

Installation Instructions

Electric Slide-In Ranges

Questions? Call GE Appliances at 1.800.GE.CARES (1.800.432.2737) or visit www.GEAppliances.com. In Canada, call 1.800.591.5344 or visit www.GEAppliances.ca.

- ### BEFORE YOU BEGIN
- Read these instructions completely and carefully.
- Note to consumer** — Keep these instructions for future reference.
 - IMPORTANT** — Installation of this appliance requires a qualified installer or electrician.
 - IMPORTANT** — Observe all governing codes and ordinances.
 - Installer** — This slide-in range installation is not covered under warranty.
 - Note to installer** — Be sure to leave these instructions with consumer.

FOR YOUR SAFETY:

WARNING **Anti-Tip Bracket Kit Included**

- **Anti-Tip Bracket Kit** (included)
- **Engage the anti-tip bracket** by **sliding the bracket** into the **anti-tip bracket slots** on the back of the range.
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- **Failure to do so can result in death or serious burns to children or adults.**

If you did not receive an anti-tip bracket with your purchase, call 1.800.526.2774 to receive one at no cost. (In Canada, call 1.800.591.5344.) For more information, visit: www.GEAppliances.com.

MATERIALS YOU MAY NEED

- Drill with 1/8" Bit
- Tin Snips
- Tape Measure
- Level
- Adjustable Wrench
- Level
- 1/4" Nut Driver

TOOLS YOU WILL NEED

- UL-Listed 40 AMP Squeeze Connector
- 1-Wire Cord 4 long OR 3-Wire Cord 4 long

1 REMOVE PACKAGING MATERIALS:

Failure to remove packaging materials could result in damage to the appliance. Remove all packing parts from oven, racks, heating elements and drawer. Also, remove protective film and labels on the outer door, cooktop and control panel.

5 REAR TRIM INSTALLATION

For all installations, install the required rear trim to back of range with 4 screws with 0" clearance.

6 3-WIRE INSTALLATION (GROUND IS THROUGH THE NEUTRAL WIRE)

WARNING Shock Hazard
The neutral wire and ground strap must be connected as shown below on the range to be properly grounded. **Failure to do so may result in potential shock hazard.**

WARNING Fire Hazard
Terminal block screws must be securely tightened. **Failure to do so may result in potential fire hazard.**

FOR POWER CORD INSTALLATION

- Remove the 3 **LOWEST** screws from the terminal block. Do not loosen the upper screws.
- Do not cut or remove the ground strap.
- Insert the 3 screws through each power cord terminal (white wire is in the center). Securely tighten each screw onto each wire (35 to 50 IN-ABS).

FOR CONDUIT INSTALLATION

- Loosen the 3 **LOWEST** screws on the terminal block. Do not loosen the upper screws.
- Do not cut or remove the ground strap.
- Insert the bare wire tip (insulation stripped 5/8") into the bottom terminal block openings. Be certain the white wire is in the center. Securely tighten each screw onto each wire (35 to 50 IN-ABS).
- Reinstall terminal block cover.

NOTE: Aluminum building wire may be used but it must be rated for the correct ampereage and voltage.

7 4-WIRE INSTALLATION (SEPARATE GROUND WIRE)

WARNING The neutral wire of the supply circuit must be connected to the neutral terminal located in the lower center of the terminal block. The power leads must be connected to the lower left and lower right terminals. The ground strap must be connected to the frame of the range with the ground plate and the green ground screw.

FOR POWER CORD INSTALLATION

- Remove the 3 **HIGHEST** screws from the terminal block. Do not loosen the lower screws.
- Reinstall the ground screw and ground plate and retain them.
- Cut the ground strap below the terminal block and discard the lower section.
- Insert the ground screw through the ground plate (removed earlier) and back into the over-the-range (OTR) hole. Do not over-tighten (15 to 20 IN-ABS).
- Insert the 3 terminal screws through each power cord terminal ring and back into the terminal block. Be certain the white wire is in the center. Securely tighten each screw (35 to 50 IN-ABS).
- Reinstall terminal block cover.

FOR CONDUIT INSTALLATION

- Remove the 3 **HIGHEST** screws from the terminal block. Do not loosen the upper screws.
- Retain them.
- Cut the ground strap below the terminal block and discard the lower section.
- Insert the bare wire tip (insulation stripped 5/8") into the ground plate (removed earlier) and secure it in place with the ground screw. Tighten securely.
- Insert the wire tips (insulation stripped 5/8") into the remaining 2 terminal block openings. Be certain the white wire is in the center. Do not over-tighten each screw onto each wire (35 to 50 IN-ABS).
- Reinstall terminal block cover.

NOTE: Aluminum building wire may be used but it must be rated for the correct ampereage and voltage.

2 PREPARE THE OPENING (FOR INDOOR USE ONLY)

See illustrations for all rough-in and spacing dimensions. The range may be placed with 0" clearance (flush) at the back wall and side walls of the cabinet.

NOTE: Use a 4" power cord to prevent interference with any nearby appliances. An optional 6" long power cord may be ordered to allow for proper clearances.

MINIMUM DIMENSIONS BETWEEN COOKTOP, WALLS AND ABOVE THE COOKTOP:

- Make sure the wall covering, countertops, flooring and cabinets around the range can withstand the heat (up to 200°F) generated by the range. 0" to 1/2" clearance below cooktop and at the range back.
- Clearance between adjacent cabinets or islands and bottom of range must be 2 1/2" minimum. A 2 1/2" minimum clearance between the cabinets is preferred by no less than 1 1/4" thick flame resistant material (FRM) such as FRM No. 28 (MSG shear metal), O15, O15' thick stainless steel, .024" aluminum or .020" copper.
- This appliance has been approved for 0" spacing to adjacent surfaces above the cooktop. However, a 1/2" minimum clearance is required to allow for the installation of a hood. Do not allow the cooktop and adjacent cabinet to be within 6 inches of each other. Clearances 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 projects at least 5" beyond the front of the cabinets. Cabinets installed above the cooktop must be no deeper than 16".

3 ELECTRICAL REQUIREMENTS

This appliance must be properly grounded.

WARNING All new constructions, mobile homes, recreational vehicles and installation ranges where local codes do not allow grounding through neutral, require a 4-conductor UL-listed range cord.

WARNING To prevent fire or shock, do not use an extension cord with this appliance.

WARNING To prevent shock, remove house fuse or open circuit breaker before beginning installation.

We recommend you have the electrical wiring and hookup of your range connected by a qualified electrician. After installation, have the electrician show you how to disconnect power from the range. You must use a single-phase, 120/208 VAC or 120/240 VAC, 60 Hertz electrical system. If you connect to aluminum wiring, properly installed connectors approved for use with aluminum wiring must be used.

Effective January 1, 1995, the National Electrical Code requires that new construction (not existing) utilize a 4-conductor connection to an electric range. When installing an electric range in new construction, mobile home, recreational vehicle, or an area where local codes prohibit grounding through the neutral conductor, refer to the section on 4-conductor branch circuit connections.

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, refer to the National Electrical Code (NEC), NFPA No. 70 — First Edition, available from the National Fire Protection Association.

The appliance must be supplied with the proper voltage and frequency, and connected to an outlet which is properly grounded. 40 amp (minimum) branch circuit protected by a circuit breaker or time-delay fuse.

Use only a 3-conductor or a 4-conductor UL-listed range cord. These cords may be provided with ring terminals on wire and a strain relief device. A range cord rated at 40 amps with 125/250 minimum volt range is required. A 50 amp range cord is not recommended but if used, it should be marked for use with nominal 1 1/2" diameter connection openings. Care should be taken to center the cable and strain relief within the knockout hole to keep the edge from damaging the cable.

The rating plate is located on the oven frame or on the side of the drawer frame.

NOTE: Use of automatic, wireless or wired external switches that shut off power to the appliances, are not recommended for this product.

4 POWER CORD AND CONDUIT INSTALLATION

Remove wire cover (on the back of range) by removing screws using a 1/4" nut driver. You may remove the wire cover on the back of the range or on some models or the wire cover. Do not discard these screws.

C For power cord installation only, use the knockout ring (1 1/4") located on bracket in the back of the range. Insert the power cord through the strain relief and the bracket. Use ring screws to bend the knockout ring away from the bracket and twist until ring is removed.

D For 3/4" conduit installations only, purchase a squeeze connector matching the diameter of the conduit. Push the squeeze connector and lightly. Allow enough slack to easily attach the wire to the terminal block. **NOTE:** Do not install the conduit without a squeeze connector. The squeeze connector **MUST** be installed before reattaching the rear terminal block.

Proceed to step 6 or 7.

8 ANTI-TIP DEVICE INSTALLATION

WARNING To reduce the risk of tipping the range, the range must be secured by a properly installed anti-tip bracket. See installation instructions shipped with the bracket for complete details before attempting to install.

To check if the bracket is installed and engaged, push the top of the range to see that the rear leveling leg is engaged in the bracket. On some models, the storage drawer or kick panel can be removed for easier inspection. If visual inspection is not possible, slide the range back so the leveling leg is securely attached to the floor or wall, and slide the range back so the leveling leg is engaged in the bracket. The anti-tip device is properly secured by the anti-tip bracket. Never completely remove the leveling legs of the range as the range will not be secured to the anti-tip bracket.

9 LEVEL THE RANGE

WARNING Never completely remove this leveling leg as the range will not be secured to the anti-tip device properly.

- Plug in the unit.
- Measure the height of your countertop at the location of the leveling leg. Always measure at the same location on the countertop (Y).
- Adjust the rear leveling legs so that the rear of cooktop is at the same height or higher than the counter (Y).
- Slide unit into place.
- Install oven shelves in the oven and position the range where it will be installed.
- Check for levelness by placing a spirit level on one of the oven shelves. Take two readings on the level plane diagonally from the center of the range to the rear level.
- Adjust front leveling legs until the range is level.
- Leg is fully engaged with the anti-tip device. If rear level is not achieved, adjust the height of the rear leg so that it is properly engaged.

NOTE: Cooktop must be at or above counter.

10 FINAL INSTALLATION CHECKLIST

- 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 that all packing materials and tape have been removed. This will include tape on metal panel under control knobs (if applicable), adhesive tape, wire ties, cardboard and protective materials. Check for damage to the appliance once the appliance has been turned on and surfaces have cooled.
- Check that the door and drawer are parallel to each other and that both operate smoothly. If they do not, see the Owner's Manual for proper replacement.
- Check to make sure that the rear leveling leg is fully inserted into the Anti-Tip bracket and that the bracket is securely installed.

OPERATION CHECKLIST

- Check that the oven control operates properly. If the oven control does not operate properly, recheck the wiring connections.
- Be sure all range controls are in the OFF position before leaving the range.

