



## Natural Gas to Propane (LP) Conversion

Conversion Kit includes:

- One (1) SOL-6115R brass fitting – 3/8” Flare x 1/2” Male Iron Pipe
- One (1) SOL-6067R Regulator/Hose (30” and smaller),  
or One (1) SOL-G2R150A Dual stage Regulator/hose (36” and larger)
- Main burner orifices for Propane, per chart below:

This Kit	Grill	Main	Rotisserie
		LP	LP
	15	2 - #59 (1.05 mm)	
	21G	2 - #65 (.90 mm)	
	21GXL	2 - #59 (1.05 mm)	
	27 Petite	3 - #65 (.90 mm)	
	27G	2 - #59 (1.05 mm)	
	27GXL	2 - #56 (1.22 mm)	1 - #61
	30	2 - #54 (1.45 mm)	1 - #57
	36 (left small infrared)	1 - #56 (1.22 mm)	
	36	2 - #54 (1.45 mm)	1 - #57
	42	3 - #54 (1.45 mm)	1 - #56
	56	3 - #54 (1.45 mm)	1 - #56
	56T	4 - #54 (1.45 mm)	1 - #57

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

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



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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. Place Teflon tape or pipe thread compound on the ½" threads (larger size) of the SOL-6115R brass fitting, then assemble it into the ½" Street Elbow at the inlet to the Appliance Regulator.
5. Assemble the 3/8" flare fitting end of the SOL-6067R Regulator/Hose to the 3/8" flare fitting of the SOL-6115R brass fitting at the inlet of the Appliance Regulator. **\*\*Do Not use Teflon tape or pipe thread compound on this flared fitting – doing so can cause a gas leak\*\*.**  
Tighten the fitting with an adjustable wrench.
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 NG 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 Natural Gas main burner orifices (larger holes) with new Propane orifices (smaller 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 propane tank 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 Propane.

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



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