
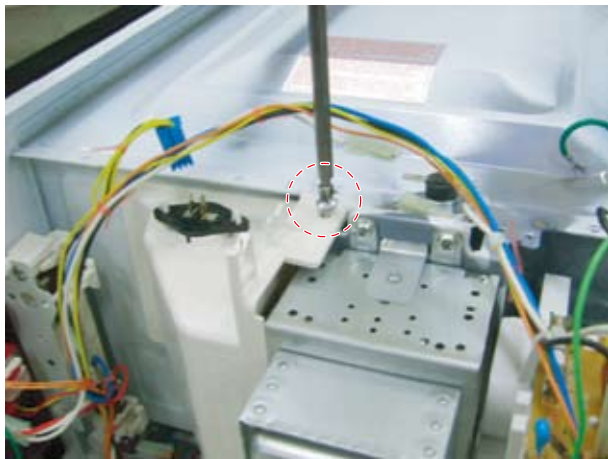



3. Disassembly and Reassembly


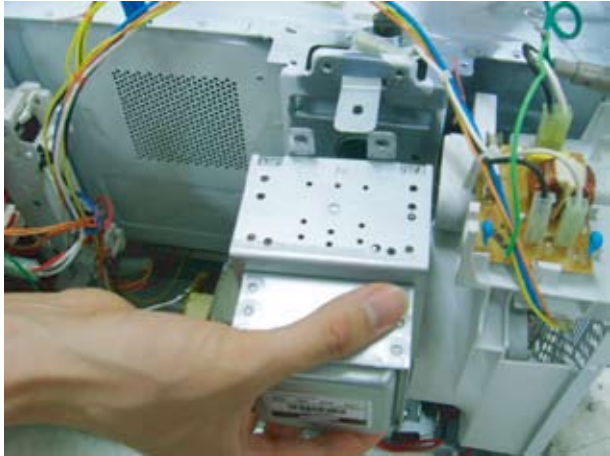
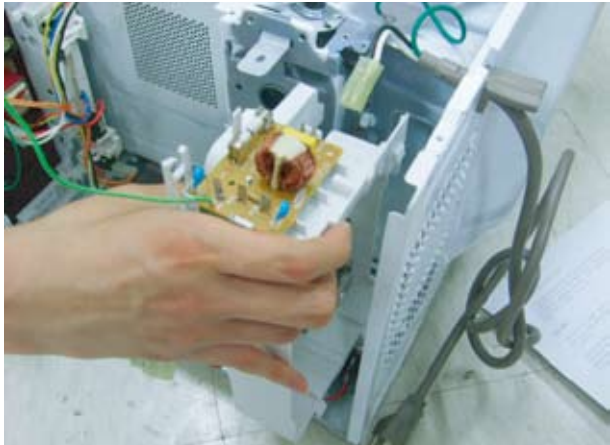
3-1 Disassembly of Magnetron, Motor Assembly and Lamp

Remove the magnetron including the shield case, permanent magnet, choke coils and capacitors (all of which are contained in one assembly)

Parts	Explanation Photo	Explanation
Magnetron, Motor Assembly and Lamp	 <p>: Point of remove read wires</p>	<ol style="list-style-type: none">1. Disconnect all lead wires from the magnetron and lamp.
		<ol style="list-style-type: none">2. Remove a screw securing air cover.
		<ol style="list-style-type: none">3. Remove the air cover.


3. Disassembly and Reassembly

3-1 Disassembly of Magnetron, Motor Assembly and Lamp

Parts	Explanation Photo	Explanation
Magnetron, Motor Assembly and Lamp	 A close-up photograph of the magnetron assembly. Two screws that secure the magnetron to the waveguide are circled in red. The assembly is mounted on a metal plate with various wires connected to it.	4. Remove screws securing the magnetron to the wave guide.
	 A photograph showing a person's hand carefully pulling the magnetron assembly out of the chassis. The assembly is being held by the top metal plate. The chassis is white and has a mesh grille on the left side.	5. Take out the magnetron very carefully.
	 A photograph showing a person's hand removing the back panel of the chassis. The back panel is white and has two screws that are being removed. The magnetron assembly is visible behind the panel.	6. Remove two screws from the back panel. 7. Take out the fan motor.

3. Disassembly and Reassembly


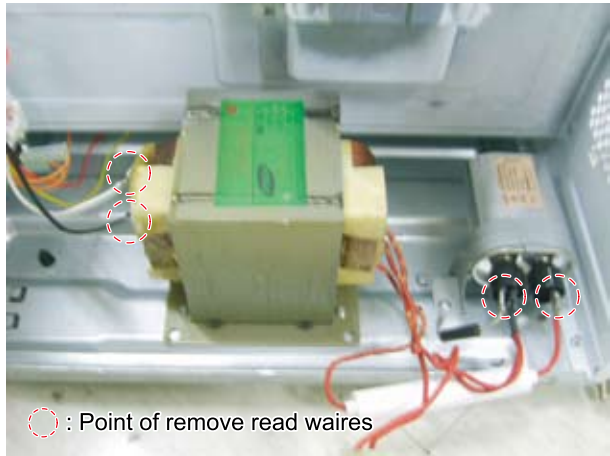
3-1 Disassembly of Magnetron, Motor Assembly and Lamp

Parts	Explanation Photo	Explanation
Magnetron, Motor Assembly and Lamp		<p>8. Remove the oven lamp from hole of air cover.</p>

NOTE1: When removing the magnetron, make sure that its antenna does not hit any adjacent parts, or it may be damaged.


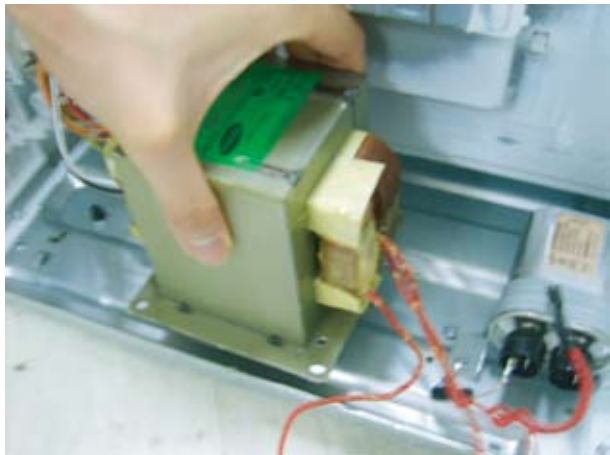
NOTE2: When replacing the magnetron, be sure to remount the magnetron gasket in the correct position and make sure the gasket is in good condition.

3-2 Replacement of High Voltage Trancefomer

Parts	Explanation Photo	Explanation
High Voltage Transformer		<p>1. Discharge the high voltage capacitor.</p>
	 <p>○ : Point of remove read waires</p>	<p>2. Disconnect all the leads.</p>

3. Disassembly and Reassembly

3-2 Replacement of High Voltage Transformer

Parts	Explanation Photo	Explanation
High Voltage Transformer	 <p>○ : Point of remove screws</p> <p>Base plate bottom</p>	<p>3. Remove the mounting bolts.</p>
		<p>4. Replace the High Voltage Transformer</p> <p>5. After replace, reconnect the leads correctly and firmly.</p>

⚠ PRECAUTION

Servicemen should remove their watches whenever working close to or replacing the magnetron.

⚠ PRECAUTION

There exists HIGH VOLTAGE ELECTRICITY with high current capabilities in the circuits of the HIGHVOLTAGE TRANSFORMER secondary and filament terminals. It is extremely dangerous to work on or near these circuits with the oven energized.

DO NOT measure the voltage in the high voltage circuit including filament voltage of magnetron.

3. Disassembly and Reassembly

3-3 Replacement of Door Assembly

Parts	Disassembly Photo	Explanation
Removal of Door Assembly		Remove hex bolts securing the upper hinge and lower hinge. Then remove the door assembly.
Removal of Door "C"		Insert flat screwdriver into the gap between Door "A" and Door "C". Be careful when handling Door "C" because it is fragile. Then remove the door assembly.
Removal of Door "E"		<p>Following the procedure as shown in the figure, insert and bend a thin metal plate between Door "E" and Door "A" until you hear the 'tick' sound.</p> <ul style="list-style-type: none"> • Insertion depth of the thin metal plate should be 0.5mm or less.
Removal of Key Door & Spring		Remove pin hinge from Door "E" Detach spring from Door "E" and key door.

3. Disassembly and Reassembly

3-4 Replacement of Door Assembly

Reassembly Test

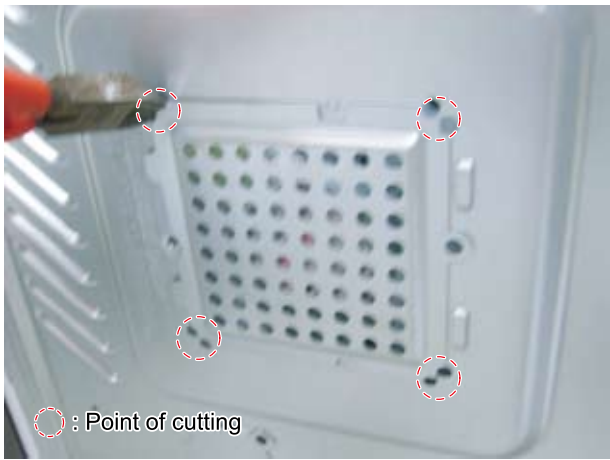
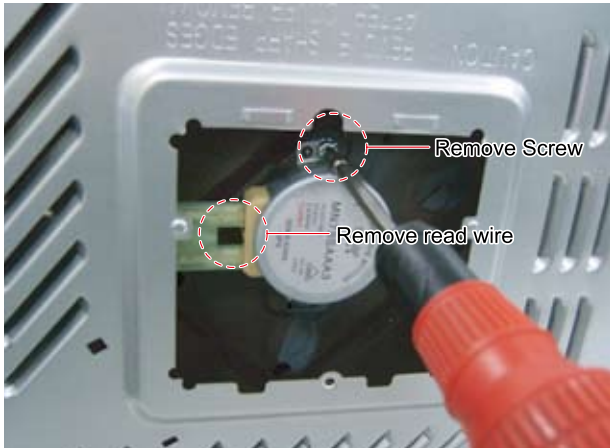
After replacement of the defective component parts of the door, reassemble it and follow the instructions below for proper installation and adjustment so as to prevent an excessive microwave leakage.

1. When mounting the door to the oven, be sure to adjust the door parallel to the bottom line of the oven face plate by moving the upper hinge and lower hinge in the direction necessary for proper alignment.
2. Adjust so that the door has no play between the inner door surface and oven front surface. If the door assembly is not mounted properly, microwave energy may leak from the space between the door and oven.
3. Do the microwave leakage test.

3-5 Replacement of Fuse


1. Disconnect the oven from the power source.
2. When 12A fuse blows out by the operation of interlock monitor switch failure, replace the primary interlock switch, door sensing switch, monitor switch and power relay.
3. When the above three switches operate properly, check if any other part such as the control circuit board, blower motor or high voltage transformer is defective.

3-6 Replacement of Drive Motor

Parts	Explanation Photo	Explanation
		<ol style="list-style-type: none"> 1. Take out the glass tray, guide roller from oven cavity, disconnect power. 2. Remove turn table motor cover from case bottom. <p>CAUTION : Remove sharp edge after cover removal.</p>
Drive Motor		<ol style="list-style-type: none"> 3. Disconnect leads from motor. 4. Remove the screws securing motor to bottom of over cavity.

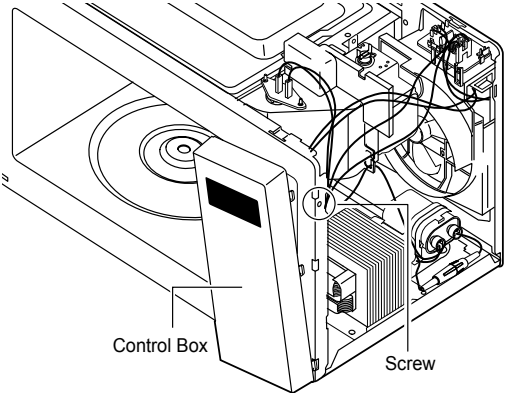
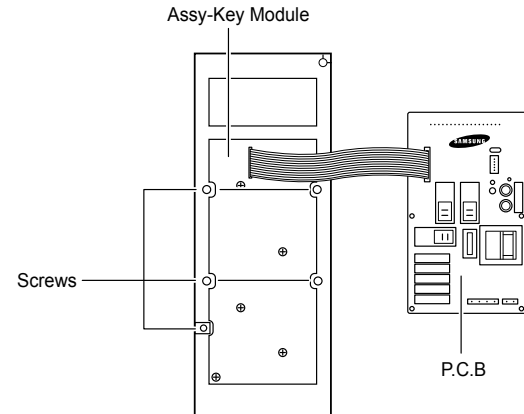
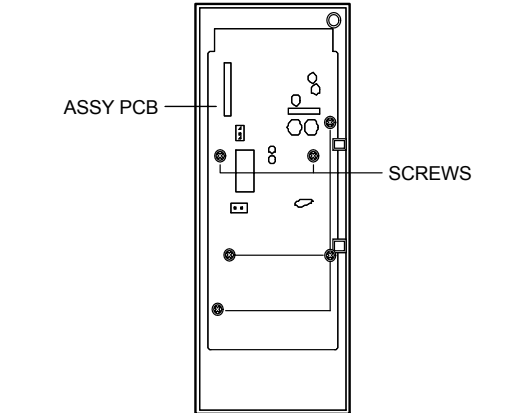
3. Disassembly and Reassembly

3-6 Replacement of Drive Motor

Parts	Explanation Photo	Explanation
Drive Motor		<p>6. Lift out the motor.</p> <p>5. When replacing the motor, be sure to remount it in the correct position.</p> <p>NOTE : The shaft of motor should fit tip coupler.</p>
	<p>COVER FIXING SCREW : MACHINE SCREW(6006-001170)</p>	<p>6. When reassemble a drive motor cover. give a turn in a 180° and fix with a screw.</p> <p>NOTE : Bring the spare screw from service center.</p>

3. Disassembly and Reassembly

3-7 Replacement of Control Circuit Board

Parts	Explanation Photo	Explanation
<p>Removal of Control Box Assembly</p>	 <p>Control Box</p> <p>Screw</p>	<ol style="list-style-type: none"> 1. Be sure to ground any static electric charge in your body and never touch the control circuit. 2. Disconnect the connectors from the control circuit board. 3. Remove screws securing the control box assembly. 4. Remove the screw securing the ground tail of the keyboard.
<p>Removal of Ass'y P.C.B Assembly</p>	 <p>Assy-Key Module</p> <p>Screws</p> <p>P.C.B</p>	<ol style="list-style-type: none"> 1. Remove screws securing the control circuit board. 2. Lift up the control circuit board from the Ass'y control box.
	 <p>ASSY PCB</p> <p>SCREWS</p>	