

Installation Instructions

30" Built In Wall Oven

911, 41084, 41085, 41086, 41089, 41184, 41185, 41189, 41785, 41789, 41885, 41889, 47082, 47084, 47089, 47822, 47824, 47829, 49002, 49003, 49004, 49009, 49012, 49013, 49014, 49019, 49022, 49023, 49024, 49029, 49032, 49033, 49034, 49039

Questions? Contact our Website at: www.sears.com

Before you begin

Read these instructions carefully and completely

- **IMPORTANT**-Save these instructions for local inspector's use.
- **IMPORTANT**-Observe all governing codes and ordinances.

ATTENTION: INSTALLER

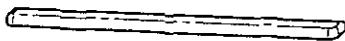
All electric wall ovens must be hard wired (direct wired) into an approved junction box. A "plug and receptacle" is not permitted on these products.

- **Note to Installer**- Be sure to leave these instructions with the consumer.
- **OWNER**- Keep these instructions for future reference.
- **NOTE**- This appliance must be properly grounded.

Parts Included

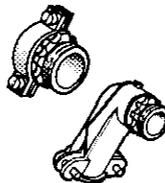


4 screws (single)
8 screws (double)

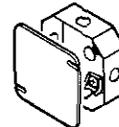


Bottom Trim

Materials Needed



Strain Relief
Clamp



Junction
Box



Wire Nuts

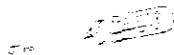


36" of String

Tools You Will Need



1/8" Drill Bit &
Electric or
Hand Drill



Phillips
Screwdriver

Installation Instructions

IMPORTANT SAFETY INSTRUCTIONS

For Your Safety

- Be sure your oven is installed properly by a qualified installer or service technician.
- Be sure the oven is securely installed in a cabinet that is firmly attached to the house structure. Weight on the oven door could cause the oven to tip and result in injury. Never allow anyone to climb, sit, stand or hang on the oven door.
- Make sure the cabinets and wall coverings around the oven can withstand the temperatures (up to 200°F.) generated by the oven.



CAUTION: The electrical power to the oven supply line must be shut off while line connections are being made. Failure to do so could result in serious injury or death.

Electrical Requirements

This appliance must be supplied with the proper voltage and frequency, and connected to an individual, properly grounded branch circuit, protected by a circuit breaker or fuse, having amperage as noted on rating plate. (Rating Plate is located on oven frame.)

We recommend you have the electrical wiring and hookup of your oven connected by a qualified electrician. After installation, have the electrician show you where your main range disconnect is located.

Check with your local utilities for electrical codes which apply in your area. Failure to wire your oven according to governing codes could result in a hazardous condition. If there are not local codes, your range must be wired and fused to meet the requirements of the National Electrical Code, ANSI/NFPA No. 70- Latest Edition. You can get a copy by writing:

National Fire Protection Association
Battery March Park
Quincy, MA 02269

Effective January 1, 1996, the National Electrical Code requires that new, but not existing, construction utilize a 4 conductor connection to an electric range. When installing an electric range in new construction, follow the instructions in the section on NEW CONSTRUCTION AND FOUR CONDUCTOR BRANCH CIRCUIT CONNECTION.

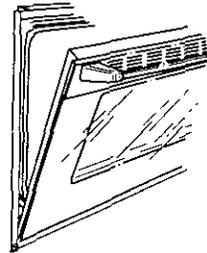
You must use a three-wire, single-phase A.C. 208Y/120 Volt or 240/120 Volt, 60 hertz electrical system. If you connect to aluminum wiring, properly installed connectors approved for use with aluminum wiring must be used.

Installation Instructions

✓ Pre-Installation Checklist

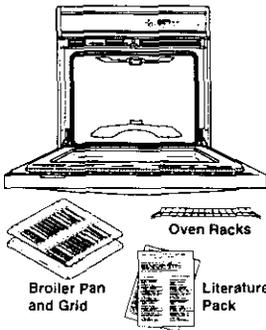
ALL INSTALLATION INFORMATION ON THE FOLLOWING PAGES ARE TO BE USED FOR **SINGLE AND DOUBLE OVEN** INSTALLATION!

- ✓ Open the door to the stop position.



DO NOT LIFT THE DOOR BY THE HANDLE!

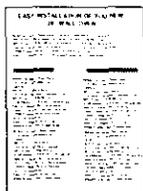
- ✓ Remove packaging materials. Check behind hinges, and under false bottom. Remove labels on door, plastic on trims and panel, and all tape around oven.



- ✓ Grasp the door on both sides and lift up and off the hinges.



- ✓ Open oven door and remove literature pack, broiler pan and grid, and oven racks.
- ✓ Remove Installation Instruction from literature pack and read them carefully before you begin. Be sure to place all literature, Use and Care, Installations, etc. in a safe place for future reference.

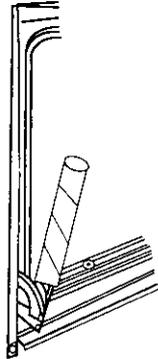


NOTE: The oven door is very heavy. Be sure you have a firm grip before lifting the oven door off the hinges. Use caution once the door is removed. Do not lay the door on its handle. This could cause dents or scratches

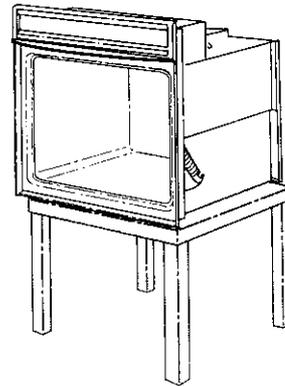
Installation Instructions

✓ Pre- Installation Checklist cont.

- ✓ Cover hinge with paper towel rolls or toweling.



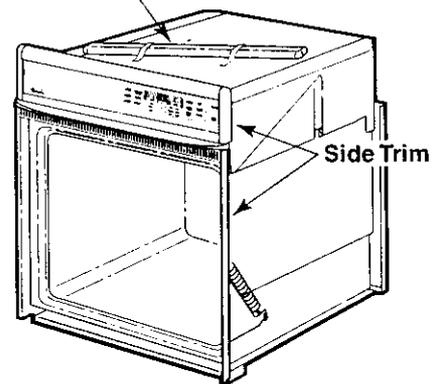
- ✓ Place the oven on a table or platform even with the cutout opening. (Platform must support 150 lbs. single, 275 lbs double.)



⚠ CAUTION: When the door is removed and the hinge arms are at the stop position, **DO NOT** bump or try to move the hinge arms. The hinges could snap back causing an injury to the hands. Cover the hinges with toweling or empty towel rolls while working in the oven area.

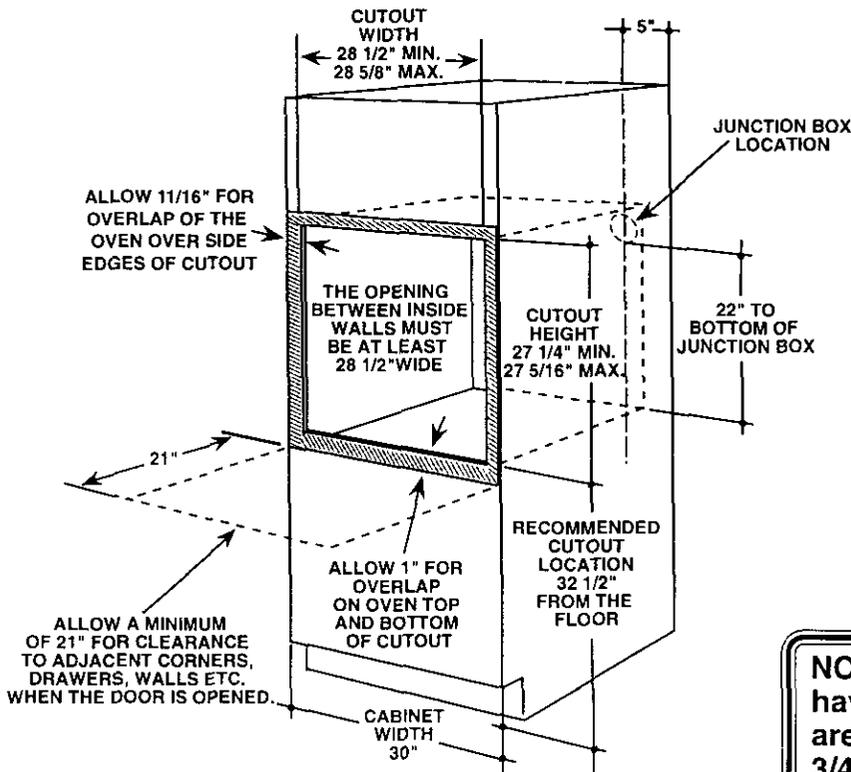
- ✓ Remove the bottom trim from the top of the oven. It will be installed at the end of installation. The trim is wrapped separately and taped to the top of the unit.

Bottom Trim Shipping Location



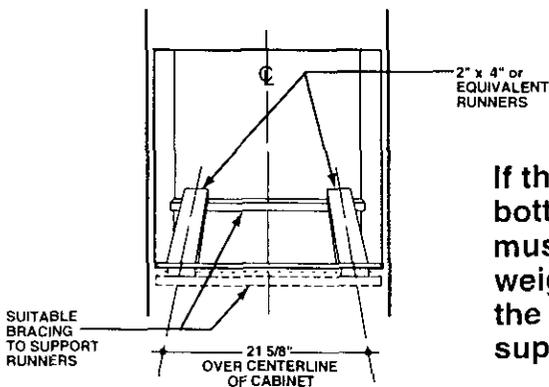
Installation Instructions

A1 Cutouts for Single Built-In-Oven



Cabinet Width	30"
Recommended Cutout Location from Floor	32 1/2"
Cutout Depth	23 1/2" Min.
Cutout Width	28 1/2" Min. 28 5/8" Max.
Cutout Height	27 1/4" Min. 27 5/16" Max.

NOTE: If the cabinet does not have a front frame and the sides are less than 3/4" thick, shim both sides equally to establish the cutout width.



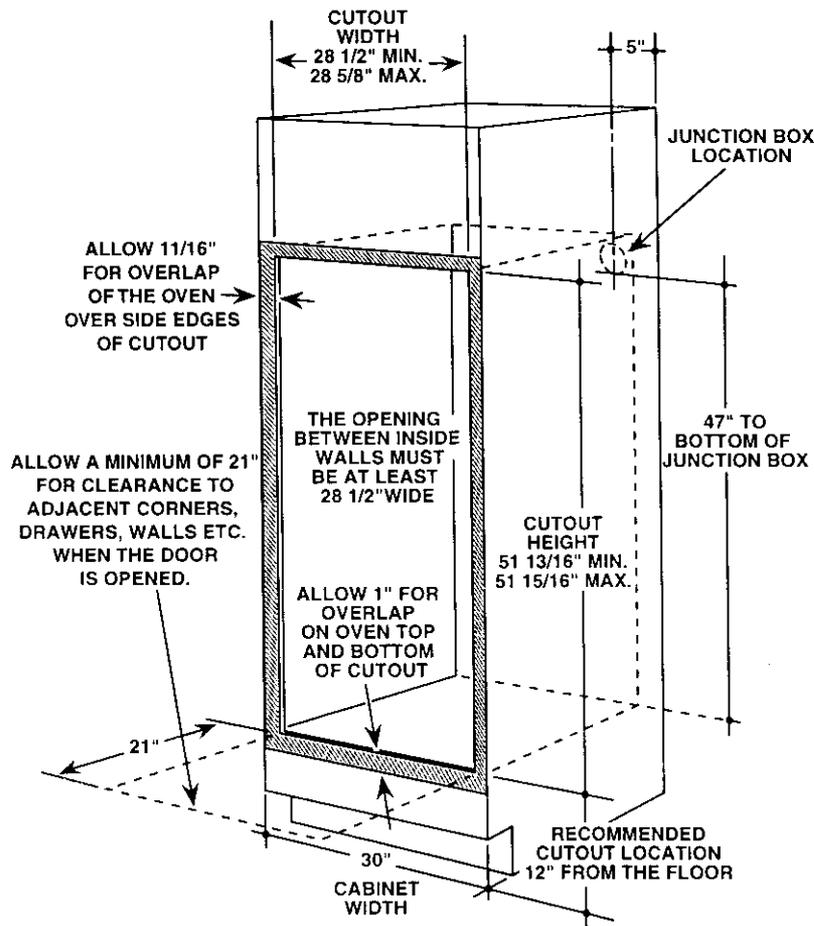
If the cabinet does not have a solid bottom, then two braces or runners must be installed to support the weight of the oven. For single ovens the runners and braces must support 150 pounds.

THIS OVEN IS NOT APPROVED FOR STACKABLE OR SIDE BY SIDE INSTALLATION

Installation Instructions

A2

Cutouts for Double Built-In-Oven



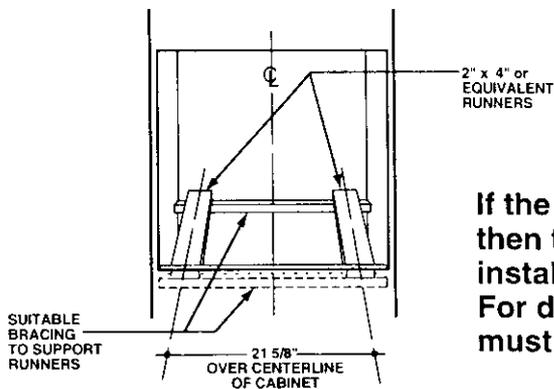
Cabinet Width 30"
 Recommended Cutout Location from Floor 12"

Cutout Depth 23 1/2" Min.

Cutout Wdth 28 1/2" Min.
 28 5/8" Max.

Cutout Height 51 13/16" Min.
 51 15/16" Max.

NOTE: If the cabinet does not have a front frame and the sides are less than 3/4" thick, shim both sides equally to establish the cutout width.



If the cabinet does not have a solid bottom, then two braces and runners must be installed to support the weight of the oven. For double ovens the runners and braces must support 275 pounds.

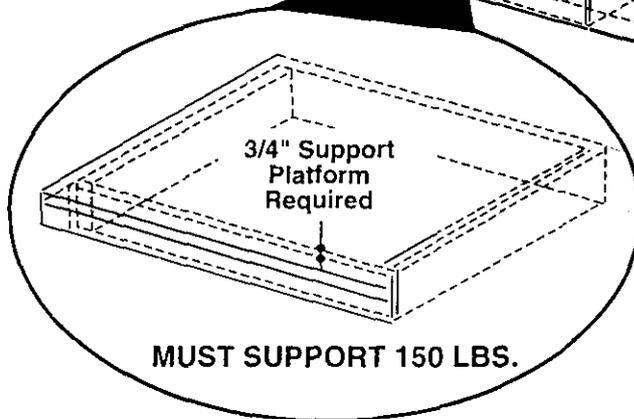
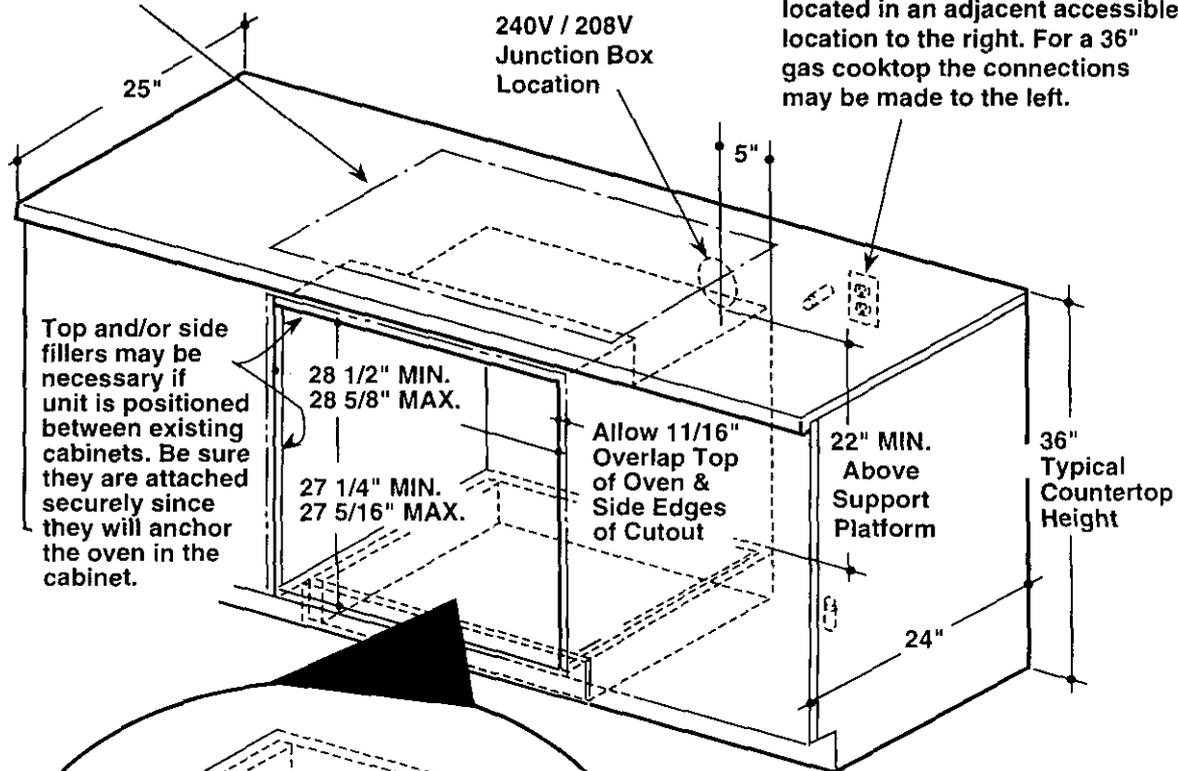
Installation Instructions

A3

Cutouts For Single Oven Under Counter

Gas or electric cooktops may be installed over this oven. See cooktop installation instructions for cutout size. See label on top of oven for approved cooktop models.

Gas and electrical connections for 30" gas cooktop must be located in an adjacent accessible location to the right. For a 36" gas cooktop the connections may be made to the left.



5 9/16" Reference dimension for maximum support height with typical 36" countertop height



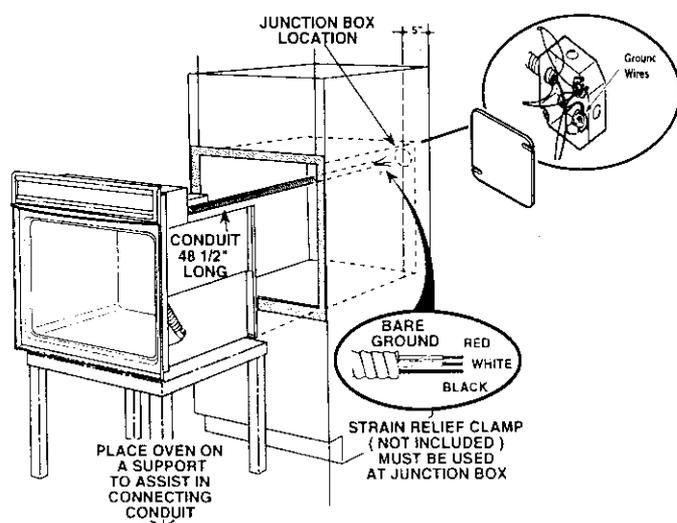
NOTE: This Oven is not approved to be installed under a Solid Disk, Induction or Downdraft Modular Cooktop.

Installation Instructions

B Electrical Connections

B1 Turn off the circuit breaker or remove fuses to the oven branch circuit.

B2 With the oven in front of the cabinet opening, on a table or platform, connect the flexible conduit to the electrical junction box as shown below. You will need to purchase a strain relief clamp to complete the connection of the conduit to the junction box.

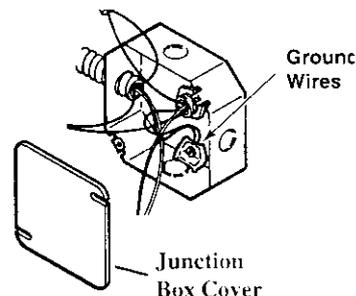


NEW CONSTRUCTION AND FOUR-CONDUCTOR BRANCH CIRCUIT CONNECTION

B3

- When installing in a new construction, or
- When installing oven in a mobile home, or
- When local codes do not permit grounding through neutral:

a. Cut the neutral (White) lead from the crimp. Re-strip the neutral (white) lead to expose the proper length of conductor.



b. Attach the appliance grounding lead (green or bare copper) in accordance with local codes. If the residence grounding conductor is aluminum, see WARNING note.

c. Connect the oven neutral (white) lead to the branch circuit neutral (white or gray) in accordance with local codes, using wire nut.

d. Connect the oven red lead to the branch circuit red lead and the oven black lead to the branch circuit black lead in accordance with local codes, using wire nuts. If the residence red, black or white leads are aluminum conductors, see "WARNING" note.

e. Install Junction Box Cover.

Installation Instructions

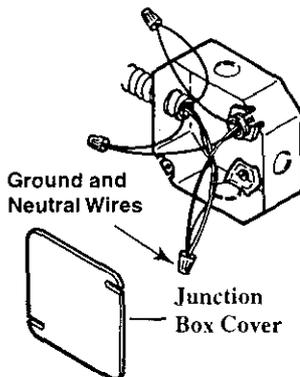
B Electrical Connections cont.

OR

THREE-CONDUCTOR BRANCH CIRCUIT CONNECTION

B3 When connecting to a 3-conductor branch circuit, if local codes permit:

- a. Connect the bare oven ground conductor with the crimped neutral (white) lead to the branch circuit neutral (white or gray in color), using wire nut.



- b. Connect the oven red lead to the branch circuit red lead, using wire nut.
- c. Connect the oven black lead to the branch circuit black lead in accordance with local codes, using wire nut.
- d. Install Junction Box Cover.

Do not shorten the flexible conduit. The conduit strain Relief Clamp must be securely attached to the junction box and the flexible conduit must be securely attached to the clamp. If the flexible conduit will not fit within the clamp, do not install the oven until a clamp of the proper size is obtained.

NOTE TO ELECTRICIAN: The 3 power leads supplied with this appliance are UL recognized for connection to larger gauge household wiring. The insulation of these 3 leads is rated at temperatures much higher than the temperature rating of household wiring. The current carrying capacity of the conductor is governed by the temperature rating of the insulation around the wire, rather than the wire gauge alone.



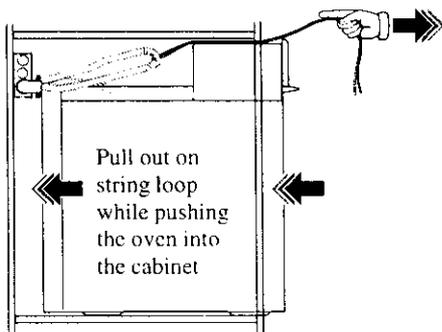
WARNING: Improper connection of aluminum house wiring to copper leads can result in an electrical hazard or fire. Use only connectors designed for joining copper to aluminum and follow the manufacturer's recommended procedure closely.

Installation Instructions

C Securing the Oven

C1 With the conduit connected, the oven is ready to be slid into the cutout opening.

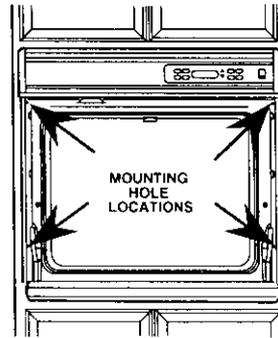
- a. Loop a 36" string around the conduit before the oven is slid into place. This will keep the conduit from falling behind the oven.



- b. Lift oven into cabinet cutout using the oven opening as an grip. Carefully push against oven front frame. Do not push against outside edges.
- c. As you slide the oven back, pull the string so that the conduit will lie on top of the oven in a natural loop.
- d. When you are sure the conduit is out of the way, slide the oven all the way back into the opening. Remove the string.

Note: Before drilling the pilot holes make sure the oven is pushed as far back into the opening as it will go and centered.

C2 Drill four-1/8" pilot holes through the mounting holes (top and bottom) of the side trim, for the four #8 screws provided. **Drill eight holes for the Double Oven.**



The screws must be a minimum of 1/4" from the front of the cutout.

NOTE: Mounting screws must be used. Failure to do so could result in the oven falling out of the cabinet causing serious injury.

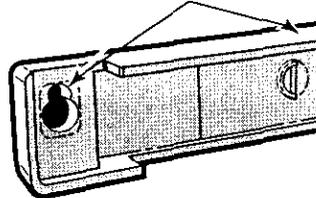
C3 Secure the oven to cabinet with screws provided.

Installation Instructions

D Installing the Bottom Trim

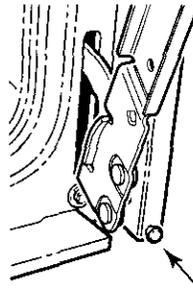
D1 Make sure the flat side is up on the bottom trim.

Key hole slot and wide flange at top



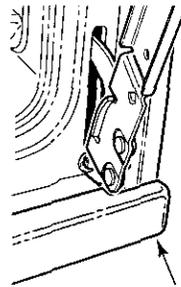
D2 Find the Key Slot on the back of the trim.

D3 Match the key slot with the rivet on the bottom of the side trim



Lower trim mounting rivet on bottom of side trim.

D4 Push the trim down until it snaps into place.



Push trim down at both ends until it snaps into place.

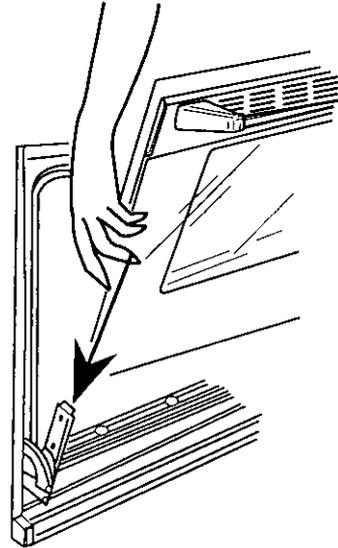


CAUTION: Be sure you do not tip the oven forward during installation or you may bend the bottom trim. The bottom trim provides an opening for cooling air to enter the cabinet. This opening should never be blocked.

Installation Instructions

E Replacing the Oven Door

- E1** Make sure the hinge is in the door stop position.
- E2** Remove the toweling or paper towel holder from the hinge.
- E3** Grasp the door on both sides.
- E4** Hold the door over the hinges lining up the hinges with the hinge slots on the bottom of the door.
- E5** Slide the door down onto the hinges as far as it will go.
- E6** Close the door.



The oven door is heavy. You may need help lifting the door high enough to slide it down onto the hinges. Do not lift the door by the handle.

Installation Instructions

Pre-Test Check List

- | | |
|--|---|
|  Remove all protective film if present, and any stickers. |  Check that the bottom trim is installed properly (see page 11). |
|  Check to be sure that all wiring is secure and not pinched or in contact with moving parts. |  Check to be sure the mounting screws are installed and flush with the side trim, (see page 10). |

Operation Checklist

- | | |
|---|--|
|  Remove all items from the inside of the oven. |  NOTE TO ELECTRICIAN:
The power leads supplied with this appliance are UL recognized for connections to larger gauge household wiring. The insulation of these leads is rated at temperatures much higher than the temperature rating of household wiring. The current carrying capacity of a conductor is governed by the wire gauge and also the temperature rating of the insulation around the wire.

NOTE: ALUMINUM WIRING
A. WARNING:
IMPROPER CONNECTION OF ALUMINUM HOUSE WIRING TO THE COPPER LEADS CAN RESULT IN A SERIOUS PROBLEM.
B. Splice copper wires to aluminum wiring using special connectors designed and UL approved for joining copper to aluminum and follow the manufacturer's recommended connector procedure closely. |
|  Turn on the power to the oven. (Refer to your Use and Care Manual.) Verify that the bake and broil units, and all cooking functions operate properly. | |
|  Check that the circuit breaker is not tripped or the house fuse is blown. | |
|  Check that conduit is securely connected to the junction box. | |
|  See Use & Care manual for troubleshooting list. | |

NOTE: Wire used, location and enclosure of splices, etc., must conform to good wiring practice and local codes.

