

FIREMAGIC®

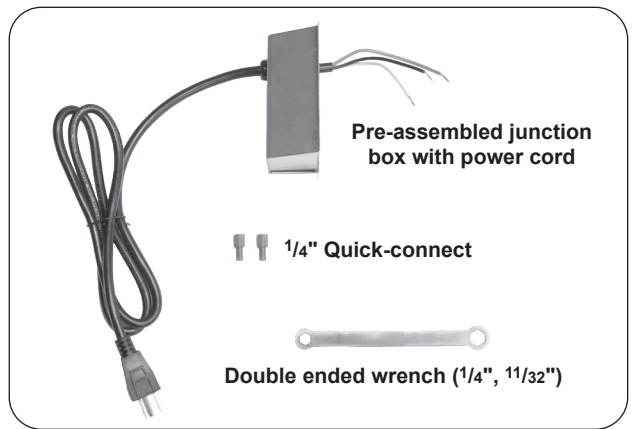
Electric Grill Showroom Adapter Kit Instructions

Model # ELD-500

VIDEO INSTRUCTION



INSTALLER: Leave these instructions with the dealer for information on restoring the unit to its original functions



This Showroom Adapter Kit is only for installation on Fire Magic EL500 Electric Grills. The Electric Grill is designed for use with 240VAC power. This kit is intended to convert the electric grill for use with a standard (120 VAC 15AMP minimum) grounded three-wire receptacle and to disable the heating element for safe demonstration. Installation is only to be done by a **qualified professional service technician**.

CONTROL PANEL REMOVAL

Note: Wear protective gloves when handling metal components that may have sharp edges.

1. Ensure the power switch on the grill is in the OFF position.
2. Slide the drip tray outward partially to allow enough space to access the nuts that are securing the control panel.
3. Loosen the nuts underneath the left and right sides of the control panel with the included 11/32" end of the wrench (see Fig. 1-1), then lift the panel until it is freed from the screws. Carefully rest the bottom of the control panel on the drip tray. The top portion of the control panel is supported by the internal chains.

Important: When opening, take caution to not damage any wiring.

DISCONNECT HEATING ELEMENT

For single control models, continue to the information below. For dual control models, skip to the next page.

Single control models: Locate and disconnect the red wire labeled "RELAY" (see Fig. 1-2). Then take a quick-connect jumper (included in this kit) and install to the end of the red relay wire (see Fig. 1-3).

Procedure continued on next page.

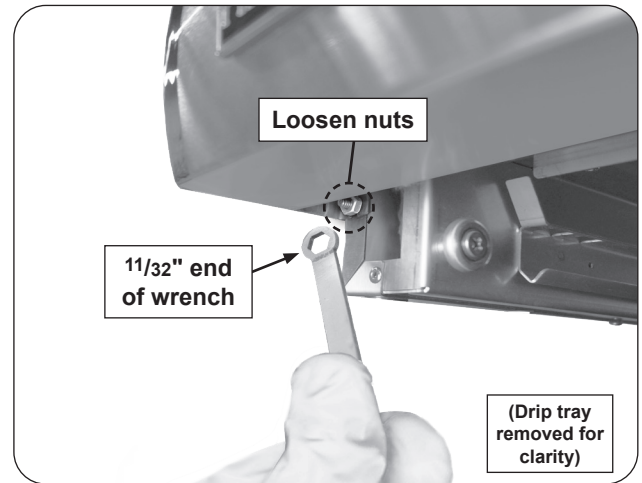


Fig. 1-1 Remove control panel

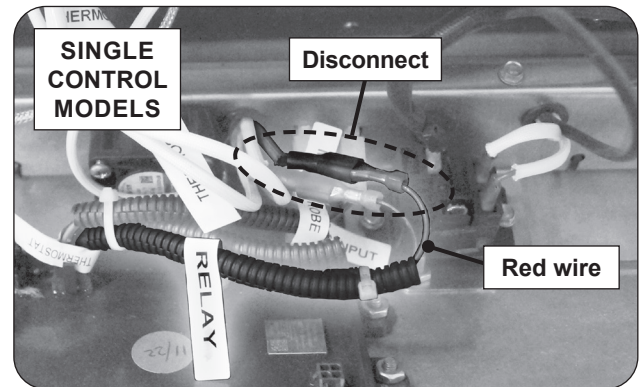


Fig. 1-2 Disconnect relay wire - Single control models

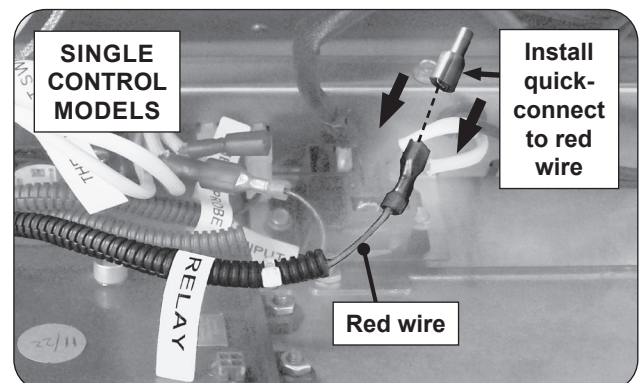


Fig. 1-3 Install quick-connect to relay wire - Single control models

Dual control models: Locate the panel mount relay and disconnect the red wire (coming from harness labeled "RELAY"). See Fig. 2-1. Then take the red quick-connect jumper (included in this kit) and install to the end of the red wire. See Fig. 2-2. Repeat this process for the second control module.

INSTALL NEW POWER CORD / JUNCTION BOX

1. Using the included 1/4" end of the wrench, remove the junction box located on the rear of the electric grill and save the junction box for future installation when time to restore to original functions.
2. Take the power cord / junction box assembly and connect the wires to the ceramic terminal block using a flathead screwdriver to fully secure. Reference the wiring information below and Fig. 2-3.

Black: Connect to L (hot) - bottom portion of ceramic terminal block

White: Connect to N (hot) - top portion of ceramic terminal block

Green: Connect to GND (ground) - aluminum grounding lug

3. Ensure all wire connections are fully secure, then secure the junction box to the grill using the included 1/4" wrench (see Fig 2-4).
4. Take the end of the power cord and plug it into a properly wired and inspected 120 VAC (15 AMP minimum) GROUNDED three-wire receptacle and test the unit.

REINSTALL CONTROL PANEL

1. Carefully align the bottom left and right slots on the control panel over the bolts with nuts on the unit.
2. Then, align and insert the top left and right screws on the unit to the keyholes found on the upper portion of the control.
3. Once the control panel is supported by the screws, ensure the sides are flush to the unit. Then, slide the control panel downward to ensure the gasket is properly sealed along the top, providing protection against wet weather.

Note: If the top portion is not sealing properly, adjust the top screws for a tighter fit.

4. Fully secure the bottom nuts using the included 11/32" end of the wrench.

To restore the electric grill to its original function for use with 240 VAC power input:

- Disconnect the junction box / power cord assembly from the electric grill and reinstall the original junction box
- Restore all relay wire connections back to their proper locations on the control panel
- Refer to the main grill owner's manual for all power connection details/requirements

Note: Whenever reconnecting any wires, apply a small amount of dielectric grease to the male connector, then make the connection. This will ensure conductivity and prevent moisture from affecting the contact.

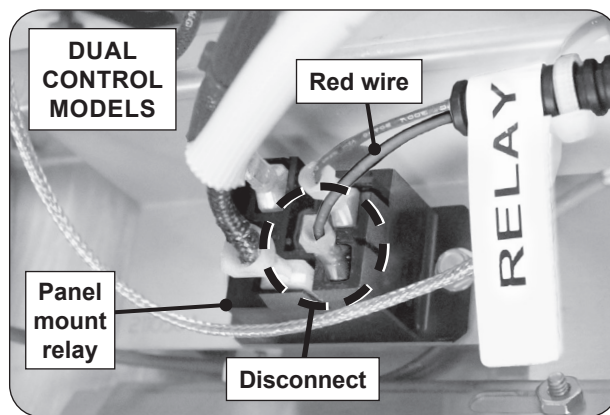


Fig. 2-1 Disconnect relay wire - Dual control models

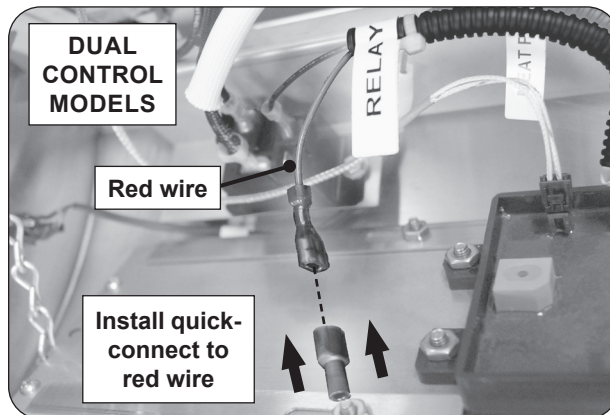


Fig. 2-2 Install quick-connect to relay wire - Dual control models

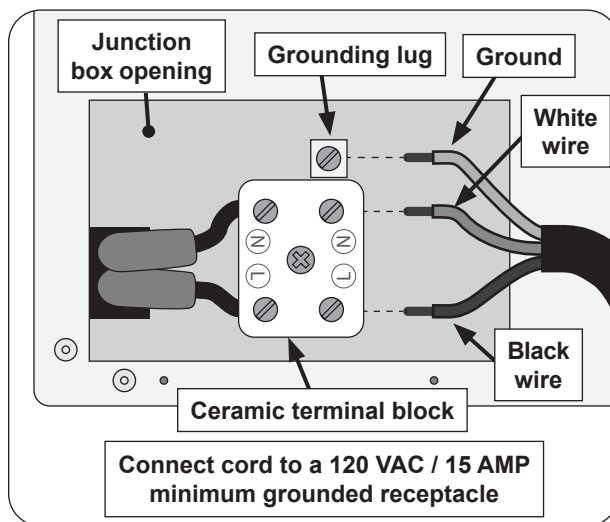


Fig. 2-3 Wire connection diagram

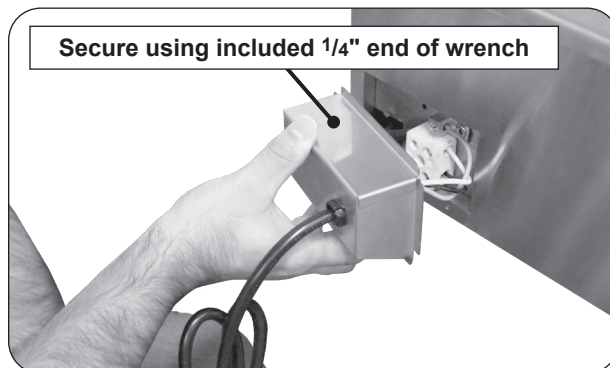


Fig. 2-4 Install new junction box