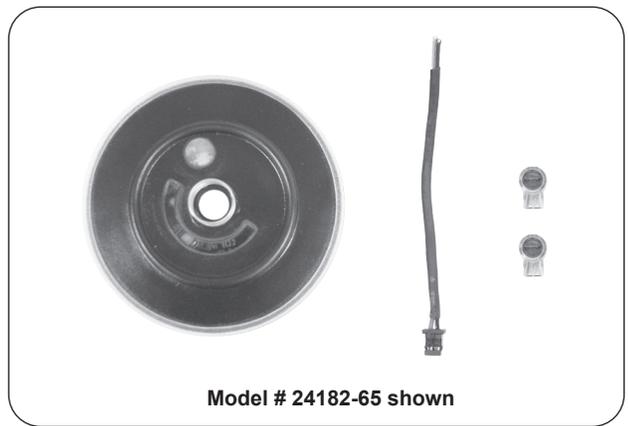




## LED Disk with Wire Connection Kit

Model # 24182-65  
24182-66

**INSTALLER:** Leave these instructions with consumer.  
**CONSUMER:** Retain for future reference.



This LED Disk with Wire Connection Kit is for installation on Fire Magic appliances (pre-2016 models) with LED disk bezels. Pre-2016 units are equipped with LED disk wire connectors that are outdated and are no longer used with the current LED disks. This kit includes a new LED Disk, wires with disk connector, and two buttsplice connectors to bypass the outdated connector. Installation must only be performed by a qualified professional service technician.

To install this kit, follow the steps below.

### INSTALLATION

Tools required: Phillips head screw driver, wire cutters, pliers

1. **Be sure the unit is completely cool, the control knobs are turned to the OFF position, the gas supply is shut off, the light/master switch is off (if equipped), and the power supply is disconnected (if applicable).**
2. Remove the control knobs from the valve stems and set them aside.
3. Locate the LED disk you wish to replace. Disconnect the disk from the wires and discard the disk. See Fig. 1-1.
4. Open the appliance control panel. Refer to the appliance owner's manual if needed.
5. From inside the control panel, locate the wires that lead to the LED disk you wish to replace. Cut the wires at the end of the insulating tube as shown in Fig. 1-2.

**Note:** Wire length varies from unit to unit. It may be needed to cut the wires directly through the insulating tube near the LED connector to give extra slack to the wires. Cut and peel back the tubing to expose the wires.

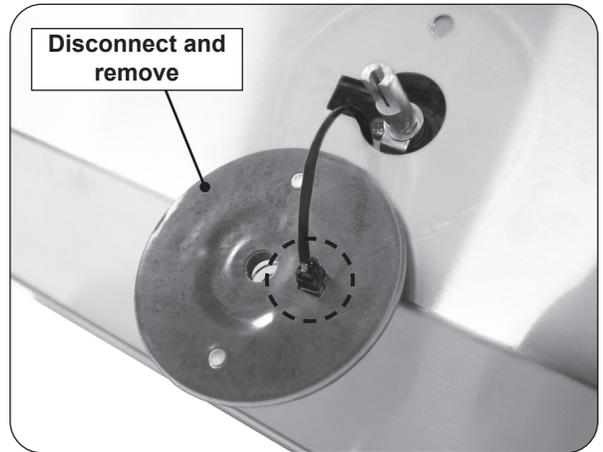


Fig. 1-1 Disconnect and remove old LED disk

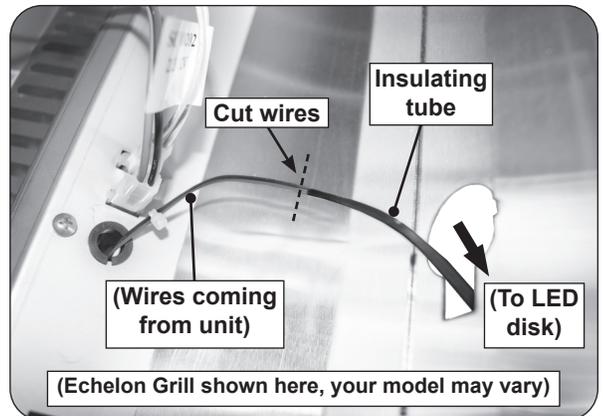


Fig. 1-2 Cut LED disk wires (coming from unit)

Procedure continued on following page.

6. To splice the new wires to the existing wires coming from the unit:

a. Insert the **black wire from this kit** and the cut **black wire from the unit** into the inlets of a buttsplice connector. (If your unit has yellow and blue wires, **use the yellow wire for this connection.**) See Fig. 2-1.

**Note:** The wires do not need to be stripped. The buttsplice connectors are self-stripping and are gel-filled to protect from moisture.

b. Ensure the wires are fully inserted into the inlets of the buttsplice connector and using pliers, snap the connector closed. Ensure the connector button is fully pressed down and is flush with the housing. See Fig. 2-2. Give the wires a gentle tug to ensure a proper connection.

c. **Repeat for the red wires.** (If your unit has Yellow and blue wires, **use the blue wire for this connection.**) See Fig. 2-1.

7. Connect the new LED disk to the new wires, close the control panel, install the control knobs, reconnect the unit to power (if applicable) and test the new LED disk.

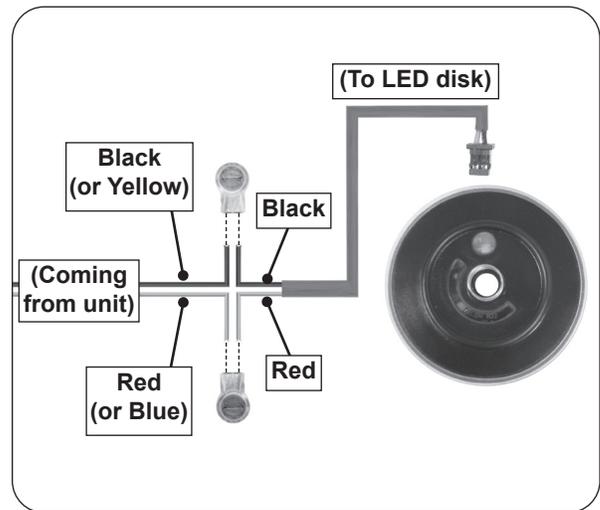


Fig. 2-1 Wiring diagram

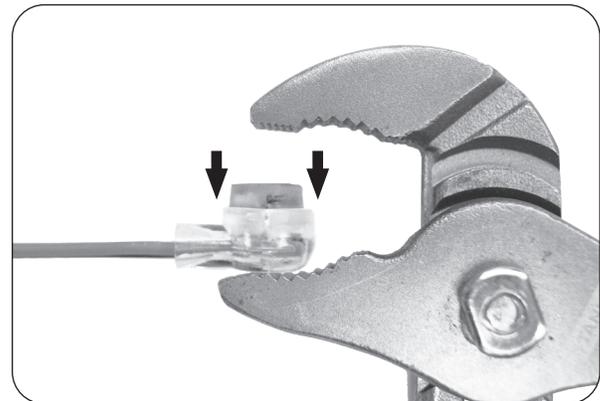


Fig. 2-2 Snap connector closed