

# SERVICE INSTRUCTIONS

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**KEATING**  
OF CHICAGO, INC. ®

1-800-KEATING

## REMOVAL OF ELEMENTS ON ELECTRIC FRYERS

The Keating Elements provide maximum output and have stainless steel surfaces to make cleaning easier and provide maximum heat transfer to the oil and 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. For 18" and 20" fryers, remove two element spacers by loosening two screws on each spacer. Carefully note position of spacers onto elements.
4. Remove control panel.
5. Remove contractor shield by removing two screws.
6. Remove black and red wires from both ends of faulty element by unscrewing terminal binding post screws.
7. Remove element by unscrewing nuts and removing washers from both ends of element.

### NOTE FOR REPLACING ELEMENTS ON ELECTRIC FRYERS

WHEN REPLACING OLD ELEMENTS ON OLD FRYERS IN THE FIELD, ALL WIRES LEADING TO THE ELEMENTS FROM THE CONTACTORS SHOULD HAVE BUTT CONNECTORS ATTACHED TO THE ENDS OF THE WIRES. THE BUTT CONNECTORS SHOULD BE CRIMPED ONTO THE EXPOSED WIRES. THE BUTT CONNECTORS ARE THEN PUT THROUGH THE HOLES ON ELEMENTS AND TIGHTENED DOWN WITH THE SCREW. MAKE SURE THE BUTT CONNECTOR IS PUSHED HALFWAY THROUGH THE HOLE ON THE ELEMENT SO THAT THE SCREW TIGHTENS ON THE BUTT CONNECTOR CLOSEST TO THE WIRE INSULATION.

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## REPLACEMENT OF ELEMENTS ON ELECTRIC FRYERS

Replacement:

1. Remove brass nuts and steel washers from both ends of new element. Leave Teflon washers in place.
2. Tilt ends of element down and insert them into holes in vessel.
3. Apply high temperature silicone sealant evenly onto outside of vessel around ends of element.
4. Slide a steel washer onto each end of element. Make sure silicone sealant covers entire area under each washer.
5. Screw a brass nut onto each end of element and tighten it.
6. Connect black and red wires to ends of elements and tighten terminal binding posts.
7. Replace contactor shield with two screws.
8. Replace control panel.
9. Slide two element clamps over thermostat bulb and upper element. Tighten both clamps to attach bulb to element. For 18" and 20" fryers, replace both element spacers by tightening two screws on each spacer.
10. Connect electrical power source.
11. Boil-out fryer
12. Refill fryer with oil to "Fill Level" line.