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# LG MS-87SJU Owner's Manual

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# INSTALLATION GUIDE

## REQUIREMENTS FOR INSTALLATION

**CHECKING THE CABINET:** The bottom shelf of your cabinet must be strong enough to support an additional weight of 90 lbs. Please note, this weight is in addition to the normal contents of the cabinet as well as any other objects hung from the bottom of the cabinet. To check the strength of your cabinet, we recommend you fill some plastic milk jugs with sand(5 gallons of water) and gradually place them on the bottom shelf.

As you add each jug, inspect the cabinet for any damage(ie., separation of joints, splitting or cracking of the cabinet, etc). If you see any damage, you should not attach your microwave oven under the cabinet.

**THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY DAMAGE TO YOUR CABINET.**

### \*\*\* CHECK POINT \*\*\*

1. Check for rotted wood and other weaknesses.
2. Check the number of screws used to install your cabinet. If your cabinet is attached to the wall with only two screws at the top then you should add two screws at the bottom in order to firmly secure your cabinet to the wall(please make certain the screws penetrate the wall studs by at least 1/2").
3. Check the thickness of your cabinet's bottom shelf (It should be at least 3/16" thick).

### \*\*\* CAUTIONS \*\*\*

- Do not install the oven over a range, cooktop, or any other heat producing appliance.
- It is required the electrical outlet be a standard 120 volt with at least 15 amps.
- See use & care guide for complete electrical requirements.
- Do not mount the oven while the plug is connected to an electrical outlet.

### \*\*\* TOOLS REQUIRED \*\*\*

- Drill & Drill Bit(1/2 )
- Center Punch
- Hammer
- Phillips Screwdriver
- Tape Measure
- 12" of Tape

### \*\*\* PARTS LIST (INCLUDED) \*\*\*

- Mounting Screws(1-3/8" length): 4
- Mounting Holders: 2
- Mounting Screws(2-3/8" length): 4
- 1/4" Spacers: 8
- Template.

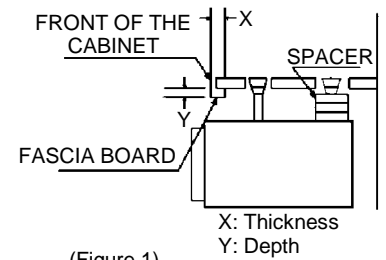
## INSTALLATION PROCEDURE

1. Remove contents from the bottom of your cabinet.
2. Location of template: Select the proper location on the bottom of your cabinet for mounting your microwave oven. See attached template instruction.
3. Use center punch or nail to mark the location of the mounting holes on the template. Then remove the template.
4. Drill 4 holes through the cabinet at the marked locations using your 1/2" drill bit.
5. Remove 4 plugs from top of cabinet. If you are not using a microwave oven, replace if oven is to be used later.
6. Select the 4 short(1-3/8") mounting screws and insert them into the holes.
7. The spacers, which are included in the kit, are used to hold the microwave oven so that you can mount your oven firmly. See table 1 below.

Y	Spacer No.
0 to 1/2"	0 to 2 Each
1/2" to 3/4"	2 to 3 Each
3/4" to 1"	3 to 4 Each

## MOUNTING THE OVEN

1. Lift the microwave oven so the mounting holes are aligned with the screws. To hold the microwave oven secure, use a support material(such as a book) under the microwave oven (see figure 2). Insert the mounting holders and screws (see figure 2).
2. Slowly tighten the 4 screws evenly until the microwave oven is secured.



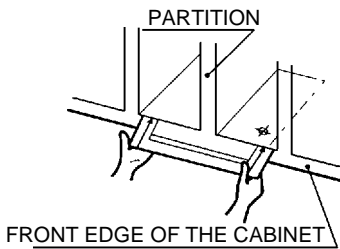
(Figure 1)

# TEMPLATE INSTRUCTIONS

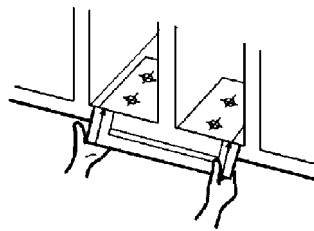
## Option A: Drilling from Inside Cabinet

If you can not drill from the inside of your cabinet, see Option B for drilling instructions.

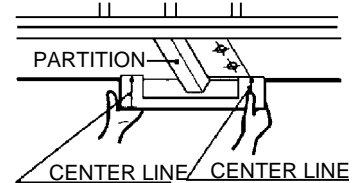
1. Place the Template inside the cabinet so that the front line of the Template will be aligned with the front edge of the cabinet. If necessary, cut some areas of the Template in order to make it fit properly within your cabinet.
2. If the cabinet has a partition, please do the following:
  - a. Cut Template B from Template A along the dotted line.
  - b. Cut Template A into two pieces to fit each side of the partition.
  - c. Position one piece of Template A inside the cabinet making certain the front line of Template A is aligned with the front edge of the cabinet.
  - d. Position Template B in front of the cabinet so that the arrow, on Template B, is aligned with the hole center line in Template A (See figure A).
  - e. Position the other part of Template A inside the cabinet so that the hole center line aligns with the arrow on Template B (See figure B). If you have followed the instructions properly, the distance between the right and left hole center lines can be determined from figure E.



(Figure A)



(Figure B)



(Figure C)

Models	Center to Center
MMC5086 ACM0860	14"
UMC1061	12-7/8"

(Figure E)

## Option B: Drilling from the Outside

1. Tape the Template to the bottom of the cabinet. The front line of the Template will be aligned with the front edge of the cabinet. If necessary, cut some areas of the Template in order to make it fit properly underneath your cabinet.
2. If the cabinet has a fascia board, remove the fascia board and select a line that indicates the hole center line (See figure D). Fold Template B along the dotted line and position it flat against the cabinet bottom.
3. If the cabinet has a partition, please do the following:
  - a. Cut Template as in Option A, N
  - b. Position one piece of Template A inside the cabinet making certain the front line of Template A is properly aligned with the fascia board.
  - c. Position Template B towards the cabinet bottom so that the arrow, on Template B, is aligned with the hole center line in Template A (See figure C).
  - d. Position the other part of Template A inside the cabinet so that the hole center line aligns with the arrow on Template B (See figure D). If you have followed the instructions properly, the distance between the right and left hole center lines can be determined from figure E.