

SERVICE INSTRUCTIONS

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KEATING
OF CHICAGO, INC. ®

Part # 031538

1-800-KEATING

REMOVAL AND REPLACEMENT OF THERMOSTAT FOR ELECTRIC FRYER *(part # 031099)*

The Keating Thermostat controls the temperature of the fryer within a pre-selected range for the purpose of cooking food products.

REMOVAL:

1. Disconnect electric power source.
2. Drain oil into approved container and set aside.
3. Loosen two thermostat bulb clamps on upper element and slide clamps away from thermostat bulb.
4. Remove thermostat knob by carefully pulling it straight out from control panel.
5. Remove dial plate by removing three screws and pulling it from control panel.
6. Remove control panel.
7. Remove two screws which hold thermostat body to control panel.
8. Disconnect two wires from thermostat body, carefully noting connections.
9. Remove contactor shield by removing two screws.
10. Completely loosen compression nut holding thermostat bulb.
11. Completely loosen reducing bushing ("compression fitting") from fryer vessel.
12. Remove complete assembly from fryer vessel.

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CONTINUED

REPLACEMENT:

1. Set compression ring onto capillary end of bulb finger tight, 1/2" from end of bulb.
2. Apply oil resistant flexible sealant onto reducing bushing ("compression fitting") threads before installing bushing into fryer vessel.
3. Position bulb against upper element and install reducing bushing ("compression fitting") snugly into fryer vessel.
4. Bend bulb so it contacts upper element and tighten compression nut onto reducing bushing ("compression fitting").
5. Replace contactor shield with two screws.
6. Slide black fabric sleeve over capillary and carefully coil capillary. Avoid crimping.
7. Reconnect two wires to thermostat body.
8. Replace two screws which hold thermostat body to control panel.
9. Replace control panel.
10. Replace three retaining screws and washers which hold dial plate in place.
11. Replace thermostat knob.
12. Slide two element clamps over thermostat bulb and upper element. Tighten both clamps to attach bulb to element.
13. Connect electric power source.
14. Boil-out fryer.
15. Refill fryer with oil to "Fill Level" line.
16. Start fryer, preheat and calibrate with thermometer.