



## Propane (LP) to Natural Gas Conversion

Conversion Kit includes:

- **Main burner orifices for Propane, per chart below:**

This Kit	Grill	Main	Rotisserie
		LP	LP
	15	#51 (1.70 mm)	
	21G	#54 (1.45 mm)	
	21GXL	#51 (1.70 mm)	
	27 Petite	#54 (1.45 mm)	
	27G	#51 (1.70 mm)	
	27GXL	#48 (1.95 mm)	1 - #53
	30	#41 (2.45 mm)	1 - #50
	36 small	#48 (1.95 mm)	
	36	#41 (2.45 mm)	1 - #50
	42	#41 (2.45 mm)	1 - #48
	56	#41 (2.45 mm)	1 - #48
	56T	#41 (2.45 mm)	1 - #50

**Tools Required:** Phillips Screwdriver; Adjustable wrench; 9/32” or 7mm socket, or small adjustable wrench; Solaire Screwdriver (.10” wide blade); Quarter (25¢ coin).

To Convert your **SOLAIRE INFRARED GRILL** from **Propane (LP) to Natural Gas**, follow these steps:

1. Turn off the gas supply leading to the grill.
2. Using a Phillips screwdriver, remove the rear access panel from the Grill (pedestal models only); this will give access to the Appliance Regulator. Disconnect the existing piping/hose to the grill.
3. Remove the Regulator ‘cap’ (a quarter (25¢ coin) is the perfect tool), turn it over 180° and refit it back onto the Regulator.
4. Remove existing Propane gas connection from inlet to Grill Regulator.
5. Assemble Natural Gas supply line (not included) to inlet of Grill Regulator.



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6. Refit the rear access panel (if equipped).
7. Remove the Grill cooking grids and the burners. Take care to not damage or move the igniter electrodes.
8. The main burner orifices are located at the end of the burner valves (where they enter the burner throat) and should be unscrewed and put aside (retain for future Propane use). Use either a 9/32" or 7mm socket, or the end of a small adjustable wrench to loosen, and later tighten, the burner orifices.
9. Replace the old Propane main burner orifices (smaller holes) with new Natural Gas orifices (larger holes).
10. Refit the main burners onto the burner valve orifices, taking care not to damage or move the igniter electrodes.
11. Turn on the gas at the propane tank. Test for leaks at the Appliance Regulator and Natural Gas line using a soapy solution.
12. After the Grill has been correctly converted and tested for leaks, follow the instructions for lighting the grill and check the burner flame characteristics as detailed in your care and use manual.
13. After the burners have been on for at least three minutes, adjust the Burner "Low" setting by inserting the Solaire screwdriver into the Burner Control Valve stem, and turn the adjustment screw counter-clockwise for more gas, clockwise for less gas, until a stable flame is available when the Burner Control Valve is set to the "Low" position.
14. After establishing that the burner characteristics are correct, refit the cooking grids.
15. Change the indication on the rating plate (located on the drip tray) to show that the unit has been converted to Natural Gas.

**Your SOLAIRE INFRARED Grill can now be operated on Propane.**



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