

DOOR REPLACEMENTDOOR ASSEMBLY REMOVAL

1. Disconnect the power supply cord.
2. Open the door and block it open.
3. To discharge the high voltage capacitor, wait for 60 seconds.
4. Remove the three (3) screws holding the hood exhaust louver to the oven cavity front face plate.
5. Remove the hood exhaust louver from the oven cavity by pushing the right and left tabs of the hood exhaust louver. (Refer to the procedure of "HOOD EXHAUST LOUVER REMOVAL".)
6. Insert a putty knife (thickness of about 0.5mm) into the gap A between the door stopper and the choke cover as shown in Figure C-3 to free engaging parts.
7. Lift up the door stopper.
8. Now, the door stopper is free from the door assembly.
9. Lift up the door assembly to release the upper and lower door hinge pins from the upper and lower oven hinges.
10. Now, the door assembly is free.

Note: When the individual parts are replaced, refer to "Door Disassembly".

DOOR ASSEMBLY RE-INSTALL

1. On re-installing door, insert the lower oven hinge to lower door hinge pin.
2. Insert the upper oven hinge to the upper door hinge pin.
3. Shut the door (close the contacts of interlock switches).
4. Make sure upper and lower oven hinges are inserted into the upper and lower door hinge pins.
5. Make sure the door is parallel with oven face lines (left and upper side lines) and door latch heads pass through latch holes correctly.
6. Re-install the door stopper to the door assembly.
7. Re-install the hood exhaust louver to the oven cavity front face plate with the three (3) screws.

Note: After any service to the door;

- (A) Make sure that door sensing switch and primary 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 servicing, 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. Re-install outer case and 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.

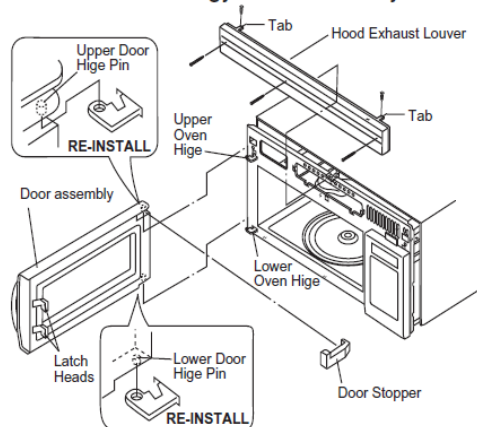


Figure C-2. Door Replacement and adjustment

DOOR DISASSEMBLY

1. Disconnect the power supply cord.
2. Open the door and block it open.
3. To discharge the high voltage capacitor, wait for 60 seconds.
4. Remove the three (3) screws holding the hood exhaust louver to the oven cavity front face plate.
5. Remove the hood exhaust louver from the oven cavity by pushing the right and left tabs of the hood exhaust louver. (Refer to the procedure of "HOOD EXHAUST LOUVER REMOVAL".)
6. Remove door assembly, referring to "DOOR REPLACEMENT".
Replacement of door components are as follows:
7. Place door assembly on a soft cloth with latches facing up.

Note: As the engaging part of choke cover and door frame are provided at 15 places, do not force any particular part.

CHOKE COVER

8. Insert a putty knife (thickness of about 0.5mm) into the gap A between the choke cover and door stopper and between the choke cover and the door frame as shown Figure C-3 to free engaging parts.
9. Pry the choke cover by inserting a putty knife in order shown in Figure C-3.
10. Now choke cover is free from door panel and door frame.

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.

DOOR FRAME ASSEMBLY

11. Remove two (2) screws holding the door panel to the door frame assembly.
12. Release the door panel from the door frame assembly.
NOTE: It is easier to release the engaging parts of the upper or lower door hinge pin side at first.
13. Now, door frame assembly is free.

LATCH SPRING, LATCH HEAD AND DOOR PANEL

14. Release the latch spring from the tab of the latch head and tab of the door frame.
15. Release the latch head from the door frame.
16. Now, the latch spring and latch head are free.

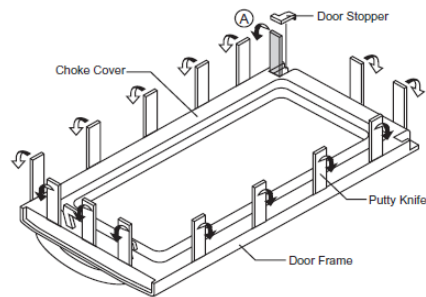


Figure C-3. Door Disassembly