

6:4 (DC6)

Gas Conversion Instructions

A conversion label identifying which gas the unit has been converted to is included in this kit and must be attached beside the rating plate of the stove. The label must be properly and completely filled out by the installer.

Kit Number: AGA-DC64-NG
 Converting LP - NG Burners Controls

<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Sizes</u>
AG-7827	Rear Left	1	0.46
AG-7827	Front Center	1	0.46
AG-4280	Front Left - Main	1	0.71
7640	Front Left - Simmer	1	0.40
AG-7821	Rear Center	1	0.67
AG-7825	Rear Right	1	0.57
AG-7825	Front Right	1	0.57

Converting LP - NG Injectors

<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Sizes</u>
A3485	Rear Left	1	1.18
A3485	Front Center	1	1.18
A4231	Front Left main injector	1	2.15
A4234	Front Left simmer injector wt Venturing	1	
A4239	Rear Center Main injector wt main jet holder	1	1.90
A3488	Rear Right	1	1.55
A3488	Front Right	1	1.55

*** Note: Burner orifices may have been re-drilled to the size in the table above*

Normally the 6:4 (DC6) models are ordered from the factory pre-set for either natural gas or propane. However, they can be converted after installation by replacing the orifices in the burners with the appropriate orifice kit and changing the bypass screws in the valves. Each kit contains one set of orifices for each burner; the front left uses a simmer orifice and main orifice. The kit also contains the bypass screws for the valves.

Caution! Before proceeding with the conversion, shut off the gas supply to the appliance prior to disconnecting the electrical power. This installation must be performed by a Licensed Gas Technician.

"WARNING"

"This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's Instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit."

Converting the Regulator

Step 1: This range is equipped with a convertible pressure regulator. It is located at the rear of the unit. To convert the regulator, remove the cap with a wrench. On the inside of the cap you will see a plug. Pull off this plug and flip it around to convert the regulator. Re-assemble the plug and cap to the regulator.

Removing the spillage wells and handle rail

Step 1: Remove power and turn off gas supply.

Step 2: Remove all burner grates, burner pieces, and control knobs.

Step 3: To remove the hand rail start by loosening two grub screws, one at each end of the hand rail using 3/32 socket key. Then slide the handrail forwards, off locating studs.

Step 4: Remove the burner fixing screws (14) and hotplate fixing nuts (8) using your thumb or a rubber end of a screw driver. Then insert a screw driver to remove the corner stay nuts (8).

Step 5: When removing the spillage wells be aware there is an earth lead under each spillage well that must be disconnected from the main body. The correct order to remove the spillage well is left hand, right hand, then the center.

Note: If the earth lead is not re-attached you will not have power to the electrodes or clock.

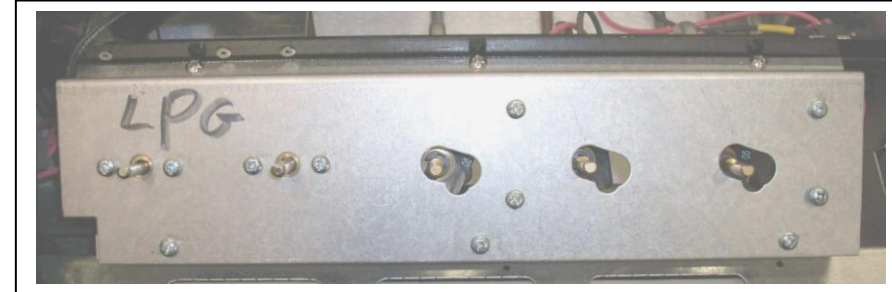
Now you will have access to all the burner orifices shown in the picture below.

Removing the front control panels

Step 1: Remove two screws located under the control panels and two screws located behind the control panels. Be careful when removing the control panel as the indicator light is attached. It is optional to remove the wiring to the indicator light. If removed, the wires must be reconnected in the same order.

Step 2: With the control panel removed, you will see the heat shield attached to the thermostats and manifold. Remove the 3 screws on top and 7 screws holding the heat shield to the manifold, again its optional to remove the screws securing the thermostats.

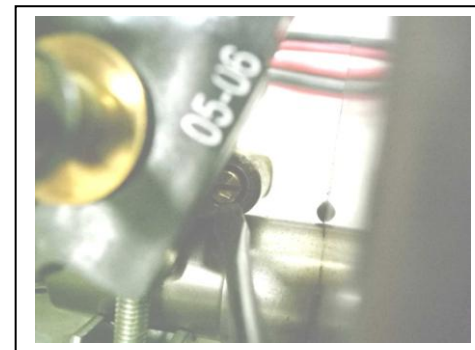
Now you will have access to all the burner valves and bypass screws.



Changing the bypass screws

Step 1: Using a Phillips screw driver remove the bypass screws from the gas valves. You will need to rotate the ignition switches out of the way to see the bypass screws. Grab the bypass screws with needle-nose pliers and reinsert with the same pliers. Refer to the orifice chart for part numbers and sizes.

Step 2: The front left burner will have two bypass screws. Refer to the orifice chart for part numbers and sizes.



Changing the Orifices

Step 1: Using a 7mm nut driver you will be able to unscrew the existing orifices in the rear left, center front, rear and front right. Refer to the chart

Step 2: Using a 10mm wrench you will be able to unscrew the existing orifices in the front left and rear center burners. Refer to the orifice chart for part numbers and sizes.

Step 3: The front left burner has a simmer orifice that needs to be changed as well. To gain access of this orifice you will have to unscrew the burner from the oven frame and disconnect the simmer gas line using a 10mm wrench and venturi tube using a 12mm wrench. The simmer orifice is connected to the venturi.

