



SERVER

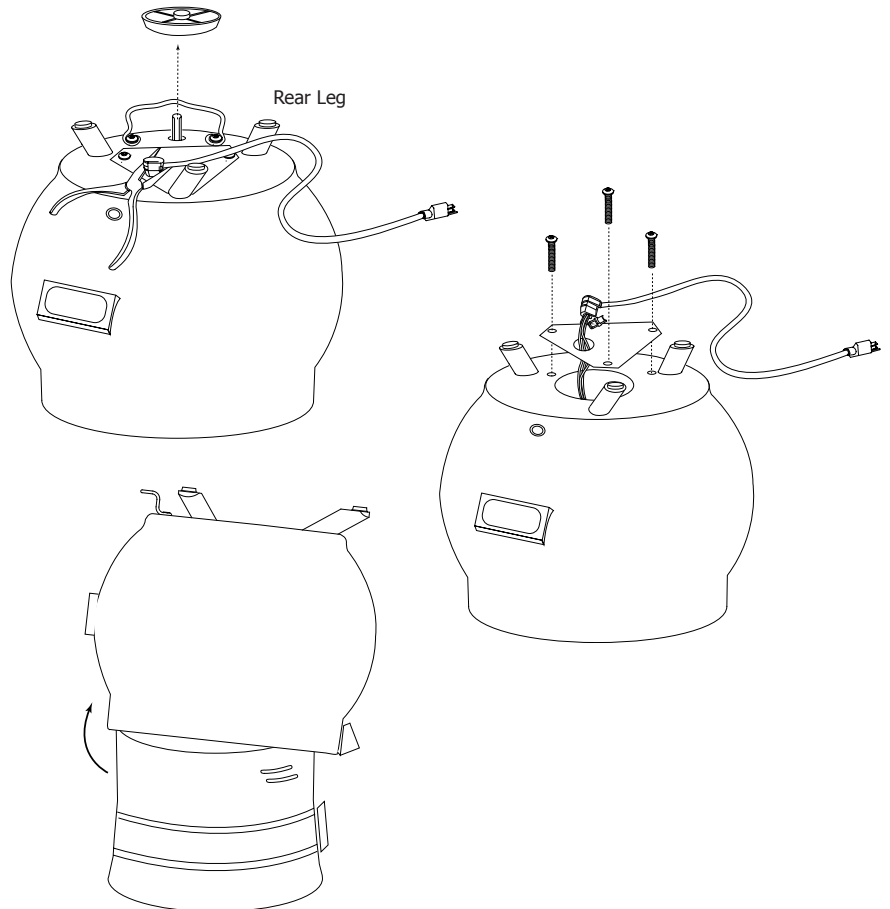
KETTLE SERVER

WATER VESSEL REPLACEMENT

Stock No. 84357

WATER VESSEL REPLACEMENT

- 1 TURN UNIT OFF AND UNPLUG CORD. Allow unit to fully cool before proceeding to next step.
- 2 REMOVE ANY ACCESSORIES, LID, AND INSET. To remove lid, locate spring towards bottom of hinge socket on shroud. Push spring towards shroud while firmly pulling lid and hinge up and out of hinge socket.
- 3 EMPTY WATER VESSEL OVER A SINK OR DRAIN. Set unit upside down on a work surface. Position the unit so the rear leg is towards you.
- 4 REMOVE THERMOSTAT KNOB FROM THERMOSTAT SHAFT by pulling knob straight off of shaft.
- 5 UNSCREW 3 SCREWS FROM BOTTOM OF SHROUD TO RELEASE WATER VESSEL FROM KETTLE ASSEMBLY.
  - Remove Heyco (strain relief bushing) from bottom of shroud using a Heyco tool from Heyco manufacturer, or a needle-nose pliers, or a needle nose Vise-Grip. Pinch Heyco under location where cord enters Heyco and pull Heyco out of opening in bottom of shroud. Open Heyco to release cord.
  - Use a diagonal cutters or scissors to cut the wire tie fastening the wires together at the bottom of the kettle.
- 6 DISCONNECT LEADS.



**For Kettle Servers Series 99J to present:** Remove wire nut to disconnect heating element lead from indicator light. Remove screw to disconnect other heating element lead from thermostat. Save this screw for heating element installation.

**For Kettle Servers Series Prior to 99J:** Remove wire nut from cord assembly white wire (120V units) or blue wire (230V units) to disconnect heating element lead from cord assembly. Save this wire nut for heating element installation. Remove screw connecting other heating element lead white wire (with terminal) to thermostat.

DISCONNECT TAN WIRE BETWEEN THERMAL CUTOUT AND CORD ASSEMBLY BLACK WIRE (120V UNITS) OR BROWN WIRE (230V UNITS) AT THERMAL CUTOUT.

CAREFULLY LIFT KETTLE ASSEMBLY up and off thermostat shaft and set aside.

Some older units may also have a tan wire between the water vessel and the shroud in addition to a green ground wire coming from the cord assembly.

Remove and discard this tan wire. Make sure the green ground wire coming from the cord assembly remains attached to the shroud of the unit.

WIRING DIAGRAMS

1 Cord Assembly: 120V/60Hz

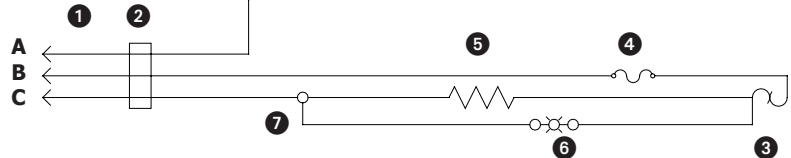
- A Green
- B Black
- C White

Cord Assembly: 230V/50Hz

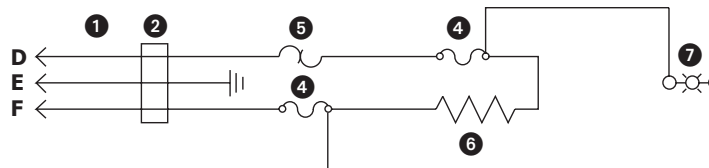
- D Yellow/Green
- E Brown
- F Blue

- 2 HEYCO (Bushing/Strain Relief, Right Angle)
- 3 THERMOSTAT
- 4 THERMAL CUTOUT
- 5 HEATING ELEMENT
- 6 INDICATOR LIGHT
- 7 WIRE NUT

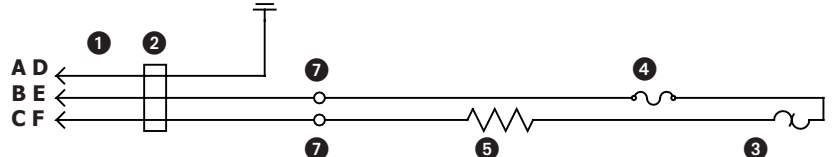
Kettle Server 120V Units (Series 99J to present)



Kettle Server 230V Units (Series 99J to present)



Kettle Server 120V & 230V Units (prior to 99J)



## WATER VESSEL REPLACEMENT (CONTIN.)

- 7 Carefully bend the corners of the thermostat bulb bracket outward until the bulb can be removed from the bracket. \*
- 8 Remove the nuts and lockwashers securing the thermostat box bracket to the water vessel and remove the thermostat, box bracket, and thermostat bulb as an assembly. (See Diagram "A")
- 9 Loosen the nuts on the heating element assembly until the heating element and thermostat bulb bracket can be slipped from the old water vessel.
- 10 Turn the new water vessel upside down and position it so the thermostat box bracket will be toward your right for SERIES PRIOR TO 99J, and directly opposite you if after SERIES 99J. (See Diagram "A")
- 11 Install the thermostat and box bracket assembly on the new water vessel using the nuts and washers from step 8 and tighten the nuts firmly.
- 12 Position the thermostat bulb bracket so it is in line with and centered relative to the rear coupling nut on the water vessel assembly. Refer to Diagram "A". Mark the bracket location on the water vessel.\*
- 13 Loosely install the heating element assembly on the water vessel with the heating element gap between the thermostat and the location for the thermostat bulb bracket. The embossed (raised) area of the heating element must be to the left side of the gap. Locate the heating element assembly approximately 1/4" below the bottom of the water vessel.\*
- 14 Install the thermostat bulb bracket between the heating element band and the water vessel assembly at the marked location. Align the left edge of the heating element gap with the edge of the thermostat bulb bracket closest to the thermostat as shown. Tighten the nuts/screws of the heating element assembly to 15 inch-pounds torque.
- 15 Carefully insert the thermostat bulb in the bulb bracket. Use large bends to avoid kinking of the thermostat bulb capillary tube when routing the thermostat bulb to the bracket. Carefully crimp the corners of the bulb bracket to secure the bulb. \*
- 16 Connect the heating element white wire with terminal to the thermostat using the screw removed in step 6 .
- 17 Lay the new water vessel and the kettle on their side with the bottom of the water vessel towards the kettle opening.
- 18 Connect the heating element white wire without terminal to the cord assembly white wire using the wire nut removed in step 6 . Twist the wires together by hand before installing the wire nut.
- 19 Connect the tan lead (on units prior to series 99J) from the power cord black wire to the thermal cutout.

MAKE A LOOP AROUND THE CORD ASSEMBLY, inside the kettle, with the supplied wire tie. The wire tie serrations must be toward the inside of the loop. Position the cord assembly white and black wires and the wires to the heating element and thermal cutout so they are against the green ground wire. Slide the wire tie up until it is located just below the wire nuts and tighten the loop firmly.

START THE KETTLE ONTO THE WATER VESSEL, aligning the thermostat shaft with the opening in the kettle, then turn the unit upside down.

INSTALL THE THREE SCREWS THAT ATTACH THE WATER VESSEL TO THE KETTLE.

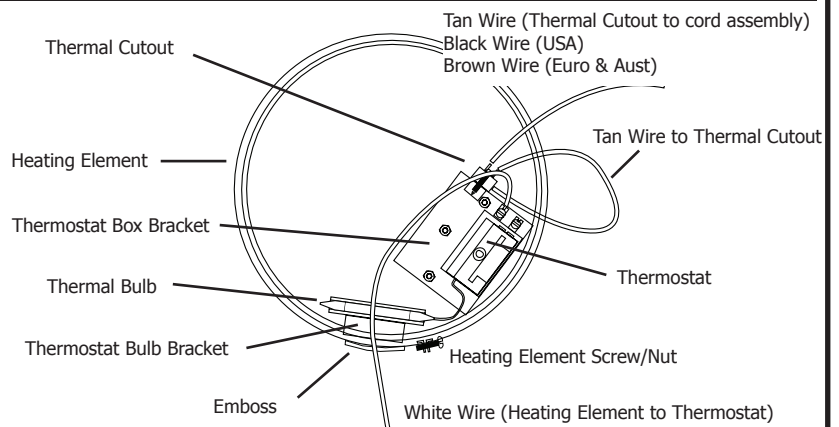
CAREFULLY PULL THE CORD ASSEMBLY OUT TO ITS ORIGINAL POSITION. Install the strain relief bushing on the cord assembly in its original location. Use a Heyco tool or pliers to install the bushing in the kettle bottom.

INSTALL THE THERMOSTAT KNOB. Turn the unit over so it is resting on its feet. Add about one to one and one half inches of water to the water vessel and place the inset in the water vessel.

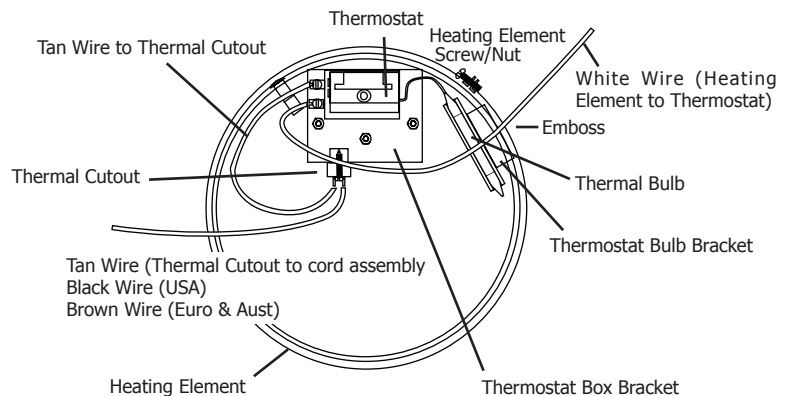
INSTALL THE LID ON THE KETTLE ASSEMBLY. Plug the cord assembly into the outlet. Return the unit to service.

\* - prior to 06A only

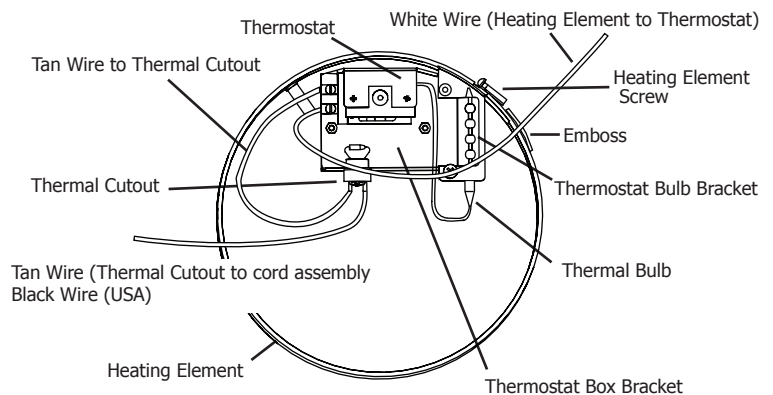
## DIAGRAM "A" WATER VESSEL (BOTTOM VIEW)



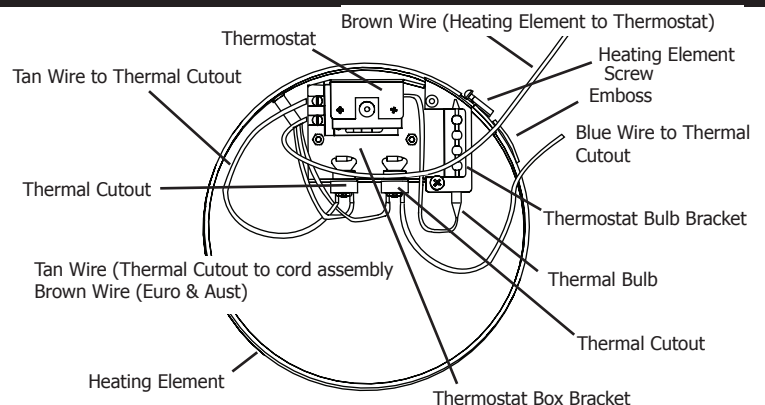
### Kettle Server 120V and 230V Units (prior to 99J)



### Kettle Server 120V and 230V Units (Series 99J to 03H)



### Kettle Server 120V Units (Series 06A to present)



### Kettle Server 230V Units (Series 06A to present)