



SERVICE INSTRUCTIONS

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FIELD TEST PROCEDURE TO CHECK THERMOSTAT FOR WARRANTY PART REPLACEMENT

THIS FORM MUST BE COMPLETED AND SUBMITTED WITH YOUR WARRANTY INVOICE AND DEFECTIVE PART. WARRANTY REPLACEMENT WILL NOT BE HONORED WITHOUT THE INFORMATION FILLED IN, DMM READINGS, AND BOXES CHECKED.

Your Invoice Number: _____

Keating Work Authorization Number: _____

Thermostat Part Number: _____

Equipment Model Number: _____

Date of Test: _____

Equipment Serial Number: _____

THERMOSTAT MAY BE TESTED WHILE INSTALLED IN PRODUCT, OR REMOVED. IF TESTED IN THE PRODUCT, MAKE SURE THERMOSTAT BULB IS AT ROOM TEMPERATURE (70° TO 75°F). THIS TEST CANNOT BE RUN IF THE THERMOSTAT BULB IS IN HOT OIL, WATER, OR GRIDDLE PLATE.

NOTE: MAKE SURE WIRES ARE DISCONNECTED FROM THERMOSTAT BEFORE TESTING.

Check the boxes below for each step completed AND fill in the data required below.

- 1. Use a good quality DMM (Digital Multi-Meter) with very clean lead probes/clips.
- 2. Set-up DMM to measure ohms (Ω resistance, on lowest scale. Zero check - hold DMM leads tightly together. Record DMM reading: _____ DMM reading must be 0.5 ohms or less. (Clean or change probes or meter if reading is above 0.5 ohms.)
- 3. Connect DMM leads to thermostat terminals, red lead to one terminal, black to other terminal.
- 4. Install thermostat knob and adjust fully CCW, all the way OFF.
- 5. Record DMM reading: _____ DMM must read greater than 1M ohm, or "OL".
Steps 6, 7, and 8 must be done when the thermostat bulb and capillary have been at room temperature (70° to 75°F) for at least 1 hour.
- 6. Rotate thermostat knob from fully OFF to fully ON several times to clear away any grease or oil build-up on contacts. Then, from the fully CCW (OFF) position, adjust thermostat knob CW just until click is heard, then STOP rotating, don't back up rotating. The thermostat contacts should be closed.
- 7. Record DMM reading: _____ DMM must read 1.0 ohm or less.
- Repeat steps 6 and 7 a few times. Allow DMM to settle after thermostat contacts close. Make sure that DMM leads are tightly clipped onto thermostat leads. After repeating steps 6 and 7 a few times, readings that vary from 1.0 ohm to several ohms or more could indicate extremely dirty or corroded contacts, resulting in a "failed" thermostat.
Readings intermittent? Yes No
- 8. The knob pointer should be pointing in the marked area shown in the diagrams in Figure 1. MAKE SURE TO LOCATE YOUR THERMOSTAT PART NUMBER (on other side) AND USE THE CORRECT FIGURE.
- 9. If any of the above tests fail, the thermostat is defective and must be replaced.



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CAUTION! USE KNOB SUPPLIED WITH ORIGINAL THERMOSTAT, OTHERWISE POINTER POSITIONS WILL NOT BE CORRECT.

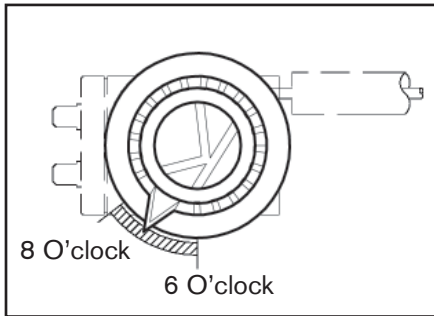


Figure 1

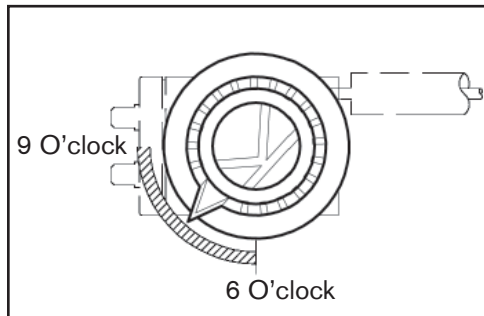


Figure 2

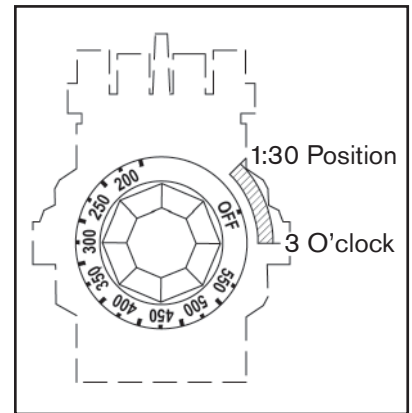


Figure 3

- 10. For the following Fryer thermostats, use Figure 1:
023145
023585
031099
035553
035574
035575

- 13. For the following thermostats, use Figure 3:
002575
012001
037301
037392

- 11. For the following Griddle thermostats, use Figure 1:
023897
029519
029521
031697
035954
037088

- 14. For the following Pasta thermostat, use Figure 4:
031466

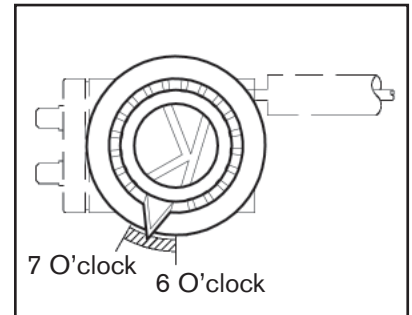


Figure 4

Service Technician Performing Tests:

Name of Company:

Please include signature here

Please print name of company here

Please print name here