



GAS CONVERSION KIT FROM NG TO LP (PROPANE) FOR MODELS: DHBQ, DELTA HEAT GRILLS SERIES

1. This gas conversion should be performed by a qualified technician in accordance with local codes and ordinances.
2. Ensure that you have the LP Gas Conversion Kit , as follows:

		DHBQ26G	DHBQ32G	DHBQ32R	DHBQ38R
2-1)	P/N S15133-56, Orifice #56	(2 pcs.)	(3 pcs.)	(3 pcs.)	(3 pcs.)
2-2)	P/N S15108-57, Orifice #57, Rotis	-	-	(1 pcs.)	(1 pc.)
2-3)	P/N S15344, LP Regulator with hose	(1 pc.)	(1 pc.)	(1 pcs.)	(1 pc.)
2-4)	P/N S12602, brass coupling ½ female pipe x 3/8 male flare	(1 pc.)	(1 pc.)	(1 pcs.)	(1 pc.)
2-5)	P/N, S18351, Conversion Label	(1 pc.)	(1 pc.)	(1 pcs.)	(1 pc.)

3. Replace gas orifices.

- 3-1) Main Burners

- a) Remove grill grates.
- b) Remove cooking radiants.
- c) Remove main burners.
- d) Remove main burner orifices,
 1. P/N S15133-49, NG – DHBQ32G / DHBQ32R
 2. P/N S15133-47, NG – DHBQ26G / DHBQ38R
- e) Replace main burner orifices with the supplied orifices.
 1. PN S15133-56, LP – DHBQ32G / DHBQ32R
- f) Adjust the air shutter on the burner for proper gas setting. Nominal opening for LP is .281". Adjust as necessary.
- g) Install back the main burners, cooking radiants and grill grates. **WARNING! IT IS CRITICAL THAT THE GAS BURNERS ARE PROPERLY INSTALLED WITH THEIR ORIFICES INSIDE THE BURNERS AIR SHUTTERS. If not properly installed, gas may leak outside of the burner that could lead to fire, potential damage to your grill and bodily injury**

- 3-2) Infrared Rotisserie Burner (DHBQ32R and DHBQ38R Model)

- a) Remove rear hood cover to expose infrared burner gas orifice
- b) Remove IR rotis burner orifice, P/N S15108-51, NG
- c) Replace IR rotis burner orifice with P/N S15108-57, LP.
- d) Replace rear hood cover.

- 4a) For LP-bottle installation, replace the NG regulator with the factory supplied LP regulator with hose.
 - 4a-1) Disconnect regulator from grill
 - 4a-2) Install the brass coupling ½ female pipe x 3/8 male flare
 - 4a-3) Install the factory-supplied regulator and hose assembly. Connect the 3/8" flare end of the hose to the grill coupling using a 3/4" open wrench. Do not apply pipe sealant to the 3/8" flare connection. Connect the regulator to the LP cylinder hand tighten it, do not use a wrench.
 - 4a-4) Check for gas leaks using soapy water solution.
- 4b) For LP Plumb-in installation.
 - 4b-1) Do not use the LP regulator with hose supplied with the kit.
 - 4b-2) Convert the plumb-in regulator installed on the unit from NG to LP
 - a) Remove the brass cap from regulator.
 - b) Check the plastic stem attached to the cap for LP mark
 - c) If NG mark is shown, pull out stem and invert it to show "LP"
 - d) Install cap back to regulator
 - 4b-3) Check for gas leaks using soapy water solution
- 5). Calibrate burner low flame setting
 - 5-1) The grill must be hooked up to the gas supply in order to calibrate burner.
 - 5-2) Turn on burner and set to low. At low setting, all ports of the burner must remain lit. If the flames are too high or too low, calibrate burner valve.
 - 5-3) To calibrate burner valve, pull off valve knob. Insert a skinny flat screwdriver into the valve stem
 - 5-4) Turn the adjusting screw inside the stem clockwise to decrease flame or counter clockwise to increase flame
- 6 The conversion is complete. Fill up the Conversion Label. Next, paste it next to the original Serial Plate.
- 7) The unit is ready for installation. Please refer back to the User's Manual to insure safety, proper care and operation.