

Installation Instructions

Self Cleaning Radiant Electric Slide-In Range

JSP46, JSP56, JS966

“If you have questions, Call 800-GE-CARES or visit our website at: www.GEAppliances.com”

Skill Level: High **Average** Low

Completion Time: 1 to 3 Hours

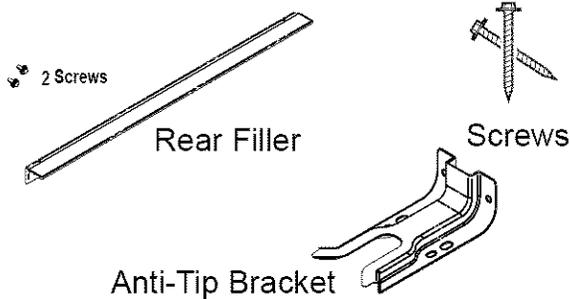
Proper installation is the responsibility of the installer. Product failure due to improper installation is not covered under the GE Appliance Warranty. See the Owners Manual for warranty information.

CAUTION: Before you begin
Read these instructions carefully and completely.

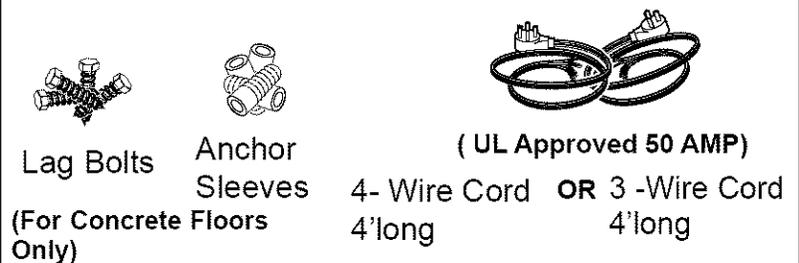
- **IMPORTANT-** Save these instructions for local inspector's use.
- **IMPORTANT-** Observe all governing codes and ordinances.

- **NOTE TO INSTALLER-** Be sure to leave these instructions with the consumer.
- **OWNER-** Keep these instructions for future reference.
- **WARNING-** This appliance must be properly grounded. See “Electrical Requirements” page 2.

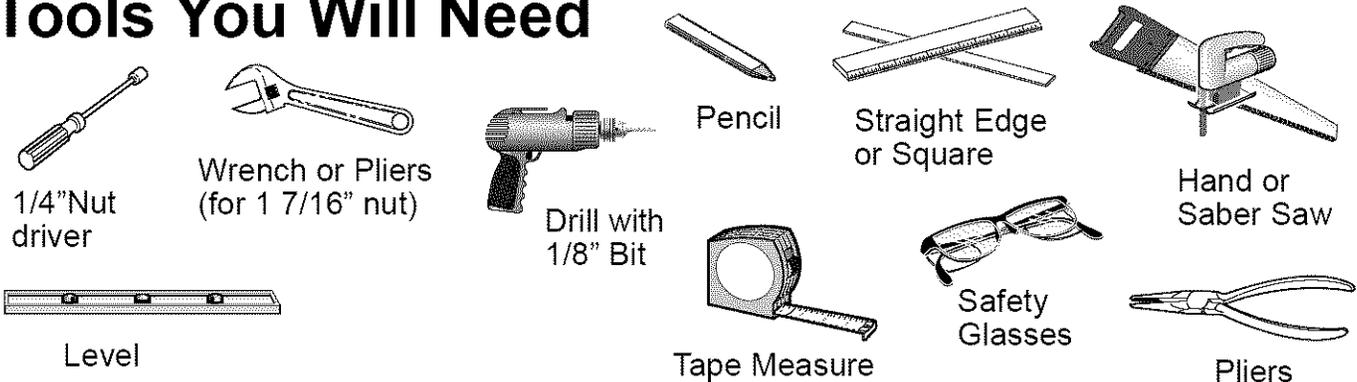
Parts Included



Materials Needed



Tools You Will Need



Installation Instructions

IMPORTANT SAFETY INSTRUCTIONS

For Your Safety



WARNING: For personal safety remove house fuse or open circuit breaker before beginning installation. Failure to do so could result in serious injury or even death.

All rough-in and spacing dimensions must be met for safe use of your range. Electricity to the range can be disconnected at the outlet without moving the range if the outlet is in the preferred location (remove lower drawer).

To reduce the risk of burns or fire when reaching over hot surface elements, cabinet storage space above the cooktop should be avoided. If cabinet storage space is to be provided above the cooktop, the risk can be reduced by installing a range hood that sticks out at least 5" beyond the front of the cabinets. Cabinets installed above a cooktop must be no deeper than 13".

Be sure your appliance is properly installed and grounded by a qualified technician.



WARNING: To reduce the risk of tipping, the appliance must be secured by properly installing the anti-tip bracket packed with the appliance.



WARNING

- All ranges can tip
- Injury to persons could result
- Install anti-tip bracket packed with range
- See Installation Instructions



If you pull the range out and away from the wall for any reason, make sure the Anti-Tip bracket is engaged when the range is pushed back against the wall.

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 specified on the rating plate. The rating plate is located above the storage drawer on the oven frame.

We recommend you have the electrical wiring and hookup of your range 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 no 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

Inspect Installation Location

- Inspect cutout dimensions and location of receptacle to be sure it fits within layout location. (See page 5.)
- Refer to alternate construction section for the following non standard installations.
 - a. Counter opening extends to the wall: Maintop Filler (supplied with the range.) (See Page 12 section AA for Installation Instructions) or Backguard (Kit JXS36XX or JXS39SS). See page 12.
 - b. Counter height greater than 36 3/4": Lower Trim Slide-In (Kit JXS56XX).
 - c. One side is not enclosed by a cabinet: Bodyside (Kit JXS76XX).
 - d. Island Installation:
To provide an optimum installation, the top surface of the counter top must be level and flat (lie on the same plane) around the 3 sides that are adjacent to range cooktop. Proper adjustments to make the top flat should be made or gaps between the countertop and range cook top may occur. Forcing the cook top to fit may cause excessive gaps and could break glass and void warranty.

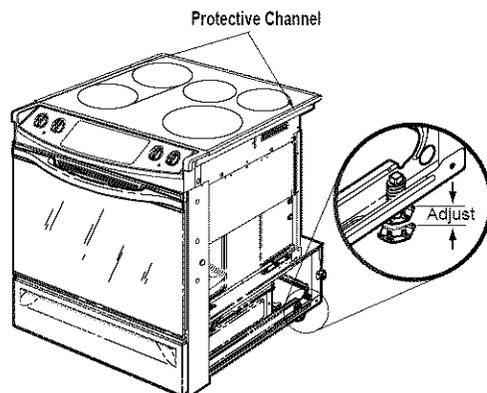
To Procure Kits:

- a. Visit GE Web Site, see page 1.
- b. Call GE Answer Center, see page 1.
- c. Contact Dealer

Move Range Indoors In front of Cabinet Opening

(Do not use hand trucks when moving the unpackaged range.)

- Protect the kitchen floor!** Flatten and place a piece of the shipping carton in front of the installation location to protect the flooring.
- Do not remove the protective channel from the sides of the glass cooktop, if applicable, until later in installation.**



- Carefully, tilt the range to access the range leveling legs. Use an adjustable wrench to screw leveling legs out so that glass support flanges clear top of counter top.

Installation Instructions

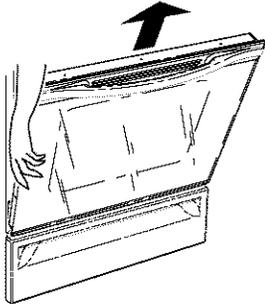


Pre- Installation Checklist

- Open oven door and remove literature pack, broiler pan and grid, and oven racks.



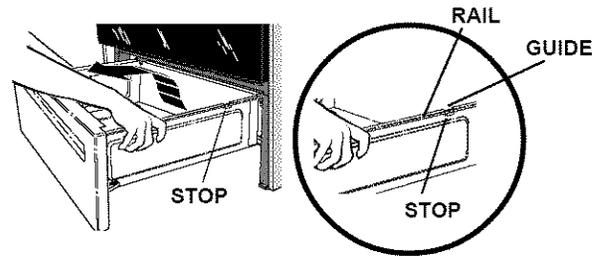
- Open door to the Broil Stop position.
- Grasp door on both sides, and lift up and off hinges.



- Remove packaging materials on door, plastic on trims and panel, and all tape around the range.

Storage Drawer Removal

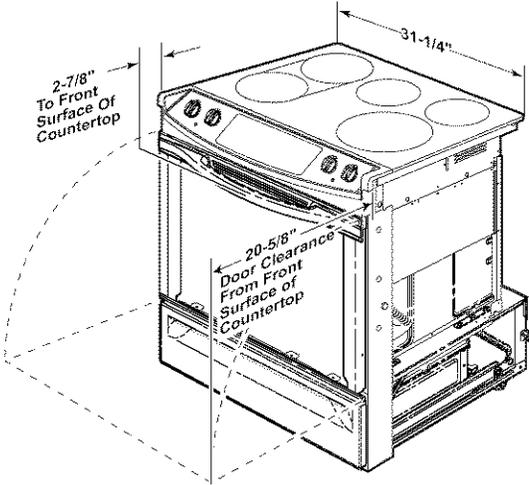
- Pull the drawer out until it stops.
- Lift the front of the drawer until the stops clear the guides.



- Pull forward and remove the Drawer.

Installation Instructions

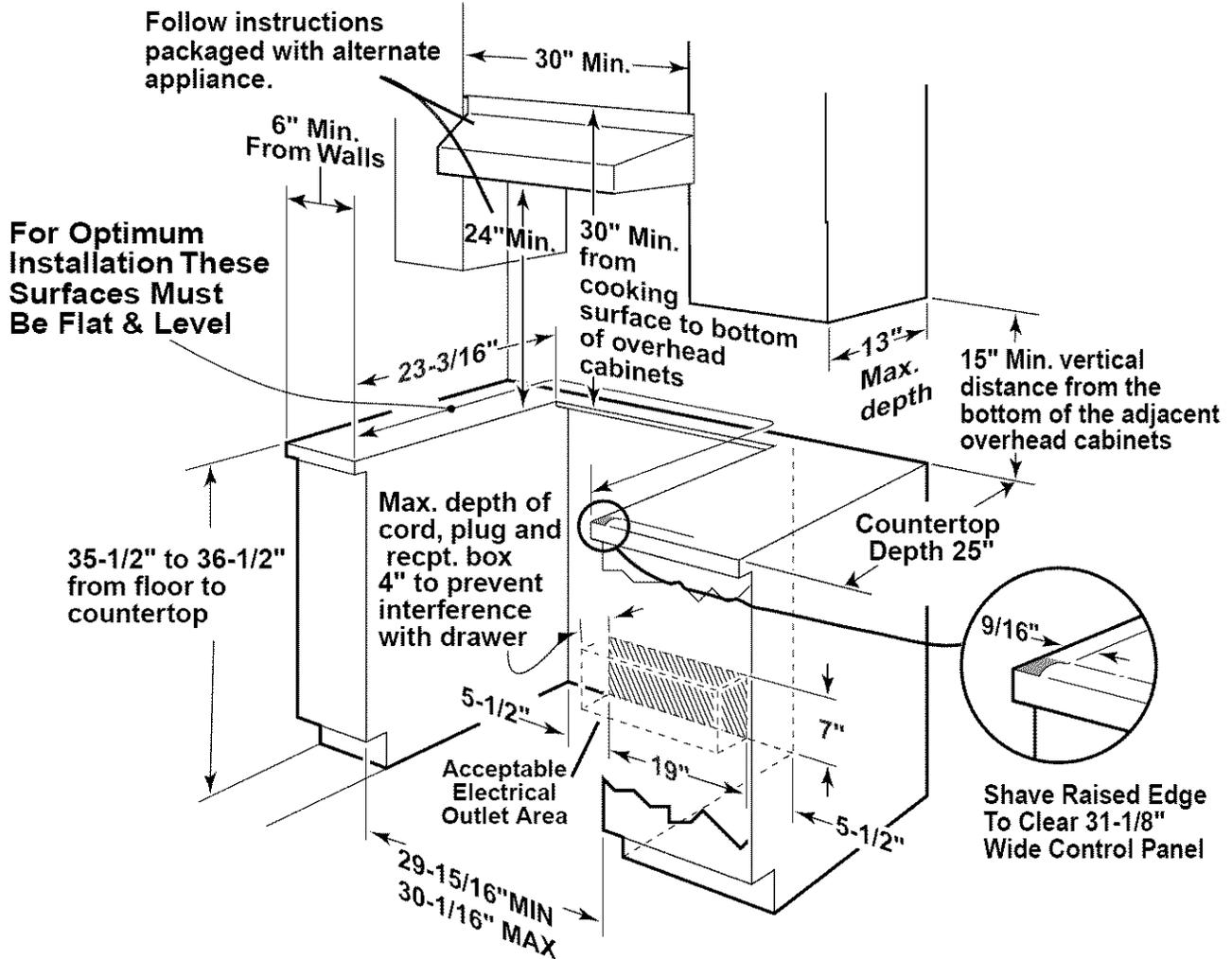
A Pre-Installation Cutout and Required Clearances



If cabinets are placed less than 30" above the range, see alternate construction page 12.

NOTE: Product meets UL requirements for 0" clearance to back and side walls.

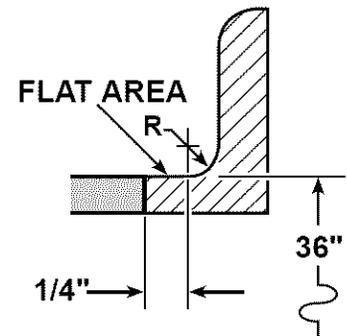
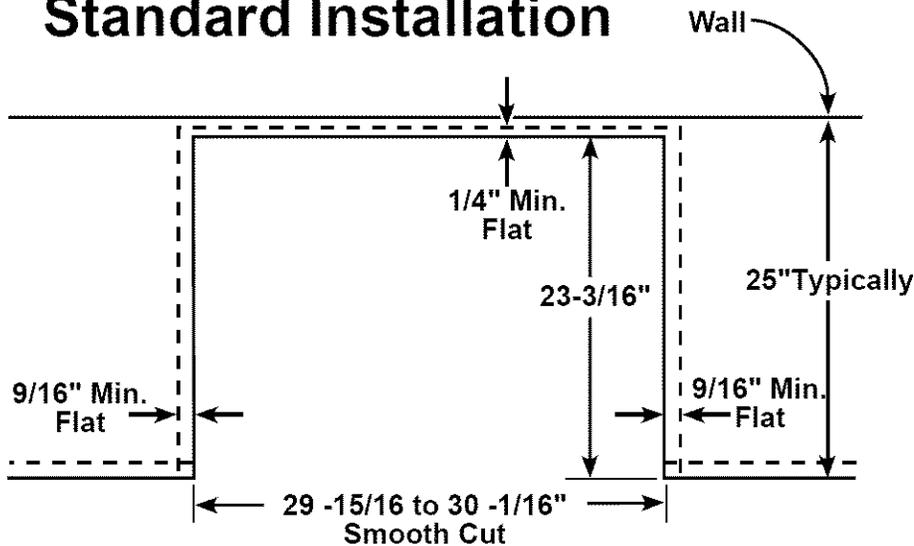
Wall coverings, counters and cabinets around range must withstand heat (up to 200°F) generated by the range.



Installation Instructions

B Standard Installation

Standard Installation



If the construction of your cabinet cannot provide a 1/4" flat area back of the countertop opening, consider changing the counter top to accommodate this dimension. See alternate constructions section. If the area is not flat, excess tension may be applied to the glass causing breakage and voiding the warranty.

B3 Be careful not to damage the adjacent cabinets while cutting the countertop. Use a hand or saber saw to make straight smooth cuts.

B4 Remove countertop raised edge. If incorporated (See illustration on page 5).

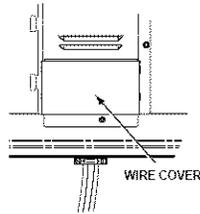
B1 Center the 30" wide opening over the adjacent cabinets and mark with a straight edge.

B2 Using a straight edge mark the back line at 23-3/16" from the front edge of the counter.

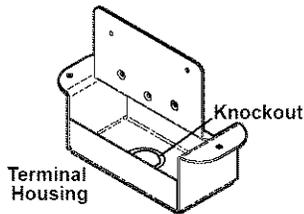
Installation Instructions

C Electrical Connections

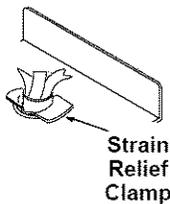
- C1** Remove wire cover at lower rear of range.



- C2** When using a power cord, remove the knockout in the connection plate with pliers as required by the size of the strain relief or clamp supplied with cord.



- C3** Insert power cord through hole in the terminal housing, engage and tighten strain relief clamp, leaving enough wire length to attach terminals to terminal block.

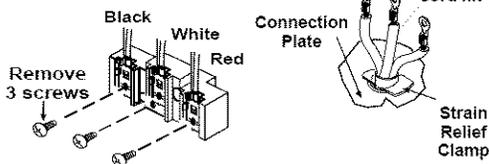
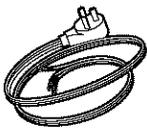


- C3a** FOLLOW INSTRUCTIONS BELOW IF YOUR CORD IS 3 WIRE.

50 Amp 3 Wire



The power cord center wire must be connected to middle terminal on block. Attach remaining wires securely. Do not remove ground strap

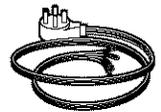


OR

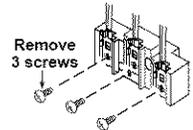
NEW CONSTRUCTION AND FOUR CONDUCTOR BRANCH CIRCUIT

- C4a** Follow instructions below if your cord is 4 wire.

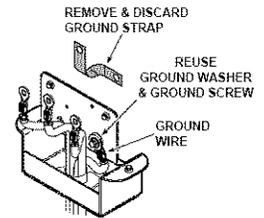
50 Amp 4 Wire



- C4b** Remove the screws on the terminal block. Do not remove terminal block.



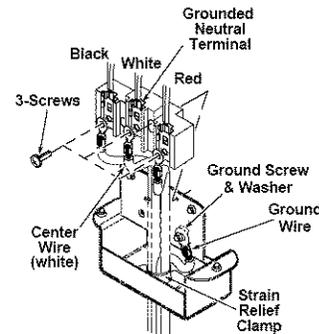
- C4c** Remove the green ground screw. Then remove the ground strap and discard it.



Terminal Block

- C4d** Attach the green or bare wire below the terminal block with the green ground screw and washer that were removed earlier.

- C4e** Connect the red and black wires to the outside terminals. The white wire must be connected to the center terminal.



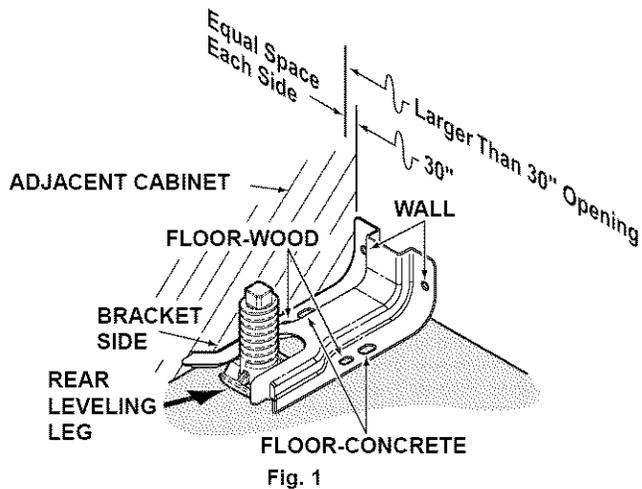
- C5** Re-install the wire cover making sure the wires do not become pinched between wire cover and housing.

Installation Instructions

D Installing the Anti-Tip Bracket

D1 Locating The Bracket

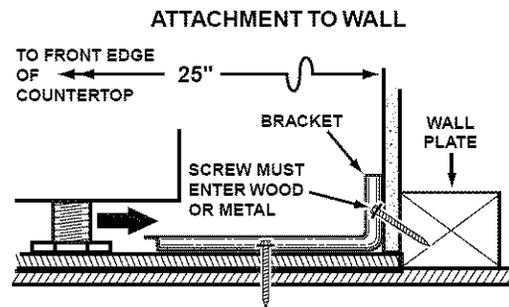
- Decide whether the bracket will be installed on the right or left side of range opening.
- Place the bracket as shown in Fig. 1.



D2 Installing The Bracket in Wood or Concrete

INSTALLATION-WOOD CONSTRUCTION

- Locate the centers of the four holes identified in Fig. 1 as Floor-Wood and Wall.
- Drill a 1/8" pilot hole through the pre-marked areas. Note the angle of the wall screw in Fig. 2.
- Mount the Anti-Tip bracket with the four screws provided.



INSTALLATION-CONCRETE CONSTRUCTION

- For concrete installation you will need two 1/4"x 1-1/2" lag screws, and two sleeve anchors.
- Locate the center of the four holes identified in Fig. 1 as Floor-Concrete and Wall. Drill the recommended size holes in each.
- Install the sleeve anchors into the predrilled concrete holes and install the lag and wall screws through the Anti-Tip bracket. Make sure the screws are securely tightened.

Installation Instructions

E Installing the Range

SLIDE RANGE INTO OPENING

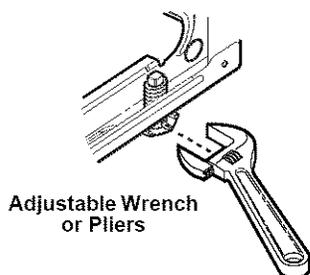
E1 Position the range in front of the cabinet opening.

E2 Make sure that the glass which overhangs the countertop clears the countertop. Raise the unit by lowering the leveling legs if necessary.

E3 Push while lifting the range into the opening until the range is within 2" of engaging the anti-tip bracket

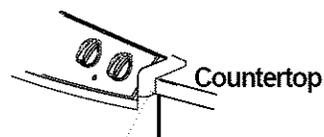
E4 Remove the protective trim from the side of glass. (If provided)

E5 Using the adjustable pliers or wrench carefully screw in the back leveling leg until the glass overhang comes to rest on the counter top.



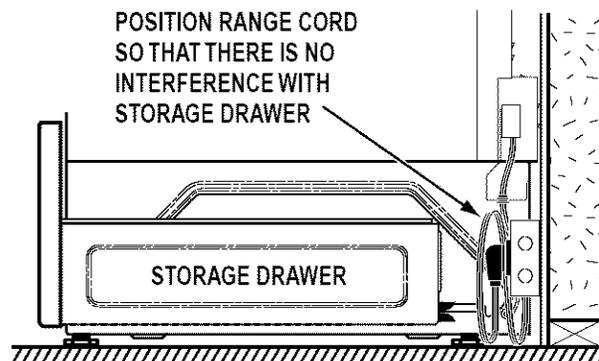
E6 Then carefully screw in the front two leveling legs (similar to E5) until the glass overhang touches the countertop.

E7 Carefully push the range into the opening until the counter top fully engages the control panel. The back glass overhang should cover the cutout opening.



Make sure the edge of the countertop fits flush against the end of the Front Control Panel

E8 Plug range cord into receptacle. Locate the cord in the back of the range in a manner that will not touch or be moved by the drawer.

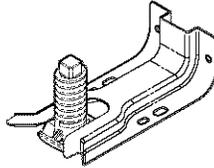


Installation Instructions

E Installing the Range (Cont.)

Final Check of the Anti-Tip Bracket

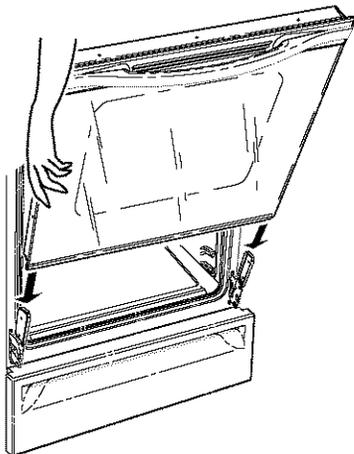
- E9** When installation is complete and the range is in place, inspect to be sure the rear leveling leg is fully inserted into the slot of the Anti-Tip Bracket.



CAUTION: 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.

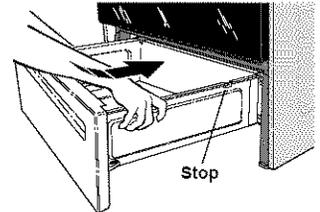
Replacing the Oven Door

- E10** Make sure the hinge is in the broil stop position.
- E11** Grasp the door on both sides.
- E12** Lift the door over the hinges lining up the hinges with the hinge slots on the bottom of the door.
- E13** Slide the door down onto the hinges as far as it will go and close the door.



Replacing the Storage Drawer

- E14** Place the drawer rail on the guides.
- E15** Push the drawer in until it stops.

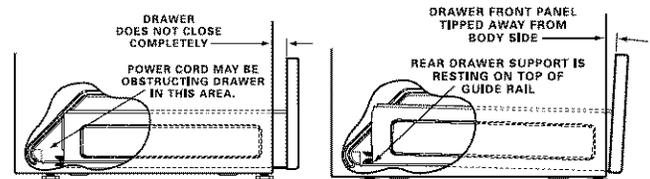


- E16** Lift the front of the drawer and push in until the stops clear the guides.

- E17** Lower the front of the drawer and push in until it closes.

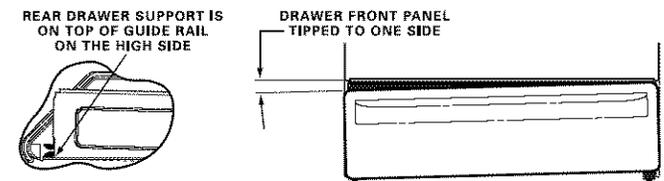
SPECIAL INSTRUCTIONS IF YOU HAVE PROBLEMS WHILE REPLACING THE STORAGE DRAWER

IF DRAWER WON'T CLOSE



Remove and replace, making sure the power cord is not obstructing the drawer and/or the rail is in the guide.

IF DRAWER IS CROOKED



Remove and replace making sure the rail is in the guide.

Installation Instructions

Final Check List

Check to make sure the circuit breaker is closed (Reset) or the circuit fuses are replaced.
Be sure power is in service to the building.
Check to be sure that all packing materials and tape on metal panel (if applicable) under control knobs and drawer have been removed.

Operation Check List

Check to make sure the Clock display is energized. If a series of horizontal red lines appear in the display, disconnect power immediately. Recheck the range wiring connections. If change is made to connections, retest again. If no change is required, have building wiring checked for proper connections and voltage. It is recommended that the clock be changed if the red lines appear.

Push down and turn any one of the four surface knobs to "MED" setting to observe that the element glows within 15 seconds. Turn the knob off when glow is detected. If the glow is not detected within the time limit, recheck the range wiring connections. If change is required, retest again. If no change is required, have building wiring checked for proper connections and voltage.

Alternate Construction Installation Instruction Preparation

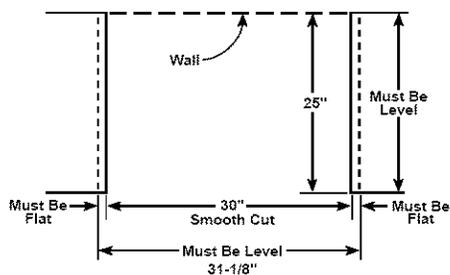
AA Optional Maintop Filler or Backguard Kit

If counter opening extends to the wall, it will require Maintop Filler Kit (supplied with the range) or Backguard Kit (JXS36XX or JXS39SS) to close the gap.

Note: If the counter top is greater than 25" it will show a gap between the backguard and wall or between filler kit and the wall.

If the countertop is less than 25" a gap will occur between the countertop front and the control panel ends (See section E7).

If you are using the optional backguard kit,

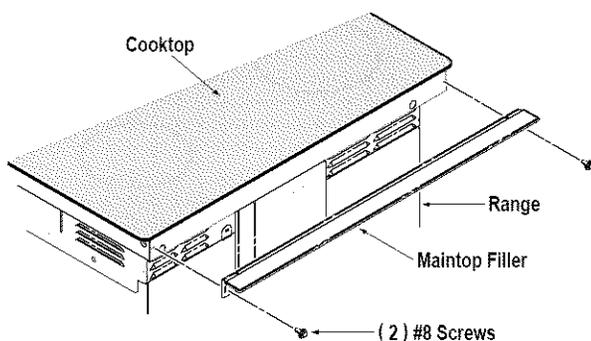


Refer to the Backguard Kit instructions for Installation details.

If you use the filler kit, place the metal filler piece supplied with the range to the back of the range as shown in the figure below. Start the 2 screws into the upper holes at the outside rear of the range above the louvers, through the slots in the trim, holding the filler piece centered on the maintop frame and pushing upward to close the gap between the bottom of the glass and the filler trim.

When the trim is set in the proper position tighten the 2 mounting screws. The top of the trim should be located below the top surface of the glass to prevent pots, pans and skillets from damaging the painted parts.

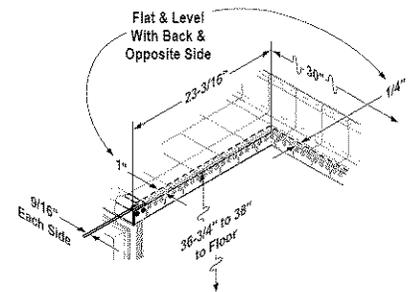
Refer to the Standard Installation of the Range beginning on page 3.



AB Countertops higher than 36 1/2"

If countertop height is between 36 1/2" and 38" a lower trim kit (JXS56XX) is recommended.

Refer to Kit instructions for installation details.



AC For Non-Built-In Installation (End of Cabinet Location)

When installing the range at the end of a cabinet section which will expose the unfinished side of the range, use Body Side Kit (JXS76XX), Refer to kit instructions for installation details.

AD Island Installation

Attach the anti-tip bracket per instructions in section D making sure that the rear of the bracket is 25" from the front of the countertop.

Beware that the screws provided are long and may penetrate through the back of the island cabinets. In this event, use shorter screws (not provided) or the screws provided should be used in the floor, (See Section D for Wood/Concrete Floor Installation). **Do not use Backguard Kit JXS36XX or JXS39SS.**

AE For Cabinet Openings Approximately 30-3/8"

If range is installed in cabinet opening approximately 30-3/8" the Vertical Side Trim Kit (JXS86XX) should be used to cover gaps between range sides and cabinet. Refer to the kit instructions for installation details.

AF Cabinets over the Range less than 30"

If a 30" clearance between cooking surface and overhead combustible material or metal cabinets cannot be maintained, protect the underside of the cabinets above the cooktop with not less than 1/4" insulating millboard covered with sheet metal not less than 0.0122" thick.