TWIN EAGLES
USA
INNOVATION AND INSPIRATION ON FIRE™

GAS CONVERSION KIT FROM LP TO NG, P/N CKNG-TEBQ
FOR MODELS: TWIN EAGLES GRILLS, TEBQ/TPBQ

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. Ensure that you have the LP Gas Conversion Kit , as follows:
   - A. P/N 15110-41, Orifice #41, NG, Grill Burner (3 pcs.)
   - B. P/N 15108-50, Orifice #50, Rotis/ Small IR, for TEBQ30/TEBQ36/TPBQ30, NG (1 pc.)
   - C. P/N 15108-48, Orifice #48, Rotis/ Large IR, for TEBQ42/TPBQ42, NG (1 pc.)
   - D. P/N 15303, Regulator, Natural Gas (1 pc.)
   - E. P/N 18351, Label, Conversion, Gas (1 pc.)
4. Replace burner valve orifices.
   - A. Grill Burner:
     - a. Remove cooking grates
     - b. Remove briquette trays
     - c. Remove grill burners
     - d. Remove grill burner orifices, #53 drill size
     - e. Replace grill burner orifices with #41 drill size
     - f. Adjust the burner shutter for the appropriate gas type. (An “L” and an “N” are stamped on the air shutter to indicate the appropriate gas type.)
     - g. Install back the burners, briquette trays & cooking 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**
   - B. Infrared Rotisserie Burner
     - a. Remove rear hood cover to expose infrared burner gas orifice
     - b. Remove rotis burner orifice, as follows:
       - i. # 57 from the 30” grill, TEBQ30/TEBQ36/TPBQ30
       - ii. # 56 from the 42” grill, TEBQ42/TPBQ42
     - c. Replace rotis burner orifice with:
       - i. Orifice # 50 for 30” grill, TEBQ30/TEBQ36/TPBQ30
       - ii. Orifice # 48 for 42” grill, TEBQ42/TPBQ42
     - d. Replace rear hood cover.
5. Replace the LP regulator with the factory supplied NG regulator.
   - A. Disconnect regulator and hose from the LP bottle
   - B. Remove the brass coupling from the grill manifold
   - C. Install regulator directly to grill manifold pipe. Make sure that the arrow mark on the regulator is pointing towards the grill.
   - D. Check for gas leaks using soapy water solution.
6. **NEVER USE THE GRILL 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;
     - a. there is a faint gas smell and/or
     - b. 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.
7. Calibrate burner low flame setting
   - A. The grill must be hooked up to the gas supply in order to calibrate burner.
   - B. 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.
   - C. To calibrate burner valve, pull off valve knob. Insert a skinny flat screwdriver into the valve stem
   - D. Turn the adjusting screw inside the stem clockwise to decrease flame or counter clockwise to increase flame.
   - E. Perform leak test on the valve stem using the soapy water solution.
8. The conversion is complete. Fill up the Conversion Label. Next, paste it next to the original Serial Plate.
9. The unit is ready for installation. Please refer back to the User’s Manual to insure safety, proper care and operation.

⚠WARNING: CALIFORNIA PROPOSITION 65
This product can expose you to chemicals including carbon monoxide which is known to the State of California to cause cancer and reproductive harm. To minimize exposure to the by-products of the burning fuel or from combustion, always operate this unit according to the use and care manual and provide good ventilation. California law requires businesses to warn customers of potential exposure to such substances. For more information go to www.P65Warnings.ca.gov.

⚠AVERTISSEMENT: PROPOSITION 65 DE L’ETAT DE LA CALIFORNIE
Cet appareil peut vous exposer aux produits chimiques et au gaz monoxyde de carbonne reconnue dans l’Etat de la Californie pour causer le cancer et des problemes de fertilite. Pour minimiser l’exposition de ces-sous produits combustibles ou de la combustion, utiliser toujours cet appareil en conformitee au manuel d’utilisation et d’entretien en s’assurant egalement d’une bonne ventilation. La loi de la Californie exige aux fabricants d’informer leurs clients aux risques d’exposition potentielle a de telles substances. Pour plus d’information, visiter le site www.P65Warnings.ca.gov

In Massachusetts: All gas products must be installed using a “Massachusetts” licensed plumber or gas fitter. A “T” handle type manual gas valve must be installed in the gas supply line to this appliance. This applies to permanently installed natural gas and propane installations. This does not apply to propane portable installations using a 20 pound tank.

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