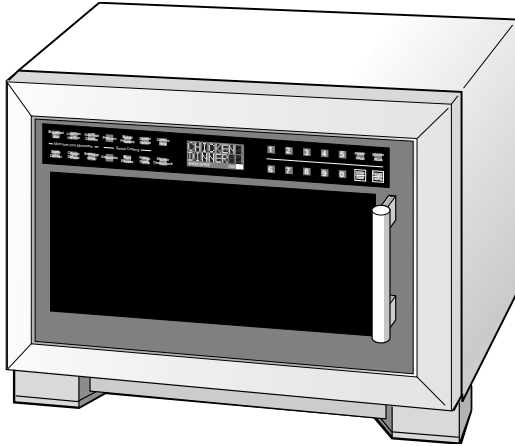


SHARP SERVICE MANUAL

S7118R630DPWA

MICROWAVE OVEN



MODELS **R-630DKA**
 R-630DSA
 R-630DWA

In the interest of user-safety the oven should be restored to its original condition and only parts identical to those specified should be used.

WARNING TO SERVICE PERSONNEL: Microwave ovens contain circuitry capable of producing very high voltage and current, contact with following parts may result in a severe, possibly fatal, electrical shock. (High Voltage Capacitor, High Voltage Power Transformer, Magnetron, High Voltage Rectifier Assembly, High Voltage Harness etc..)

This is a supplemental Service Manual for Models R-630DKA, R-630DSA and R-630DWA. These models are quite similar to base models R-630DK, R-630DS and R-630DW. Use this supplemental manual together with the Base Model Service Manual (Refer No. is S7017R630DPW/) for complete operation, service information, etc..

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SHARP CORPORATION

This document has been published to be used for after sales service only.

The contents are subject to change without notice.

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.

BEFORE SERVICING

Before servicing an operative unit, perform a microwave emission check as per the Microwave Measurement Procedure outlined in this service manual.

If microwave emissions level is in excess of the specified limit, contact SHARP ELECTRONICS CORPORATION immediately @1-800-237-4277.

If the unit operates with the door open, service person should 1) tell the user not to operate the oven and 2) contact SHARP ELECTRONICS CORPORATION and Food and Drug Administration's Center for Devices and Radiological Health immediately.

Service personnel should inform SHARP ELECTRONICS CORPORATION of any certified unit found with emissions in excess of $4\text{mW}/\text{cm}^2$. The owner of the unit should be instructed not to use the unit until the oven has been brought into compliance.

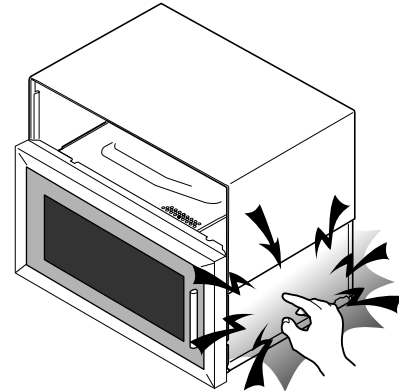
WARNING TO SERVICE PERSONNEL

Microwave ovens contain circuitry capable of producing very high voltage and current, contact with following parts may result in a severe, possibly fatal, electrical shock.

(Example)

High Voltage Capacitor, High Voltage Power Transformer, Magnetron, High Voltage Rectifier Assembly, High Voltage Harness etc..

Read the Service Manual carefully and follow all instructions.



**Don't Touch !
Danger High Voltage**

Before Servicing



1. Disconnect the power supply cord , and then remove outer case.
2. Open the door and block it open.
3. Discharge high voltage capacitor.

WARNING: RISK OF ELECTRIC SHOCK. DISCHARGE THE HIGH-VOLTAGE CAPACITOR BEFORE SERVICING.

The high-voltage capacitor remains charged about 60 seconds after the oven has been switched off. Wait for 60 seconds and then short-circuit the connection of the high-voltage capacitor (that is the connecting lead of the high-voltage rectifier) against the chassis with the use of an insulated screwdriver.

Whenever troubleshooting is performed the power supply must be disconnected. It may, in some cases, be necessary to connect the power supply after the outer case has been removed, in this event,

1. Disconnect the power supply cord, and then remove outer case.
2. Open the door and block it open.
3. Discharge high voltage capacitor.
4. Disconnect the leads to the primary of the power transformer.
5. Ensure that the leads remain isolated from other components and oven chassis by using insulation tape.
6. After that procedure, reconnect the power supply cord.

When the testing is completed,

1. Disconnect the power supply cord, and then remove outer case.
2. Open the door and block it open.
3. Discharge high voltage capacitor.
4. Reconnect the leads to the primary of the power transformer.
5. Reinstall the outer case (cabinet).
6. Reconnect the power supply cord after the outer case is installed.
7. Run the oven and check all functions.

After repairing

1. Reconnect all leads removed from components during testing.
2. Reinstall the outer case (cabinet).
3. Reconnect the power supply cord after the outer case is installed.
4. Run the oven and check all functions.

Microwave ovens should not be run empty. To test for the presence of microwave energy within a cavity, place a cup of cold water on the oven turntable, close the door and set the power to HIGH and set the microwave timer for two (2) minutes. When the two minutes has elapsed (timer at zero) carefully check that the water is now hot. If the water remains cold, carry out **Before Servicing** procedure and re-examine the connections to the component being tested.

When all service work is completed and the oven is fully assembled, the microwave power output should be checked and a microwave leakage test should be carried out.

MICROWAVE MEASUREMENT PROCEDURE

A. Requirements:

- 1) Microwave leakage limit (Power density limit): The power density of microwave radiation emitted by a microwave oven should not exceed 1 mW/cm^2 at any point 5cm or more from the external surface of the oven, measured prior to acquisition by a purchaser, and thereafter (through the useful life of the oven), 5 mW/cm^2 at any point 5cm or more from the external surface of the oven.
- 2) Safety interlock switches: Primary interlock relay and door sensing switch shall prevent microwave radiation emission in excess of the requirement as above mentioned, secondary interlock switch shall prevent microwave radiation emission in excess of 5 mW/cm^2 at any point 5cm or more from the external surface of the oven.

B. Preparation for testing:

Before beginning the actual measurement of leakage, proceed as follows:

- 1) Make sure that the actual instrument is operating normally as specified in its instruction booklet.

Important:

Survey instruments that comply with the requirement for instrumentation as prescribed by the performance standard for microwave ovens, 21 CFR 1030.10(c)(3)(i), must be used for testing.

- 2) Place the oven tray in the oven cavity.
- 3) Place the load of $275\pm 15\text{ ml}$ (9.8 oz) of tap water initially at $20\pm 5^\circ\text{C}$ (68°F) in the center of the oven cavity. The water container shall be a low form of 600 ml (20 oz) beaker with an inside diameter of approx. 8.5 cm (3-1/2 in.) and made of an electrically nonconductive material such as glass or plastic. The placing of this standard load in the oven is important not only to protect the oven, but also to insure that any leakage is measured accurately.
- 4) Set the cooking control on Full Power Cooking Mode.
- 5) Close the door and select a cook cycle of several minutes. If the water begins to boil before the survey is completed, replace it with 275 ml of cool water.

C. Leakage test:

Closed-door leakage test (microwave measurement)

- 1) Grasp the probe of the survey instrument and hold it perpendicular to the gap between the door and the body of the oven.
- 2) Move the probe slowly, not faster than 1 in./sec. (2.5 cm/sec.) along the gap, watching for the maximum indication on the meter.
- 3) Check for leakage at the door screen, sheet metal seams and other accessible positions where the continuity of the metal has been breached (eg., around the switches, indicator, and vents). While testing for leakage around the door pull the door away from the front of the oven as far as is permitted by the closed latch assembly.
- 4) Measure carefully at the point of highest leakage and make sure that the highest leakage is no greater than 4 mW/cm^2 .

NOTE: After servicing, record data on service invoice and microwave leakage report.

SERVICE MANUAL

SHARP

MICROWAVE OVEN

R-630DKA/ R-630DSA/ R-630DWA

FOREWORD

This Manual has been prepared to provide Sharp Electronics Corp. Service Personnel with Operation and Service Information for the SHARP MICROWAVE OVEN, R-630DKA, R-630DSA, R-630DWA.

The models R-630DKA, R-630DSA, R-630DWA are quite similar to base models R-630DK, R-630DS and R-630DW (Refer No. is S7017R630DPW/).

It is recommended that service personnel carefully study the entire text of this manual and the base model's manual so that they will be qualified to render satisfactory customer service.

Check the interlock switches and the door seal carefully. Special attention should be given to avoid electrical shock and microwave radiation hazard.

WARNING

Never operate the oven until the following points are ensured.

- (A) The door is tightly closed.
- (B) The door brackets and hinges are not defective.
- (C) The door packing is not damaged.
- (D) The door is not deformed or warped.
- (E) There is no other visible damage with the oven.

Servicing and repair work must be carried out only by trained service personnel.

DANGER

Certain initial parts are intentionally not grounded and present a risk of electrical shock only during servicing. Service personnel - Do not contact the following parts while the appliance is energized; High Voltage Capacitor, Power Transformer, Magnetron, High Voltage Rectifier Assembly, High Voltage Harness; If provided, Vent Hood, Fan assembly, Cooling Fan Motor.

All the parts marked “*” on parts list are used at voltages more than 250V.

Removal of the outer wrap gives access to voltage above 250V.

All the parts marked “Δ” on parts list may cause undue microwave exposure, by themselves, or when they are damaged, loosened or removed.

SHARP ELECTRONICS CORPORATION

SHARP PLAZA, MAHWAH,
NEW JERSEY 07430-2135

SPECIFICATION

ITEM	DESCRIPTION
Power Requirements	120 Volts / 14 Amperes 60 Hertz Single phase, 3 wire grounded
Power Output	1100 watts (IEC TEST PROCEDURE) Operating frequency of 2450MHz
Case Dimensions	Width 19-1/2" Height 14" Depth 20-5/8"
Cooking Cavity Dimensions 1.4 Cubic Feet	Width 17-3/4" Height 8-1/4" Depth 17"
Control Complement	Touch Control System Clock (1:00 - 12:59) Timer (0 - 99 min. 99 seconds) Microwave Power for Variable Cooking Repetition Rate; P-HI Full power throughout the cooking time P-90 approx. 90% of Full Power P-80 approx. 80% of Full Power P-70 approx. 70% of Full Power P-60 approx. 60% of Full Power P-50 approx. 50% of Full Power P-40 approx. 40% of Full Power P-30 approx. 30% of Full Power P-20 approx. 20% of Full Power P-10 approx. 10% of Full Power P-0 No power throughout the cooking time Breakfast Bar pad, Lunch on the Run pad, One Dish Dinners pad Super Defrost pad, Compu Defrost pad, Beverage Center pad Sensor Cooking pads, Custom Help pad, Kitchen Timer/Clock pad Number selection pads, Power Level pad, Minute Plus pad STOP/Clear pad, START/Touch On pad
Oven Cavity Light	Yes
Safety Standard	UL Listed FCC Authorized DHHS Rules, CFR, Title 21, Chapter 1, Subchapter J

SCHEMATIC

NOTE: CONDITION OF OVEN
1. DOOR CLOSED
2. CLOCK APPEARS ON DISPLAY

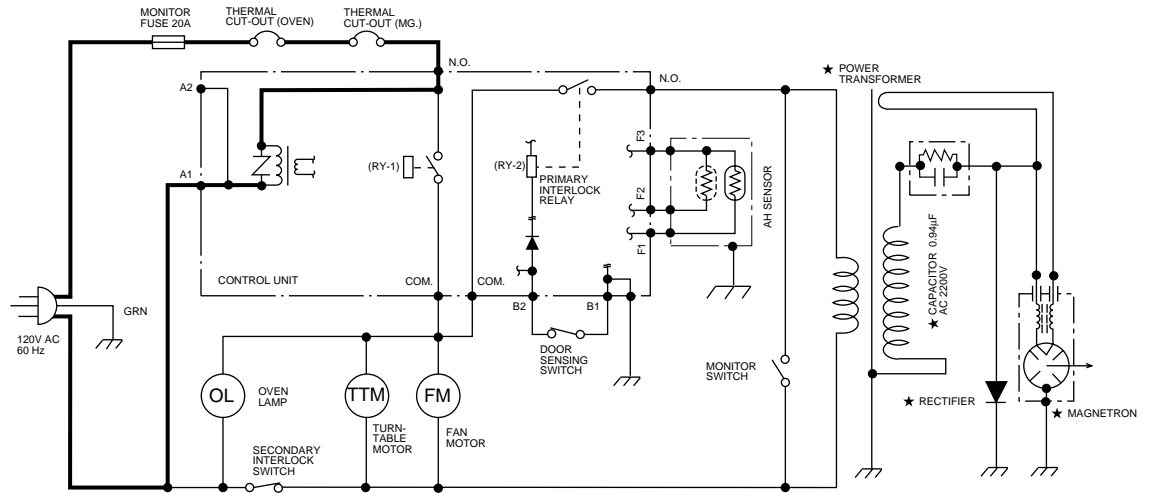


Figure O-1. Oven Schematic-Off Condition

TEST PROCEDURES

PROCEDURE LETTER	COMPONENT TEST
B	<u>POWER TRANSFORMER TEST</u>
	<ol style="list-style-type: none"> 1. Disconnect the power supply cord, and then remove outer case. 2. Open the door and block it open. 3. Discharge the high voltage capacitor. 4. Disconnect the primary input terminals and measure the resistance of the transformer with an ohmmeter. Check for continuity of the coils with an ohmmeter. On the R x 1 scale, the resistance of the primary coil should be less than 1 ohm and the resistance of the high voltage coil should be approximately 77 ohms; the resistance of the filament coil should be less than 1 ohm. 5. Reconnect all leads removed from components during testing. 6. Reinstall the outer case (cabinet). 7. Reconnect the power supply cord after the outer case is installed. 8. Run the oven and check all functions. <p>(HIGH VOLTAGES ARE PRESENT AT THE HIGH VOLTAGE TERMINAL, SO DO NOT ATTEMPT TO MEASURE THE FILAMENT AND HIGH VOLTAGE.)</p>

COMPONENT REPLACEMENT AND ADJUSTMENT PROCEDURE

DOOR REPLACEMENT

REMOVAL

1. Disconnect the power supply cord and then remove the outer case.
2. Open the door slightly.
3. To discharge high voltage capacitor, wait for 60 seconds.
4. Disconnect the 12-pin wire harness from the power unit on the base plate.
5. Insert a putty knife (thickness of about 0.5mm) into the gap between the choke cover and door frame as shown in Figure C-6 to free engaging parts.
6. Pry the choke cover by inserting a putty knife as shown Figure C-6.
7. Release choke cover from door panel.
8. Now choke cover is free.

NOTE: When carrying out any repair to the door, do not bend or warp the slit choke (tabs on the door panel assembly) to prevent microwave leakage.

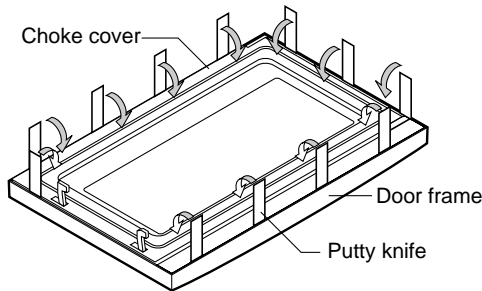


Figure C-6. Door Disassembly

9. Release two (2) pins of door panel from two (2) holes of upper and lower oven hinges by lifting up.
10. With pulling out the 12-pin wire harness from the hole of the oven cavity front plate and the front leg, remove the door from the oven cavity.
11. Now, the door is free from the oven cavity.

REINSTALLATION

1. Insert the 12-pin wire harness to the holes of the front leg and the oven cavity front plate.
2. Catch two (2) pins of door panel on two (2) hole of upper and lower oven hinges.
3. Re-install choke cover to door panel by pushing.
4. Connect the 12-pin wire harness to the power unit on the base plate.
5. Now the door is installed.

Note: After any service to the door;

(A) Make sure that door sensing switch and secondary interlock switch are operating properly. (Refer to chapter "Test Procedures").

(B) An approved microwave survey meter should be used to assure compliance with proper microwave radiation emission limitation standards.

After any service, make sure of the following :

1. Door latch heads smoothly catch latch hook through latch holes and that latch head goes through center of latch hole.
2. Deviation of door alignment from horizontal line of cavity face plate is to be less than 1.0mm.

3. Door is positioned with its face pressed toward cavity face plate.
4. Check for microwave leakage around door with an approved microwave survey meter. (Refer to Microwave Measurement Procedure.)

Note: The door on a microwave oven is designed to act as an electronic seal preventing the leakage of microwave energy from oven cavity during cook cycle. This function does not require that door be air-tight, moisture (condensation)-tight or light-tight. Therefore, occasional appearance of moisture, light or sensing of gentle warm air movement around oven door is not abnormal and do not of themselves indicate a leakage of microwave energy from oven cavity.

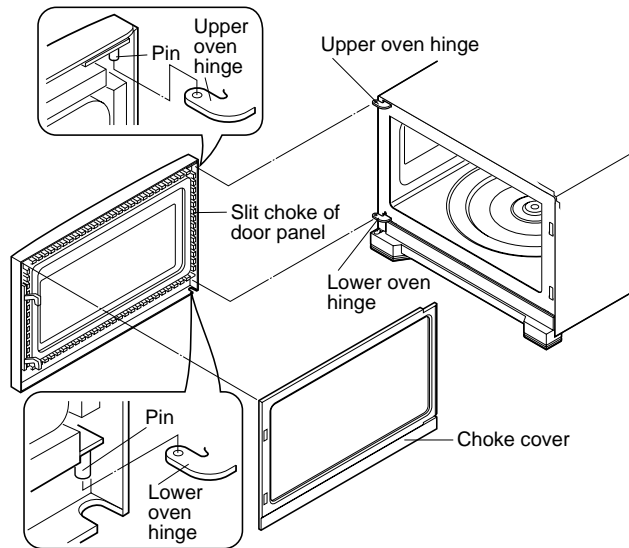


Figure C-7. Door Replacement

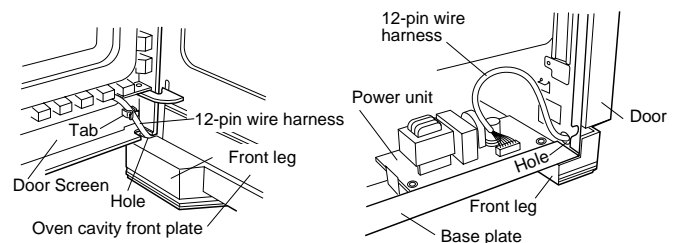


Figure C-8. Routing of 12-pin wire harness

SEALER FILM

Installation

1. Put the adhesive tape on the backing film of the sealer film as shown in Fig. C-9.
2. Tear the backing film by pulling the adhesive tape.
3. Put the pasted side of the sealer film on the door panel.

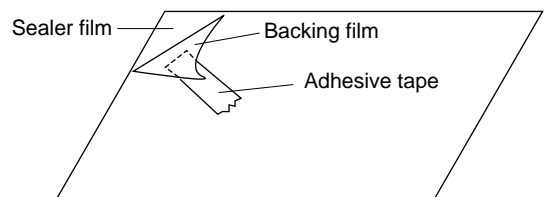


Figure C-9. Sealer film

INDIVIDUAL DOOR PARTS REMOVAL

DOOR PANEL

1. Disconnect the power supply cord.
2. Remove the door from the oven. Refer to "DOOR REPLACEMENT".
3. To discharge the high voltage capacitor, wait for 60 seconds.
4. The choke cover should have been removed.
5. Remove the five (5) screws holding the door panel to the door frame.
6. Remove the two (2) screws holding the handle mounting angle to the door panel.
7. Now, door panel is free.

HANDLE

8. Remove the two (2) screws holding the handle mounting angle to the handle through the door frame.
9. Now, the handle is free.

LATCH HEAD AND LATCH SPRING

8. Slide the latch head and remove it from the door frame with releasing the latch spring from the door frame and the latch head.
9. Now, the latch head and the latch spring are free.

CPU UNIT

8. Remove the two (2) screws holding the PWB cover to the door frame.
9. Releasing the two (2) tabs, remove the PWB cover from the door frame.
10. Disconnect the 12-pin wire harness from the CPU unit.
11. Disconnect the ribbon cable of the key unit from the CPU unit.
12. Remove the two (2) screws holding the LCD holder to the door frame.
13. Remove the LCD holder from the door frame. Release the four (4) tabs.
14. Release the LCD of the CPU unit from the LCD holder.
15. Remove the two (2) screws holding the CPU unit to the LCD holder.
16. Remove the CPU unit from the LCD holder. Release the four (4) tabs.
17. Now the CPU unit is free.

DOOR FRAME ASSEMBLY

18. Remove the handle from the door frame assembly. Refer to the chapter of HANDLE.
19. Now, the door frame assembly is free.

NOTE: For 12-pin wire harness

1. When the PWB cover is reinstalled, route the 12-pin wire harness under the hole of the PWB cover.
2. Before the door panel is reinstalled to the door frame assembly, make sure that the 12-pin wire harness is

held by the four (4) tabs and the three (3) holes on the door frame as shown in Figure C-10.

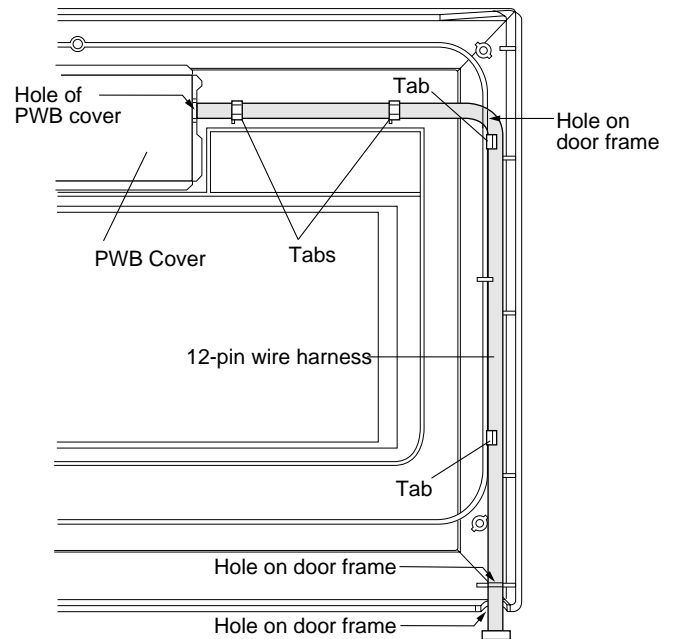


Figure C-10. Routing of 12-pin wire harness

NOTE: For key unit

1. Before attaching a new key unit, wipe off remaining adhesive on the door frame surfaces completely with a soft cloth soaked in alcohol.
2. When attaching the key unit to the door frame, adjust the upper edge and left edge of the key unit to the correct position of door frame.
3. Stick the key unit firmly to the door frame by rubbing with a soft cloth so not to scratch.

NOTE: For CPU unit

Handle the CPU unit carefully so that the ribbon cable does not come off. Because the ribbon cable is glued onto the LCD and the printed wiring board only by heated paste.

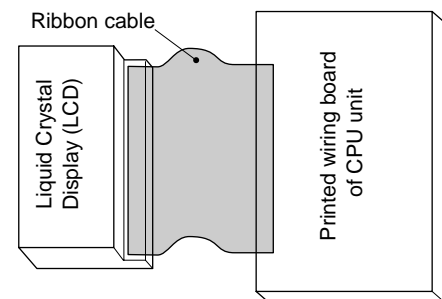


Figure C-11. CPU unit

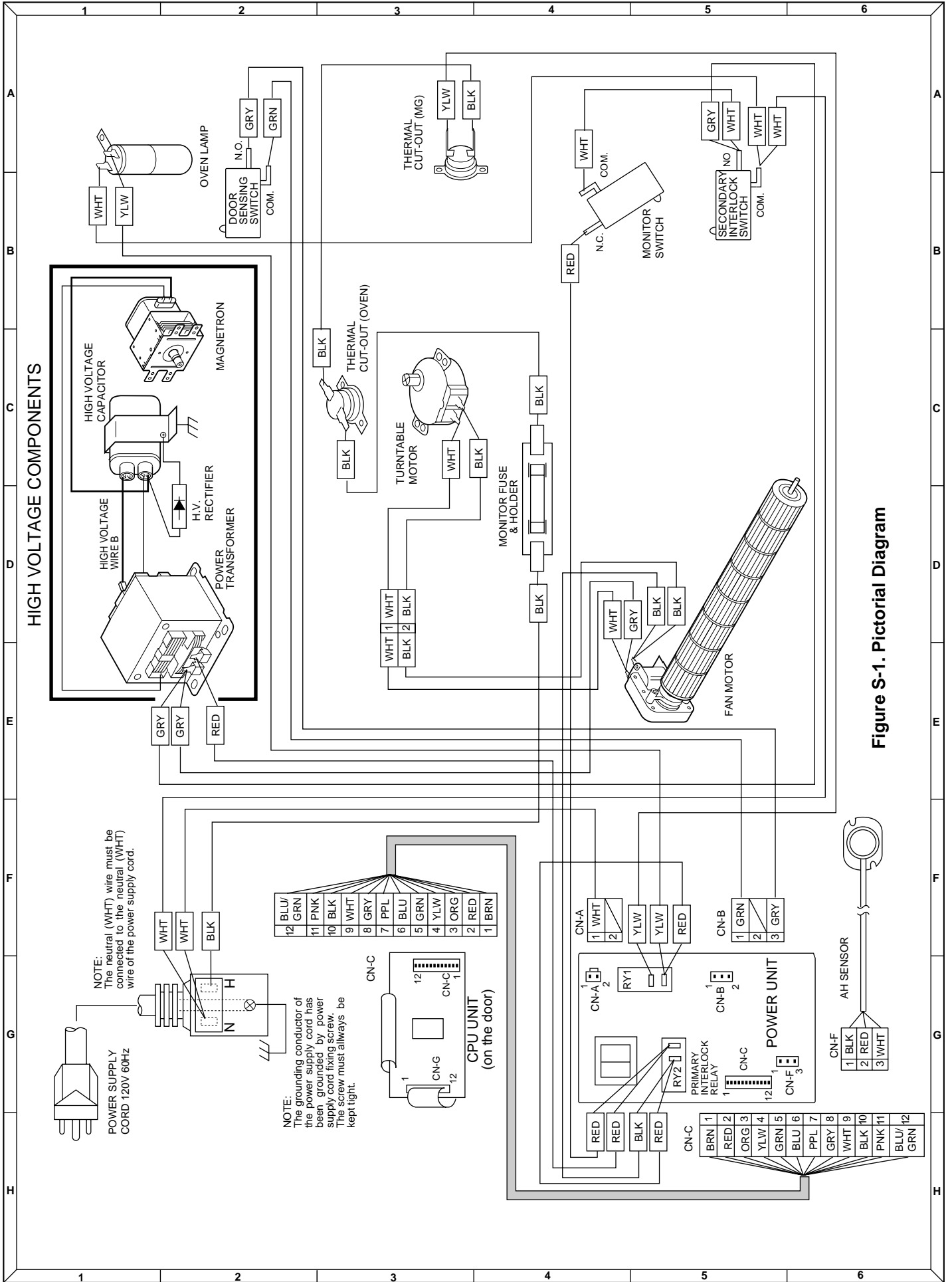


Figure S-1. Pictorial Diagram

PARTS LIST

Note: The parts marked "Δ" may cause undue microwave exposure.
The parts marked "*" are used in voltage more than 250V.

REF. NO.	PART NO.	DESCRIPTION	Q'TY	CODE
ELECTRIC PARTS				
1- 1	FACCDAA085WREZ	Power supply cord	1	AQ
1- 1	FACCDAA083WRE0	Power supply cord (Interchangeable)	1	AQ
1- 2	QFSHDA009WRE0	Fuse holder	1	AH
1- 3	QSW-MA137WRE0	2nd interlock switch / door sensing switch	2	AH
1- 3	QSW-MA085WRE0	2nd interlock switch / door sensing switch(Interchangeable)	2	AF
1- 4	FFS-BA023WRK0	Monitor fuse 20A and monitor switch (AM51620C53Y1) assembly	1	AS
1- 5	RTHM-A116WRE0	Thermal cut-out 125 deg. C (MG)	1	AK
1- 5	RTHM-A078WRE0	Thermal cut-out 125 deg. C (MG) (Interchangeable)	1	AK
* 1- 6	FH-DZA101WRKZ	High voltage rectifier assembly	1	AT
* 1- 6	FH-DZA097WRKZ	High voltage rectifier assembly (Interchangeable)	1	AP
* 1- 7	RC-QZA286WRZZ	High voltage capacitor	1	AV
* 1- 7	RC-QZA268WRZZ	High voltage capacitor (Interchangeable)	1	AS
* 1- 7	RC-QZA211WRE0	High voltage capacitor (Interchangeable)	1	AV
1- 8	RMOTEA401WRZZ	Fan motor	1	AX
1- 8	RMOTEA395WRZZ	Fan motor (Interchangeable)	1	AW
* 1- 9	RTRN-A636WRZZ	Power transformer	1	BL
* 1- 9	RTRN-A609WRZZ	Power transformer (Interchangeable)	1	BK
1-10	FDTCTA209WRKZ	AH sensor	1	AU
1-11	RLMPTA082WRZZ	Oven lamp	1	AL
1-12	RMOTDA186WRE0	Turntable motor	1	AW
1-12	RMOTDA229WRE0	Turntable motor (Interchangeable)	1	AQ
1-12	RMOTDA211WRE0	Turntable motor (Interchangeable)	1	AS
1-13	RTHM-A123WRZZ	Thermal cut-out 125 deg. C (OVEN)	1	AK
1-13	RTHM-A096WRE0	Thermal cut-out 125 deg. C (OVEN) (Interchangeable)	1	AK
Δ* 1-14	RV-MZA310WRZZ	Magnetron	1	BG

CABINET PARTS

2- 1	FDAI-A215WRYZ	Base plate	1	AY
2- 2	GLEGPA074WRE0	Foot	1	AC
2- 3	GLEGPA081WRFZ	Leg	1	AC
2- 4	GCABUA773WRPZ	Outer case cabinet [R-630DKA]	1	BD
2- 4	GCABUA775WRPZ	Outer case cabinet [R-630DWA]	1	BD
2- 4	GCABUA777WRPZ	Outer case cabinet [R-630DSA]	1	BD
2- 5	GLEGPA080WRFZ	Front leg [R-630DKA]	1	AL
2- 5	GLEGPA082WRFZ	Front leg [R-630DWA]	1	AL
2- 5	GLEGPA080WRFZ	Front leg [R-630DSA]	1	AL
2- 6	PPACGA180WREZ	Cushion	1	AC

POWER UNIT PARTS

3- 1	DPWBFC096WRUZ	Power unit	1	BB
3- 1A	QCNCMA446DRE0	2-pin connector (CN-A)	1	AC
3- 1B	QCNCMA431DRE0	2-pin connector (CN-B)	1	AC
3- 1C	QCNCMA463DRZZ	12-pin connector (CN-C)	1	AE
3- 1D	QCNCMA237DRE0	3-pin connector (CN-F)	1	AD
C1	VCEAB31VW108M	Capacitor 1000 uF 35V	1	AF
C2	RC-KZA087DRE0	Capacitor 0.1 uF 50V	1	AA
C3	VCEAB31VW106M	Capacitor 10 uF 35V	1	AA
C50-51	RC-KZA087DRE0	Capacitor 0.1 uF 50V	2	AA
D1	RSRCDA013DRE0	Diode (S1NB10)	1	AG
IC2	VHIBA4558//-6	IC (BA4558)	1	AK
Q1	VS2SB1238//-3	Transistor (2SB1238)	1	AA
R1	VRD-B12EF242J	Resistor 2.4k ohm 1/4W	1	AA
R2	VRD-B12HF681J	Resistor 680 ohm 1/2W	1	AA
R50	VRS-B13AA331J	Resistor 330 ohm 1W	1	AA
R51	RR-DZA285DRZZ	Resistor 3.32k ohm ±0.5% 1/4W	1	AC
R52	RR-DZA286DRZZ	Resistor 3.57k ohm ±0.5% 1/4W	1	AC
R53	VRN-B12EK182F	Resistor 1.8k ohm ±1.0% 1/4W	1	AA
R54	VRN-B12EK364F	Resistor 360k ohm ±1.0% 1/4W	1	AA
RY1	RRLY-A076DRE0	Relay (OMIF-S-124LM)	1	AK
RY2	RRLY-A113DRE0	Relay (DU24D1-P(M)-R)	1	AM
SP1	RALM-A014DRE0	Buzzer (PKM22EPT)	1	AG
T1	RTRNPA111DRE0	Transformer	1	AP
VRS1	RH-VZA032DRE0	Varistor (10G471K)	1	AE
ZD1	VHEHZ161///-1	Zener diode (HZ16-1)	1	AA

OVEN PARTS

Δ 4- 1	PHOK-A118WRFZ	Latch hook	1	AH
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REF. NO.	PART NO.	DESCRIPTION	Q'TY	CODE
4- 2	LBNDKA099WRW0	Capacitor holder	1	AD
4- 3	LFLG-A028WREZ	Bearing	1	AL
4- 4	FANGKA211WRWZ	Fan case assembly	1	AP
4- 5	LANGRA055WRWZ	Fan motor mounting angle	1	AE
4- 6	LANGRA056WRWZ	Bearing holder	1	AF
4- 7	NFANJA046WREZ	Closs flow fan	1	AG
4- 8	LANG-A069WRPZ	Magnetron air guide A	1	AL
4- 9	LANG-A080WRWZ	Magnetron air guide B	1	AC
4-10	PPACGA084WRF0	TTM packing	1	AE
4-11	LANG-A081WRWZ	Separate angle B	1	AD
△ 4-12	*****	Oven cavity (Not a replaceable part)	1	--
4-13	GCOVHA419WRFZ	Choke cover	1	AK
4-14	LANGQA536WRWZ	Lamp angle	1	AS
4-15	LANG-A077WRPZ	Magnetron thermal cut-out angle	1	AC
4-16	PCOVPA361WREZ	Waveguide cover	1	AD
4-17	PCUSGA057WRP0	Cushion	2	AA
4-18	PCUSUA557WRPZ	Cushion	1	AC
4-19	PCUSUA556WRPZ	Cushion	1	AC
4-20	PCUSUA126WRE0	Cushion	1	AC
4-21	PPACGA177WREZ	Cushion	1	AC
4-22	PCUSGA505WRP0	Cushion	1	AB
4-23	PCUSUA376WRP0	Cushion	1	AF
4-24	PCUSUA409WRP0	Cushion	1	AD
4-25	PCUSUA558WRPZ	Cushion	1	AC
4-26	PDUC-A761WRTZ	Exhaust duct	1	AL
4-27	LANGFA200WRPZ	Support angle	1	AD
4-28	PCUSUA375WRP0	Cushion	1	AH
4-29	PCUSUA562WRPZ	Cushion	1	AB
4-30	PCUSUA568WRPZ	Cushion	1	AE

DOOR PARTS

△ 5- 1	FDORFA343WRTZ	Door panel	1	AS
5- 2	PSHEPA735WREZ	Sealer film	1	AG
5-3-1	FUNTKB084WREZ	Key unit [R-630DKA]	1	AT
5-3-1	FUNTKB085WREZ	Key unit [R-630DWA]	1	AT
5-3-1	FUNTKB084WREZ	Key unit [R-630DSA]	1	AT
△ 5-3-2	HPNL-A768WRRZ	Door screen [R-630DKA]	1	AZ
△ 5-3-2	HPNL-A770WRRZ	Door screen [R-630DWA]	1	AZ
△ 5-3-2	HPNL-A768WRRZ	Door screen [R-630DSA]	1	AZ
△ 5- 3	FWAKPA346WRKZ	Door frame assembly [R-630DKA]	1	BF
△ 5- 3	FWAKPA348WRKZ	Door frame assembly [R-630DWA]	1	BF
△ 5- 3	FWAKPA344WRKZ	Door frame assembly [R-630DSA]	1	BF
5- 4	JHNDPA203WRTZ	Handle [R-630DKA]	1	AP
5- 4	JHNDPA203WRTZ	Handle [R-630DWA]	1	AP
5- 4	JHNDPA205WRTZ	Handle [R-630DSA]	1	AQ
5- 5	LANGKA975WRPZ	Handle mounting angle	1	AP
△ 5- 6	LSTPPA193WRFZ	Latch head	1	AE
5- 7	MSPRTA187WRE0	Latch spring	1	AC
5- 8	LHLD-A226WRFZ	LCD holder	1	AD
5- 9	PSHEPA672WRE0	LED sheet	1	AK
5-10	FW-VZA268DREZ	12-pin wire harness	1	AQ
5-11	DPWBFC097WRKZ	CPU unit	1	BH
5-12	PCOVPA367WRWZ	PWB cover	1	AD
5-13	PCUSUA569WRPZ	Cushion	1	AE
5-14	XCPSD40P06000	Screw : 4mm x 6mm	2	AA
5-15	XEPSD40P16000	Screw : 4mm x 16mm	2	AA
5-16	XEPSD30P08XS0	Screw : 3mm x 8mm	4	AA
5-17	XEPSD40P08000	Screw : 4mm x 8mm	5	AA
5-18	LX-EZA059WREZ	Special screw	2	AD

MISCELLANEOUS

* 6- 1	FROLPA097WRKZ	Turntable support	1	AN
6- 2	NTNT-A099WRE0	Turntable tray	1	AX
6- 3	FW-VZB830WREZ	Main wire harness	1	AX
6- 4	QW-QZA242WRZZ	High voltage wire B	1	AF
6- 5	TCADCA724WRRZ	Recipe sheet	1	AD
6- 6	TCAUAA156WRR0	User caution label	1	AF
6- 7	TCAUAA201WRR0	DHHS caution label	1	AE
6- 8	TCAUAA254WRR0	Monitor caution label	1	AC
6- 9	TCAUAA255WRR0	Screw caution	1	AC
6-10	TINSEA912WRRZ	Instruction book	1	AE
6-11	FW-VZB801WREZ	Switch harness	1	AF
6-12	FW-VZB802WREZ	T.T. motor harness	1	AF
6-13	TLABMA646WRRZ	Menu label	1	AC

REF. NO.	PART NO.	DESCRIPTION	Q'TY	CODE
SCREWS,NUTS AND WASHERS				
7- 1	XHPSD40P08K00	Screw : 4mm x 8mm	4	AA
7- 2	XBPSD40P08K00	Screw : 4mm x 8mm	2	AA
7- 3	XOTSD40P08000	Screw : 4mm x 8mm	12	AA
7- 4	XHTSD40P06000	Screw : 4mm x 6mm	2	AA
7- 5	LX-CZA073WRE0	Special screw	2	AC
7- 6	XHPSD30P08XS0	Screw : 3mm x 8mm	2	AB
7- 7	XHTSD40P08RV0	Screw : 4mm x 8mm	5	AA
7- 8	LX-CZA070WRE0	Special screw (Torx tamper proof screw)	2	AC
7- 9	LX-CZ0052WRE0	Special screw	2	AA
7-10	XHPSD30P06000	Screw : 3mm x 6mm	1	AA
7-11	XHTSD40P08000	Screw : 4mm x 8mm	13	AA
7-12	XHTSD40P12RV0	Screw : 4mm x 12mm	1	AA
7-13	XOTSD40P12RV0	Screw : 4mm x 12mm	3	AA
7-14	XOTSF40P08000	Screw : 4mm x 8mm [R-630DKA]	2	AA
7-14	XOTSE40P08000	Screw : 4mm x 8mm [R-630DWA]	2	AA
7-14	XOTSE40P08000	Screw : 4mm x 8mm [R-630DSA]	2	AA
7-15	XOTSD40P12000	Screw : 4mm x 12mm	2	AA
7-16	XOTSD40P10000	Screw : 4mm x 10mm	1	AA
7-17	LX-EZA060WREZ	Special screw	4	AA
7-18	XHBWW30P08000	Screw : 3mm x 8mm	2	AB
7-19	XCPSD40P08000	Screw : 4mm x 8mm	1	AA

HOW TO ORDER REPLACEMENT PARTS

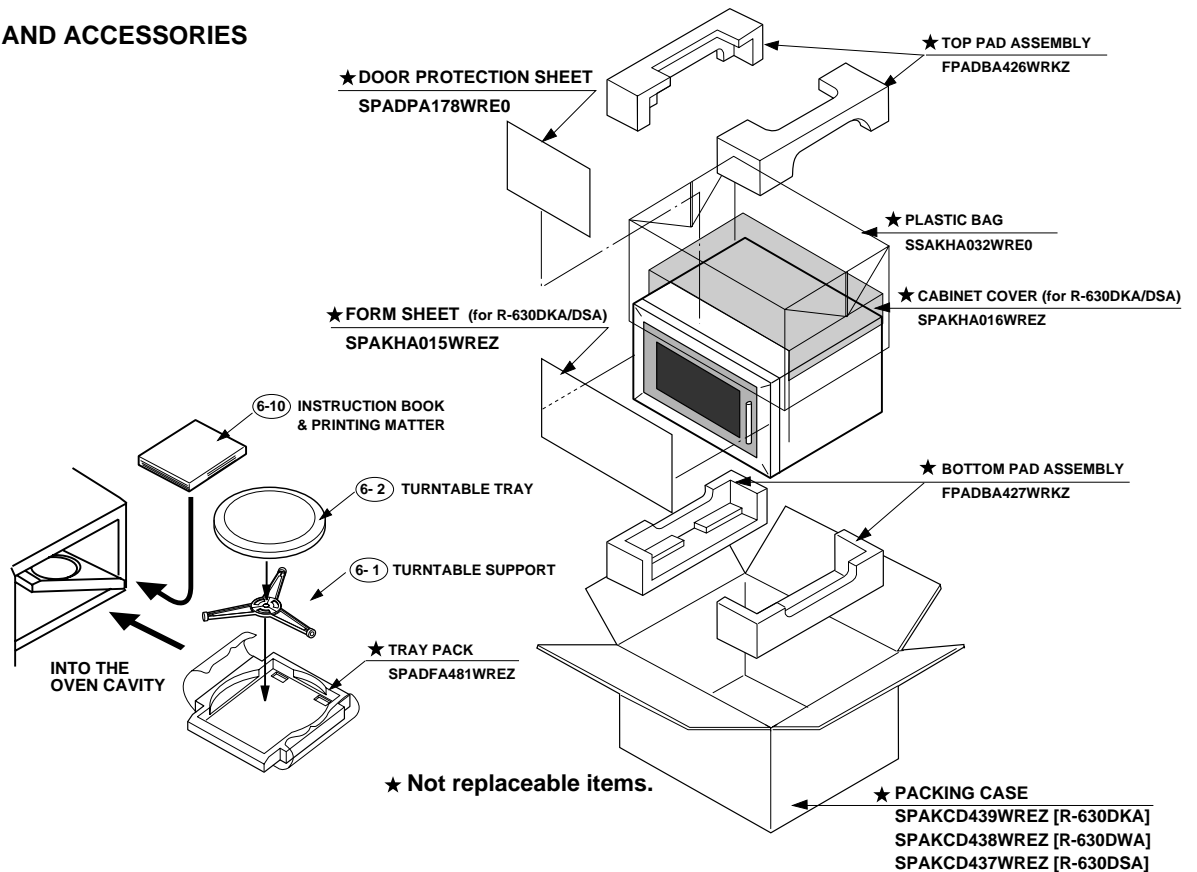
To have your order filled promptly and correctly, please furnish the following information.

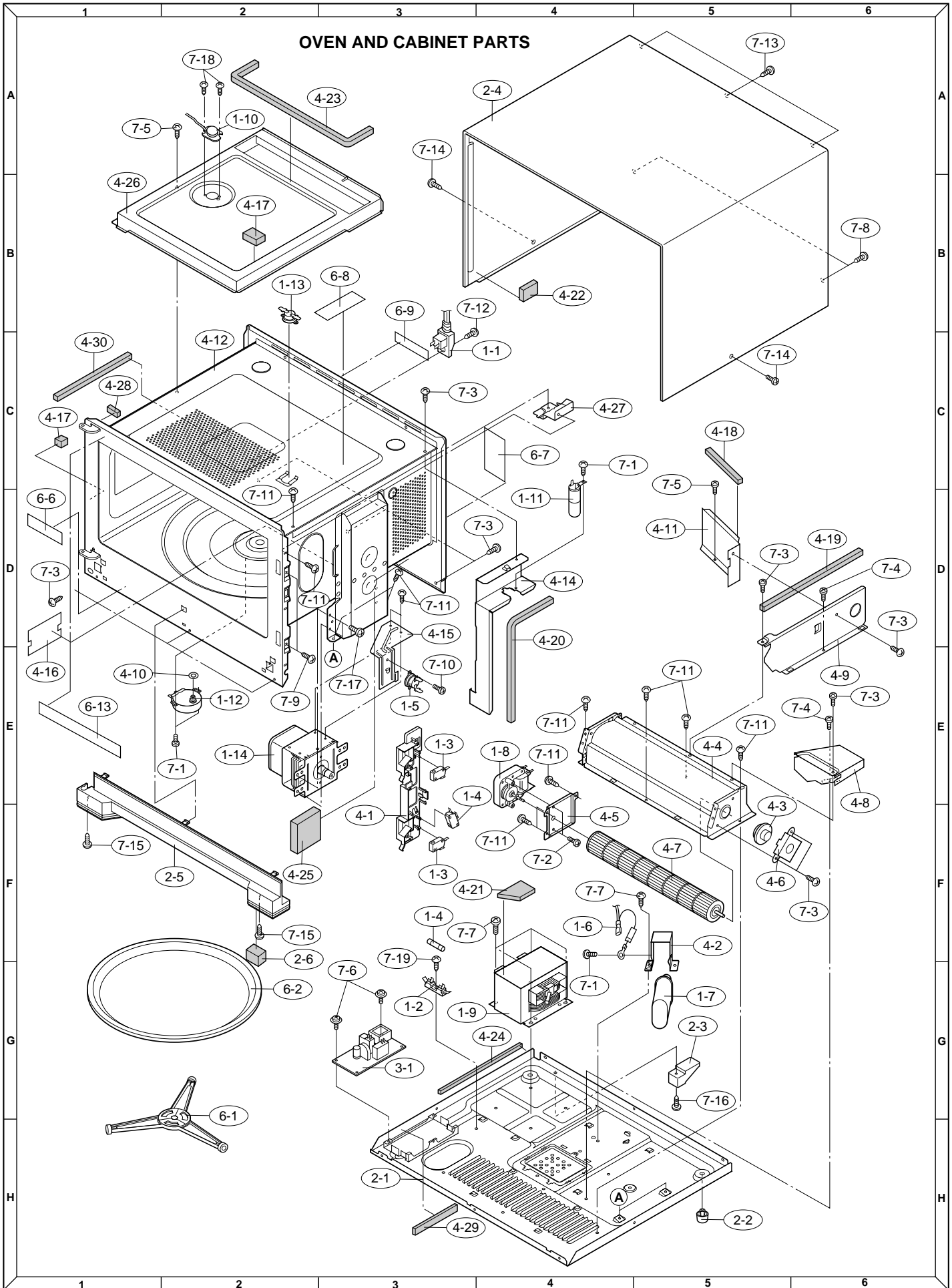
1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

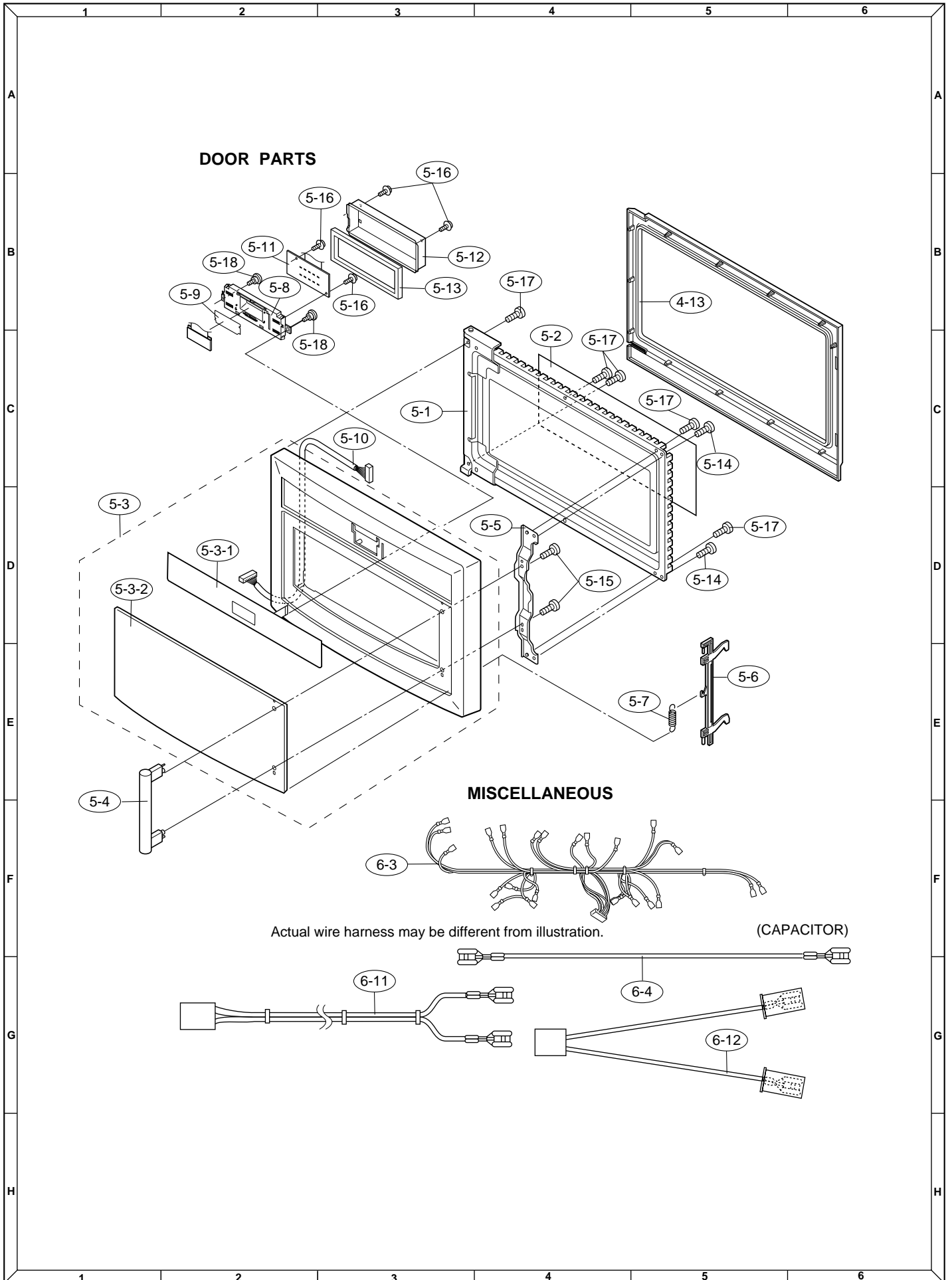
Order Parts from the authorized SHARP parts Distributor for your area.

Defective parts requiring return should be returned as indicated in the Service Policy.

PACKING AND ACCESSORIES







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