### SERVICE INSTRUCTIONS

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1-800-KEATING

# CONVERTING KEATING MODELS BB & TS FRYERS FROM NATURAL GAS TO PROPANE GAS

**NOTE:** In replacements and conversions use only new parts. **WARNING:** Improper operation could result in death or serious injury.

**WARNING:** When changing to propane or natural gas always change the burner and pilot

orifices.

#### These instructions apply to BB and TS models only.

- 1. Disconnect power source.
- 2. Turn off gas supply.

#### Gas Valve (Refer to Figure 1)

- 1. Remove regulator cover screw.
- 2. Remove regulator adjustment screw counter clockwise (beneath the cover screw).
- 3. Remove regulator spring from regulator sleeve.
- 4. Insert the spring provided in the conversion kit.
- 5. Replace the regulator adjustment screw.
- 6. Check for leaks.
- 7. Adjust the gas pressure from 4.0 inches water column for Natural gas to 10 inches water column for Propane gas.
- 8. Replace the regulator cover screw.
- 9. Attach the "WARNING LABEL" (provided in the kit) to the gas valve where it can be readily seen.

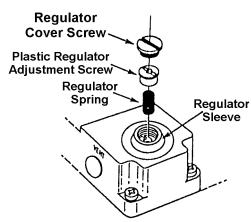
#### **Burner Orifice**

- 1. Remove the control panel by removing the two sheet metal screws underneath the control panel. Then pull bottom up and pull out (Removal only applies to 14" and 10x11 Models).
- 2. Remove the control panel back by removing the four screws and carefully lower (Removal only applies to 14" and 10x11 Models).
- 3. Remove the heat shield and the hold down bar.
- 4. "CAUTION" burners may be hot.
- 5. Lift each burner up, tilt it towards you and lift it until its base clears the orifice (gas manifold) spud.
- 6. Replace the orifices (Call 1-800-KEATING for correct orifice size).
- 7. The burners must be properly aligned with heat tubes when reassembling.

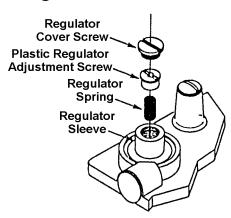
#### Pilot Orifice (Refer to Figure 2) With burners removed

- 1. Remove the air-shutter clip.
- 2. Remove the fitting compression orifice holder.
- 3. Remove the 1/4" aluminum tubing.
- 4. Remove orifice and replace with the required orifice (Call 1-800-KEATING for correct orifice size).
- 5. Reassemble, tighten and check for leaks.

**WARNING:** Always check for gas leaks using soapy water. Never use an open flame to check for gas leaks.







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