



GAS CONVERSION KIT FROM LP TO NG, PN: CKNG-TESB

**FOR MODELS: TWIN EAGLES SIDE BURNERS
(TESB131-B, TESB132-B, TPSC-1, TPSC-2)**

1. All gas connections/conversions should be made by a qualified technician and in accordance with local codes and ordinances.
2. Before conducting a conversion to a gas appliance, verify that the main gas is shut off and disconnected from the appliance.
3. Make sure that you have the Gas Conversion Kit as follows:
 - a. PN: 13313, Orifice, Defendi, 0.82 NG Center (2 pcs)
 - b. PN: 13314, Orifice, Defendi, 1.75 NG Outside (2 pcs)
 - c. PN: 15303, Regulator, NG (1 pc)
 - d. PN: 18528N, Installation Instruction (1 pc)
 - e. P/N: 18351, Label, Conversion, Gas (1 pc)
4. Remove the burner cap, burner ring and burner hub to expose the burner base and center orifice.
5. Remove the orifice cover plate to expose the outside orifice.
6. Remove the center orifice and outside orifice using a 7-mm. wrench.
7. Replace the orifices for the type of gas use as follows:

ORIFICE	NG GAS
Center	0.82 mm (to replace LP orifice no.0.50 mm)
Outside	1.75 mm (to replace LP orifice no. 1.00 mm)
8. Replace the regulator to the type of gas use.
 - a. For Built-in models, the side cooker must have individual regulator.
 - b. For Freestanding models, the side cooker is attached to the gas grill and uses the same regulator with the grill.
9. Check for leaks.
10. **NEVER USE THE SIDE BURNER WITHOUT FIRST LEAK TESTING THE GAS CONNECTION.**

- a. Prepare a leak testing solution of sudsy water by mixing in a spray bottle with half liquid soap and half water.
- b. Confirm that all control knobs are in the “OFF” position.
- c. Turn the main gas valve supply “ON”.
- d. Apply leak testing solution by spraying on the pipe joints, fittings, and hose.
- e. A gas leak is detected if;
 - i. there is a faint gas smell and/or
 - ii. growing bubbles appear on any of the connection points and/or hose. DO NOT attempt to ignite the grill and IMMEDIATELY turn off the gas supply valve.
- f. When there is a gas leak, call a qualified service technician. DO NOT use the grill until the leak is corrected.

11. Turn on burners. Set burners to low setting and check for burner flame height. If the flames are too high for simmering or too low that they would not stay lit, adjust the low flame setting.
12. To adjust low flame setting, pull out burner knob towards you. This will expose the valve stem.
13. Insert a flat, skinny screw driver into the stem and turn the adjusting screw to the left to increase the flame or to the right to decrease the flame. **DO NOT OPEN THE SCREW TOO MUCH: THE SCREW COULD FALL OFF THE STEM AND CAUSE LEAK.**
14. The conversion is complete. Fill up the Conversion Label. Next, paste it next to the original Serial Plate. Please refer back to the User’s Manual.

