

## Conversion Instruction for RON style grills.

### Main Burners:

- 1- Determine the existing gas format. Changing the gas type and orifice change out is the same for both gases.
- 2- You must remove all grates and burner covers to expose the main burners in the grill.
- 3- On the bottom back of each burner is cotter pin. Remove pin.
- 4- Slide burner back and out, repeat for ea. burner.
- 5- Where the burner was located going through a hole in the basin and connecting to the valve is now evacuated space.
- 6- Inside the space you will find the end of the valve (front of grill), with an orifice (brass fitting), screwed into the end of the valve stem.
- 7- Remove the orifice with a socket set and extension. (These are extremely fragile when turning. Be extremely gentle when removing).
- 8- Replace new change out orifice, (repeat for all burners). (When re-installing orifice do not over tighten or you will strip the brass fitting. Little pressure is needed!!!)
- 9- Replace burners and test for proper flame height. Flame should stand at ½" to 1" on low and 1.5" to 2" on high. (to adjust the low flame setting simply light the grill on the low setting and adjust the screw which is located under the knob on the front of the valve as per diagram below.)
- 10- Replace burner covers and grates.

**Note:** it may be necessary to adjust the air mixture on ea. burner after a conversion. Typically LP gas requires more primary air so open the air mixers to at least half open. The opposite is true for the NG gas. You can in some cases close these air mixer adjusters completely. (n/a on cast burners)

### Rotisserie burner:

- 1- Remove the back panel at the rear of the grill, this will expose the V shaped or pyramid shaped brass orifice.
- 2- Remove the existing orifice and replace with change out orifice.
- 3- Replace rear panel

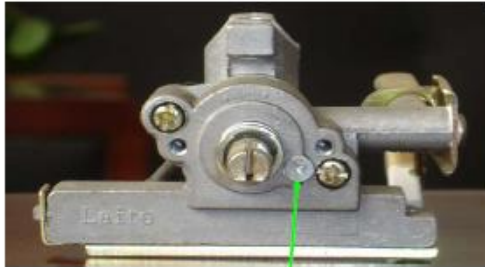
### Extra regulator:

Currently all grills are supplied with an extra regulator. Even LP set ups. When converting the gas application you must also convert the regulator by removing the large nut on regulator, pulling out the plastic orifice, flipping it over and replacing it. Tighten the large nut and you're ready to go. (This step does not apply to the hose/regulator set up, only the separate regulator).

**In order, the regulator must be installed and converted first in order to achieve the proper pressure to test the conversion steps 1-10 and back burner conversion 1-3 above.**

**To adjust the low flame setting if necessary.....**

Old Regulator



Both old and new regulators have a screw for low flame adjustment.

New Regulator



Factory has been using this new regulator for two years.  
A screw for low flame adjustment during gas conversion.

Simple Conversion Procedure:

1. To convert from NG to LP, first take off the knobs from control panel.
2. Release the screw with a small screw driver. (Don't take off this screw, just untighten it).
3. The stem can now be turned at more angles. Put the knob back and the conversion is done.

To convert back to NG, just keep the stem at OFF position and tighten the screw. Loosen the screw for LP, and tighten the screw for NG.

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