

# CHANGING YOUR CAMPFYRE ORIFICE FROM PROPANE TO NATURAL GAS

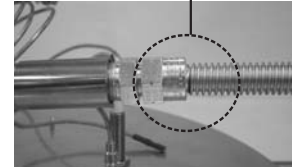
To convert your Outdoor Campfyre from propane to natural gas or from natural to propane gas, carefully follow the steps below:

1. **MAKE SURE THE GAS SUPPLY TO THE CAMPFYRE (AND ANY NEARBY ELECTRICAL SOURCES) ARE SHUT OFF.**
2. If present, remove all logs and lava rocks from the Campfyre enclosure, and remove the decorative tile top.
3. Remove the 4 screws attaching the burner pan to your fire ring or enclosure.
4. Detach the thermocouple (taking care not to kink it) from the safety valve (see Fig. 4 for location). Remove the ignitor wire from the ignitor module (see Fig. 3).
5. Carefully detach the flex connector attached to the orifice holder (see Fig. 1) and unscrew the orifice holder from the burner pipe (see Fig. 2).
6. Remove the orifice from the holder (see Fig. 2) and replace it with the proper sized one for your gas requirement. Propane requires a #43 (drill size) orifice. Natural gas requires a #14 orifice.

**Note:** If you are converting to and using natural gas you **MUST** fit the air shutter in place over the burner pipe (see Fig. 2.) For **propane** gas **no air shutter is needed**. Replace the orifice holder and re-attach the connector from the valve (see Fig. 1). The regulator must now be converted to the new gas type (see reverse side of this page for instructions).

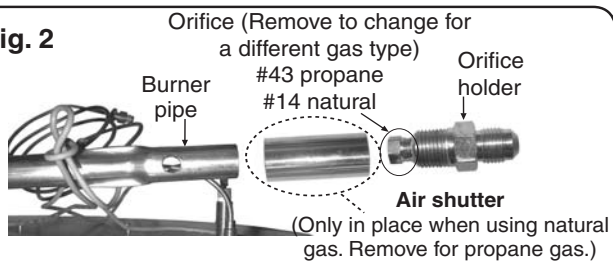
Connector from the valve attached to the orifice holder on the burner pipe.

Fig. 1



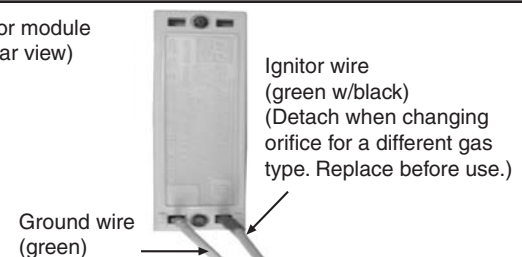
Detach the connector from the orifice holder when changing the orifice to a different gas type.

Fig. 2



Ignitor module (rear view)

Fig. 3



ROBERT H. PETERSON CO. • 14724 East Proctor Avenue • City of Industry, CA 91746

REV 2-0608141629

NO. L-A2-19406

# CHANGING YOUR CAMPFYRE ORIFICE FROM PROPANE TO NATURAL GAS

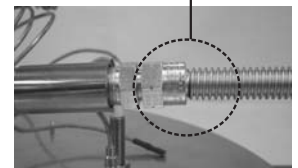
To convert your Outdoor Campfyre from propane to natural gas or from natural to propane gas, carefully follow the steps below:

1. **MAKE SURE THE GAS SUPPLY TO THE CAMPFYRE (AND ANY NEARBY ELECTRICAL SOURCES) ARE SHUT OFF.**
2. If present, remove all logs and lava rocks from the Campfyre enclosure, and remove the decorative tile top.
3. Remove the 4 screws attaching the burner pan to your fire ring or enclosure.
4. Detach the thermocouple (taking care not to kink it) from the safety valve (see Fig. 4 for location). Remove the ignitor wire from the ignitor module (see Fig. 3).
5. Carefully detach the flex connector attached to the orifice holder (see Fig. 1) and unscrew the orifice holder from the burner pipe (see Fig. 2).
6. Remove the orifice from the holder (see Fig. 2) and replace it with the proper sized one for your gas requirement. Propane requires a #43 (drill size) orifice. Natural gas requires a #14 orifice.

**Note:** If you are converting to and using natural gas you **MUST** fit the air shutter in place over the burner pipe (see Fig. 2.) For **propane** gas **no air shutter is needed**. Replace the orifice holder and re-attach the connector from the valve (see Fig. 1). The regulator must now be converted to the new gas type (see reverse side of this page for instructions).

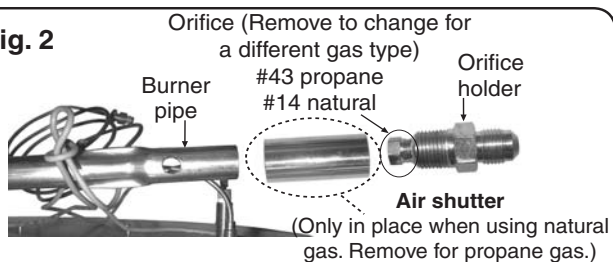
Connector from the valve attached to the orifice holder on the burner pipe

Fig. 1



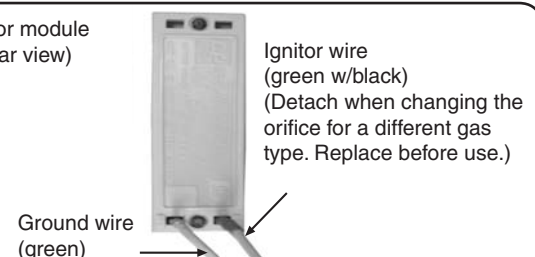
Detach the connector from the orifice holder when changing the orifice to a different gas type.

Fig. 2



Ignitor module (rear view)

Fig. 3



ROBERT H. PETERSON CO. • 14724 East Proctor Avenue, City of Industry, CA 91746

REV 2-0608141629

NO. L-A2-19406

## CHANGING YOUR CAMPFYRE ORIFICE FROM PROPANE TO NATURAL GAS (cont.)

### Changing the regulator gas type:

7. The regulator is situated after the valve (see Fig. 5), behind the control panel, under the tile top. To convert the regulator to the required gas type:

- a) Unscrew and remove the cap (see Fig. 4) from the regulator, extracting the converter.

**Note:** As installed, the regulator cap may be located underneath the regulator. If necessary, carefully rotate the regulator to access the cap.

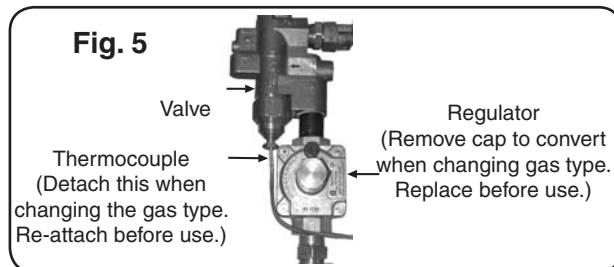
- b) Remove the converter (the red plastic stalk, Fig. 4) by carefully pulling it away from the center of the cap (it will snap out of its seating).

- c) Turn the converter around and replace it carefully into the center of the cap (it will snap into place). **Check that you can read the type of gas the unit is set for.**

**Note:** EACH END OF THE PLASTIC CONVERTER IS EMBOSSED WITH EITHER THE LETTERS NAT OR L.P. FOR THE RESPECTIVE GAS TYPE (Nat for natural - L.P. for propane). WHEN THE CONVERTER IS IN THE CAP, AND THE CAP HELD UPPERMOST, THE LETTERS SEEN (at the bottom of the stalk) INDICATE THE GAS THAT THE REGULATOR IS SET UP FOR. (Fig. 4 shows the converter set for Propane gas.)

- d) Replace the cap and converter into the regulator and screw down until snug.

Once the above steps are complete, re-attach the thermocouple and ignitor wires (steps 4-5 in reverse). Fasten the burner pan back into place on the campfyre ring. Restore your gas supply and check for leaks, using a soapy water. Never use a flame to check for leaks. When no leaks are detected, replace the lava coals and logs as described in your owner's manual. The Campfyre is now ready for use.



ROBERT H. PETERSON CO. • 14724 East Proctor Avenue • City of Industry, CA 91746

## CHANGING YOUR CAMPFYRE ORIFICE FROM PROPANE TO NATURAL GAS (cont.)

### Changing the regulator gas type:

7. The regulator is situated after the valve (see Fig. 5), behind the control panel, under the tile top. To convert the regulator to the required gas type:

- a) Unscrew and remove the cap (see Fig. 4) from the regulator, extracting the converter.

**Note:** As installed, the regulator cap may be located underneath the regulator. If necessary, carefully rotate the regulator to access the cap.

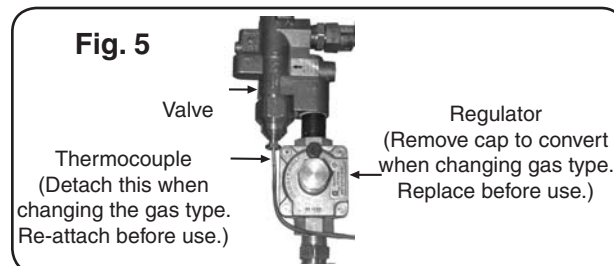
- b) Remove the converter (the red plastic stalk, Fig. 4) by carefully pulling it away from the center of the cap (it will snap out of its seating).

- c) Turn the converter around and replace it carefully into the center of the cap (it will snap into place). **Check that you can read the type of gas the unit is set for.**

**Note:** EACH END OF THE PLASTIC CONVERTER IS EMBOSSED WITH EITHER THE LETTERS NAT OR L.P. FOR THE RESPECTIVE GAS TYPE (Nat for natural - L.P. for propane). WHEN THE CONVERTER IS IN THE CAP, AND THE CAP HELD UPPERMOST, THE LETTERS SEEN (at the bottom of the stalk) INDICATE THE GAS THAT THE REGULATOR IS SET UP FOR. (Fig. 4 shows the converter set for Propane gas.)

- d) Replace the cap and converter into the regulator and screw down until snug.

Once the above steps are complete, re-attach the thermocouple and ignitor wires (steps 4-5 in reverse). Fasten the burner pan back into place on the campfyre ring. Restore your gas supply and check for leaks, using a soapy water. Never use a flame to check for leaks. When no leaks are detected, replace the lava coals and logs as described in your owner's manual. The Campfyre is now ready for use.



ROBERT H. PETERSON CO. • 14724 East Proctor Avenue • City of Industry, CA 91746