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FPLP CONVERSION KIT- Small Tank

Fire Pit LP Conversion Kit for Manual Ignition Pits



WARNING: If the information in this manual is not followed, an explosion or fire could result causing property damage, personal injury, or loss of life.

We recommend that our products be installed and serviced by professionals who are certified in the U.S. by NFI (National Fireplace Institute) or in Canada by WETT (Wood Energy Technical Training). Installer must follow all instructions carefully to ensure proper performance and safety.

INSTALLATION PREPARATION

Please carefully follow the instructions with your manual ignition fire pit. **It is the responsibility of the installer to follow all Local and State Codes concerning the installation and operation of the fire pit.**

1) ASSEMBLY and INSTALLATION OF THE FPLP CONVERSION KIT:

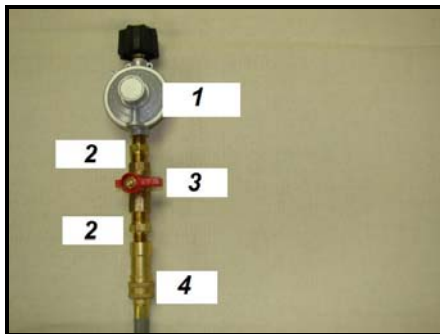


Fig. 1

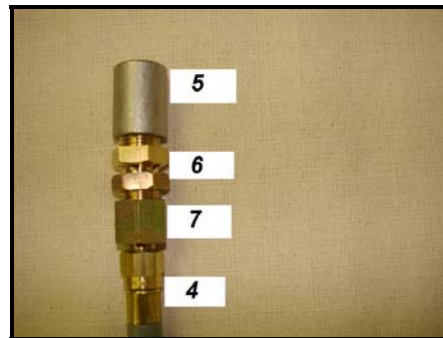


Fig. 2

FPLP Parts List:

<u>Item</u>	<u>Part #</u>	<u>Description</u>
1	658	LP Gas Regulator- 175k Btu
2	450 (2)	1/2" / 3/8" Fitting (2)

3	226	1/2" x 1/2" Manual Gas Valve
4	580	Quick Disconnect Hose
5	565	1/2" Stainless Steel Coupler
6	127	Air Mixer / Orifice- 90k Btu
7	421	1/2"x 3/8" FIP Adapter

WARNING: Gas Plumbing Connections: Use only joint compound that is resistant to all gases. Apply joint compound to all male pipe fittings only- DO NOT use on FLARED fittings. Be sure to tighten every joint securely.

IMPORTANT: Apply joint compound to all male pipe fittings only- DO NOT use on FLARED fittings. Use TEFLON tape on flared fittings.

Assembly:

Refer to Fig 1:

- 1) Attach and tighten 1/2"x 3/8" fitting (#2) to LP regulator (#1).
- 2) Attach and tighten manual gas valve (#3) to other end of fitting (#2).
- 3) Attach and tighten another 1/2"x 3/8" fitting (#2) to opposite end of manual valve (#3).
- 4) Attach and tighten quick disconnect end of (#4) to 1/2"x 3/8" fitting (#2).
- 5) If not using pan, skip to step 6. If using pan, attach and tighten coupler (#5) to pan as shown in Fig. 3.



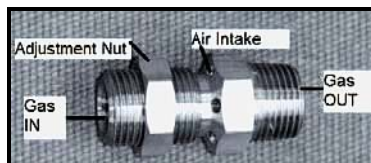
Fig. 3



Fig. 4

- 6) Attach and tighten air mixer (#6) to fire ring hub as shown in Fig. 4 (or coupler #5 if using pan).

IMPORTANT: PLEASE SEE PICTURE BELOW FOR PROPER DIRECTION OF AIR MIXER INSTALLATION. INSTALLING BACKWARDS COULD RESULT IN GAS LEAK AND EXPLOSION.



- 7) Attach and tighten 1/2"x 3/8" FIP Adapter (#7) to other end of air mixer (#6).
- 8) Attach and tighten swivel end of hose (#4) to 1/2"x 3/8" FIP Adapter (#7).
- 9) Attach and tighten LP regulator to LP tank.
- 10) Finally attach quick disconnect ends together when ready.

FPLP KIT OPERATION

WARNING: BEFORE USE, BE SURE TO TEST ALL GAS CONNECTIONS FOR LEAKS. DO NOT USE FIRE PIT IF THERE IS ANY EVIDENCE OF LEAKING GAS. IF LEAKING GAS IS SUSPECTED, TURN OFF THE MAIN GAS SUPPLY AND REPAIR IMMEDIATELY.

WARNING: NEVER USE ANY MATERIAL THAT IS NON-POROUS AND HOLDS MOISTURE LIKE GRAVEL, PEBBLES, RIVER ROCK, ETC. THIS MATERIAL, WHEN HEATED WILL CAUSE THE TRAPPED MOISTURE TO BOIL, AND FRACTURE UNEXPECTEDLY. THIS MATERIAL IS NOT SUFFICIENTLY POROUS TO ALLOW HEATED STEAM TO READILY ESCAPE WHICH CAN BREAK AND CAUSE PERSONAL INJURY OR DAMAGE.

WARNING: LEAVES, STICKS, WOOD, PAPER, CLOTHING, FOOD MATERIAL, SHOULD ALWAYS BE KEPT AWAY FROM THE FIREPIT. MAKE SURE THAT THERE IS NO VEGETATION OR OTHER OBJECTS OVER THE TOP OR SIDES OF THE FIREPIT THAT COULD INTERFERE WITH SAFE & PROPER OPERATION.

WARNING: IF LAVA ROCK IS WET, ALLOW FIRE PIT TO BURN FOR 45 MINUTES PRIOR TO COMING 15 FEET WITHIN FIRE PIT.

Fire Pit Start Up:

- 1) Confirm there is no debris in fire pit (as mentioned in warnings) including water.
- 2) Confirm manual valve (#3) is closed.
- 3) Open valve on LP tank.
- 4) While holding long lighter flame over ring, slowly open manual valve until ring is fully lit.
- 5) Adjust manual valve to desired flame height.

NOTE: If flame suddenly reduces, this means the OPD safety in LP tank has closed. Simply close manual valve (#3) and open again slowly to desired height. Some LP tanks may not allow manual valve to open fully without OPD closing- flame height however should be sufficient.

- 6) While fire pit is in use, do NOT leave unattended.

Fire Pit Shutdown:

- 1) Close manual valve (#3) by- flame should extinguish.
- 2) Close valve on LP tank.
- 3) Once fire pit has cooled completely, use appropriate cover to protect fire pit.