

## Gas Conversion From Natural To LP Gas



Before starting fuel conversion of any gas appliance, make sure the appliance has cooled to room temperature.

### The following tools are needed to perform fuel conversion of this unit:

- Conversion Kit
- $\frac{3}{32}$ " Flathead Screwdriver
- Phillips Screwdriver
- Use & Care Manual
- $\frac{7}{8}$ " Open End Wrench or Adjustable Crescent Wrench
- $\frac{9}{32}$ " (7mm) Socket Wrench or Adjustable Crescent Wrench

### Pressure Regulator

1. Remove the cook top from the range.
2. Use the  $\frac{7}{8}$ " wrench to unscrew the brass cap off the *Maxitrol* pressure regulator.
3. Remove the plastic stem from the bottom of the selector cap.
4. Turn the stem over so that the disc is facing away from the brass cap and clip back into place.
5. Screw the brass cap back into place.
6. If the range does not have a *Maxitrol* brand regulator, refer to the Use & Care Manual for more information.



### Top Burners

1. With the cook top still removed from the appliance, remove all four (4) top burners off the gas valves.
2. Use the  $\frac{9}{32}$ " (7mm) socket wrench to remove all four (4) brass orifices from the gas valves.
3. Replace each 1.4mm orifice with a 0.85mm LP top burner orifice found in the Conversion Kit.
4. Reattach the top burners to the on the gas valves and burner support.
5. When the range is put back in operation, you must adjust the minimum flame turn down on each valve.
  - a. Ignite the burner and turn the knob to the "LOW" position.
  - b. Remove the knob from the front of the top burner valve.
  - c. Use the  $\frac{3}{32}$ " screwdriver to turn the minimum flame screw clockwise to adjust low flame size.
  - d. A properly adjusted minimum flame should be about  $\frac{1}{8}$ " in height.
  - e. Replace the oven knob.
6. If your range has pilot ignition, use the  $\frac{3}{32}$ " screwdriver to adjust the size of the top burner pilots.
7. Refer to the Use & Care Manual for more information.



### Oven Burner

1. Open the oven door and remove the oven racks.
2. Remove the oven floor by lifting it from the rear and sliding it backward.
3. Use the Phillips screwdriver to detach the oven burner from the front burner support.
4. Gently lift the oven burner out of place to expose the brass orifice injector at the rear of the oven.
5. You do not have to remove the pilot burner or ignitor, but be careful not to pinch any tubes or wires.
6. Use the  $\frac{9}{32}$ " (7mm) socket wrench to remove the brass orifice from the gas injector.
7. Replace the 1.8mm orifice with the 1.1mm LP oven burner orifice found in the Conversion Kit.
8. If the oven has glow bar ignition, the orifice hood at the safety valve must be tightened on the LP pin.
9. Reattach the oven burner, and replace the oven floor, and oven racks.



### Oven Thermostat – Pilot or Spark Ignition Models Only

1. If your oven has pilot ignition, you must adjust the pilot flame when the range is put back in operation.
  - a. At the side of the thermostat, use the  $\frac{3}{32}$ " screwdriver to adjust the set screw on the pilot gas outlet.
  - b. Turn the pilot set screw clockwise until the pilot flame barely reaches the flame safety probe.
  - c. Refer to the Use & Care manual for more information.
2. Adjust the minimum oven flame on pilot or spark ignition ovens with the oven control set to "WM".
  - a. Remove the thermostat control knob.
  - b. Use the  $\frac{3}{32}$ " screwdriver to adjust the minimum flame screw on the front of the thermostat.
  - c. Look through the broiler door while adjusting this minimum flame screw clockwise.
  - d. Properly adjusted minimum flames at the oven burner appear as a row of  $\frac{1}{8}$ " diameter dots.
  - d. Replace the thermostat control knob.
3. Refer to the Use & Care Manual for more information.



When conversion is complete, remember to test all gas valves for leaks before cooking on the appliance.

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