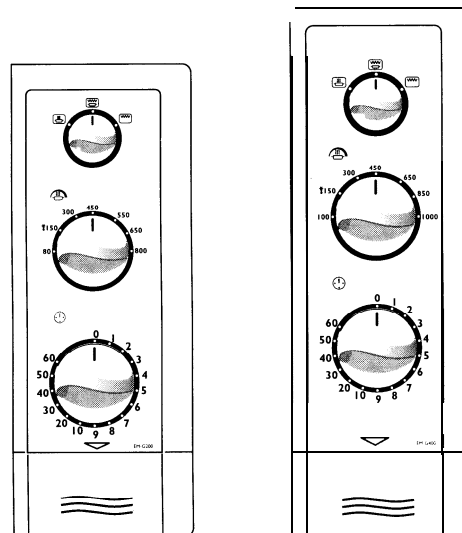
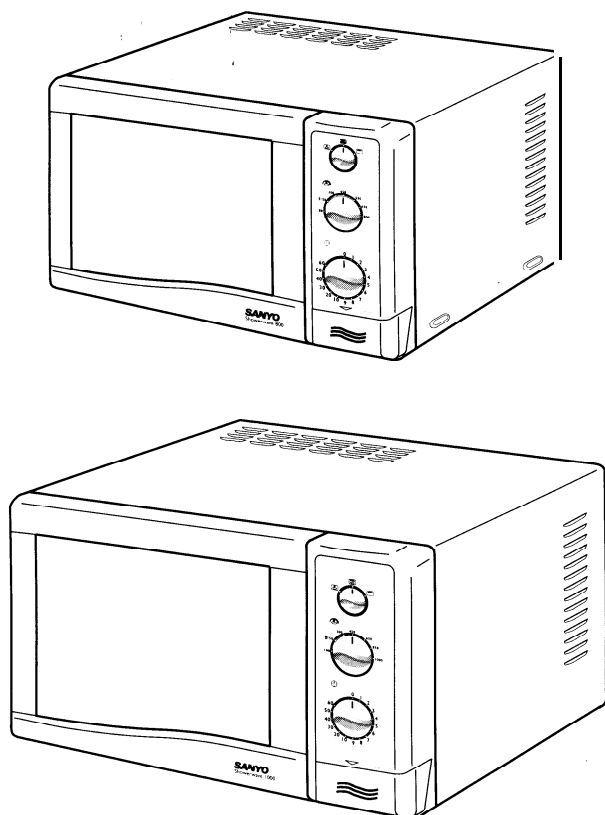


SERVICE MANUAL

**MICROWAVE OVEN
 WITH GRILL**

EM-G200(UK) EM-G400(UK)
EM-G200(Spain) EM-G400(Spain)
EM-G200(Portugal)EM-G400(Portugal)



Product Code No.

EM-G200(UK)	43734501
EM-G200(Spain)	43734503
EM-G200(Portugal)	43734504
EM-G400(UK)	43735401
EM-G400(Spain)	43735404
EM-G400(Portugal)	43735406

FOREWORD

Read this manual carefully, especially precaution o microwave energy, and follow the procedure stritly. Careless servicing and testing may expose y,ourself to the microwave energy leakage.

PRECAUTIONS

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

- Do not operate or allow the oven to be operated with the door open.
- Make the following safety checks on all ovens to be serviced before activating the magnetron or other microwave source, and make repairs if necessary:
 - 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.
- 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.
- 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.

TABLE OF CONTENTS

Adjustment Procedures	1	Circuit Diagram	3-4
Specifications	2	Test Procedures and Troubleshooting	5-8
Power Output Measurement	2	Disassembly Instructions	9-10
Precautions and Repair Service Tips	2	Exploded View and Parts list	11-15

CAUTION

MICROWAVE ENERGY

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 CONNECTED. ALL INPUT AND OUTPUT MICROWAVE CONNECTIONS, WAVE GUIDES, FLANGES, AND GASKETS MUST BE SECURE. NEVER OPERATE THE DEVICE WITHOUT A MICROWAVE ENERGY ABSORBING LOAD ATTACHED. NEVER LOOK INTO AN OPEN WAVE GUIDE OR ANTENNA WHILE THE DEVICE IS ENERGISED

1. ADJUSTMENT PROCEDURES

TO AVOID POSSIBLE EXPOSURE TO MICRO-WAVE ENERGY LEAKAGE, THE FOLLOWING ADJUSTMENT OF THE INTERLOCK SWITCHES SHOULD BE MADE ONLY BY AUTHORISED SERVICE PERSONNEL

PRIMARY INTERLOCK SWITCH, DOOR SENSING SWITCH AND INTERLOCK MONITOR SWITCH ADJUSTMENT

(Figure 1)

- (1) Loosen 2 screws securing the lever stopper.
- (2) Adjust the lever stopper position so that it is pushed up and pull forward until there is about zero gap.
 - 2-1. Between the lever and the switch body on the door sensing switch.
 - 2-2. Between the lever and the switch body on the interlock monitor switch.
 - 2-3. Between the latch lever and the switch body on the primary interlock switch.
 when the door latch is securely locked.
- (3) Tighten the lever stopper screws securely.
- (4) Make sure the interlock monitor is closed after the primary interlock switch opens when the door is opened very slowly, according to "CHECKOUT PROCEDURE FOR SWITCHES" on page 7.
- (5) Make sure the interlock monitor is open before the primary interlock and secondary interlock switches close when the door is closed very slowly, according to "CHECKOUT PROCEDURE FOR SWITCHES" on page 7.
- (6) Make sure the microwave energy leakage is below the limit of the regulation ($5\text{mW}/\text{cm}^2$) when measured with a detector. (All Service adjustments must be made for minimum energy leakage readings.)

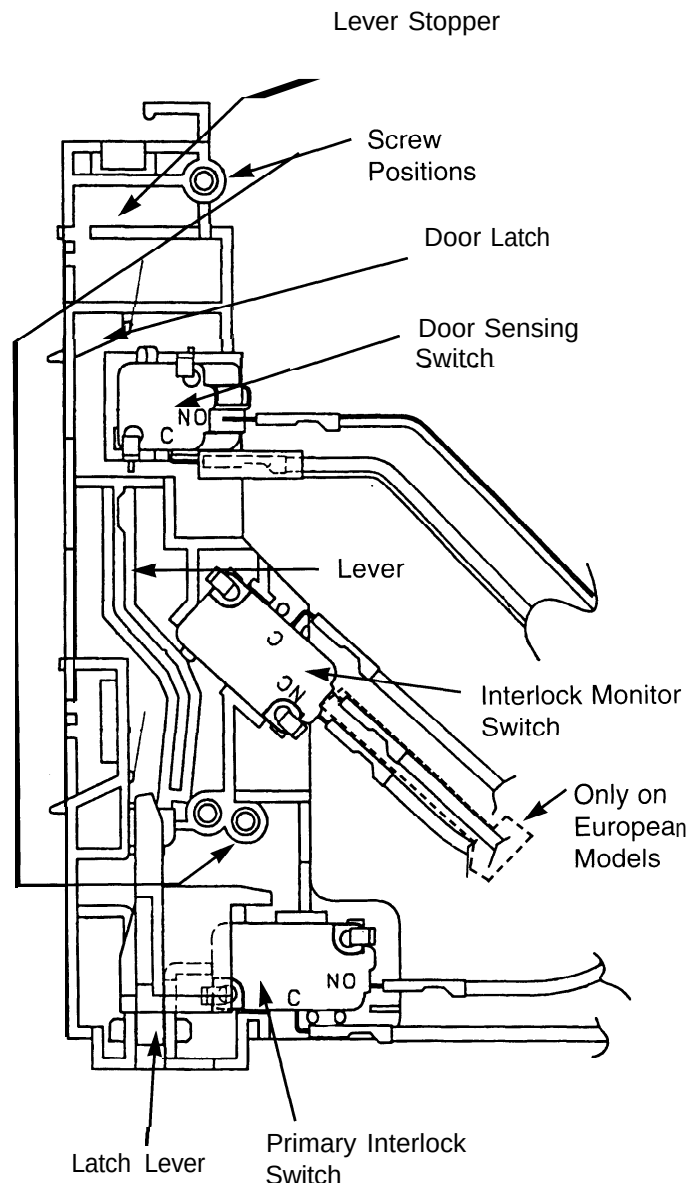


Figure 1

2. SPECIFICATIONS - EM-G200

Rated Power Consumption.....	Micro1250W Grill1000W Dual 2250W
Microwave Output	800W(Adjustable 80W through 800W)
Frequency	2,450MHz $\pm$ 50MHz
Power Supply.....	230V,50Hz
Rated Current.....	Micro 5.6 $\pm$ 15% Amps Grill 4.4 $\pm$ 15% Amps Dual 10.4 $\pm$ 15% Amps (After 15mins.)
Safety Devices.....	Thermal Protector for Magnetron, Open at 135°C Thermal Protector for Cavity, Open at 150°C Thermal Protector for Cavity, Open at 122°C Fuse (Cartridge Type 8A) Primary Interlock Switch Door Sensing Switch Interlock Monitor Switch
Timer.....	60min
Overall Dimensions	470(W)x373(D)x284(H)mm
Oven Cavity Size.....	288(W)x304(D)x195(H)mm
Turntable Diameter	262mm
Net Weight.....	Approx. 17.0Kg.

2. SPECIFICATIONS - EM-G400

Rated Power Consumption.....	Micro1 650W Grill 1300W Dual 2950W
Microwave Output	1 000W(Adjustable 1 00W through 1000W)
Frequency	2,450MHz $\pm$ 50MHz
Power Supply.....	230V,50Hz
Rated Current.....	Micro 7.6 $\pm$ 15% Amps Grill 5.5 $\pm$ 15% Amps Dual 13.1 $\pm$ 15% Amps (After 1 5mins.)
Safety Devices.....	Same as G200 above.
Timer.....	60min
Overall Dimensions	470(W)x373(D)x284(H)mm
Oven Cavity Size	288(W)x304(D)x195(H)mm
Turntable Diameter	262mm
Net Weight.....	Approx. 17.5Kg.

3. POWER OUTPUT MEASUREMENT

- (1) Prepare 1000 $\pm$ 5g tap water.
 - (2) Adjust water temperature to 10°C $\pm$ 2°C.
 - (3) Pour water into a container made of borosilicate glass, 190mm outer diameter cylinder, maximum 3mm thickness.
 - (4) Place the container in the centre of the oven cavity.
 - (5) Set the timer at any position more than one minute, set the power controller to the " High" position, and close the door.
 - (6) Heat the water correctly for 52 and 42 seconds for 800W and 1000W respectively.
 - (7) Take the container out immediately when heating time is up.
 - (8) Stir water for making even water temperature in the container.
 - (9) Measure water temperature.
- Water temperature rise should be between 8°C to 12°C for correct power output.

4.PRECAUTIONS AND REPAIR SERVICE TIPS

PRELIMINARY

A.SINCE NEARLY 4,000 VOLTS EXIST IN SOME CIRCUITS OF THIS MICROWAVE OVEN, REPAIRS SHOULD BE CARRIED OUT WITH GREAT CARE

B.TO AVOID POSSIBLE EXPOSURE TO MICROWAVE ENERGY LEAKAGE, THE FOLLOWING PRECAUTIONS MUST BE TAKEN BEFORE SERVICING.

Before the power is applied.

- a Open and close door several times to make sure the primary interlock switch, the door sensing switch, and the interlock monitor switch operate properly. (Listen for the clicking sound from switches). Make sure the interlock monitor switch is closed after the primary interlock switch is opened, when the door is opened. (See pages 1 and 7).
- Make sure the perforated screen and the dielectric choke of the door are correctly mounted.

(2)After the power is applied.

- (a)Open and close the door to see if the interlock mechanism operates properly.
- (b)Check microwave energy leakage with a leakage detector and confirm the energy leakage is below 5mW/cm²

(3)Do not operate the unit until it is completely repaired, if any of the following conditions exists.

- (a)Door does not close firmly against the cavity front.
 - (b)The hinge is broken.
 - (c)The choke dielectric or the door seal is damaged.
 - (d)The door is bent or warped, or there is any other visible damage to the oven that may cause microwave energy leakage.
- NOTE: Always keep the seal clean
- (e)Make sure there are no defective parts in the microwave generating and transmission assembly. (especially waveguide).

(4)Following items should be checked after the unit is repaired.

- (a)The interlock monitor switch is connected correctly and firmly.
- (b)The magnetron gasket on the magnetron is properly positioned.
- (c)Wave guide and oven cavity are intact (no leakage of microwave energy).
- (d)The door can be properly closed and the safety switches work properly.
- (e)The oven must be stopped when the door is opened or the time is up.

The oven must not be operated with any of the above components removed or bypassed.

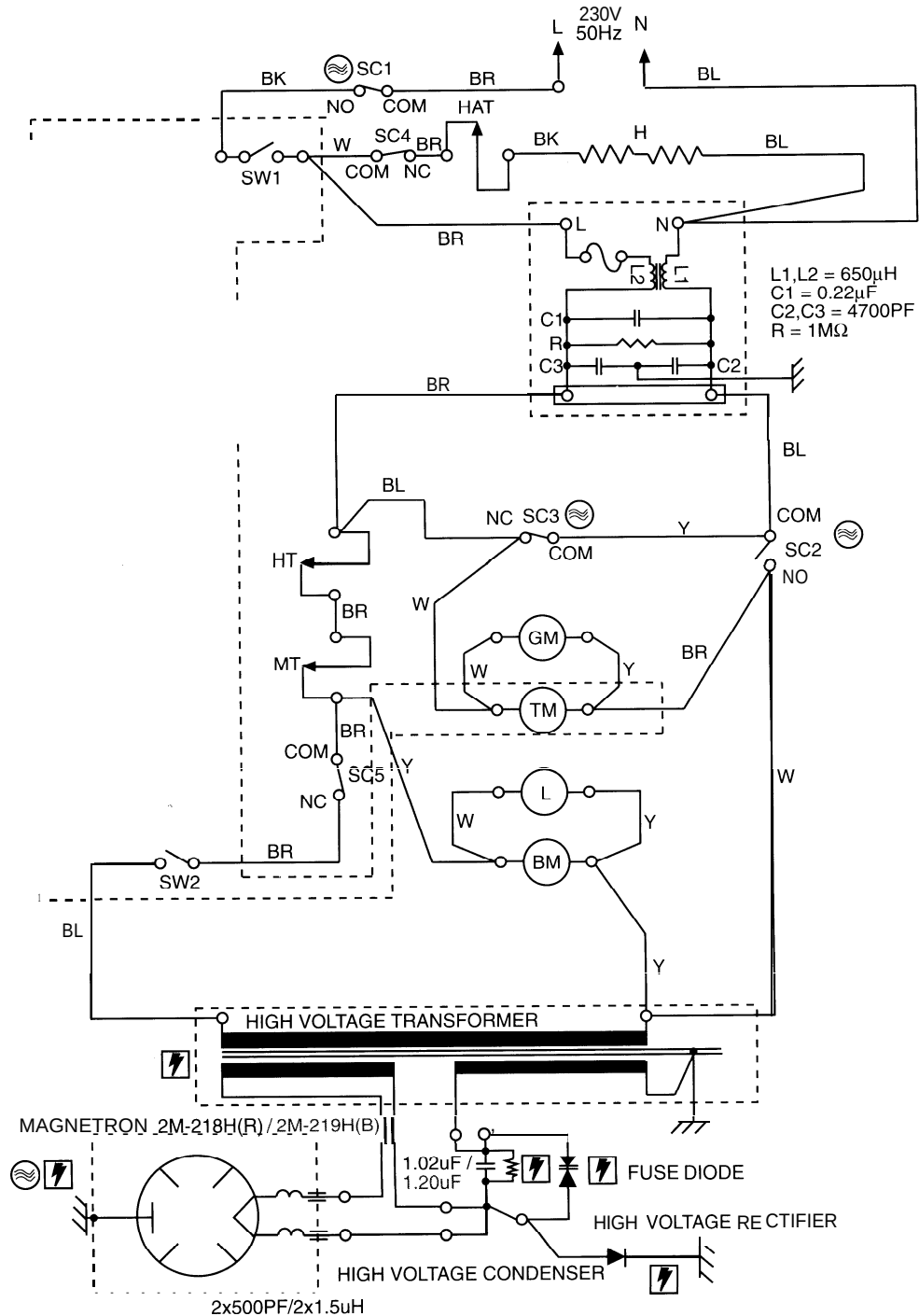
SCIRCUIT DIAGRAM

U.K EM-G200EUK

U.K EM-G400EUK

OVEN CONDITION

DOOR : OPEN



- SC1 : PRIMARY INTERLOCK SWITCH
 SC2 : DOOR SENSING SWITCH
 SC3 : INTERLOCK MONITOR SWITCH
 SC4 : HEATER ON/OFF SWITCH (IN CONTROL)
 SC5 : MICRO ON/OFF SWITCH (IN COTROL)
 HT : THERMAL PROTECTOR FOR CAVITY
 MT : THERMAL PROTECTOR ON WAVEGUIDE
 HAT : THERMAL PROTECTOR ON DUCT
 TM : TIMER MOTOR
 BM : BLOWER MOTOR
 GM : GEAR MOTOR
 L : CAVITY LAMP
 H : QUARTZ HEATER

WIRING COLOUR

- W : WHITE
 O : ORANGE
 LB : LIGHT BLUE
 BK : BLACK
 P : PINK
 BR : BROWN
 Y : YELLOW
 BL : BLUE

Please Note for G400.

Capacitor value is 1.20uF

Magnetron is 2m-219 type.

E I - The parts marked with  are supplied with a high voltage which exceeds 250V.

 - The parts marked with  have special characteristics important for microwave leakage. When replacing any of these parts use only manufacturer's specified parts.

Figure 2

Continental EM-G400EES and EM-G400ESP

6. TEST PROCEDURES AND TROUBLESHOOTING

CAUTION

- DISCONNECT THE POWER SUPPLY CORD FROM THE WALL OUTLET WHENEVER REMOVING THE CABINET FROM THE UNIT. PROCEED WITH THE TESTS ONLY AFTER DISCHARGING THE HIGH VOLTAGE CAPACITOR AND REMOVING THE LEAD WIRES FROM THE PRIMARY WINDING OF THE HIGH VOLTAGE TRANSFORMER. (See Figure 3)

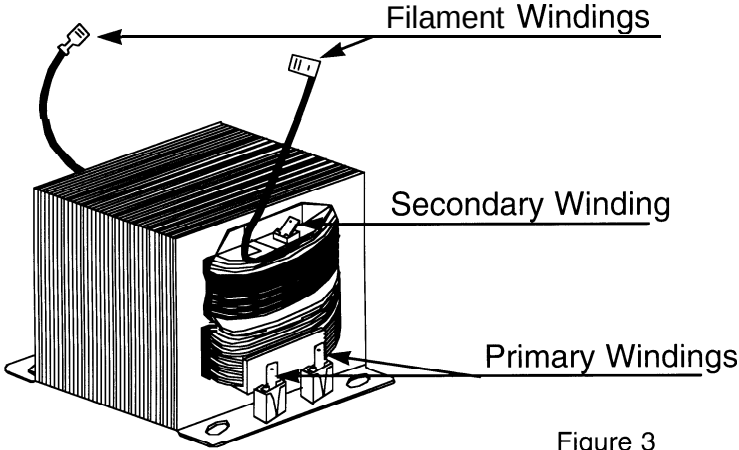
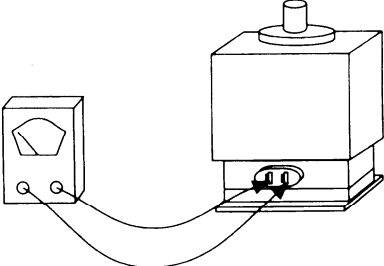
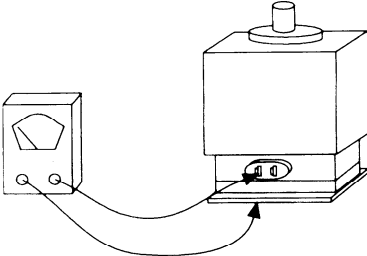
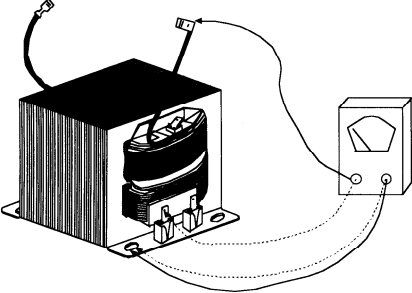
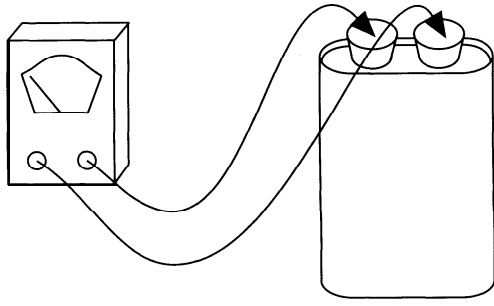
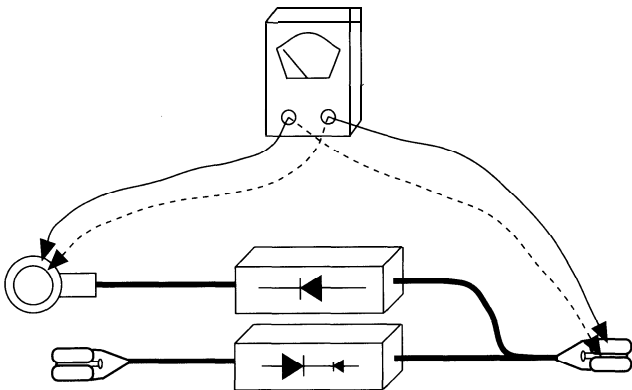
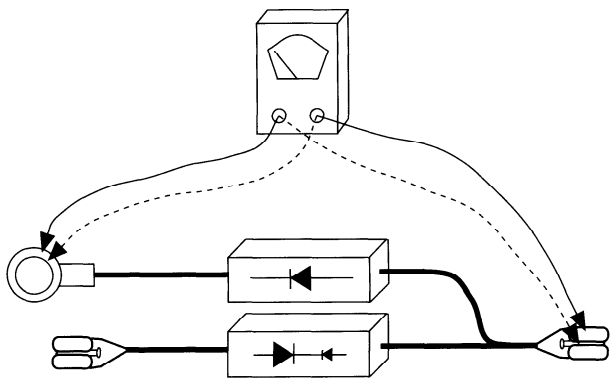


Figure 3

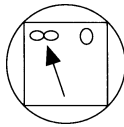
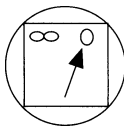
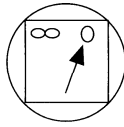
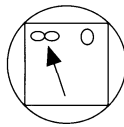
A. TEST PROCEDURE

COMPONENT	CHECKOUTPROCEDURE	RESULTS
MAGNETRON	1) Check for resistance : Across the filament terminals of the magnetron with an ohmmeter on Rxl scale.  Figure 4	Normal reading : Less than 1 ohm.
	2) Check for resistance : Across the filament terminals of the magnetron and the chassis ground with an ohm-meter on highest scale.  Figure 5	Normal reading : Infinite ohms
HIGH VOLTAGE TRANSFORMER	1) Measure the resistance : With an ohmeter on Rxl scale. a. Primary Winding ; b. Filament Winding ; c. Secondary Winding ; 2) Measure the resistance : With an ohm-meter on highest scale. a. Primary winding to ground ; b. Filament winding to ground ;  Figure 6	Normal readings : Approximately 1.6 ohms. Less than 1 ohm. Approximately 92 ohms. Normal readings : Infinite ohms Infinite ohms Note : Remove varnish of measured point.

COMPONENT	CHECKOUTPROCEDURE	RESULTS
HIGH VOLTAGE (CAPACITOR including BLEEDER RESISTOR	1) Measure the resistance : Across two terminals with an ohm-meter on highest scale  Figure 7	Normal reading : Momentarily indicates ohms, and gradually returns to 10 Meg-ohm. Abnormal reading : Indicates continuity or 1 0 M from the beginning.
HIGH VOLTAGE DIODE	Measure the resistance : Across two terminals with an ohm-meter on its highest scale.  Figure 8	Normal reading : Indicates over 10MΩ in one direction (forward direction) and infinite ohms in the reverse direction, using meter which is provided with a 9-volt battery. NOTE Some digital meters may show over even in a forward direction because low measuring voltage of meter does not allow the meter current to pass through the high voltage diode. Abnormal reading: Indicates continuity or infinite ohms in both directions.
FUSE DIODE	Measure the resistance : Across two terminals with an ohm-meter on its highest scale.  Figure 9	Normal reading : Indicates infinite ohms in both directions. Abnormal reading : Indicates continuity in both directions or continuity in one direction and infinite ohms in reversed direction.
GRILL HEATER (Quartz)	Measure the resistance : After removing the lead wires from the grill heater with an ohm-meter on R x 1 scale.	Normal Reading Approximately 40Ω (1000W) Approximately 5 16Ω (1300W)

CHECKOUT PROCEDURE FOR SWITCHES

Disconnect the lead wires from the switches and check the continuity of the switches, connecting an ohm-meter to its terminals.

SWITCH	CHECKOUT PROCEDURES	DOOR OPEN	DOOR CLOSE
Primary Interlock	Connect an ohm-meters leads to terminals "COM" and "NO" of switch		
Door Sensing			
Interlock monitor	Connect an ohm-meters leads to terminals "COM" and "NC" of switch		

CAUTION : After checking the switches, make sure that the interlock monitor switch is properly connected according to the CIRCUIT DIAGRAM on page 3 (UK) or page 4 (Continental).

B. TROUBLESHOOTING GUIDE.

CONDITION	TROUBLE	CHECK	RESULT	REMEDY
Power is applied with normal voltage	Cavity lamp does not light but oven operates	Cavity lamp	Broken lamp	Replace
		Interlock switch (See page 7)	No continuity	Replace (See page 1)
Timer is applied and door is closed	Cavity lamp does not light and oven also does not operate	Timer switch	No continuity	Replace timer
		Fuse (8A)	Blown fuse	Replace
		Thermal protector for cavity	No continuity	Replace
		Thermal protector for magnetron	No continuity	Replace
	Oven does not operate but cavity lamp lights	Power control switch	No continuity	Replace timer
		H.V Transformer (See page 5)	Resistance incorrect	Replace
		H.V Capacitor or H.V Diode (See page 6)	Resistance incorrect	Replace
		Magnetron (See page 5)	Resistance incorrect	Replace (See page 9)
	Fuse (8A) blows off immediately (See page 9)	Timer motor	Shorted	Replace Timer
		Blower motor	Shorted	Replace
		Secondary circuit (High Voltage)	Shorted	Replace
		Monitor switch (See page 6)	Contact on	Replace (See page 1)

<u>CONDITION</u>	<u>TROUBLE</u>	<u>CHECK</u>	<u>RESULT</u>	<u>REMEDY</u>
	Oven operates for a few minutes and stops	Blower motor	No operation	Repair or replace
	Oven operates and does not stop	Timer motor	No continuity of coil	Replace Timer
		Magnetron	Poor oscillation	Replace . (See page 8)
	Output power is low when cook selected	H.V Capacitor	Poor function	Replace
		Power control switch	Contact on	Replace timer
	Output power is on high level when Defrost is selected	Gear motor	No operation	Replace
	Uneven heating			
	Unit does not heatup when heater switch is pushed.	Door switch for heater	No continuity	Repair or Replace
		Timer switch	No continuity	Replace timer
		Heater	No continuity	Replace

7.DISASSEMBLY INSTRUCTIONS

- **OVEN MUST BE DISCONNECTED FROM ELECTRICAL OUTLET WHEN MAKING REPLACEMENTS, REPAIRS, ADJUSTMENTS, AND CONTINUITY CHECKS BEFORE PROCEEDING WITH ANY REPAIR WORK AFTER DISCONNECTING. WAIT AT LEAST 1 MINUTE, UNTIL THE CAPACITOR IN THE HIGH VOLTAGE AREA HAS FULLY DISCHARGED.**
- **WHEN REPLACING ANY DOOR MICRO SWITCH, REPLACE WITH THE SAME TYPE SWITCH SPECIFIED ON THE PARTS LIST.**

A. REMOVING PRIMARY INTERLOCK SWITCH, DOOR SENSING SWITCH AND INTERLOCK MONITOR SWITCH

(See Figure 1 on page 1 and Figure 10 on this page)

- (1) Remove 2 screws securing the lever stopper.
- (2) Disconnect all lead wires from the primary interlock switch, door sensing switch and the interlock monitor switch
- (3) Ease away the retaining clips holding the Primary interlock switch onto the lever stopper and remove.
- (4) Remove the door sensing switch by reference to the step (3).
- (5) Remove the interlock monitor switch by reference to step (3).
- (6) Make the necessary adjustment, and make microwave energy leakage check according to "1. ADJUSTMENT PROCEDURES" on page 1. After the switch is replaced with a new one, check proper operation of it according to "CHECKOUT PROCEDURE FOR SWITCHES" on page 7.

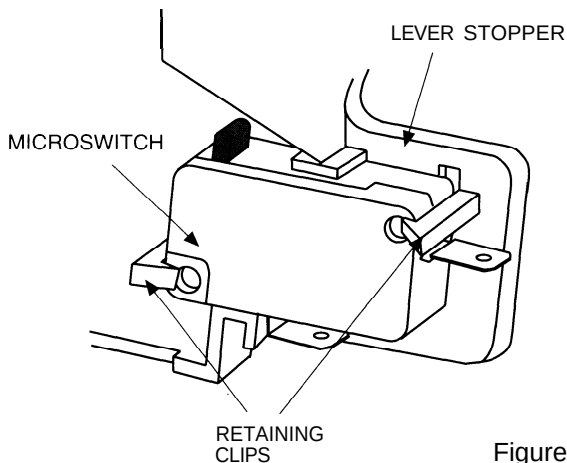


Figure 10

Interlock Switch Replacement - when replacing faulty switches, be sure switch retaining clips are not bent, broken or otherwise deficient in their ability to secure the switches in place.

B. REMOVING THE ANTENNA

(See exploded view on page II)

- (1). Remove the screw securing the cavity cover to the cavity.
- (2). Remove the antenna complete by slightly bending it so the retension clips holding it slide out of the cavity wall.

C. REMOVING MAGNETRON

(See exploded view on page 12)

- (1) Remove the antenna complete according to

B. REMOVING THE ANTENNA.

- (2) Disconnect the 2 lead wires from the magnetron.
- (3) Remove 1 screw securing the duct to the magnetron, and take out the duct.
- (7) Remove 4 screws securing the magnetron to the waveguide.

Take out the magnetron **VERY CAREFULLY.**

NOTES

- When removing the magnetron, make sure that its dome does not hit any adjacent parts, or it may be damaged.
- After replacing the magnetron, be sure to check the microwave energy leakage with a leakage detector and confirm the leakage is below 5 mW/cm².

D. REMOVING FUSE

- (A) Remove the 8A fuse with a screwdriver.

- When replacing the 8A fuse, be sure to use an exact repair part.
- If the 8A fuse blows immediately, check the primary interlock switch and the interlock monitor switch (terminals "C" and "NC") according to "CHECKOUT PROCEDURE FOR SWITCHES" on page 7, and make sure to check the microwave energy leakage according to "1. ADJUSTMENT PROCEDURE" on page 1, when the primary interlock switch or the interlock monitor switch is replaced.
- If the primary interlock switch is defective, replace not only the primary interlock switch but also the interlock monitor switch.

Then install a new 8A fuse.

- If the primary interlock switch and the interlock monitor switch (terminals "C" and "NC") operate properly, determine which of the following is defective: blower motor, turntable motor, high voltage transformer, high voltage capacitor, high voltage diode or magnetron.

- If the high voltage diode is defective, replace not only the high voltage diode but also the fuse diode.

F. REMOVING GRILL ASSEMBLY

(See exploded view on page 11)

- (1) Remove screw securing heat insulation plate and duct.
- (2) Remove screw securing reflective plate.
- (3) Slide reflective plate in direction of magnetron to unhook it from clips on cavity.
- (4) Pull out heater bracket to release heater assembly.
- (5) Replace with new heater assembly and perform the reverse of stages 1 to 4.

NOTES

- When replacing reflective plate on cavity make sure all hooks are secure to avoid microwave energy leakage.
- After replacing the heater ass'y check for microwave energy leakage with a leakage detector. Microwave energy leakage must be below the limit of $5\text{mW}/\text{cm}^2$

F. REMOVING DOOR

- (1) Remove the 2 screws securing the upper hinge.
- (2) Tilt the top of the door toward you.
- (3) Lift up the door to remove it.

NOTES

- After replacing the door, be sure to check that the primary interlock switch, door sensing switch and the interlock monitor switch operate normally. (See page 1).
- After replacing the door check for microwave energy leakage with a leakage detector. Microwave energy leakage must be below the limit of $5\text{mW}/\text{cm}^2$

G. DISASSEMBLYING DOOR

(See exploded view on page 14)

- (1) Insert a thin flat blade screwdriver between the choke dielectric and the door mainframe and lift up the choke dielectric to release the hooks one by one.
- (2) To remove door cover, remove the 2 screws securing the door cover to the door main frame
- (3) Insert a thin flat blade screwdriver between the door cover and door mainframe and release the hooks one by one.
- (4) To detach the glass door panel, insert a thin flat blade screwdriver between the door panel and door cover and release the clips one by one.

NOTES

- The choke dielectric, the glass door panel and the door cover may be damaged when they are removed. When re-installing them, replace them with new ones if they are damaged.
- After installing the door in place, check for microwave energy leakage with a leakage detector. Microwave energy leakage must be below the limit of $5\text{mW}/\text{cm}^2$.

H. CHANGING POWER SUPPLY CORD

(See exploded view on page 12)

- (1) Removing the earthing screw.
- (2) Remove the power supply cord from the terminal of PCB complete.

- (3) Remove power cord from cavity assembly by lifting cord bush, moving it to the left and pulling it away from cavity rear plate.
- (4) Install the new power supply cord with the reverse procedure of above (1) to (3).

WARNING

For changing the power supply cord, never use parts other than the following :

Part Name : Power Supply Cord Assembly

Part No : 617 167 0554 (UK)

Part No : 617 **169** 9609 (European)

1 REMOVING TURNTABLE MOTOR COVER

(Refer to Figures 11 and 12 below and exploded view page13)

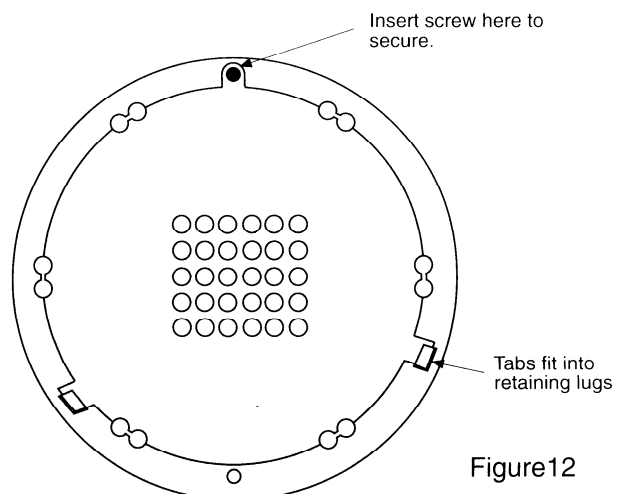
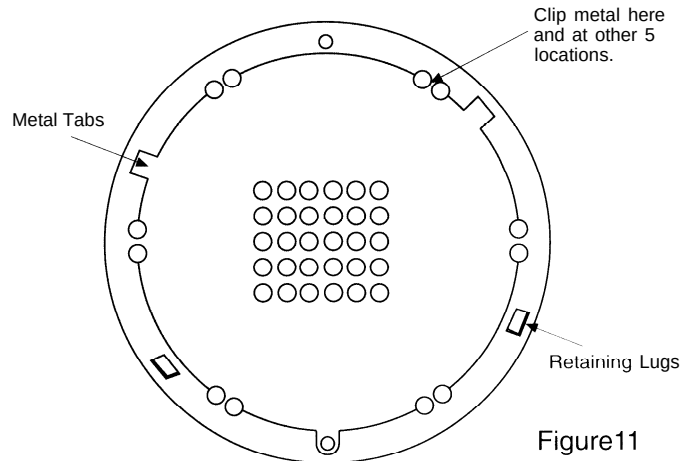
- (1) Turn the unit and cut the 6 joints of the bottom plate and the motor cover using diagonal pliers (nipper). (See Figure 11)
- (2) Separate the motor cover and the bottom plate.

NOTES

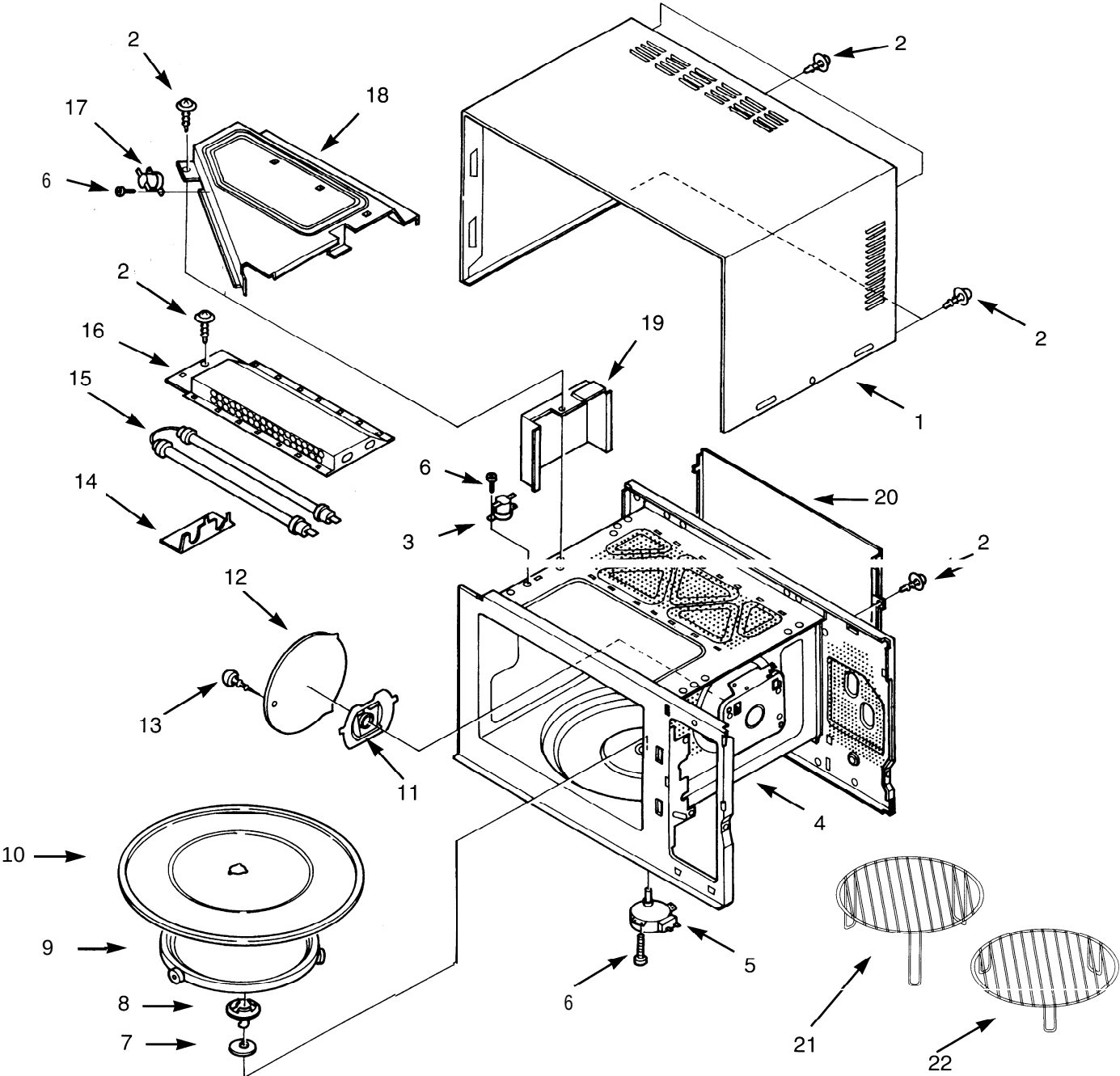
- Bend the cut joints inside slightly for safety and be careful of the sharp edges.

RE-INSTALL :

- (1) Rotate the motor cover through 180° .
- (2) Insert the edge of the motor cover into the tab on the bottom plate.
- (3) Secure the motor cover by screwing it to the bottom plate (See Figure 12)



8. EXPLODED VIEW AND PARTS LIST
CAVITY PARTS



EM-G200 and G400

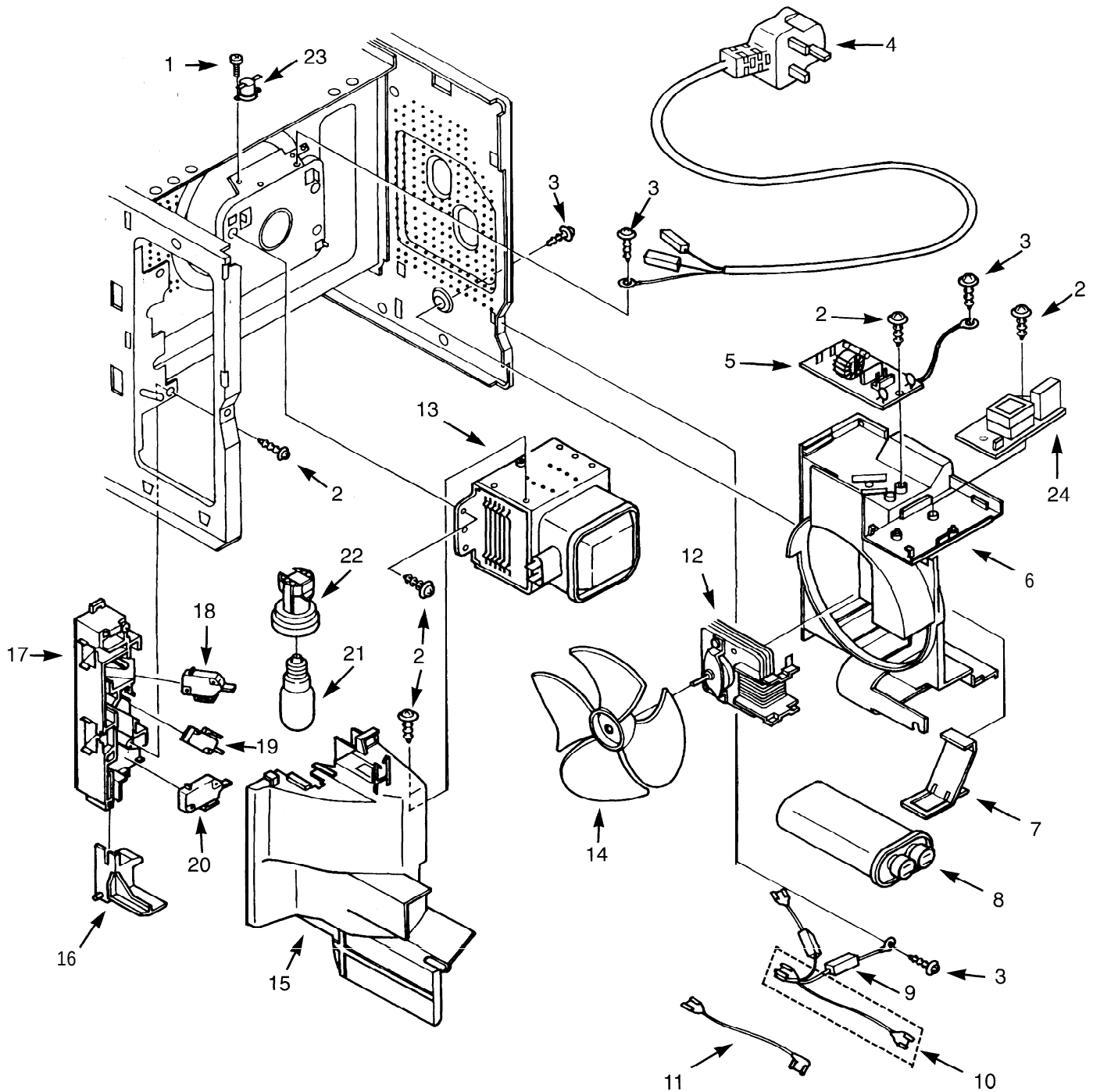
Key No.	Part No.	Description	'ty
1	617 166 7479	Cabinet	1
2	411 156 5601	SCR TPG PAN+F+S 4x10	6
3	617 153 3989	Thermostat, Cavity H 1 50°C	1
4	617 167 0257	Cavity	1
5	617 123 9928	Gear Motor	1
6	411 001 6005	SCR S-TPG PAN 4x8	2
7	6170805315	Special Washer	1
8	617 144 4476	Turntable Shaft	1
9	617 155 2386	Roller	1
10	617 167 1421	Glass Tray	1
11	617 167 0363	Antenna Complete	1
12	617 169 8930	Cavity Cover	1
13	412 037 5901	SCR TPG TRS 4x6K	1

Key No.	Part No.	Description	'ty
14	617 167 0325	Heater Bracket	1
15	617 167 0301	Heater Ass'y	1
16	617 167 0356	Reflective Plate	1
17	617 153 4917	Thermostat, 122°C	1
18	617 167 0349	Heat Insulation Plate	1
19	617 167 0431	Duct	1
20	617 169 6875	Frame Rear Plate	1
21	617 166 2153	Cook Net	1

EM-G400 - Only these items differ from EM-G200

Key No.	Part No.	Description	Q'ty
1	617 167 1520	Cabinet	1
4	617 169 6844	Cavity	1
11	617 169 6851	Antenna	1
15	617 169 8923	Heater Assembly	1
22	617 169 6981	Cook Net (Only G400)	1

SWITCHES AND MICROWAVE PARTS



EM-G200

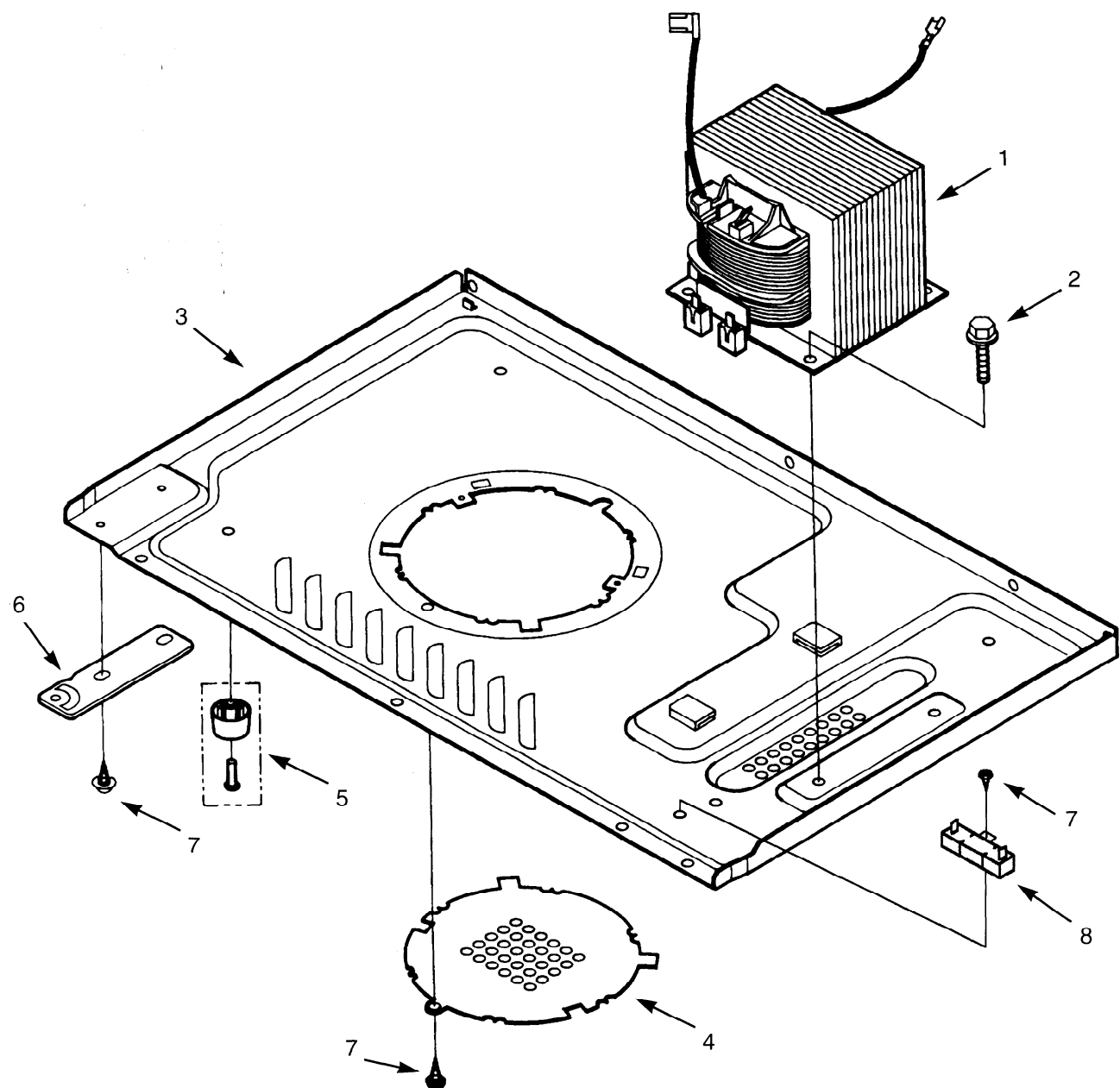
Key No.	Part No.	Description	Q'ty
1	411 010 5600	SCR EVR PAN 3x6	1
2	411 156 5601	SCR TPG PAN+F+S 4X10	9
3	411 156 5502	SCR S-TPG PAN+F+S4X10	4
4	617 167 0554	Power Supply Cord (UK)	1
4	617 169 9609	Power Supply Cord (Euro)	1
5	617 167 0462	Terminal Cct Board	1
6	617 167 0417	Space Partition	1
7	617 162 2041	Capacitor Band	1
8	617 122 4085	Capacitor 1.02uF	1
9	617 171 7723	Diode Ass'y	1
10	617 167 0561	Lead Wire Ass'y	1
11	617 167 0394	Lead Wire Ass'y	1
12	617 167 0592	Blower Motor	1
13	415 002 49'09	Magnetron	1
14	617 112 1025	Fan	1
15	617 167 0424	Duct	1
16	617 124 1181	Latch Lever	1

Key No.	Part No.	Description	Q'ty
17	617 167 5627	Lever Stopper	1
18	617 167 0523	Door Sensing Switch	1
19	617 167 6839	Interlock Monitor Switch (UK)	1
19	617 167 0530	Interlock Monitor Switch (Euro)	1
20	617 167 0523	Primary Interlock Switch	1
21	617 149 3009	Lamp 250V 25W	1
22	617 119 3480	Lamp Socket	1
23	617 153 6225	Thermostat Magnetron 135°C	1
24	617 133 5965	Monitor Cct Board (Only on European Models)	1

EM-G400 - Only these items differ from EM-G200

Key No.	Part No.	Description	Q'ty
8	617 157 9819	Capacitor 1.2uF	1
9	617 171 7730	Diode Ass'y	1
13	415 002 5005	Magnetron	1

MICROWAVE PARTS



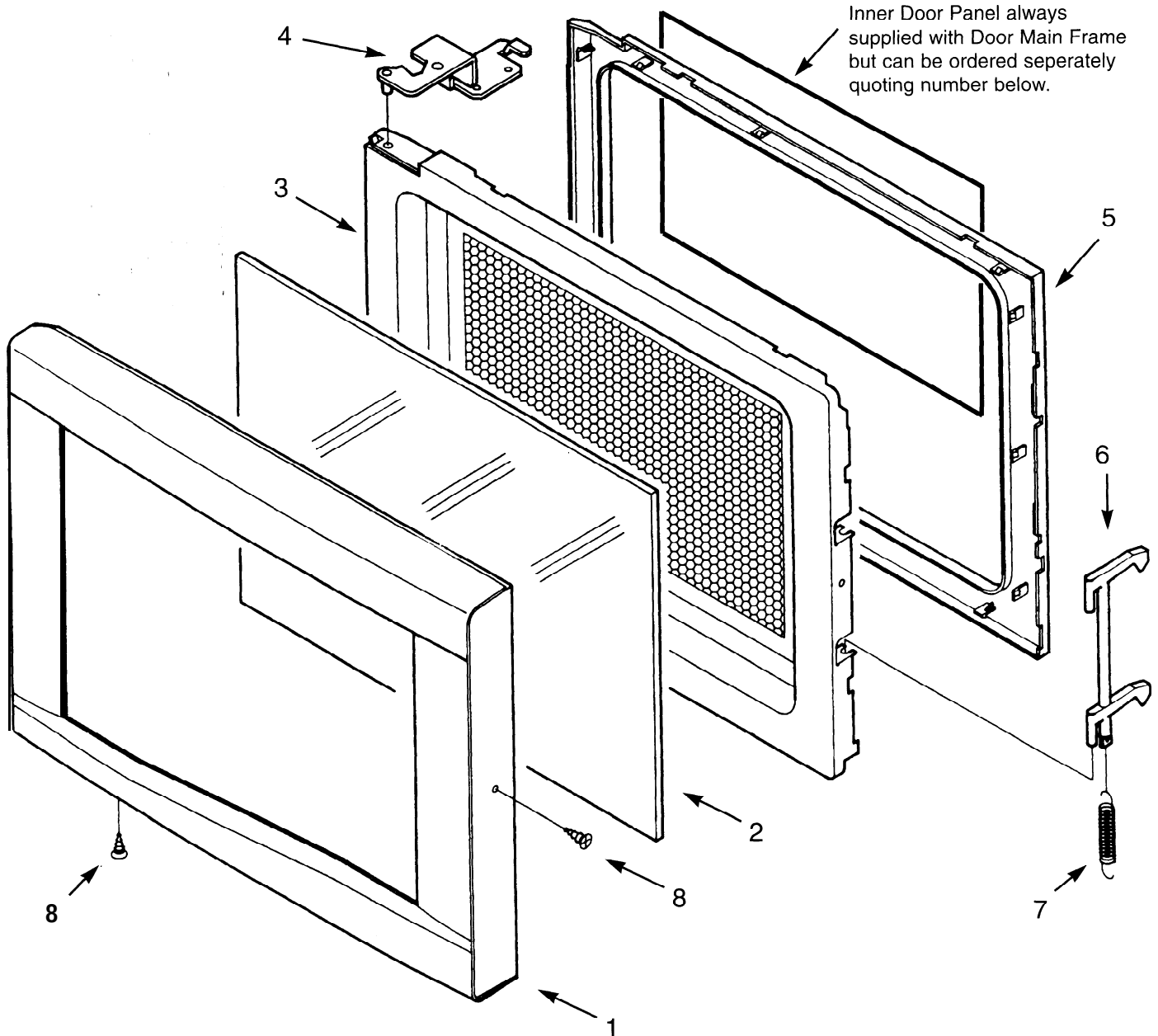
EM-G200

Key No.	Part No.	Description	Q'ty
1	6171670615	Transformer	1
2	6171563658	Special Screw	2
3	617 166 7486	Bottom Plate	1
4	-----	Gear Motor Cover	1
5	617 144 5435	Foot Cushion Assembly	4
6	617 166 7493	Bottom Hinge	1
7	411 156 5601	SCR S-TPG PAN+F+S 4x10	4
8	402 071 0703	Ceramic Resistor (European Models only)	1

EM-G400

Key No.	Part No.	Description	Q'ty
1	617 169 6912	Transformer	1
2	617 156 3658	Special Screw	2
3	617 167 1438	Bottom Plate	1
4	-----	Gear Motor Cover	1
5	617 144 5435	Foot Cushion Assembly	4
6	617 166 7493	Bottom Hinge	1
7	411 156 5601	SCR S-TPG PAN+F+S 4x10	4
8	402 071 0703	Ceramic Resistor(European Models Only)	1

DOOR PARTS



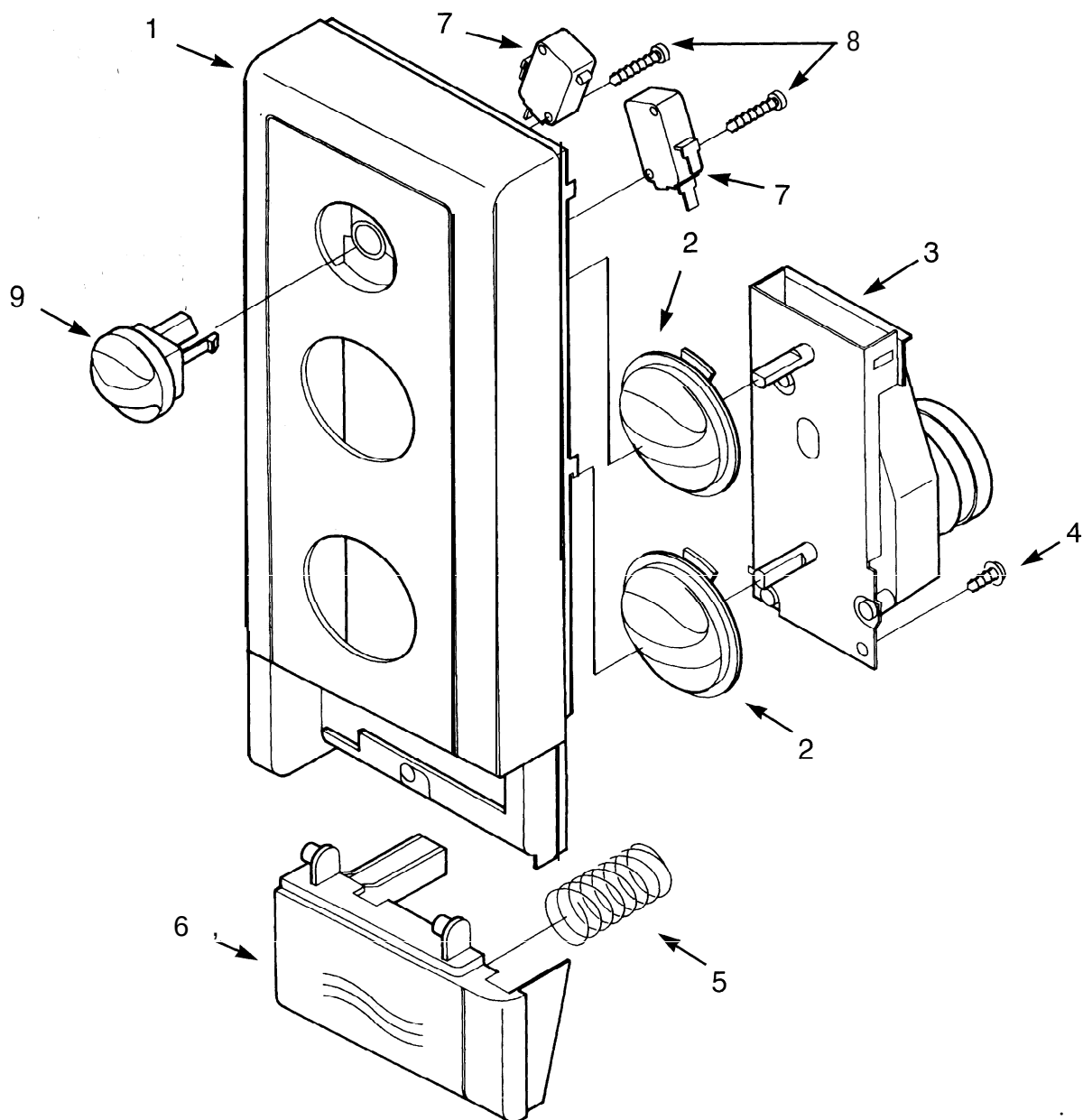
EM-G200

Key No.	Part No.	Description	Q'ty
1	617171 9090	Door Cover (UK)	1
1	617171 9093	Door Cover (Europe)	1
2	6171670202	Glass Door Panel	1
3	6171667516	Door Main Frame(Supplied with inner Door Panel)	1
*	6171670219	Plastic Inner Door Panel	1
4	6171670189	Hinge	1
5	6171670226	Choke Dielectric	1
6	617101 1487	Door Latch	1
7	617101 1494	Spring	1
8	411 071 9104	SCR TPG FLT 3x8	2
*	6171667509	Door Ass'y (UK)	1
*	617171 8942	Door Ass'y (Euro)	1

EM-G400

Key No.	Part No.	Description	Q'ty
1	6171671315	Door Cover (UK)	1
1	617171 9079	Door Cover (Europe)	1
2	6171696806	Glass Door Panel	1
3	6171696790	Door Main Frame(Supplied with inner Door Panel)	1
*	6171696813	Plastic Inner Door Panel	1
4	6171670189	Hinge	1
5	6171671292	Choke Dielectric	1
6	617101 1487	Door Latch	1
7	617101 1494	Spring	1
8	411 071 9104	SCR TPG FLT 3x8	2
*	6171696783	Door Ass'y (UK)	1
*	6171552546	Door Ass'y (Euro)	1

CONTROL PANEL PARTS



EM-G200

Key No.	Part No.	Description	Q'ty
1	617 167 1339	Control Frame (UK)	1
1	617 171 9239	Control Frame (Europe)	1
2	617 167 1407	Knob Body	2
3	617 152 0859	Timer	1
4	411 156 5601	SCR TPG PAN+F+S4x10	1
5	617 080 9559	Spring	1
6	617 167 0943	Handle Lever	1
7	617 167 6839	Microswitch	2
8	411 070 4506	ST1 DN30140SE-	2
9	617 167 1407	Knob Body	1
Key No.	Part No.	Description	Q'ty
*	617 167 6945	Operating Instructions (UK)	1
*	617 171 9277	Operating Instructions(Euro)	1
*	617 173 5437	Operating Instructions (Port)	1
*	617 175 6074	Carton Box (UK)	1
*	617 175 6081	Carton Box (Euro)	1

* Item not illustrated

EM-G400

Key No.	Part No.	Description	Q'ty
1	617 167 1377	Control Frame (UK)	1
1	617 171 9147	Control Frame (Europe)	1
2	617 167 1407	Knob Body	2
3	617 152 0859	Timer	1
4	411 156 5601	SCR TPG PAN+F+S 4x10	1
5	617 080 9559	Spring	1
6	617 167 1384	Handle Lever	1
7	617 167 6839	Microswitch	2
8	411 070 4506	ST1 DN30140SE-	2
9	617 167 1407	Knob Body	1
Key No.	Part No.	Description	Q'ty
*	617 167 6945	Operating Instructions (UK)	1
*	617 171 9277	Operating Instructions(Euro)	1
*	617 173 5437	Operating Instructions (Port)	1
*	617 175 6012	Carton Box (UK)	1
*	617 175 6029	Carton Box (Euro)	1