

## INSTALLATION

Check the appliance is electrically safe when you have finished.

# 11. Electrical connection

Have your appliance properly installed and grounded by a qualified technician. The installation must conform with local codes or in the absence of local codes in accordance with the National Electrical Code NFPA 70 or the Canadian Electric Code, CSA C22.1.

## Electrical requirements

- ⚠ For personal safety, DO NOT use an extension cord with this appliance. Remove the house fuse or open the circuit breaker before beginning installation.**
- ⚠ WARNING Electrical Grounding Instructions. This appliance is shipped with a (four-prong) grounding plug for your protection against shock hazard and should be plugged directly into a properly grounded receptacle. DO NOT cut or remove the grounding prong from this plug.**
- ⚠ Prior to connecting the power cord to the wall socket, inspect the cable for any damage that may have occurred. In the event of damage please consult your electrical installer.**
- ⚠ Ensure that the power cord is routed so that it cannot become damaged during the installation.**

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 time-delay fuse, as noted on the rating plate.

Wiring must conform to National Electric Codes. If the electric service provided does not meet the above specifications, have a licensed electrician install an approved outlet.

Because range terminals are not accessible after the range is in position, flexible service conduit or cord must be used.

## Provide proper electrical supply

This range must be supplied with 240 V 60 Hz, and connected to an individual, properly grounded branch circuit protected by a circuit breaker or time-delay fuse. If the electrical service provided does not meet the above specifications, it is recommended that a licensed electrician install an approved outlet.

### Recommended electrical outlet locations

Locate the electric supply as illustrated (Fig. 11.1).

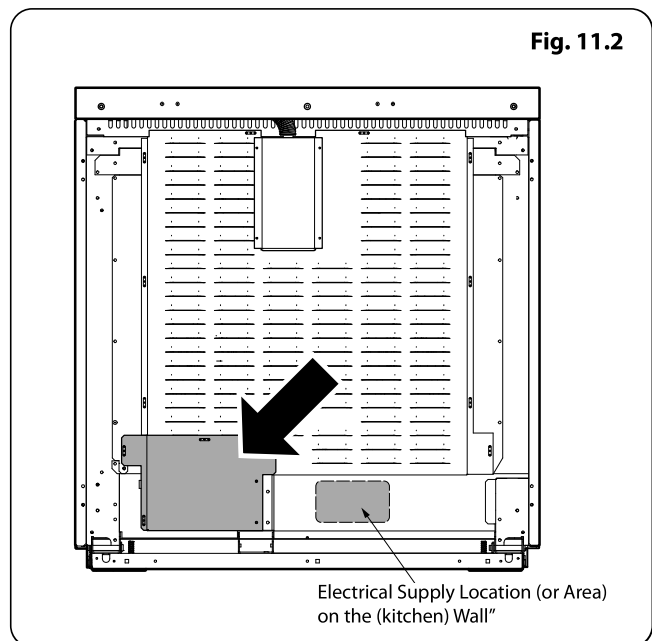
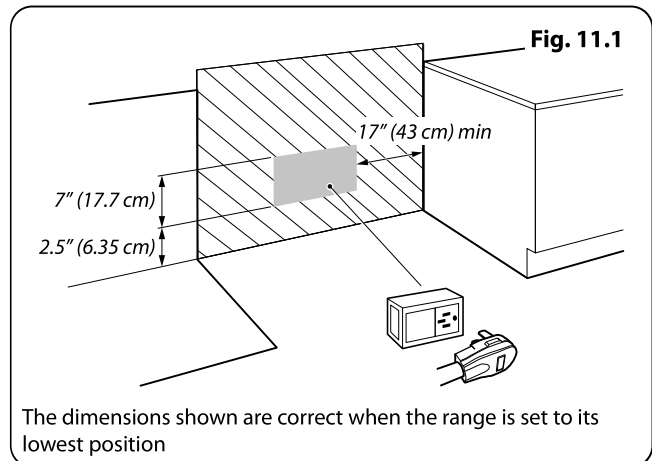
When connecting using a NEMA 14-50R receptacle, if possible position it so that it can be accessed through the opening at the rear of the drawer cavity. The range can then be easily disconnected for servicing, etc.

Plug the range power cord into a properly grounded wall receptacle.

### Connecting if the supplied cord and plug is not suitable

To access the electrical connections, undo the screws and remove the electrical cover (Fig. 11.2).

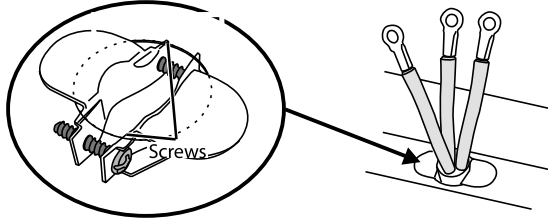
- ⚠ Disconnect the electrical supply before servicing.**



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Fig. 11.3



### Fitting a 3-Wire Power Cord

Disconnect the supplied power cord from the terminal block and ground post. Keep the terminal block parts; you will need them. Slacken the strain relief clamp from the power cord, untighten the 2 screws (**Fig. 11.3**) and remove the power cord.

Insert the new power cord through the strain relief device but do not tighten the device yet.

**⚠** Your range is supplied with a ground strap that can be used when connecting to a three wire cord. Consult your electrician before changing the supplied cord kit (**Fig. 11.7**).

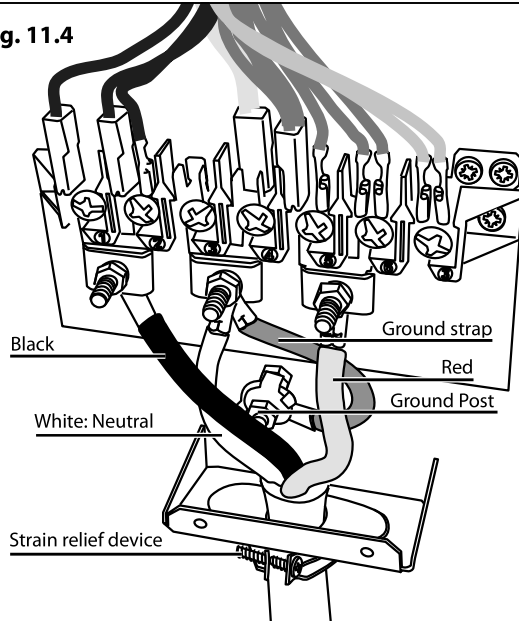
Fit the Ground strap to the ground and center terminal of the connector block (**Fig. 11.4**).

The neutral or ground wire of the power cord must be connected to the neutral terminal located in the center of the connector block. The power leads must be connected to the outside terminals (**Fig. 11.4**).

Make sure the connections are tight. Now tighten the strain relief device to clamp the power cord.

Refit the electrical connection cover.

Fig. 11.4



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### 3-Wire Conduit Installation

Disconnect the supplied power cord from the terminal block and ground post. Keep the terminal block parts; you will need them. Remove the strain relief clamp from the power cord and remove the power cord and strain relief clamp from the mounting bracket.

The range is shipped with reducer plates to give a 1 1/8" diameter opening for conduit connection (**Fig. 11.5**). Find the reducer plates (**Fig. 11.6**) in the conversion kit and fit them to the mounting bracket.

Fit a squeeze connector (not supplied with the range), to your conduit. Insert the conduit through the reducer plates on the mounting bracket. Allow enough slack to easily attach the wires to the terminal block.

**NOTE: Do not install the conduit without a squeeze connector.**

A Ground strap is supplied in the user guide pack (**Fig. 11.7**). Fit the Ground strap to the ground and center terminal of the connector block.

The neutral or ground wire of the power cord must be connected to the neutral terminal located in the center of the connector block. The power leads must be connected to the outside terminals (**Fig. 11.8**).

**NOTE: Make sure the wires are completely inserted into the terminals and secure connections are made.**

Secure the squeeze connector in place in the bracket by tightening the squeeze connector screws.

Refit the electrical connection cover.

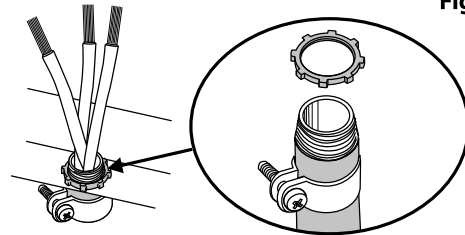


Fig. 11.5

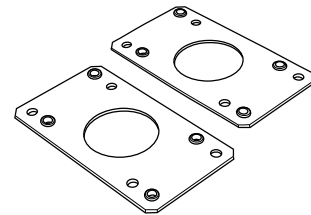


Fig. 11.6

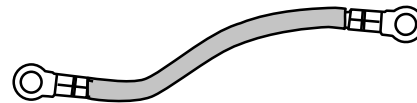


Fig. 11.7

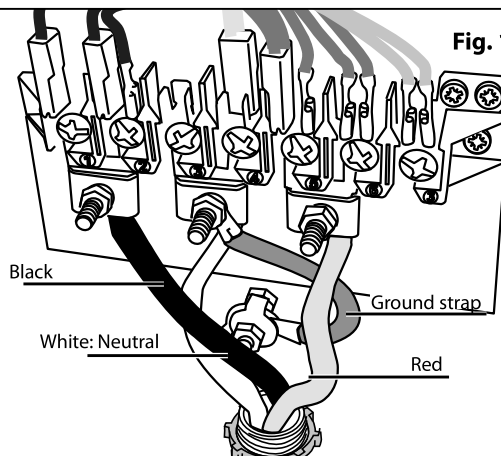
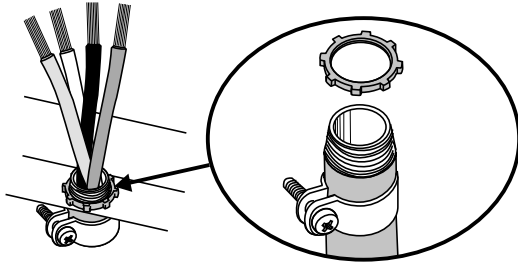


Fig. 11.8

## INSTALLATION

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Fig. 11.9



### 4-Wire Conduit Installation

Disconnect the supplied power cord from the terminal block and ground post. Keep the terminal block parts; you will need them. Remove the strain relief clamp from the power cord and remove the power cord and strain relief clamp from the mounting bracket (**Fig. 11.9**).

The range is shipped with reducer plates to give a 1 1/8" diameter opening for conduit connection (**Fig. 11.9**). Find the reducer plates (**Fig. 11.6**) in the conversion kit and fit them to the mounting bracket.

Fit a squeeze connector (not supplied with the range), to your conduit. Insert the conduit through the reducer plates on the mounting bracket. Allow enough slack to easily attach the wires to the terminal block.

**NOTE: Do not install the conduit without a squeeze connector.**

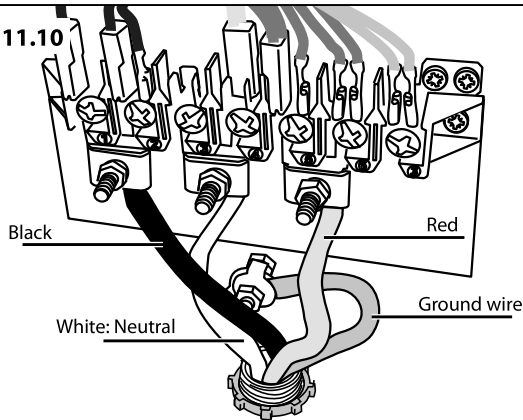
Fit the wires to the ground post and terminal block (**Fig. 11.10**)

**NOTE: Make sure the wires are completely inserted into the terminals and secure connections are made.**

Secure the squeeze connector in place in the bracket by tightening the squeeze connector screws.

Refit the electrical connection cover.

Fig. 11.10



### Seal the Openings

Seal any openings in the wall behind the range and in the floor under the range when hookups are completed.

### When all Connections are Completed

**MAKE SURE THE FLOW OF COMBUSTION AND VENTILATION AIR TO THE RANGE IS UNOBSTRUCTED.**