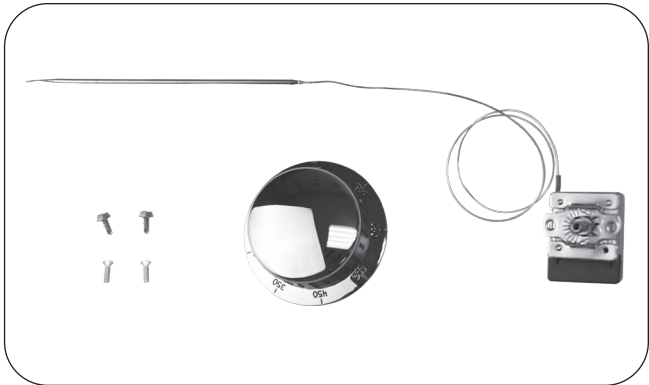




# Pizza Oven Thermostat Control Replacement

Model # 24195-12

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



This Fire Magic thermostat control replacement kit is for replacement on Fire Magic pizza ovens. Read these instructions completely prior to installing.

1. Be sure the unit is completely cool, the control knob is turned to the OFF position, the gas supply is shut off, and the power supply is disconnected.
2. Remove the control knob from the thermostat control stem. Then gently lift the LED disk from the stem and let it rest from the wire. See Fig. 1-1.
3. Using a Phillip's head screwdriver, remove the two thermostat screws from the control panel (the thermostat will drop). See Fig. 1-1.
4. Unscrew and remove the control panel fastener screws and washers. Retain the screws for later re-installation. Then, carefully open the control panel by lifting and pulling it from the frame, allowing it to rest on the internal chains. Refer to the appliance owner's manual if needed.
5. Disconnect the two wires from the back of the thermostat (see Fig. 1-2).
6. Using a 1/4" hex driver, remove the two screws and the bracket that holds the thermostat sensing bulb. Save bracket for later installation. See Fig. 1-3.

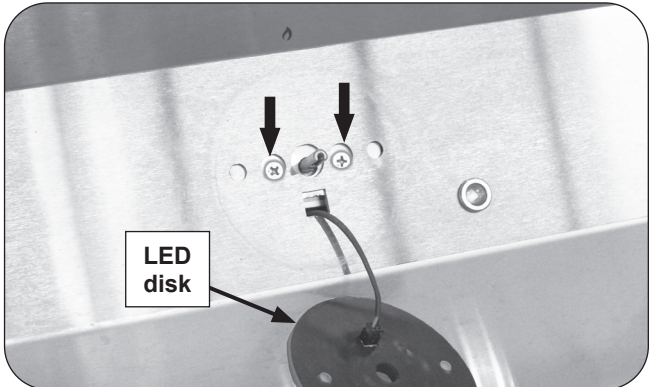


Fig. 1-1 Remove thermostat screws

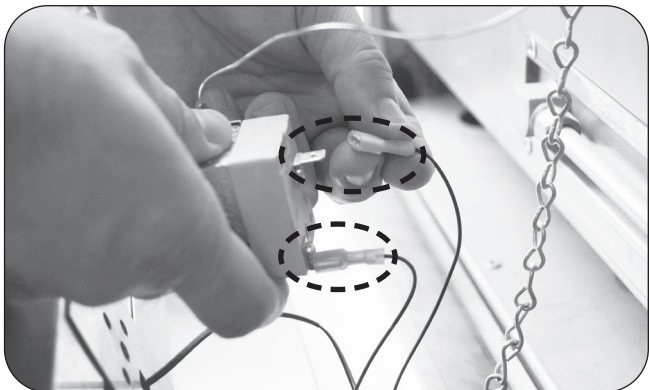


Fig. 1-2 Disconnect wires

Installation continued on next page

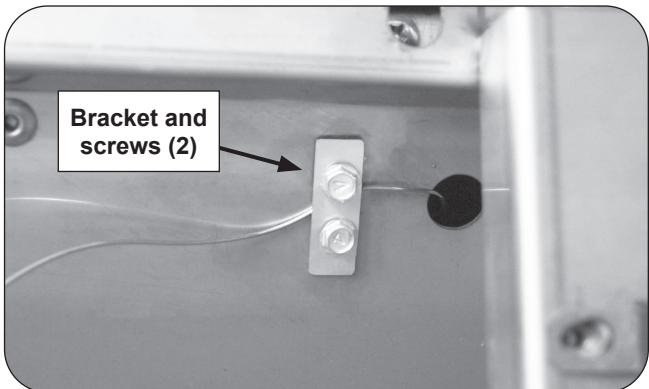


Fig. 1-3 Bracket and screw detail

7. Carefully slide out the old thermostat sensing bulb and tube.
8. Measure 7 1/2" from the new thermostat sensing bulb tip to the tube and gently create a slight bend (approximately 90°) in the tube (see Fig. 2-1).

**Note:** Do not stretch out tube to straighten. Uncoil the tube by gently unwinding the curve to straighten. Do not kink the tube.

9. Insert the new thermostat sensing bulb into the opening and carefully slide inward being sure to go through both spacer holes inside the bulb housing. See Fig. 2-2. Resecure the tube using the previously removed bracket and the two supplied hex screws.
10. Connect the two wires into any of the two thermostat terminals.
11. With the thermostat tube on top, orient the new thermostat control over the control panel opening, and insert the stem through the hole. Align the thermostat screw holes and secure the thermostat to the control panel with the remaining provided screws. See Fig. 2-3.

12. Resecure the control panel.

13. Take the LED disk and align the center hole over the new control knob bushing insert as shown in Fig. 2-4, A. While holding both pieces together, carefully install the knob/LED disk onto the thermostat control stem. See Fig. 2-4, B.

**Note:** Only use new knob supplied with kit.

14. Turn on gas and power supply, and test the unit.

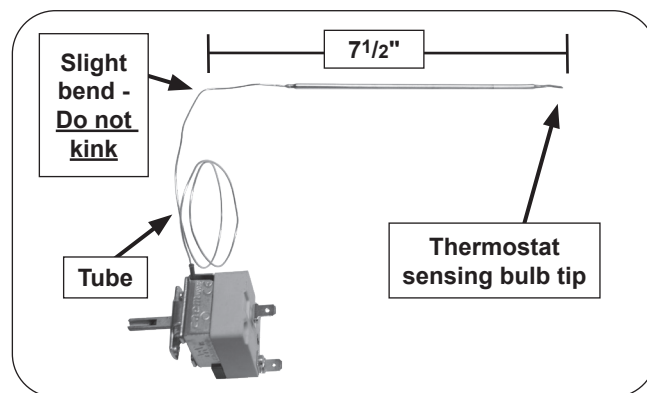


Fig. 2-1 Measure and bend tube

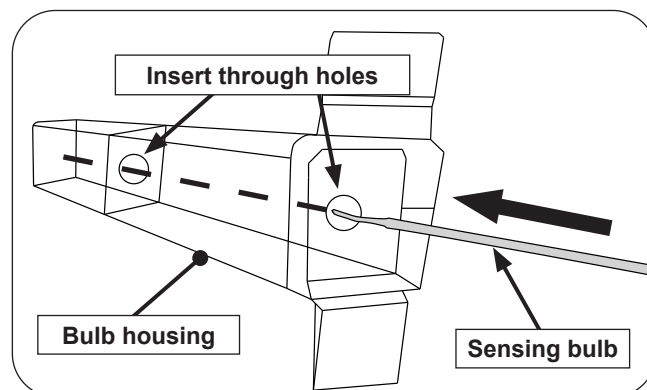


Fig. 2-2 Insert thermostat bulb into center spacers

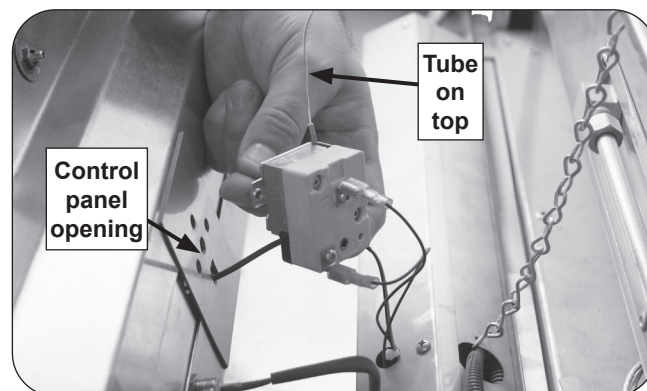


Fig. 2-3 Orient thermostat

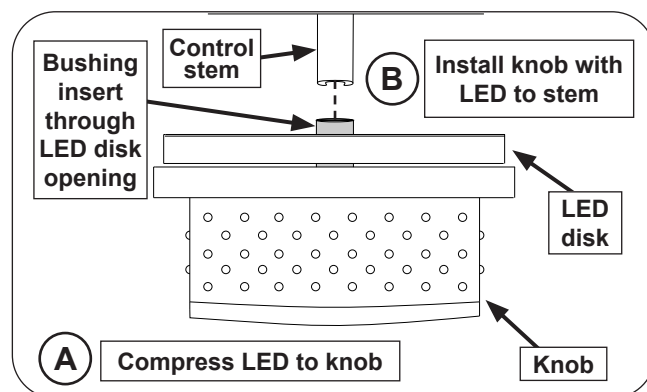


Fig. 2-4 Control knob and LED disk detail