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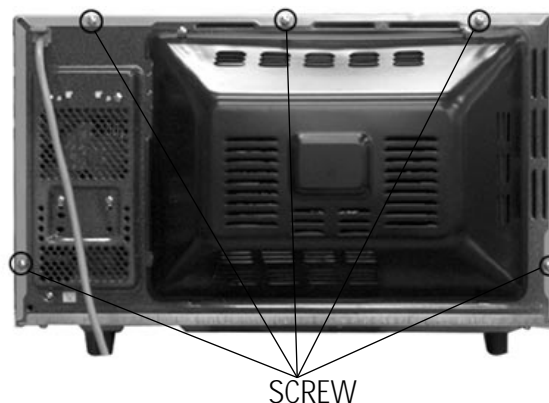
## 4. Disassembly and Reassembly

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### 4-1 Removal of Outer Panel

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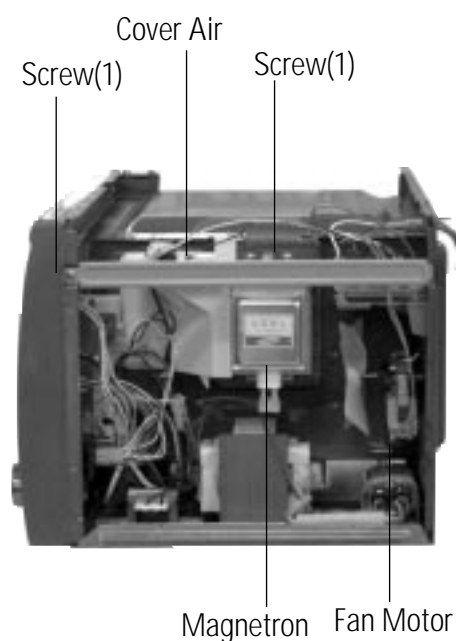
1. Remove five screws from the rear section.
2. Lift the outer panel by pulling it backwards



### 4-2 Replacement of Magnetron and Fan Motor

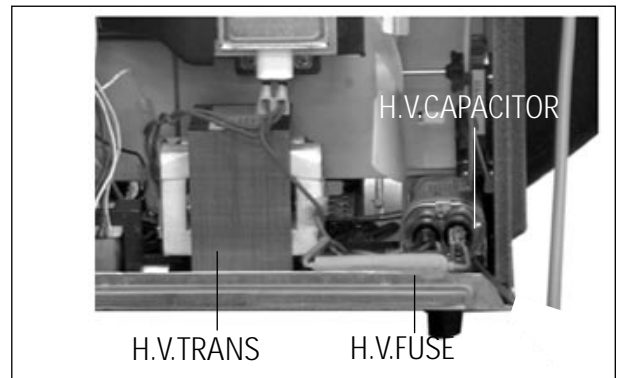
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1. The magnetron includes the shield case, permanent magnet, check coils and 500pF capacitors (all contained in one assembly).
2. Discharge the high voltage capacitor. (See page1-2)
3. Disconnect all lead wires from the magnetron.
4. Remove screw(1) securing the magnetron supporter.
5. Remove the magnetron supporter.
6. Remove the air cover
7. Remove screw(1) securing the assy thermal cutout switch.
8. Remove screws securing the magnetron to the wave guide.
9. Remove the magnetron very carefully.
10. Remove screws from the back panel to take out fan motor.
11. When removing the magnetron, make sure that its antenna does not hit any adjacent parts.
12. When replacing the magnetron, be sure to remount the magnetron gasket in the correct position, and make sure the gasket is in good condition.



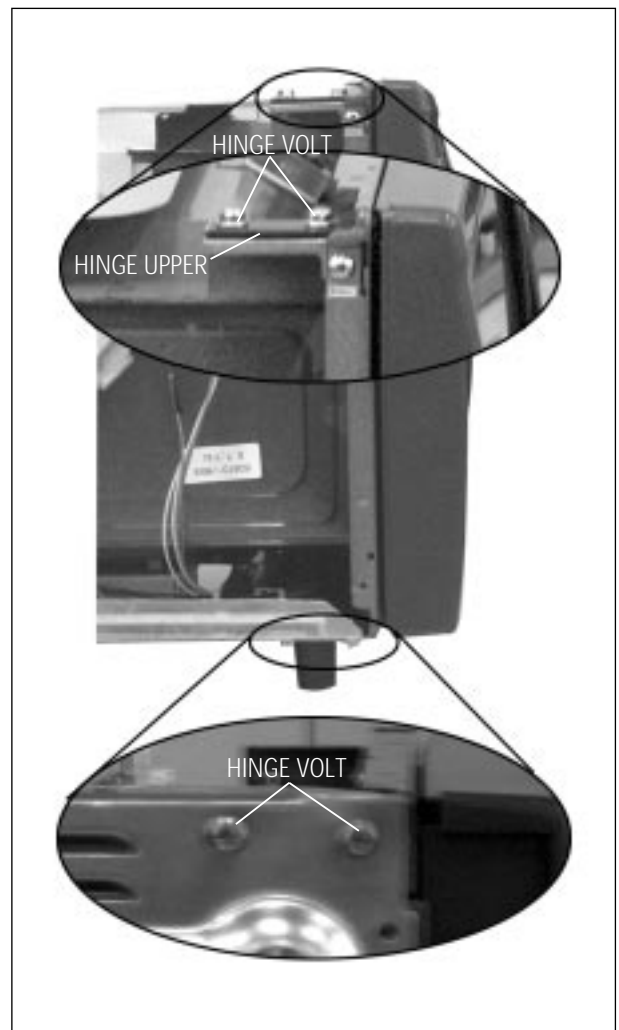
### 4-3 Replacement of High Voltage Transformer

1. Discharge the high voltage capacitor.  
(See page 1-2)
2. Disconnect all the leads.
3. Remove four screws.
4. When replacing, connect the leads securely.



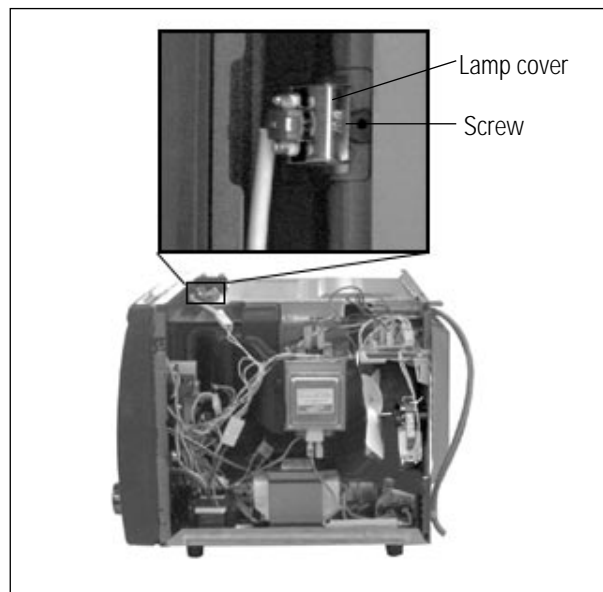
### 4-4 Replacement of Door Assembly

1. Remove bolts securing the upper hinge and lower hinge, then remove the door assembly.
2. After replacing the door, check the operation of the primary interlock switch and the interlock monitor switch.
3. Microwave emission should not exceed  $5\text{ mW/cm}^2$  (All service adjustments should be made for minimum RF emission.)



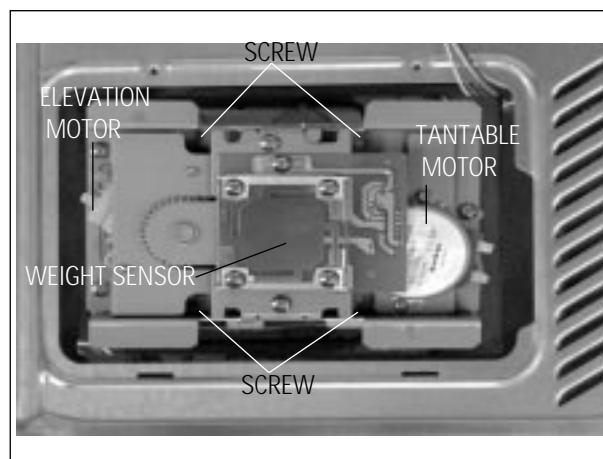
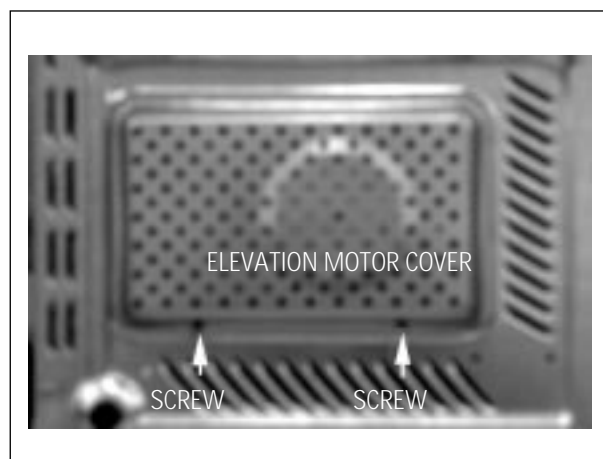
## 4-5 Replacement of Lamp

1. Disconnect harness-"A" assembly.
2. Remove screw securing the lamp cover



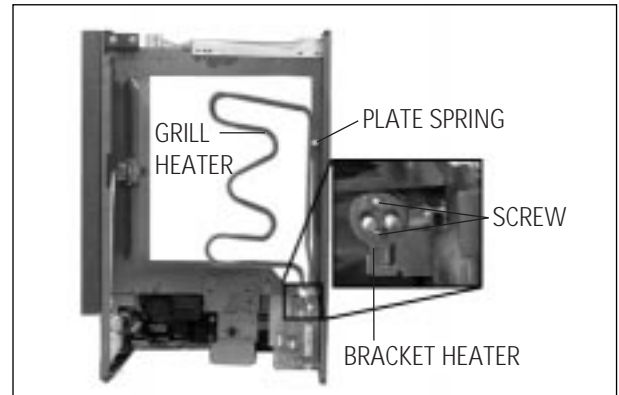
## 4-6 Replacement of Elevation Motor

1. Remove the ceramic tray and assembly from cavity.
2. Turn the oven upside down.
3. Remove screws securing the elevation motor cover.
4. Disconnect all lead wires from the elevation motor.
5. Remove screws securing the elevation motor to the cavity.
6. Remove the elevation motor.
7. When replacing the elevation motor, be sure to remount it in the correct position.
8. Reconnect all the leads to the elevation motor.
9. Screw the elevation motor cover to the base plate with screw driver.
10. Remount the coupler in the correct position.



## 4-7 Replacement of Grill Heater

1. Remove the outer panel.
2. Disconnect all the connectors and terminals on the heater and noise filter assembly.
3. Unscrew nuts securing the grill heater.



## 4-8 Replacement of Interlock Monitor Switch and Door Sensing Switch

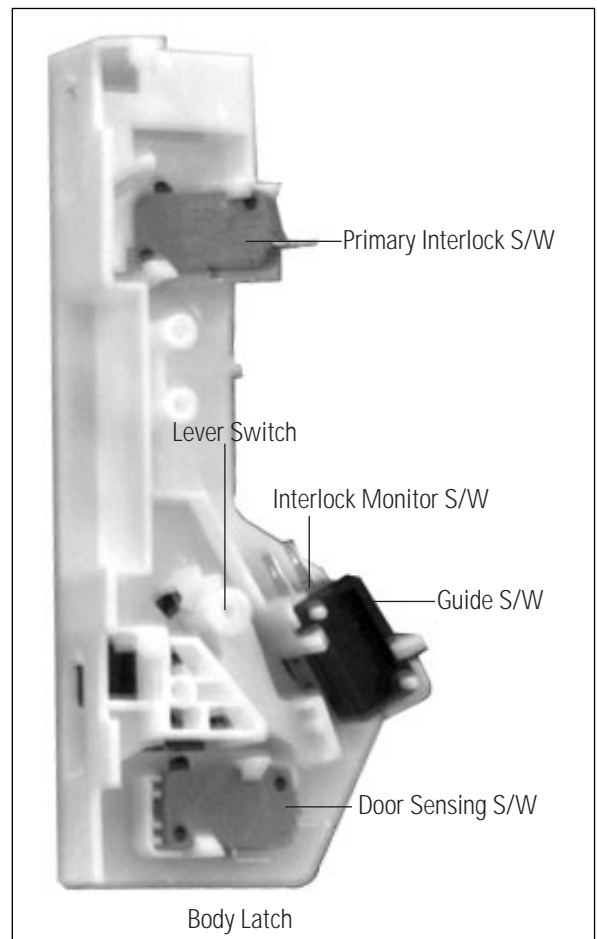
1. Disconnect all lead wires from the interlock monitor switch and the door sensing switch.
2. Push up the mounting tabs.
3. Make necessary adjustments Do the microwave emission check according to "ALIGNMENT AND ADJUSTMENTS" on page 5-2(whenever they any repaired or replaced).

## 4-9 Replacement of Primay Interlock Switch

1. Disconnect all lead wires from the primary interlock switch.
2. Push up the mounting tabs which support the primary interlock switch.
3. Make necessary adjustments and microwave emission check according to "ALIGNMENT AND ADJUSTMENTS" on page 5-2(whenever they are repaired or replaced).

### Interlock Switch Replacement

When replacing defective switches, be sure to check that the pointing tabs are not bent or broken.

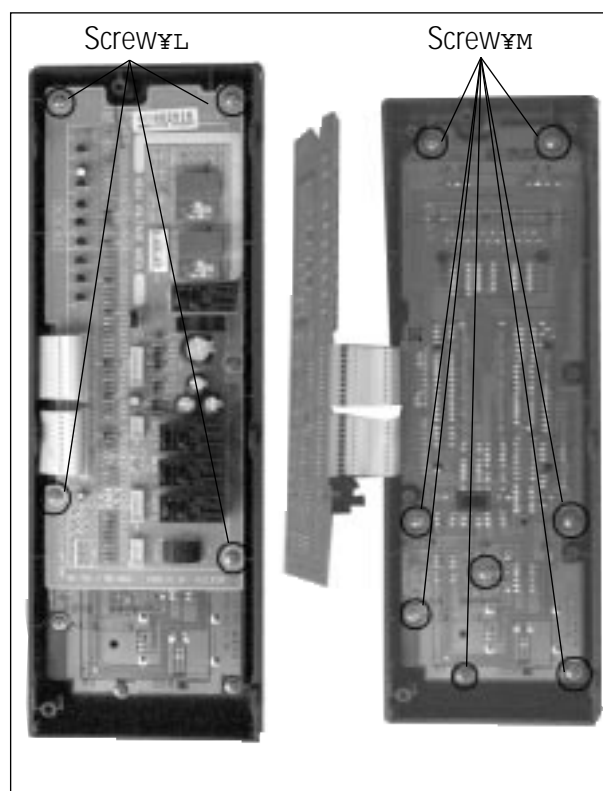


## 4-10 Replacement of Fuse

1. Disconnect the oven from the power source.
2. Remove the 10A fuse from the fuse holder.
3. When replacing the 10A fuse, use an exact replacement and check the primary interlock, door sensing and interlock monitor switches.
4. When the above switches operate properly, check that the control circuit transformer is not defective.

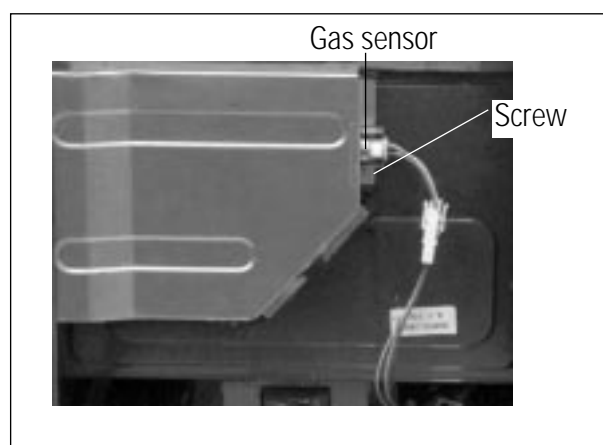
## 4-11 Replacement of Control Circuit Board

1. Be sure to discharge any static electricity from your body, and avoid touching the "Touch control" circuitry.
2. Disconnect the connectors from the control circuit board.
3. Remove screws ㉔L and ㉔M securing the control circuit board.
4. Lift up the control circuit board from right side and remove the hooks holding the control circuit board to the box assembly.



## 4-12 Replacement of Gas Sensor

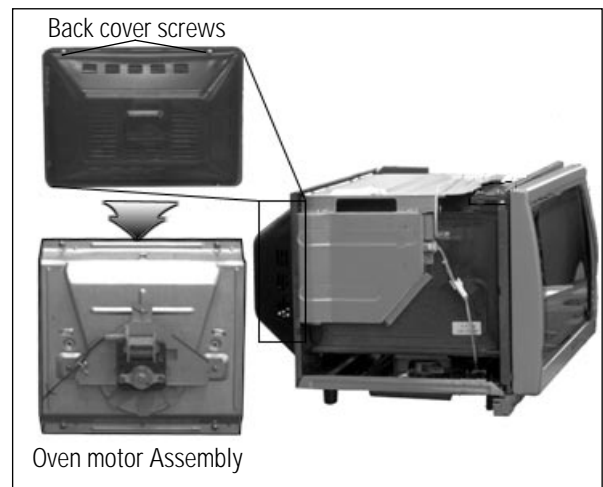
1. Disconnect all lead wires from the gas sensor.
2. Remove screws securing the air guide.



### 4-13 Replacement of Back cover and Oven motor assembly

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1. Remove two screw from the back cover.
2. Disconnect all lead wires from the oven motor.
3. Remove form screw form the oven motor assembly.
4. Adjustment or exchange.
5. Reconnect all the lead wires.



### 4-14 Replacement of Sensor Thermister

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1. Remove screw(1) securing the sensor thermister.
2. Disconnect all lead wires from the mian wire.

