

SERVICE INSTRUCTIONS

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REMOVAL AND REPLACEMENT OF ELECTRIC GRIDDLE ELEMENTS

REMOVAL:

1. Disconnect electric power source.
2. Remove lower heat shield by removing two screws and tilting it toward you until it drops from control panel.
3. Remove control panel by removing four screws and support it to prevent damage to wiring or other components.
4. Remove upper heat shield by removing screws holding it in place.
5. Locate element hold down brackets surrounding thermostat bulb and loosen nuts enough to slide bulb out.

NOTE: FOR ELEMENT NEXT TO GREASE TROUGH, SLIDE BULB TOWARD REAR OF GRIDDLE TO REMOVE IT.

6. Remove element by unscrewing all nuts and carefully lowering hold down brackets, element pan, insulation board, heat dispersion plate and element.

REPLACEMENT:

1. Raise new element along with heat dispersion plate, insulation board, element pan and hold down brackets and fasten in place with nuts, washers and lock washers. Do not tighten nuts for bracket which holds thermostat bulb.
2. Slide thermostat bulb into holder under heating element. Slide fabric sleeve to where bulb joins capillary and tighten element hold down nuts.
3. Before re-connecting the wires, prepare the heating element hardware and modify the wire ends according to the following instructions:
 1. Discard the 2 split ring lockwashers, binding post, and binding post setscrew and one 10-32 nut (leave one 10-32 nut up against the ceramic bushing at the end of the element. Tighten to 10 inch pounds of torque; be careful not to over-tighten for risk of cracking the bushing).
 2. Cut the butt connector off each of the existing wires, just behind the butt connector.
 3. Strip the wire insulation 5/16" back; be careful not to nick any of the wire strands.
 4. Install one piece of heatshrink tubing (clear) on each wire.
 5. Crimp a ring terminal on each wire ensuring that the crimp is secure. The new crimp should be able to withstand a pulling force of at least 40 lbs.

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6. Position the shrink tubing to cover the ring terminal barrel and wire braid, but do not let the tubing extend beyond the barrel where it could interfere with installing the flatwasher and lockwasher hardware in later steps. Repeat on the other wire.
 7. Shrink the tubing using a heatgun that can reach a temperature of at least 550° F. Be careful not to burn either the tubing or the wire insulation. Repeat on the other wire.
 8. Install the hardware in the following order (See Figure):
 - (1) Lockwasher (Item A)
 - (2) Ring terminal/wire assembly
 - (3) Flatwasher (Item B)
 - (4) Lockwasher (Item A)
 - (5) Nut (Item C)
 9. Tighten the nut to 10 inch pounds torque.
 10. Repeat steps 7 and 8 for the other wire connection.
4. Replace upper heat shield and fasten with screws.
 5. Replace control panel with four screws.
 6. Replace lower heat shield by sliding it under control panel then tilt it up. Fasten it in place with two screws.
 7. Connect electrical power source.

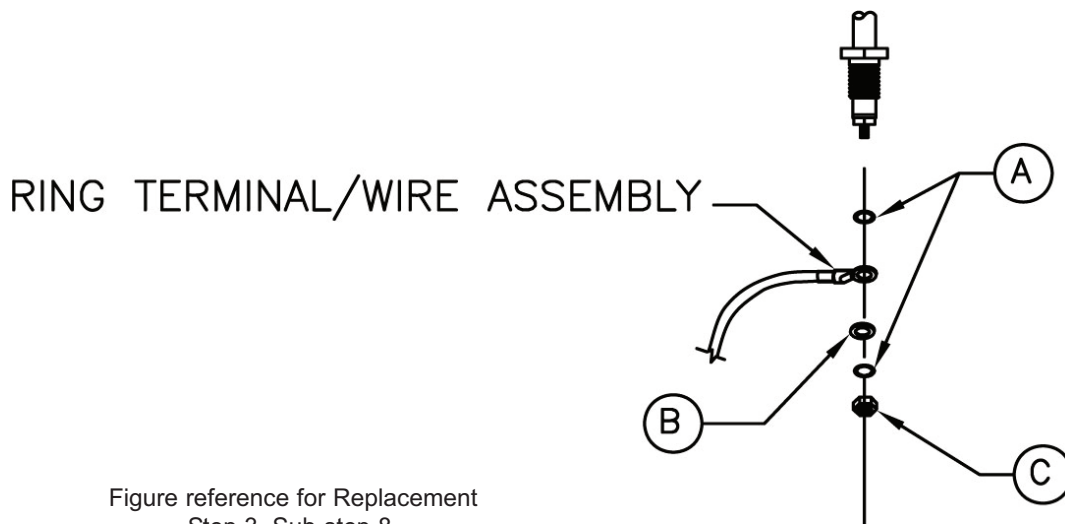


Figure reference for Replacement
Step 3, Sub-step 8.