

# Wolf Gas Cooktop High Altitude Conversion Package For 8,000 - 11,000 Feet

## INSTALLATION INSTRUCTIONS

### Package Number 806079

- For use with WOLF Gas Cooktop Models:

CT36G/S	CT36G/S-LP
CT36G/P	CT36G/P-LP
CT30G/S	CT30G/S-LP
CT30G/P	CT30G/P-LP
CT15G/S	
CT36G/S-2	CT36G/S-LP-2
CT36G/P-2	CT36G/P-LP-2
CT30G/S-2	CT30G/S-LP-2
CT30G/P-2	CT30G/P-LP-2
CT15G/S-2	

### ⚠ WARNING

*This conversion package shall be installed by an authorized service company in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The authorized service company is responsible for the proper installation of this package. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the package.*

These instructions contain procedural information to convert a Wolf Cooktop to operate at an 8,000 – 11,000 ft elevation on previous listed unit models. This component package contains extra components when converting all cooktops.

### Disassembly

#### Cooktop Pan Removal

**NOTE:** For ease of disassembly and reassembly, remove cooktop from its installation.

- If converting a LP unit that contains a 15,000 BTU burner skip to Step 14. There is no conversion necessary for LP units that do not contain a 15,000 BTU burner. If converting a Nat. gas unit proceed to Step 2.
- Remove grates, burner heads and control knobs.
- Remove brass venturi's with a 7/8" socket and ratchet.

**NOTE:** Once venturi's from the large 12,000 BTU burners are removed, set aside. These will be reused for the small 9,200 BTU burners.

### Contents of Package:

QTY	DESCRIPTION
3	Jet Holder, High Altitude
1	Venturi, LP, High Altitude
2	Venturi, Large
2	Venturi, High Altitude
1	O-Ring Service Package
1	Conversion Label, High Altitude LP
1	Conversion Label, High Altitude Nat
1	High Altitude Conversion Instructions

### Tools Needed for Conversion:

- 7/8" Socket and Ratchet
- 1/2" Open Ended Wrench or Adjustable Wrench
- 11/32" Open Ended Wrench
- #2 Phillips Screwdriver

### ⚠ WARNING

*Before proceeding with the conversion, shut off the gas supply to the appliance prior to disconnecting the electrical power.*

### Disassembly (Continued)

#### Cooktop Pan Removal (Continued)

- The inner distribution ring routes the gas from the simmer orifice hood to the simmer holes located in the burner head. To remove, lift the inner distribution ring from the cooktop pan.
  - Disconnect electrode wire from the spark electrode.
- NOTE:** Mark location of electrode lead with a small piece of tape to ensure proper placement when reassembling.
- Lift cooktop pan straight up and off burner box assembly.

#### Jet Holder w/Orifice Removal

**NOTE:** Remove only the 9,200 BTU jet holders.

- The jet holder is mounted to burner mounting bracket on the bottom of the burner box. The main burner orifice is threaded into the jet holder as well as the venturi. To remove the jet holder, lift off outer distribution ring from jet holder and move to one side. Then, disconnect the flexible gas tube that is mounted to the jet holder. Now, extract the nuts from the pem studs that secure the jet holder to the burner mounting bracket and lift the jet holder off. (See Figure 1)

### Reassembly

#### Jet Holder w/Orifice

- Place new jet holders w/orifices (which were included in the conversion package), at the small 9,200 BTU burner locations. Now, reinstall and tighten mounting nuts which secure the jet holder to the burner mounting bracket. Then, place outer distribution rings back on top of jet holders.

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## INSTALLATION INSTRUCTIONS

### Reassembly (Continued)

#### Jet Holder w/Orifice (Continued)

9. Install new o-rings and gaskets into all the outer distribution rings. (See Figure 2)

NOTE: The outer distribution ring o-ring has a thinner cross section.

#### Cooktop Pan

10. Reinstall cooktop pan. Now, center the outer distribution rings within the openings of the cooktop pan. The alignment lip of the outer distribution ring must protrude through the cooktop pan.

NOTE: Make sure electrode leads are positioned through the correct holes in the cooktop pan according to the wiring diagram.

11. Reconnect the electrode leads to the spark electrodes.

NOTE: Applying pressure to the cooktop pan until the inner distribution ring is tightened helps ease assembly.

12. Reinstall inner distribution rings and install new o-rings which were included in conversion package.

NOTE: The inner distribution ring o-ring has a fatter cross section.

### ⚠ WARNING

Do not use the thinner cross section o-ring at this location. It will cause a gas leak when assembled. These are special high temperature o-rings that cannot be substituted.

13. Install the venturi(s) marked 12 into the jet holders for the 9,200 BTU burners. Now tighten venturi's to 100 inch pounds using a torque wrench. then reinstall the venturi for the 15,000 BTU burner and tighten to 100 inch pounds. Finally install the venturi(s) marked HA into the 12,000 BTU jet holder and tighten to 100 inch pounds. There are two different sized venturi's marked HA in this package. Only one size will fit into the 12,000 BTU jet holder.

14. If converting a natural gas unit or a unit without a 15,000 BTU burner skip to the flame characteristics section and continue from that point. If converting a LP unit with a 15,000 BTU burner, proceed to Step 15.

15. Remove grate that is over the 15,000 BTU burner. Remove the burner head on the 15,000 BTU burner. Then remove the brass venturi from the 15,000 BTU burner using a 7/8" socket and wrench.

16. Remove inner distribution ring. Make sure not to let the end of the electrode lead fall inside the unit. Install new lower gasket in the outer distribution ring. Reinstall the inner distribution ring and the brass venturi marked HA. Tighten the venturi to 100 inch pounds. There are 2 different sized venturi's marked HA in this package. Only one size will properly fit into the 15,000 BTU jet holder.

### ⚠ WARNING

Do not over-tighten venturi's. Failure to tighten venturi's to 100 inch-pounds may result in a fire or explosion.

#### Flame Characteristics

The flame produced by the burner should be a quiet, blue flame with very little yellow tipping and exhibiting no lifting or blowing.

#### Ignition System

If the unit is operating properly after conversion, the burners should ignite within 4 seconds of the gas flowing out of the burner ports. If the flame is extinguished, the unit should also automatically re-ignite within 4 seconds.

When the burner is operating correctly, with a proper, hard flame, the unit should not be sparking.

#### Leak Testing

With all orifices converted, use a gas detection device to detect any gas leakage into the burner box. This is done by placing the collection end of the gas detection tool in the access holes in the front lower corners of the burner box. After checking for leaks with the burners off, turn on all the burners and recheck for leaks.

#### Labels

Once installation of all orifices is complete, and all the appropriate tests have been satisfied, fill out all applicable information and affix the Natural Gas Cooktop Rating Label as close as possible to the existing rating plate.

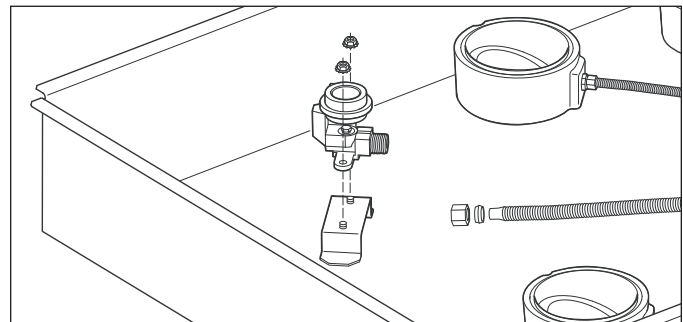


Figure 1. Jet Holder w/Orifice Removal

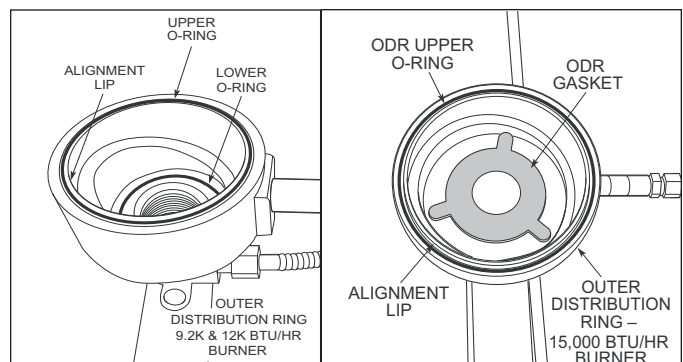


Figure 1. Jet Holder w/Orifice Removal

