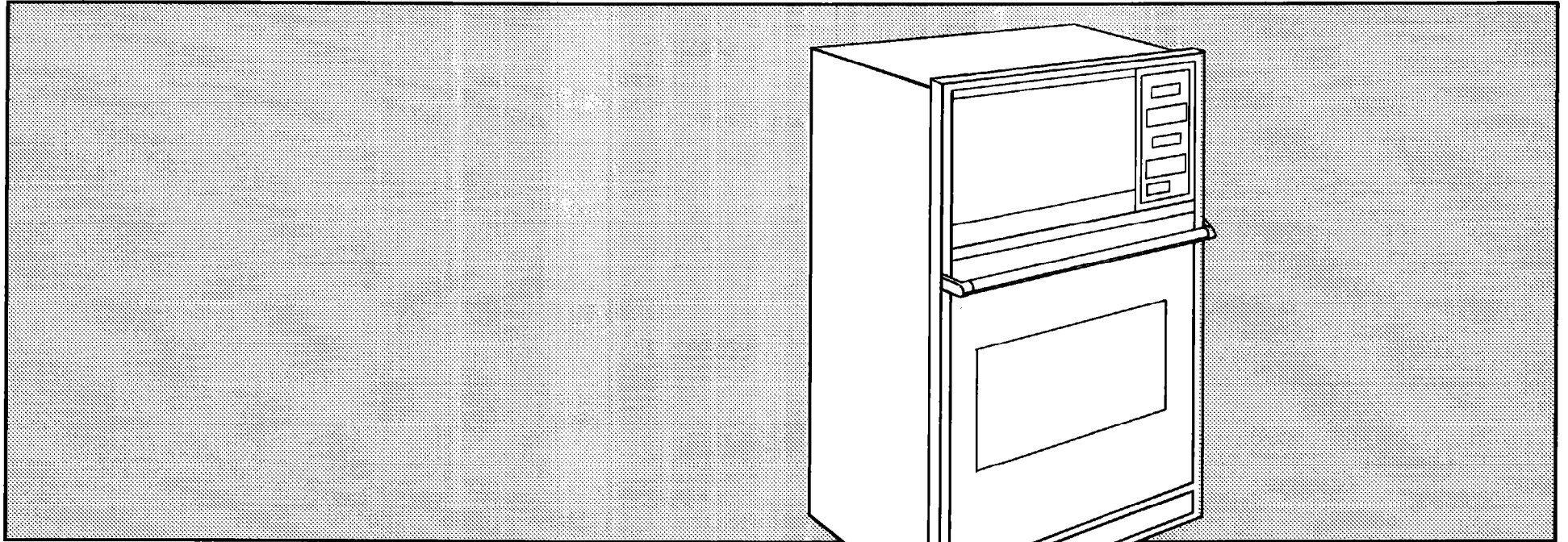


Installation Instructions



Part No. 3184431 Rev. C

IMPORTANT:
Read and save
these instructions.

**30" Electric Built-in
Combination
Microwave Oven and
Thermal Oven**

IMPORTANT:

Installer: Leave Installation Instructions with the homeowner.

Homeowner: Keep Installation Instructions for future reference.

Save Installation Instructions for local electrical inspector's use.

Before you start...

Read the electrical and carpentry instructions.

Proper installation is your responsibility. A qualified technician should install this oven. Make sure you have everything necessary for correct installation. It is the responsibility of the installer to comply with the installation clearances specified on the serial/rating plate. The serial/rating plate can be found behind the oven door on the front frame.

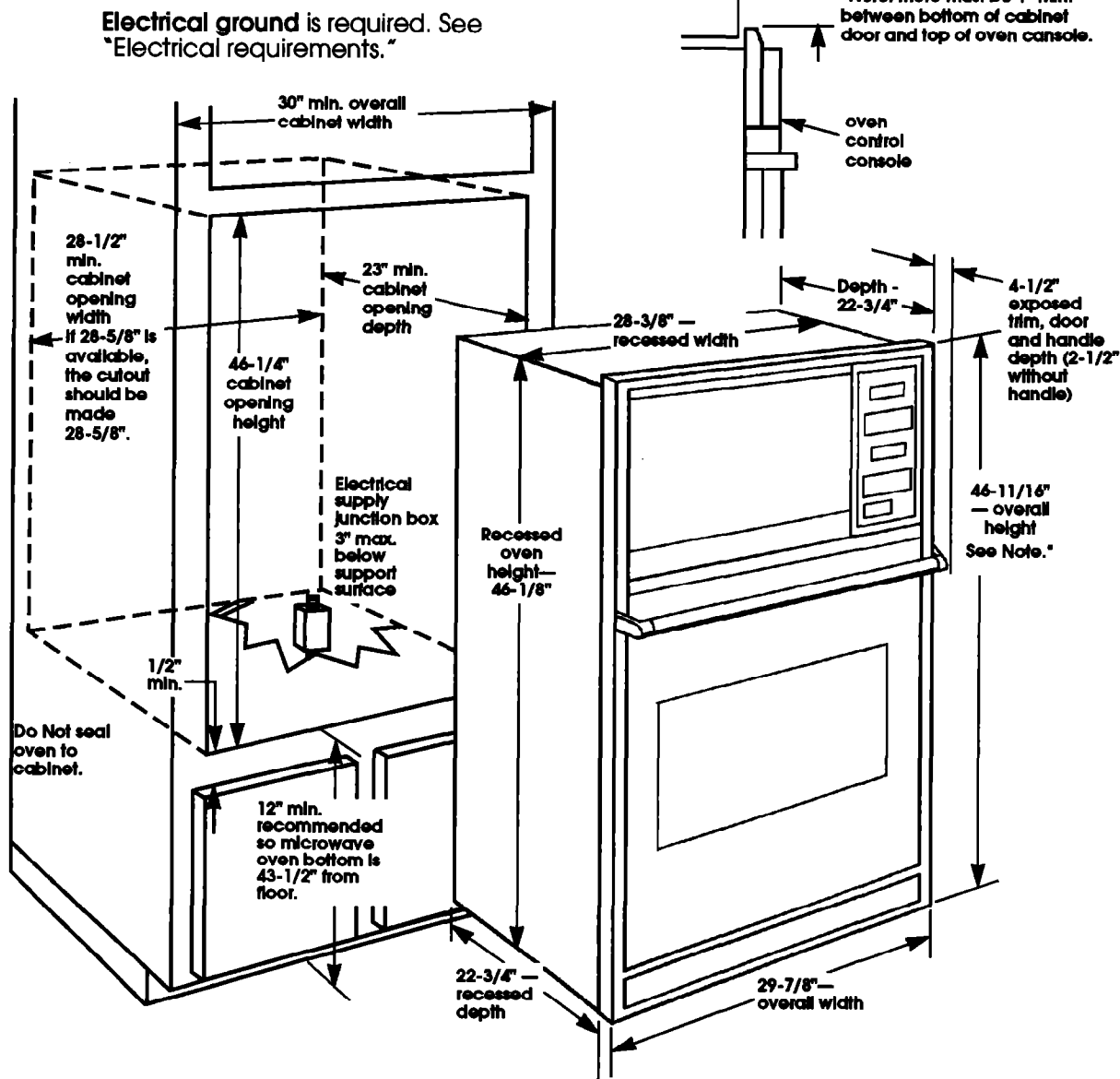
Check location where the built-in oven will be installed. The location should be away from strong draft areas, such as windows, doors, and strong heating vents. The built-in oven should be located for convenient use in the kitchen.

Remove all packaging material from microwave oven cavity. Check microwave oven area for damage — see WARNING below. If any damage is evident, do not operate until microwave oven is checked by an authorized service technician.

Cabinet opening dimensions that are shown must be used. Given dimensions provide minimum clearance.

The recessed installation area must provide complete enclosure around the recessed portion of the oven.

ALL OPENINGS IN THE WALL OR FLOOR WHERE THE BUILT-IN OVEN IS TO BE INSTALLED MUST BE SEALED.

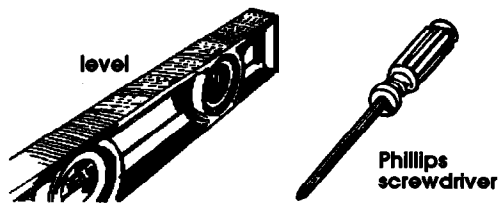


Important: Observe all governing codes ordinances.

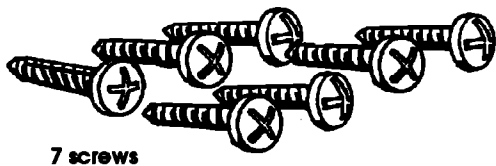
NOTE:

The oven support surface must be level and flush with the bottom of the cabinet cutout.

Tools needed for installation:



Parts supplied for installation:



Electrical requirements

WARNING

Electrical Shock Hazard

- Electrical ground is required on this appliance.
- Do Not ground to a gas pipe.
- Do Not have a fuse in the neutral or grounding circuit. A fuse in the neutral or grounding circuit could result in an electrical shock.
- Check with a qualified electrician if you are in doubt as to whether the appliance is properly grounded.

Failure to follow these instructions could result in serious injury or death.

If codes permit and a separate grounding wire is used, it is recommended that a qualified electrician determine that the grounding path is adequate.

IMPORTANT:
Save Installation Instructions for the local electrical inspector's use.

WARNING

Excessive Microwave Energy Exposure

- Do Not attempt to operate the microwave oven with the door open.
- Do Not tamper with or defeat the safety interlocks.
- Do Not place objects between the microwave oven front face and door.
- Do Not allow soil or cleaner residue to accumulate on sealing surface of the microwave oven door.
- Do Not operate the microwave oven if damaged.
- Do Not operate the microwave oven if:
 - door is bent.
 - hinges and latches are broken or loose.
 - door seals, sealing surfaces or glass are broken.

The microwave oven door must close properly to provide safe operation.

- Only have a qualified repair person adjust, repair and check microwave oven for microwave leakage after a repair is made.
- Do Not use microwave for commercial purposes. The microwave oven in this unit is designed for household use only.

Failure to follow these instructions could result in exposure to excessive microwave energy.

WARNING

Electrical Shock Hazard

It is the customer's responsibility:

- To contact a qualified electrical installer.
- To assure that the electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70 — latest edition*, and all local codes and ordinances.

Failure to do so could result in fire, electrical shock or other personal injury.

Personal Injury Hazard

Securely fasten oven to cabinet using the 4 screws provided.

Failure to do so could cause the oven to move or tip during use and result in personal injury.

CAUTION

Cabinet Damage

Do Not block the oven vent. Blocking the oven vent may cause damage and poor baking performance.

Mobile home installation

The installation of this oven must conform to the Manufactured Home Construction and Safety Standards, Title 24 CFR, Part 3280 (formerly the Federal Standard for Mobile Home Construction and Safety, Title 24, HUD Part 280) or when such standard is not applicable, the Standard for Manufactured Home Installation 1982 (Manufactured Home Sites, Communities and Setups), ANSI Z225.1-1984, or latest edition, or with local codes. A four-wire, power supply cord must be used in a mobile home installation. The appliance wiring will need to be revised. See "Electrical requirements," Figure 3, Panel B.

Copies of the standards listed may be obtained from:

*National Fire Protection Association
Batterymarch Park
Quincy, Massachusetts 02269

A. A three-wire or four-wire, single phase, 120/240-volt, 60-Hz, AC-only electrical supply (or three-wire or four-wire 120/208-volt if specified on the serial/rating plate) is required on a separate, 40-ampere circuit, fused in both sides of the line. Time-delay fuse or circuit breaker is recommended. The fuse size must not exceed the circuit rating of the appliance specified on the serial/rating plate. The serial/rating plate is located behind the oven door on the front frame.

B. OVEN MUST BE CONNECTED WITH COPPER WIRE ONLY.

C. Wire sizes and connections must conform to the requirements of the National Electrical Code, ANSI/NFPA 70 — latest edition*, and all local codes and ordinances. Wire sizes and connections must conform with the rating of the appliance.

Copies of the standards listed may be obtained from:

*National Fire Protection Association
Batterymarch Park
Quincy, Massachusetts 02269

D. This appliance should be connected directly to the fused disconnect (or circuit breaker box) through flexible, armored or non-metallic sheathed, copper cable (with grounding wire). The flexible armored cable from the appliance should be connected directly to the junction box.

E. Locate the junction box to allow as much slack in the cable as possible between the junction box and the appliance so that the oven can be moved if servicing is ever necessary. **Do Not cut the conduit.**

F. A U.L.-listed conduit connector **must** be provided at the junction box.

G. A wiring diagram is included in the Tech Sheet. The Tech Sheet is located behind the control panel.

Electrical connection

! WARNING

Electrical Shock Hazard

- Electrical ground is required on this appliance.
- Do Not connect to the electrical supply until appliance is permanently grounded.
- Disconnect power to the junction box before making the electrical connection.
- This appliance must be connected to a grounded, metallic, permanent wiring system, or a grounding connector should be connected to the grounding terminal or wire lead on the appliance. Failure to do so could result in a fire, personal injury or electrical shock.

This appliance is manufactured with white (neutral) power supply wire and a cabinet-connected green grounding wire twisted together.

Connect the appliance cable to the junction box through the U.L.-listed conduit connector. Complete electrical connection according to local codes and ordinances.

A. Where local codes permit...

connecting of the cabinet-grounding conductor to the neutral (white) junction box wire:

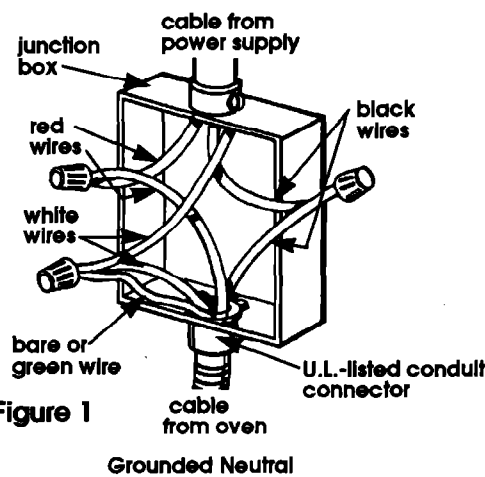


Figure 1

1. Disconnect the power supply.
2. Remove the terminal block cover.
3. Connect together 3 wires: green and white appliance cable wires and the neutral (white) wire in junction box.
4. Connect the two black wires together; then connect the two red wires together with wire connectors. See Figure 1.

B. Where local codes Do Not permit...

connecting the cabinet-grounding conductor to the neutral (white) junction box wire:

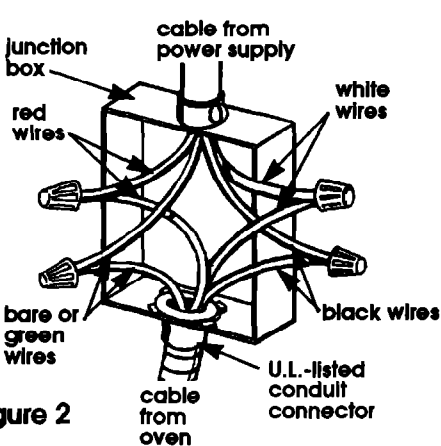


Figure 2

1. Disconnect power supply.
2. Separate the green and white appliance cable wires.
3. Connect the white appliance cable wire to the neutral (white) wire in the junction box.
4. Connect the two black wires together; then connect the two red wires together with wire connectors. See Figure 2.
5. Connect the green or bare grounding wire from the appliance cable to a grounded wire in the junction box.

C. If connecting to a four-wire electrical system...

Do Not connect the cabinet-grounding conductor to the neutral (white) junction box wire.

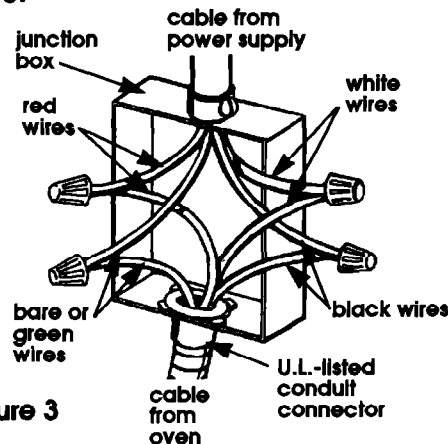


Figure 3

1. Disconnect the power supply.
2. Separate the green (or bare) and white appliance cable wires.
3. Connect the white appliance cable wire to the neutral (white) wire in the junction box.
4. Connect the two black wires together; then connect the two red wires together with wire connectors. See Figure 3.
5. Connect the green appliance cable wire to the green grounding wire in the junction box.

Now start...

With oven in kitchen.

1. Remove shipping materials, tape, and protective film from oven. **Do Not remove shipping base at this time.**

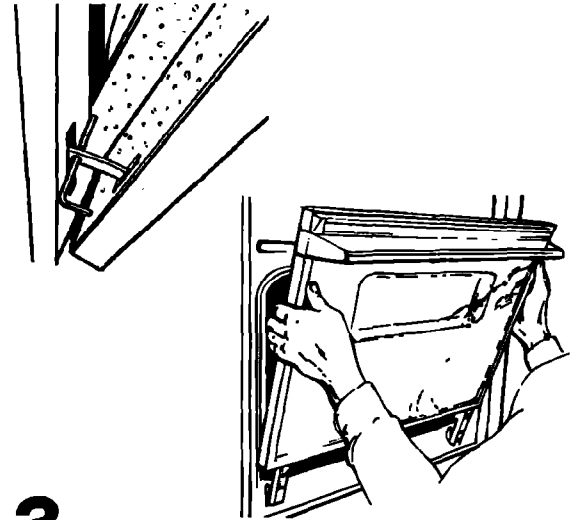
2. Remove the racks and other parts from inside the oven. Remove the air grille taped to the top or side of oven.

! WARNING

Personal Injury Hazard

- Use both hands to remove oven doors.
- Grasp only the sides of oven doors.
- Do Not use handle or any portion of the front frame or trim for lifting.
- Because of the weight and size of the ovens, two or more people are needed to move and safely install the ovens.

Failure to properly grasp the oven doors or to lift ovens properly could result in damage to the product or personal injury.



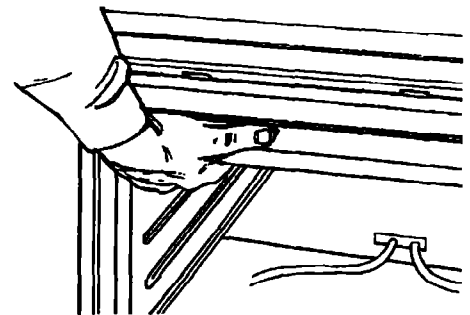
3. Insert a nail (or equivalent, 5/32" diameter item) into the hole in each of the hinges. Close the door as far as possible. Lift the oven door off of the hinges. Set aside.

! CAUTION

Floor Damage

Before moving ovens across floor, check that ovens are on shipping base or slide ovens onto cardboard or hardboard. Failure to follow these instructions may result in damage to floor covering.

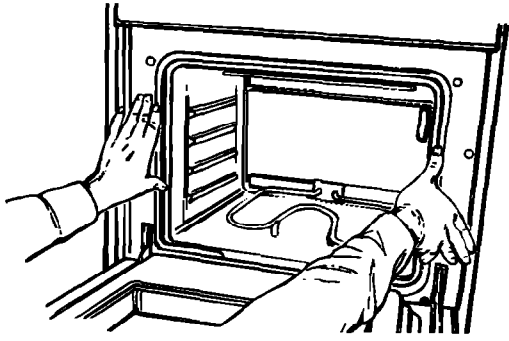
4. Disconnect power supply. Move oven close to final position. Remove and discard shipping base, cardboard or hardboard. Feed appliance cable through the opening in cabinet. Make electrical connection. See "Electrical requirements" and "Electrical connection" sections, Panels A and B.



5. Lift oven up into cabinet cutout using the oven opening as an area to grip.

CAUTION

Product Damage
Carefully push against the seal area of the oven front frame when pushing the oven into the cabinet.
Do Not push against outside edges.
Failure to follow these instructions can result in damage to oven finish.

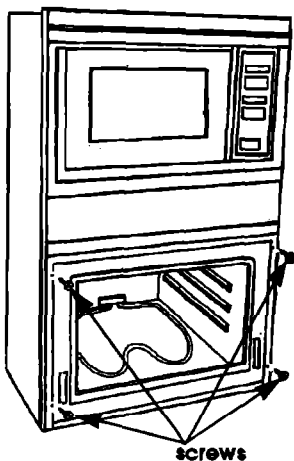


Push against seal area of front frame to push oven into cabinet.

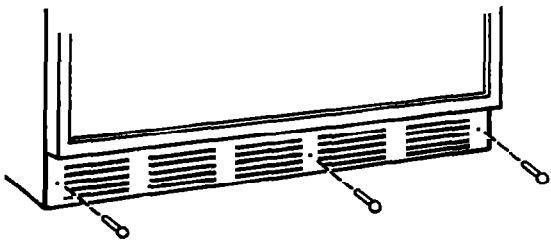
WARNING

Personal Injury/Product Damage Hazard

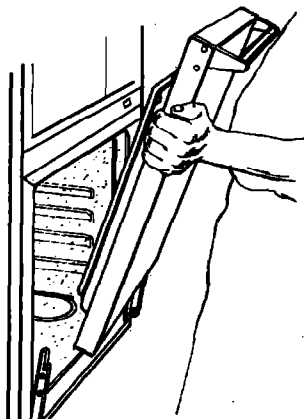
Securely fasten oven to cabinet using the four screws provided.
Failure to do so could cause the oven to move or tip during use and result in personal injury or product damage.



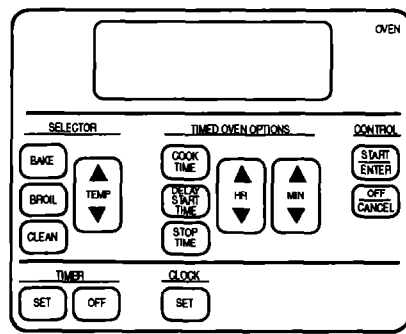
6. Center oven into cabinet cutout. Use four screws through the mounting holes in the front frame of the oven to secure the oven to the cabinet. Do Not overtighten screws.



7. Put the air grille in place below the oven opening, making sure that the louvers in the air grille point down, the flange is at the bottom, and the mounting holes are at the top. Slide the air grille into position and attach it to the oven cabinet with the three, black or chrome, metal screws provided.



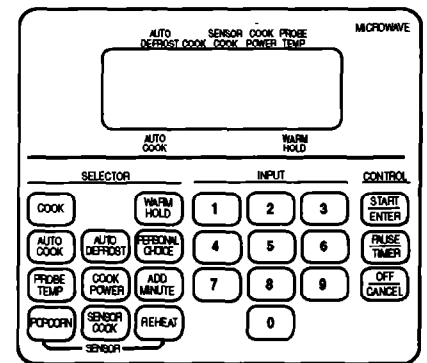
8. Replace the oven racks. Replace the oven door by fitting both corners of the door over the ends of the hinges. Remove the nails from the hinges. Close the oven door. If the door does not close, you have not pushed the door completely onto the hinges.



9. Turn on the power supply. "PF" should appear in the oven temperature display and "888:88" should appear in the microwave display. To set the time of day, press the "CLOCK/SET" pad. "TIME, HR, and MIN" will light in the display. Either "00:00" or a time will appear and ":" will be flashing. Press the "HR" and "MIN" arrows to set the clock to the correct time of day. Press the "START/ENTER" pad to start the clock.

10. Check the operation of the oven. Press the "BAKE" pad. "350°" will appear in the display. Press the "START/ENTER" pad to start the bake operation. In 1-2 minutes, the bottom element should glow red. The upper element should become hot, but not glow red. Press the "OFF/CANCEL" pad.

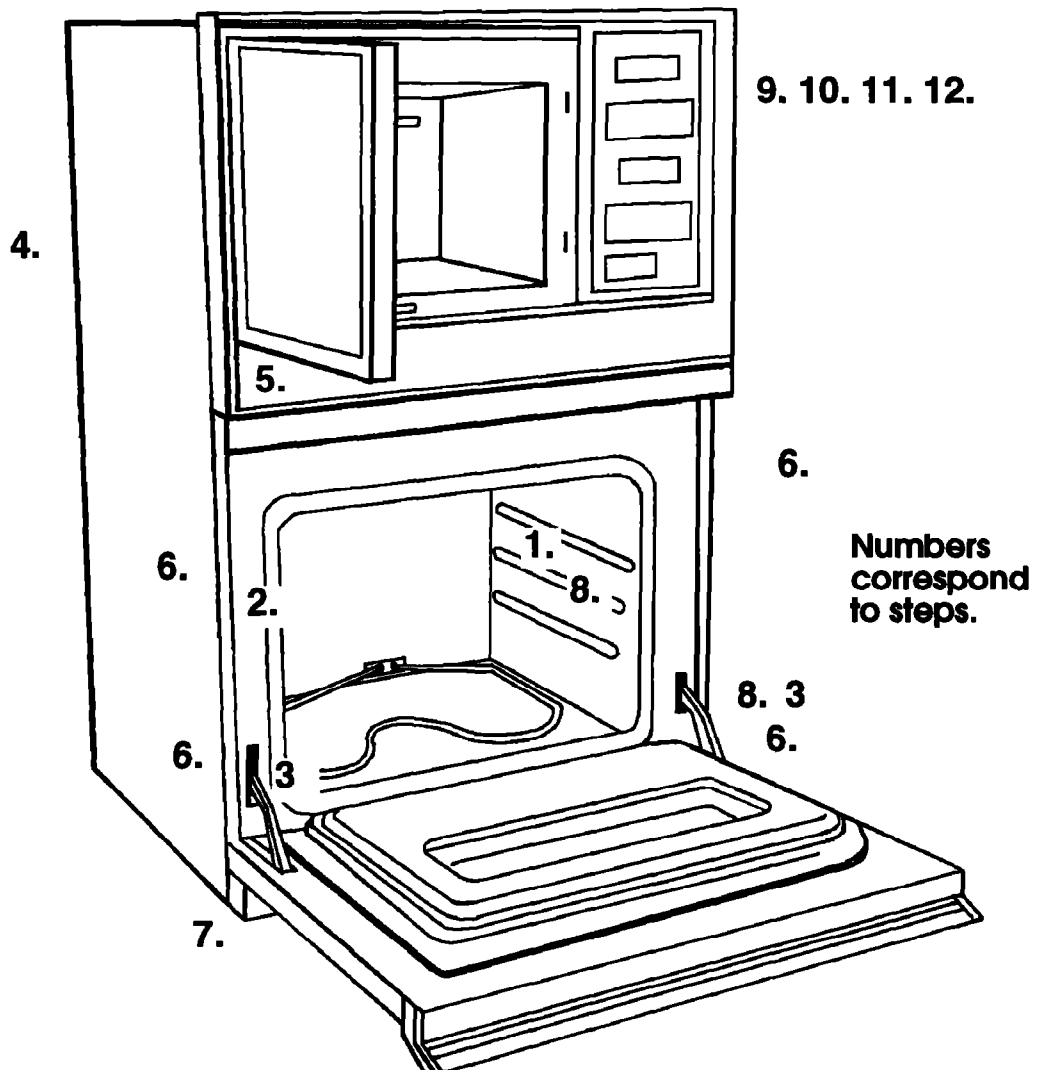
11. Check the operation of the oven broil element. Press the "BROIL" pad. "500°" will appear in the display. Press the "START/ENTER" pad to start the broil operation. In 1-2 minutes, the upper element should glow red. Press the "OFF/CANCEL" pad.



12. Check the operation of the microwave oven.

- Fill a microwave-safe container with one cup (250ml) of water and place container inside microwave oven. Close door firmly.
- Set microwave oven cook time to "2:00" minutes.
- Press the "START/ENTER" pad. The interior microwave oven light should be on and the remaining cooking time should be displayed.
- When display reads "1:00," open microwave oven door. The microwave should stop cooking.
- Close door firmly. The interior microwave oven light should turn off.
- Press the "START/ENTER" pad. Microwave oven should begin cooking and the microwave oven interior light should be on.
- Let microwave oven complete cooking time. A tone will sound four times at end of cooking time and microwave oven will shut off.
- Open microwave oven door and carefully remove container. Water in container should be hot.

You have just finished installing your new oven. To get the most efficient use from your new oven, read your Use & Care Guide. Keep Installation Instructions and Guide close to oven for easy reference. The instructions will make reinstalling your oven in another home as easy as the first installation.



If the oven does not operate...

- Check that the circuit breaker is not tripped or the house fuse blown.
- See Use and Care Guide for troubleshooting checklist.

NOTE:

Refer to Use and Care Guide for operating instructions and cleaning instructions.

If you need assistance...

If you have questions about operating or maintaining your oven not covered in the Installation Instructions, call 1-800-253-1301. When you call, you will need the oven model number and serial number. Both numbers can be found on the serial/rating plate located behind the oven door on the front frame.

