

SERVICE INSTRUCTIONS

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KEATING
OF CHICAGO, INC. ®

1-800-KEATING

CONVERTING KEATING MODEL AA FRYERS FROM PROPANE GAS TO NATURAL GAS

① **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.

Gas Valve (Refer to Figure 1)

1. Disconnect gas supply.
2. Remove two screws from regulator.
3. Remove the regulator and the gasket.
4. Install gasket, regulator and the 2 screws from conversion kit.
5. Check for leaks.
6. Set gas pressure from 10.0 inches water column for Propane gas to 4.0 inches water column for Natural gas.
7. Attach the **WARNING LABEL** (provided in the kit) to the gas valve where it can be readily seen.

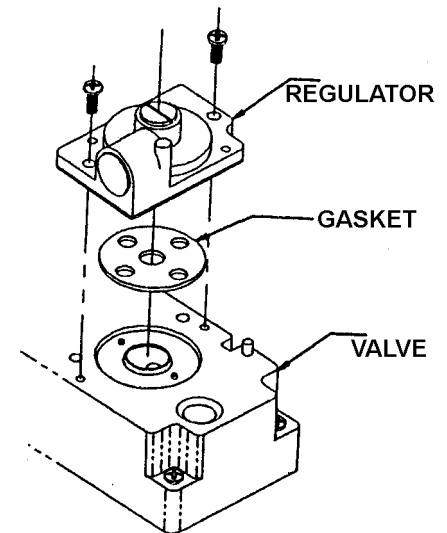


Figure 1.

Burner Orifice

1. Turn off gas supply.
2. 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).
3. Remove the control panel back by removing the four screws and carefully lower (Removal only applies to 14" and 10x11 Models).
4. Remove the heat shield and the hold down bar.
5. **"CAUTION"** burners may be hot.
6. Lift each burner up, tilt it towards you and lift it until its base clears the orifice (gas manifold) spud.
7. Replace the orifices (Call 1-800-KEATING for correct orifice size).
8. 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 1/4" aluminum tubing.
3. Remove the fitting compression orifice holder.
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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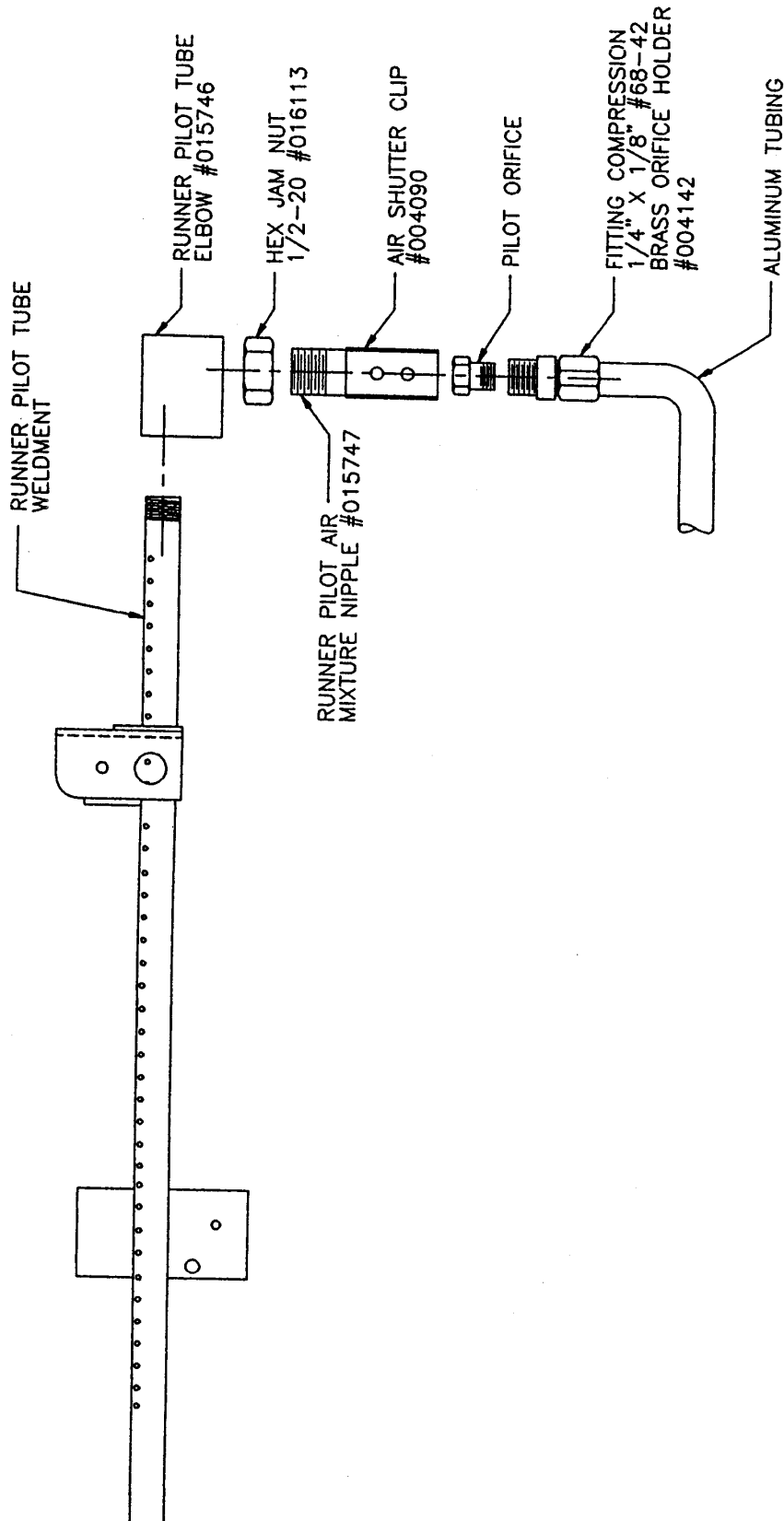


Figure 2.