the magnetron, check for microwave leakage with a survey meter around the magnetron. Microwave energy must be below the limit of 5 mW/cm². (With a 275 ml. water load). Make sure that gasket is rigidly attached to the magnetron. To prevent microwave leakage, tighten the mounting screws properly, making sure there is no gap between the waveguide and the magnetron.

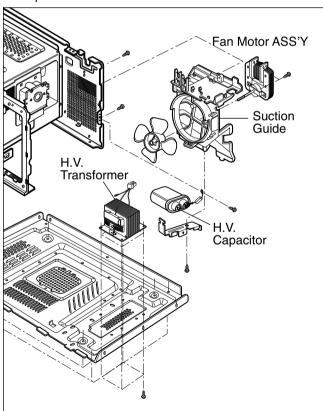


H. FAN MOTOR ASSEMBLY REMOVAL

- 1) Discharge the high voltage capacitor.
- 2) Disconnect the leadwire from fan motor, noise filter and high voltage capacitor.
- Remove the two screws holding the the suction guide ASS'Y to the oven cavity and remove the high voltage diode earth screw.
- 4) Remove the screw of the capacitor bracket.
- 5) Remove the two screws holding the fan motor ASS'Y to the suction guide ASS'Y.

I. HIGH VOLTAGE CAPACITOR AND DIODE REMOVAL

- 1) Discharge the high voltage capacitor.
- 2) Disconnect the leadwire from fan motor, noise filter and high voltage capacitor.
- Remove the screw holding the suction guide ASS'Y to the oven cavity and remove the high voltage diode earth screw.
- 4) Remove the screw holding the high voltage capacitor bracket.



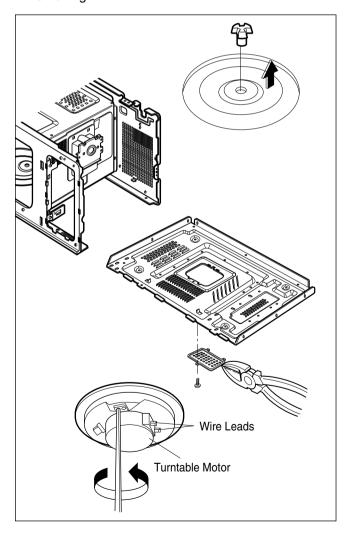
J. THE TURNTABLE MOTOR REMOVAL

- 1) Remove the turntable.
- Remove the turntable shaft VERY CAREFULLY with a slotted screwdriver.
- 3) Lay the unit down on its back.
- 4) Remove the turntable motor cover.

 The turntable base cover is easily removed by pinching the six parts with a wire cutting.
- 5) Disconnect the leadwire from the turntable motor terminals.
- 6) Remove the screw securing the turntable motor to the oven cavity ASS'Y
- 7) After repairing the motor, rotate the removed turntable motor cover.
- 8) Fit the turntable motor cover's projecting part to the base plate slit.

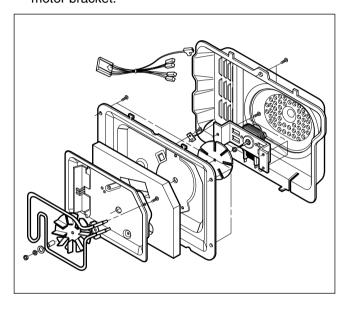
NOTE:

- 1. Remove the wire lead from the turntable motor VERY CAREFULLY.
- 2. Be sure to grasp the connector, not the wires, when removing



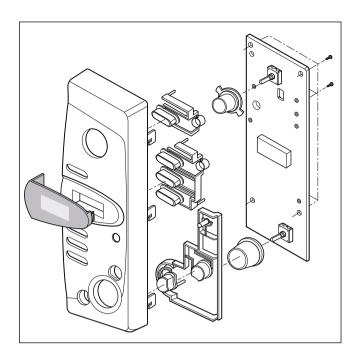
K. C-MOTOR, THERMISTOR AND SHEATH HEATER REMOVAL

- Remove the two screws securing the cover assembly to the oven cavity.
- 2) Disconnect the leadwire from the circulation motor terminal and the sheath heater.
- 3) Remove the screws of the thermistor, guide assychamber and lift up the guide assy-chamber.
- 4) Remove a hex nut securing the circulation fan to shaft of the C-motor.
- 5) Remove screws securing the motor bracket to the guide assy-chamber.
- 6) Remove two hex nuts securing the C-motor to the motor bracket.



L. PCB ASSEMBLY REMOVAL

- 1) Remove the control panel assembly from the cavity. (Refer to control panel assembly removal on previous page.)
- Remove screws which hold the PCB SUB ASS'Y to the control panel.
- Take off the PCB SUB ASS'Y from the control panel.

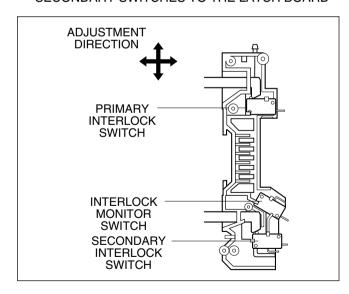


M. INTERLOCK SYSTEM

1) INTERLOCK MECHANISM

The door lock mechanism is a device which has been specially designed to eliminate completely microwave activity when the door is opened during cooking and thus to prevent the danger resulting from the microwave leakage.

2) MOUNTING OF THE PRIMARY/MONITOR/ SECONDARY SWITCHES TO THE LATCH BOARD



3) INSTALLATION AND ADJUSTMENT OF THE LATCH BOARD TO THE OVEN ASSEMBLY

- Mount the latch board to the oven assembly.
- Adjust the latch board in the arrow direction so that oven door will not have any play in it when the door is closed.
- Tighten the mounting screw.

INTERLOCK CONTINUITY TEST

WARNING: FOR CONTINUED PROTECTION AGAINST EXCESSIVE RADIATION EMISSION, REPLACE ONLY WITH IDENTICAL REPLACEMENT PARTS.

TYPE NO. SZM-V 16-FA-63 OR VP-533A-OF FOR PRIMARY SWITCH

TYPE NO. SZM-V 16-FA-62 OR VP-532A-OF FOR MONITOR SWITCH

TYPE NO. SZM-V 16-FA-63 OR VP-533A-OF FOR SECONDARY SWITCH

A. PRIMARY INTERLOCK SWITCH TEST

When the door release button is depressed slowly with the door closed, an audible **click** should be heard at the same time or successively at intervals. When the button is released slowly, the latches should activate the switches with an audible **click**.

If the latches do not activate the switches when the door is closed, the switches should be a adjusted in accordance with the adjustment procedure. Disconnect the wire lead from the primary switch. Connect the ohmmeter leads to the common (COM) and normally open (NO) terminal of the switch. The meter should indicate an open circuit in the door open condition. When the door is closed, the meter should indicate a closed circuit.

When the primary switch operation is abnormal, make the necessary adjustment or replace the switch only with the same type of switch.

B. SECONDARY INTERLOCK SWITCH TEST

Disconnect the wire lead from the secondary switch.

Connect the ohmmeter leads to the common (COM) and normally open (NO) terminals of the switch. The meter should indicate a open circuit in the door open condition. When the door is closed, meter should indicate an closed circuit. When the secondary switch operation is abnormal, make the necessary adjustment or replace the switch only with the same type of switch.

C. MONITOR SWITCH TEST

Disconnect the wire lead from the monitor switch. Connect the ohmmeter leads to the common (COM) and normally closed (NC) terminals of the switch. The meter should indicate closed circuit in the door open condition. When the door is closed, meter should indicate an open circuit. When the monitor switch operation is abnormal, replace with the same type of switch.

NOTE: After repairing the door or the interlock system, it is necessary to do this continuity test before operating the oven.

COMPONENTS	7	TEST PROCEDURE	RESULTS		
SWITCHES (Wire leads removed)	Check for continuity of the switch with a Multi-meter		Door open	Door close	
	Primary Switch	NO	8	°	
	Monitor Switch	NC COM	$\overset{\infty}{\frown}$	$\overset{\infty}{\longleftarrow}$	
	Secondary Switch	NO COM	8	° °	
		checking for the continuity of switches ctly connected.	, make sure tha	it are	

COMPONENT TEST PROCEDURE

CAUTIONS

- 1. DISCONNECT THE POWER SUPPLY CORD FROM THE OUTLET WHENEVER REMOVING THE OUTER CASE FROM THE UNIT. PROCEED WITH THE TEST ONLY AFTER DISCHARGING THE HIGH VOLTAGE CAPACITOR AND REMOVING THE WIRE LEADS FROM THE PRIMARY WINDING OF THE HIGH VOLTAGE TRANSFORMER. (SEE PAGE 2-1)
- 2. ALL OPERATIONAL CHECKS WITH MICROWAVE ENERGY MUST BE DONE WITH A LOAD (1 LITER OF WATER IN CONTAINER) IN THE OVEN.

COMPONENTS	TEST PROCEDURE	RESULTS
HIGH VOLTAGE TRANSFORMER (Wire leads removed)	FILAMENT WINDING TERMINAL SECONDARY TERMINAL 1. Measure the resistance. (Ohm-meter scale: Rx1 and Rx100) • Primary winding • Secondary winding • Filament winding 2. Measure the resistance. (Ohm-meter scale: Rx1000) • Primary winding to ground • Filament winding to ground • Filament winding to ground	Approx.: 1.9 ohm Approx.: 90 ohm Less than: 1 ohm Normal: Infinite Normal: Infinite
MAGNETRON (Wire leads removed)	 Measure the resistance. (Ohm-meter scale: Rx1) • Filament terminal Measure the resistance. (Ohm-meter scale: Rx1000) • Filament to chassis 	Normal: Less than 1 ohm Normal: Infinite

COMPONENTS	TEST PROCEDURE	RESULTS
	Antenna Gasket Chassis Filament NOTE: When testing the magnetron, be sure in the correct position and be sure that	
HIGH VOLTAGE CAPACITOR	Measure the resistance. (Ohm-meter scale: Rx1000) • Terminal to terminal.	Normal: Momentarily indicates several ohms, and then gradually returns to infinite.
	Measure the resistance. (Ohm-meter scale: Rx1000) • Terminal to case.	Normal: Infinite.
HIGH VOLTAGE DIODE NOTE: Some inexpensive meters may indicate infinite	Measure the continuity (Forward). (Ohm-meter scale: Rx10000)	Normal: Continuity. Abnormal: Infinite.
resistance in both direction.	Measure the continuity (Reverse). (Ohm-meter scale: Rx10000)	Normal: Infinite. Abnormal: Continuity.

COMPONENTS	COMPONENTS TEST PROCEDURE RESULTS		
FUSE	Check for continuity of the fuse with an multi-meter.	Normal Abnormal	
	NOTE: If the fuse is blown, check the primary switches, H.V.D. and H.V.C. before replacing If the fuse is blown by improper switch operat and the fuse at the same time. Replace just the normally.	the fuse. ion replace the defective switch	
HEATER ELEMENT (Wire leads removed.)	Measure the resistance. (Multi-meter scale: Rx1)	Normal: *Grill heater Approx. 42 ohm (at 20 ~ 30°C) *Convection heater Approx 40 ohm (at 20 ~ 30°C)	
	Measure the resistance with 500V-100M ohm insulation resistance meter.	Normal: more than 0.5 Mohm	
	NOTE: Make sure heater is fully cooled when	tested.	
MAGNETRON THERMOSTAT		0°C~Approx.90°C Approx.90°C	

COMPONENTS	TEST PROCEDURE	RESULTS		
Disconnect the 8 pin connector from P.C.B. (Refer to schemetic diagram)	Check for P.C.B. connector.	Cooking Start	OFF	
(Teles to contain and anagram)	1 3 5	®°	°° C°	
RELAY 2, RELAY 3	Delay 0	Cooking Start	OFF	
OF P.C.B. (Wire leads removed.) Note: Relay Relay 1: Fan motor	Relay 1 Relay 1 Relay 2	°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°	[®] C°	
FAN MOTOR (Wire leads removed)	Measure the resistance.	Normal: Approx	. 200 ~400 ohm	
(Wire leads removed)	(Ohm-meter scale: R x 1)		30 ~ 50 ohm	
	A B	B Approx. 3 Abnormal: Infini ohm		
TURNTABLE MOTOR	Measure the resistance. (Ohm-meter scale: R x 1000)	Normal: Approx	. 10~20 kohm	
(Wire leads removed)	(Similarios)	Abnormal: Infini ohm	te or several	

NOTE: • A MICROWAVE LEAKAGE TEST MUST ALWAYS BE PERFORMED WHEN THE UNIT IS SERVICED FOR ANY REASON.

- MAKE SURE THE WIRE LEADS ARE IN THE CORRECT POSITION.
- WHEN REMOVING THE WIRE LEADS FROM THE PARTS, BE SURE TO GRASP THE CONNECTOR, NOT THE WIRES.

COMPONENTS	TEST PROCEDURE	RES	ULTS
CIRCULATION MOTOR (Wire leads removed) NOTE: *() = WIRE COLOR	COM (YL)	Normal : COM-230 Abnormal : Infinite	
RELAY 4, 6 OF P.C.B		Cooking Start	OFF
(Disconnect the 9 pin connector from P.C.B) See Schematic Dagram on page 4-3)	CN2 3 5 7 9 Relay 6 Relay 4	$\overset{\infty}{\frown}\overset{\circ}{\frown}$	$\overset{\infty}{\bigtriangleup}\!$
DELAY 2 2 F OF D C D		Cooking Start	OFF
RELAY 2, 3, 5 OF P.C.B (Wire leads removed.) RY2: Microwave RY3: Grill RY5: Convection	Relay 2 Relay 3 Relay 5	$^{\circ}$	$^{\circ}$

NOTE: A MICROWAVE ENEGRY LEAKAGE TEST MUST ALWAYS BE PERFORMED WHEN THE UNIT IS SERVICED FOR ANY REASON.

MAKE SURE THE WIRE LEADS ARE CORRECT POSITION.

WHEN REMOVING THE WIRE LEAD FROM THE PARTS, BE SURE TO GRASP THE

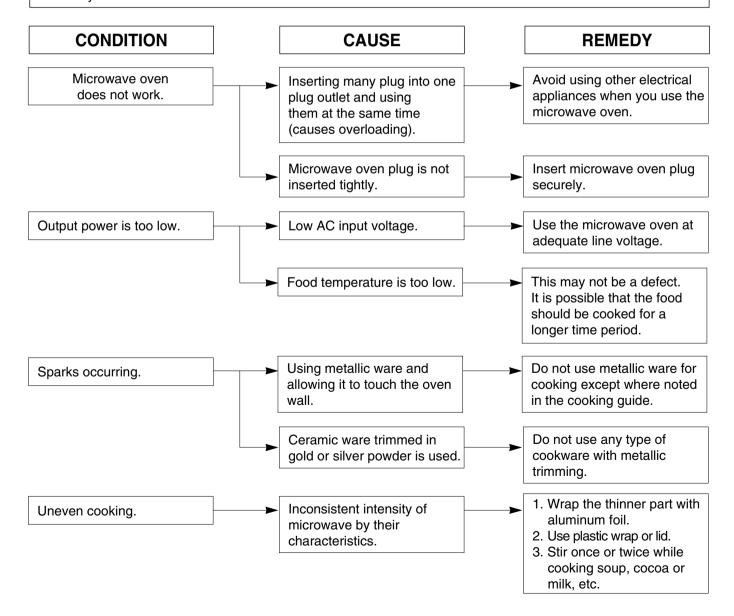
CONNECTOR, NOT THE WIRES.

TROUBLE SHOOTING

WHEN YOU GET A COMPLAINT FROM YOUR CUSTOMER, EVALUATE THE COMPLAINT CAREFULLY. IF THE FOLLOWING SYMPTOMS APPLY, PLEASE INSTRUCT THE CUSTOMER IN THE PROPER USE OF THE MICROWAVE OVEN. THIS CAN ELIMINATE AN UNNECESSARY SERVICE CALL.

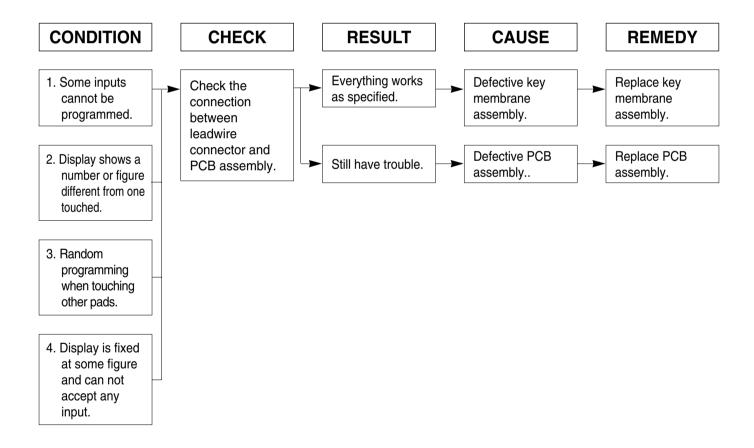
CAUTIONS

- 1. Check grounding before checking for trouble.
- 2. Be careful of the high voltage circuit.
- 3. Discharge the high voltage capacitor. (See page 2-1)
- 4. When checking the continuity of the switches or of the high voltage transformer, disconnect one lead wire from these parts and then check continuity with the AC plug removed. To do otherwise may result in a false reading or damage to your meter.
- 5. Do not touch any part of the circuitry on the digital programmer circuit since static electric discharge may damage this control panel.
 - Always touch yourself ground while working on this panel to discharge any static charge built up in your body.

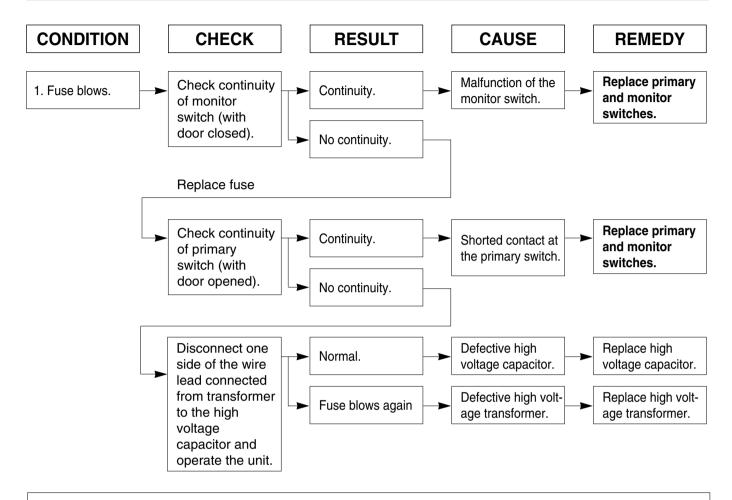


(TROUBLE 1) The following visual conditions indicate a probable defective control circuit.

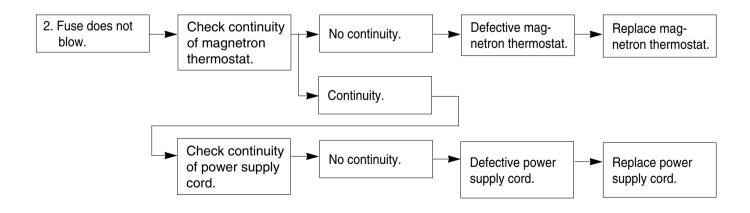
- 1. Incomplete segments.
 - · Segment missing.
 - Partial segment missing.
 - Digit flickering (NOTE: Slight flickering is normal.)
- 2. Colon does not turn on or blink.
- 3. A distinct change in the brightness of one or more numbers in display.
- 4. One or more digits in the display are not lighting.
- 5. Display indicates a number different from one touched, for example, key in 5 and 3 appears in the display.
- 6. Specific numbers (for example 7 or 9) will not display when key pad is touched.
- 7. Display does not count down with time blinking or up with clock operation.
- 8. Display obviously jumps in time while counting down.
- 9. Display counts down too fast while cooking.
- 10. Each indicator light does not turn on after setting cooking cycle.
- 11. Display time of day does not reappear when cooking is finished.
- 12. Beep sound is not heard when correct key is touched.



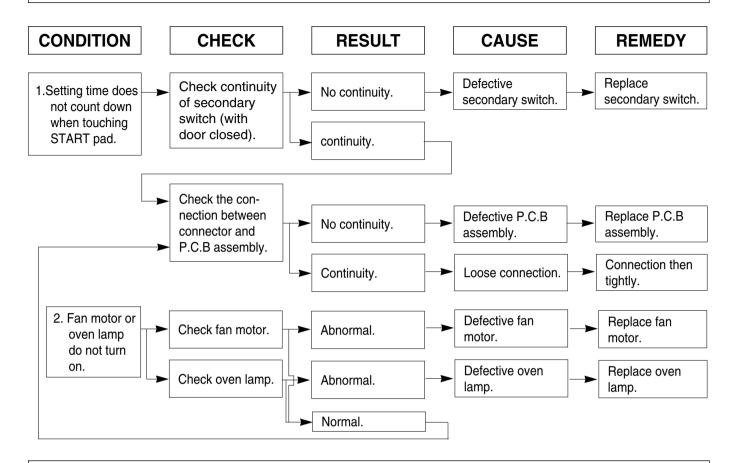
(TROUBLE 2) Oven does not operate at all; Display window does not display any figures and no input is accepted.



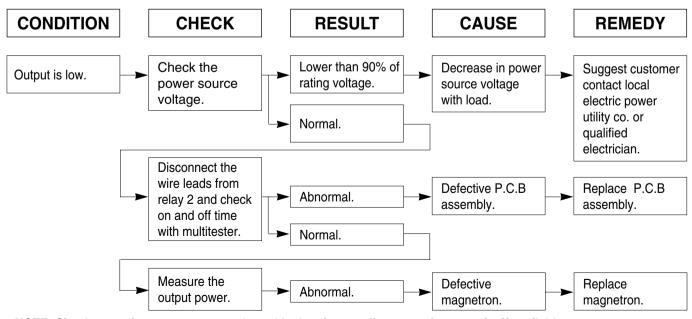
NOTE: All these switches must be replaced at the same time. Refer to page 5-6, 5-7



(TROUBLE 3) Display shows all figures set, but oven does not start cooking while desired program times are set and START pad is touched.

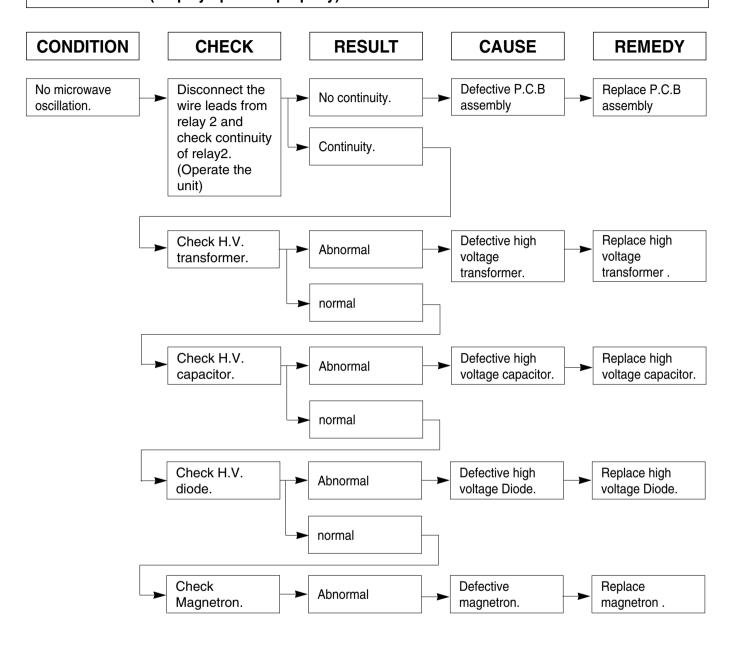


(TROUBLE 4) Oven seems to be operation but little heat is produced in oven load.

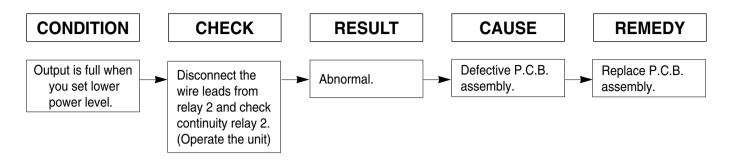


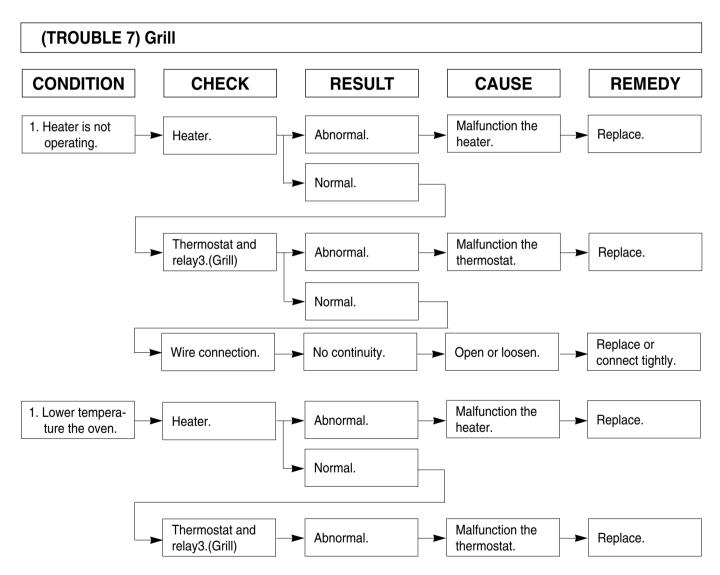
NOTE: Simple test of power output-conducted by heating one liter water for one min. if available.

(TROUBLE 5) No microwave oscillation even though oven lamp and fan motor run (Display operates properly)



(TROUBLE 6) Oven does not cook properly when programmed for the set power level (Operates properly on HIGH)



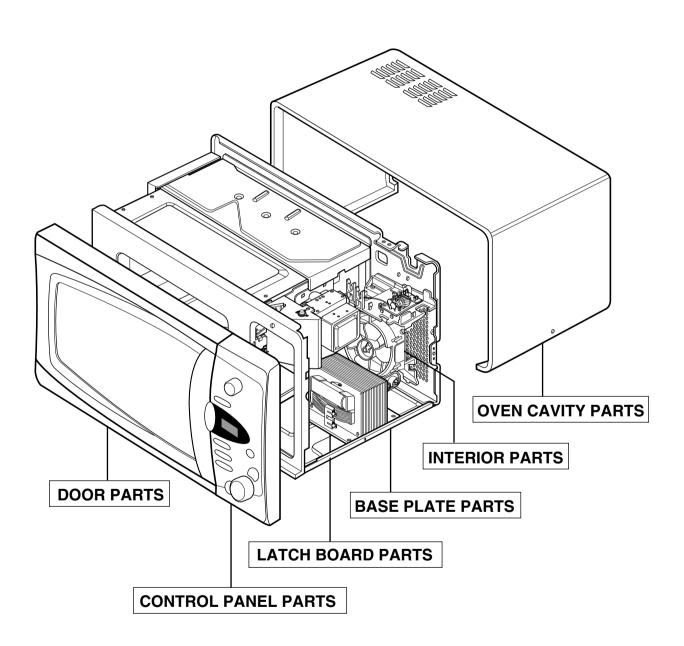


NOTE: * Make sure the wore leads correct position.

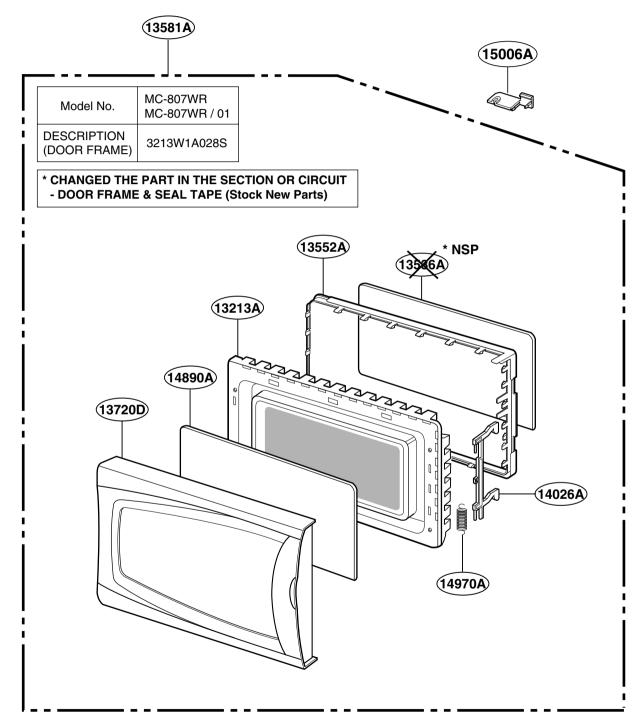
- * When removing the wire leads from parts be sure to grasp the connector not the wires.
- * When removing the magnetron, be sure to install the magnetron gasket in the correct position and in good condition.

EXPLODED VIEW

INTRODUCTION

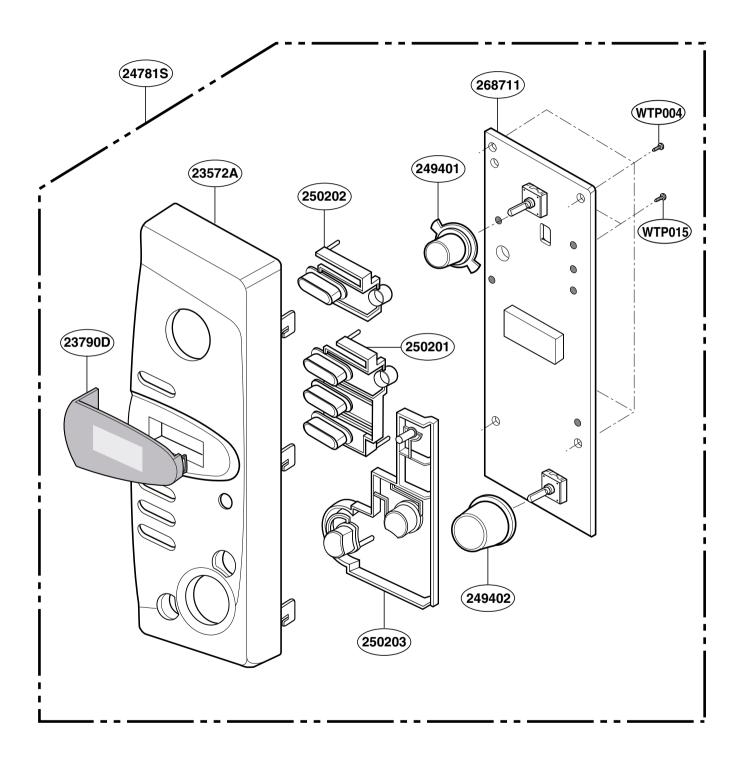


DOOR PARTS

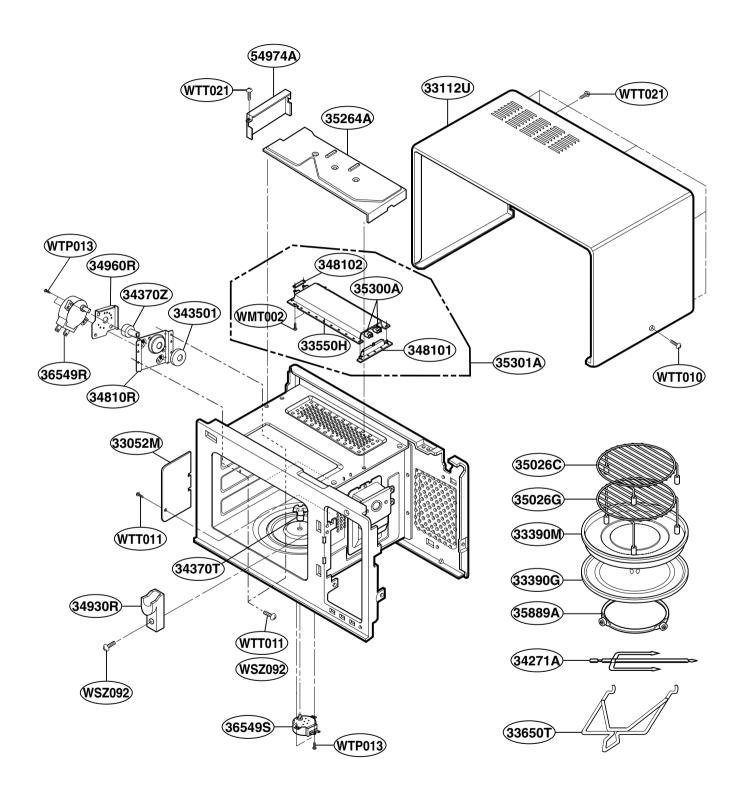


* NSP: NOT SERVICE PARTS

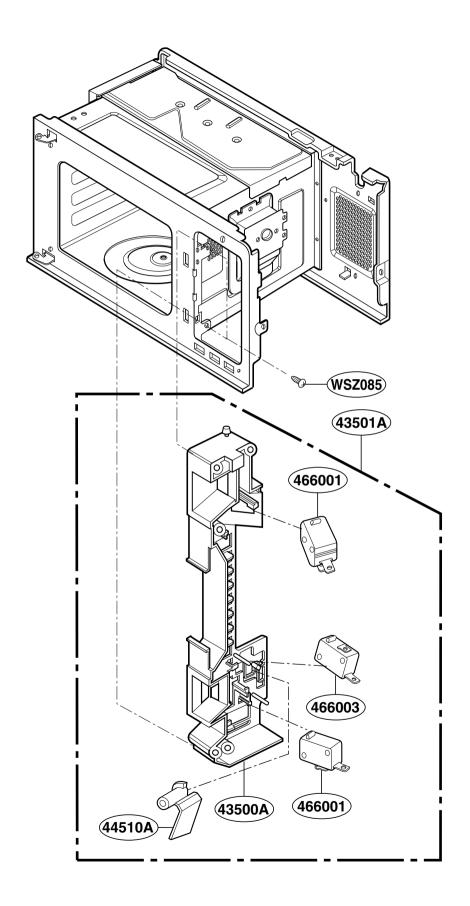
CONTROL PANEL PARTS



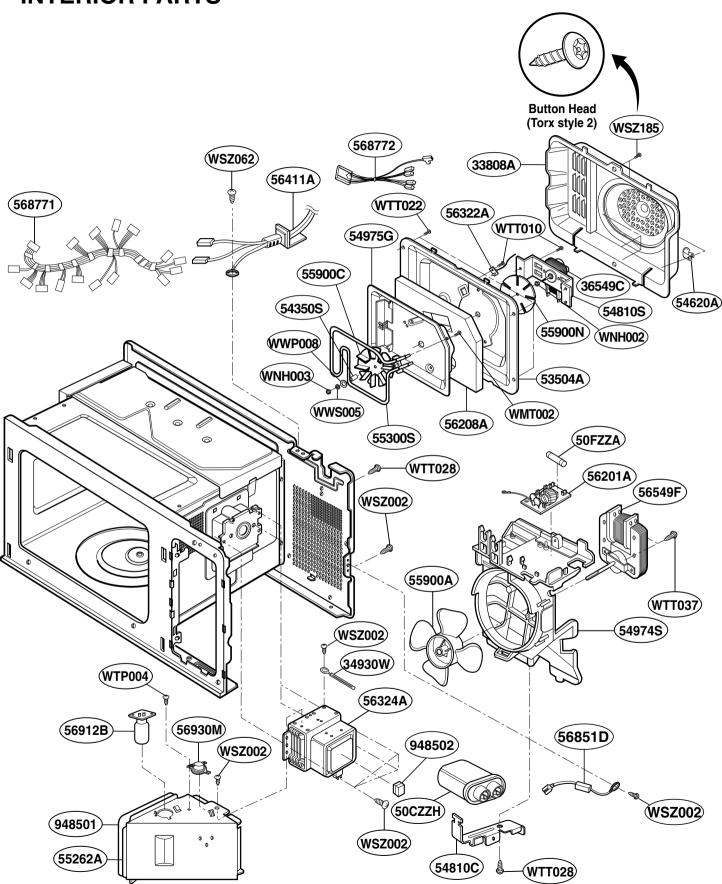
OVEN CAVITY PARTS



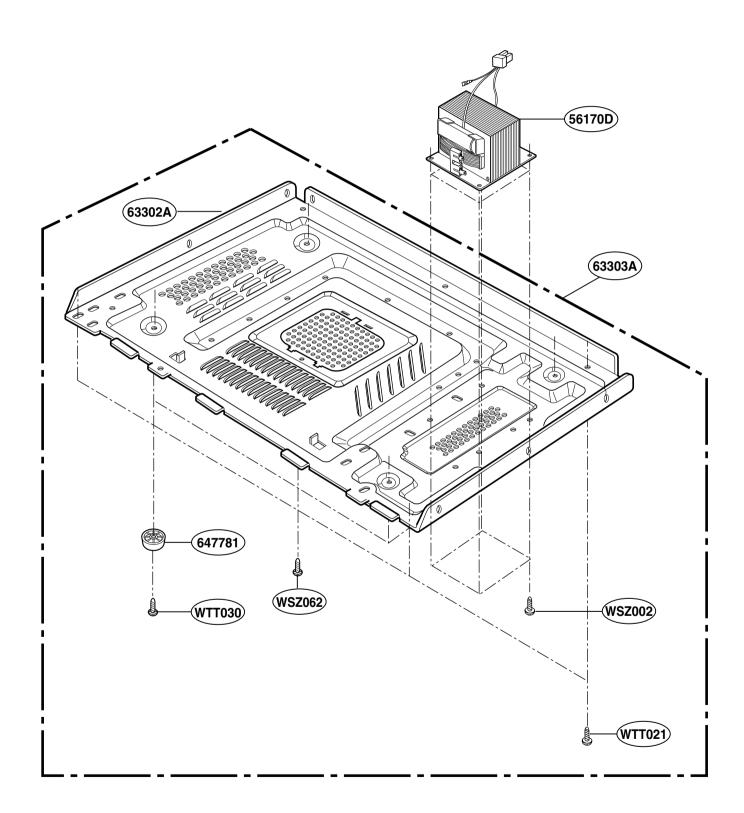
LATCH BOARD PARTS



INTERIOR PARTS



BASE PLATE PARTS



REPLACEMENT PARTS LIST

For Model :MC-807WR I/C : INTERCHANGEBILITY CODE Rev1. Jan. 14. 2005

Location	Part Name	Difference	Difference Chart (Part No)		svc	Alternate
No.		MC-807WR	I/C	MC-807WR / 01		
*01	MANUAL,OWNERS	3828W5A2652	\rightarrow	3828W5A4361	R	
*02	MANUAL,SERVICE			3828W5S4528	R	
*03	COOK BOOK			3878W5A0054	R	
*10	BOX,YELLOW	3890W3Y454A	\rightarrow	3890W3Y904G	R	
13213A	DOOR FRAME ASSEMBLY			3213W1A028F	R	
13536A	SEAL TAPE			3536W1A001A	R	
13552A	CHOKE COVER			3552W1A037A	R	
13581A	DOOR ASSEMBLY	3581W1A324A	\rightarrow	3581W1A498A	R	
13720D	PANEL,DOOR			3720W0D232A	R	
14026A	LATCH			4026W2A015A	R	
14890A	GLASS			4890W1A001D	R	
14970A	SPRING			4970WRA001C	R	
15006A	CAP,CHOKE COVER			5006W3A017A	R	
23572A	PANEL,CONTROL			3720W0C018A	R	
23790D	WINDOW,DIGITRON			3790W1A021A	R	
24781S	CONTROLLER ASSEMBLY,SEMI MICOM			4781W1S117A	R	
249401	KNOB			4940W1A061A	R	
249402	KNOB			4940W1A028A	R	
250201	BUTTON			5020W1A063B	R	
250202	BUTTON			5020W1A064A	R	
250203	BUTTON			5020W1A065A	R	
268711	PWB(PCB) ASSEMBLY,SUB			6871W1S113A	R	
33052M	CANOPY,MICA			3052W1M004B	R	
33112U	OUT CASE,U-BENDING	3112W1U012V	\rightarrow	3112W1U022Q	R	
33390G	TRAY,GLASS	3390W1G002A	\rightarrow	1B71961E	R	1B71961A
33390M	TRAY,METAL			3390W2P002F	R	
33550H	COVER,HEATER			3550W2A076A	R	
33650T	HANDLE,ROTISSERIE			2B72896A	R	
33808A	COVER,BACK			3550W1A072A	R	
34271A	BAR ASSEMBLY			4271W3A001B	R	
34370T	SHAFT,TURN TABLE			3B72373E	R	
34370Z	SHAFT,ROTISSERIE			4370W3Z004A	R	
348101	BRACKET,HEATER			4810W3G082A	R	
348102	BRACKET,HEATER			4810W4G066A	R	
34810R	BRACKET,MOTOR			4810W3N026A	R	
34930R	HOLDER,COOK AUXILIARY			4930W3A001A	R	
34930W	HOLDER,WIRE			4B72510F	R	
34960R	MOUNT			4960W3G028A	R	
35026C	SHELF			3750W1A003M	R	
35026G	SHELF			3B71492Y	R	
35264A	AIR TUNNEL			5264W1A004B	R	
35300A	HEATER ASSEMBLY			5300W1A001A	R	5300W2A006S
35301A	HEATER ASSEMBLY			5301W2A034T	R	5301W2A034P
35889A	ROTATING RING ASSEMBLY			5889W2A005L	R	5889W2A015L
36549C	MOTOR(CIRC),CIRCULATION			2B72063D	R	
36549R	MOTOR(CIRC),SYNCHRONOUS			6549W2S002P	R	
36549S	MOTOR(CIRC),SYNCHRONOUS			6549W1S011N	R	
43500A	BOARD,LATCH			3500W1A005A	R	
43501A	BOARD ASSEMBLY,LATCH			3501W1A016F	R	
44510A	LEVER			4510W4A005A	R	
466001	SWITCH,MICRO			3B73362F	R	6600W1K004C
466001	SWITCH,MICRO			3B73362F	R	3B73362E
466003	SWITCH,MICRO			3B73361E	R	6600W1K004B

No. MC-807WR I/C MC-807WR / 01 466003 SWITCH,MICRO 3B73361E R 50CZZH CAPACITOR,DRAWING[HIGH VOLTAGE] 0CZZW1H004S R 50CZZH CAPACITOR,DRAWING[HIGH VOLTAGE] 0CZZW1H004S R 50FZZA FUSE,DRAWING 3B74133N R 53504A CHAMBER 3300W1G057A R 54350S RING 4B73725A R 54810C BRACKET,CAPACITOR 4810W4C003A R 54810S BRACKET,MOTOR 3B72717A R 54974A AIR TUNNEL 4974W2G040A R 54974S GUIDE,SUCTION 4974W1S016A R 54975G GUIDE ASSEMBLY,CHAMBER 4975W1G002C R 55262A DUCT 5262W2A018B 5262W2A018B R 55300S HEATER,SHEATH 5300W2S018A → 5300W2S018F R 55900C FAN 3B72550A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R <th>3B73361D 0CZZW1H002K 0CZZW1H003K 3B70856K 6170W1D068D 6201W1A006A</th>	3B73361D 0CZZW1H002K 0CZZW1H003K 3B70856K 6170W1D068D 6201W1A006A
50CZZH CAPACITOR,DRAWING[HIGH VOLTAGE] 0CZZW1H004S R 50CZZH CAPACITOR,DRAWING[HIGH VOLTAGE] 0CZZW1H004S R 50FZZA FUSE,DRAWING 3B74133N R 53504A CHAMBER 3300W1G057A R 54350S RING 4B73725A R 54810C BRACKET,CAPACITOR 4810W4C003A R 54810S BRACKET,MOTOR 3B72717A R 54974A AIR TUNNEL 4974W2G040A R 54974S GUIDE,SUCTION 4974W15016A R 54975G GUIDE ASSEMBLY,CHAMBER 4975W1G002C R 55262A DUCT 5262W2A018B 5262W2A018B R 55300S HEATER,SHEATH 5300W2S018A → 5300W2S018F R 55900C FAN 3B72561A R 55900D FAN 3B72559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56208A GLASS WOOL 6208W2A005D R <t< th=""><th>0CZZW1H002K 0CZZW1H003K 3B70856K</th></t<>	0CZZW1H002K 0CZZW1H003K 3B70856K
50CZZH CAPACITOR,DRAWING[HIGH VOLTAGE] 0CZZW1H004S R 50FZZA FUSE,DRAWING 3B74133N R 53504A CHAMBER 3300W1G057A R 54350S RING 4B73725A R 54810C BRACKET,CAPACITOR 4810W4C003A R 54810S BRACKET,MOTOR 3B72717A R 54974A AIR TUNNEL 4974W2G040A R 54974S GUIDE,SUCTION 4974W1S016A R 54975G GUIDE ASSEMBLY,CHAMBER 4975W1G002C R 55262A DUCT 5262W2A018B 5262W2A018B R 55300S HEATER,SHEATH 5300W2S018A → 5300W2S018F R 55900C FAN 3B72561A R 55900C FAN 3B72559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY(CIRC) 6201W2A021B R 56208A GLASS WOOL 6208W2A005D R	0CZZW1H003K 3B70856K
50FZZA FUSE,DRAWING 3B74133N R 53504A CHAMBER 3300W1G057A R 54350S RING 4B73725A R 54810C BRACKET,CAPACITOR 4810W4C003A R 54810S BRACKET,MOTOR 3B72717A R 54974A AIR TUNNEL 4974W2G040A R 54974S GUIDE,SUCTION 4974W1S016A R 54975G GUIDE ASSEMBLY,CHAMBER 4975W1G002C R 55262A DUCT 5262W2A018B 5262W2A018B R 55300S HEATER,SHEATH 5300W2S018A → 5300W2S018F R 55900C FAN 2B72125A R 55900D FAN 3B72559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY(CIRC) 6201W2A021B R 56208A GLASS WOOL 6208W2A005D R 56322A THERMISTOR,NTC 6322W2A001A R 56311A	3B70856K
53504A CHAMBER 3300W1G057A R 54350S RING 4B73725A R 54810C BRACKET,CAPACITOR 4810W4C003A R 54810S BRACKET,MOTOR 3B72717A R 54974A AIR TUNNEL 4974W2G040A R 54974S GUIDE,SUCTION 4974W1S016A R 54975G GUIDE ASSEMBLY,CHAMBER 4975W1G002C R 55262A DUCT 5262W2A018B 5262W2A018B R 55300S HEATER,SHEATH 5300W2S018A → 5300W2S018F R 55900C FAN 2B72125A R 55900C FAN 3B72559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY(CIRC) 6201W2A021B R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R </td <td>6170W1D068D</td>	6170W1D068D
54350S RING 4B73725A R 54810C BRACKET,CAPACITOR 4810W4C003A R 54810S BRACKET,MOTOR 3B72717A R 54974A AIR TUNNEL 4974W2G040A R 54974S GUIDE,SUCTION 4974W1S016A R 54975G GUIDE ASSEMBLY,CHAMBER 4975W1G002C R 55262A DUCT 5262W2A018B 5262W2A018B R 55300S HEATER,SHEATH 5300W2S018A → 5300W2S018F R 55900A FAN 2B72125A R 55900D FAN 3B72561A R 55900N FAN 3B72559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY(CIRC) 6201W2A021B R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R <td></td>	
54810C BRACKET,CAPACITOR 4810W4C003A R 54810S BRACKET,MOTOR 3B72717A R 54974A AIR TUNNEL 4974W2G040A R 54974S GUIDE,SUCTION 4974W1S016A R 54975G GUIDE ASSEMBLY,CHAMBER 4975W1G002C R 55262A DUCT 5262W2A018B 5262W2A018B R 55300S HEATER,SHEATH 5300W2S018A → 5300W2S018F R 55900A FAN 2B72125A R 55900C FAN 3B72561A R 55900N FAN 3B72559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY(CIRC) 6201W2A021B R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2871732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F →	
54810S BRACKET,MOTOR 3B72717A R 54974A AIR TUNNEL 4974W2G040A R 54974S GUIDE,SUCTION 4974W1S016A R 54975G GUIDE ASSEMBLY,CHAMBER 4975W1G002C R 55262A DUCT 5262W2A018B 5262W2A018B R 55300S HEATER,SHEATH 5300W2S018A → 5300W2S018F R 55900A FAN 2B72125A R 55900C FAN 3B72551A R 55900N FAN 3B72559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY(CIRC) 6201W2A021B R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
54974A AIR TUNNEL 4974W2G040A R 54974S GUIDE,SUCTION 4974W1S016A R 54975G GUIDE ASSEMBLY,CHAMBER 4975W1G002C R 55262A DUCT 5262W2A018B 5262W2A018B R 55300S HEATER,SHEATH 5300W2S018A → 5300W2S018F R 55900A FAN 2B72125A R 55900C FAN 3B72561A R 55900N FAN 3B72559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY (CIRC) 6201W2A021B R 56208A GLASS WOOL 6208W2A005D R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
54974A AIR TUNNEL 4974W2G040A R 54974S GUIDE,SUCTION 4974W1S016A R 54975G GUIDE ASSEMBLY,CHAMBER 4975W1G002C R 55262A DUCT 5262W2A018B 5262W2A018B R 55300S HEATER,SHEATH 5300W2S018A → 5300W2S018F R 55900A FAN 2B72125A R 55900C FAN 3B72561A R 55900N FAN 3B72559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY (CIRC) 6201W2A021B R 56208A GLASS WOOL 6208W2A005D R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
54974S GUIDE,SUCTION 4974W1S016A R 54975G GUIDE ASSEMBLY,CHAMBER 4975W1G002C R 55262A DUCT 5262W2A018B 5262W2A018B R 55300S HEATER,SHEATH 5300W2S018A → 5300W2S018F R 55900A FAN 2B72125A R 55900C FAN 3B72561A R 55900N FAN 3872559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY(CIRC) 6201W2A021B R 56208A GLASS WOOL 6208W2A005D R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
54975G GUIDE ASSEMBLY, CHAMBER 4975W1G002C R 55262A DUCT 5262W2A018B 5262W2A018B R 55300S HEATER, SHEATH 5300W2S018A → 5300W2S018F R 55900A FAN 2B72125A R 55900C FAN 3B72561A R 55900N FAN 3B72559A R 56170D TRANSFORMER, HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY (CIRC) 6201W2A021B R 56208A GLASS WOOL 6208W2A005D R 56322A THERMISTOR, NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
55262A DUCT 5262W2A018B 5262W2A018B R 55300S HEATER,SHEATH 5300W2S018A → 5300W2S018F R 55900A FAN 2B72125A R 55900C FAN 3B72561A R 55900N FAN 3B72559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY(CIRC) 6201W2A021B R 56208A GLASS WOOL 6208W2A005D R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
55300S HEATER,SHEATH 5300W2S018A → 5300W2S018F R 55900A FAN 2B72125A R 55900C FAN 3B72561A R 55900N FAN 3B72559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY(CIRC) 6201W2A021B R 56208A GLASS WOOL 6208W2A005D R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
55900A FAN 2B72125A R 55900C FAN 3B72561A R 55900N FAN 3B72559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C 6170W1D068B R 56201A FILTER ASSEMBLY(CIRC) 6201W2A021B R 56208A GLASS WOOL 6208W2A005D R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
55900C FAN 3B72561A R 55900N FAN 3B72559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY(CIRC) 6201W2A021B R 56208A GLASS WOOL 6208W2A005D R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
55900N FAN 3B72559A R 56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY(CIRC) 6201W2A021B R 56208A GLASS WOOL 6208W2A005D R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
56170D TRANSFORMER,HIGH VOLTAGE 6170W1D068C → 6170W1D068B R 56201A FILTER ASSEMBLY(CIRC) 6201W2A021B R 56208A GLASS WOOL 6208W2A005D R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
56201A FILTER ASSEMBLY(CIRC) 6201W2A021B R 56208A GLASS WOOL 6208W2A005D R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
56208A GLASS WOOL 6208W2A005D R 56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	020111110000
56322A THERMISTOR,NTC 6322W2A001A R 56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
56324A MAGNETRON 2B71732F R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R 56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	
56411A POWER CORD ASSEMBLY 6411W2C002F → 6411W2C002J R	6411W2C002A
	6411W2C002F
50549F MOTORICIBOLEAN	
	6549W1F007A
56851D CABLE ASSEMBLY 6021W3B001Q R	6021W3B001M
568771 HARNESS 6877W1A075K → 6877W1A075H R	
568772 HARNESS 6877W3A009A R	004014000000
56912B LAMP,DRAWING 6912W3B002D → 6912W3B002J R	6912W3B002D
56930M THERMOSTAT 6930WRT003B → 6930W1A003K R	
63302A BASE PLATE 3302W1A029A → 3302W1A008B R	
63303A BASE PLATE ASSEMBLY 3303W1A014A → 3303W1A011G R	
647781 LEG 4B75290A R	
948501 CUSHION 3B72244T R	
948502 CUSHION 4B73438W → 4B73438A R	
WMT002 SCREW MACHINE,TRUSS HEAD 1MTC0402432 R	
WNH002 NUT,HEXAGON 1NHA0400018 R	
WNH003 NUT,HEXAGON 1NHA0400032 R	
WSZ002 SCREW TAP TITE(S),BINDING HEAD 1SBF0402418 R	
WSZ062 SCREW,DRAWING 4000W4A003A R	
WSZ085 SCREW,DRAWING 4B70188C R	
WTP004 SCREW TAPPING,PAN HEAD 1TPL0302418 R	
WTP013 SCREW TAPPING,PAN HEAD 1TPL0402418 R	
WTP013 SCREW TAPPING,PAN HEAD 1TPL0402418 R	
WTP015 SCREW TAPPING,PAN HEAD 1TPL0402618 R	
WTT010 SCREW TAPPING,TRUSS HEAD 1TTG0402422 R	
WTT011 SCREW TAPPING,TRUSS HEAD 1TTG0402632 R	
WTT021 SCREW TAPPING,TRUSS HEAD 1TTL0402418 R	
WTT022 SCREW TAPPING,TRUSS HEAD 1TTL0402422 R	
WTT028 SCREW TAPPING,TRUSS HEAD 1TTL0402818 R	
WTT030 SCREW TAPPING,TRUSS HEAD 1TTL0403118 R	
WTT037 SCREW TAPPING,TRUSS HEAD 1TTL0403818 R	
WWP008 WASHER,PLAIN 1WPL0500032 R	
WWS005 WASHER,SPRING LOCK 1WSD0400032 R	

