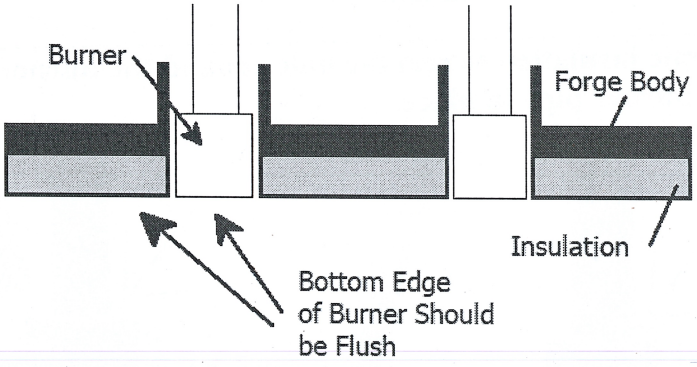
USER MANUAL
(For gas forges)

Tools you need: screwdriver "+" or 7mm wrench; 13mm wrench.

1. Insert the bricks into the forge.
2. Connect the hose to the pressure regulator and the burner. You will find all connection parts in the bag with the pressure regulator (the screwdriver or 7mm wrench will be required to tighten the two hose clamps).
3. Connect the pressure regulator to the gas tank. Don't forget that the pressure regulator has a left thread.
4. Insert gas burner into the forge and tighten the bolts with 13mm wrench. Burners should be inserted into forge/furnace until they are resting on the crossbar. It is important to align the burner so it is flush with the inside edge of the insulation.



5. Wrap the additional ceramic insulation supplied around the burner assembly in order to prevent flames exiting burner port (see another side of this paper).
6. Close the air choke when you start the burner.
7. Open the gas tank. Slowly screw the pressure regulator **(turn right to increase the pressure, turn left to decrease it)** until you hear the gas flow from the forge, then fire it up! (Be careful when firing up the forge!!! Waiting too long can cause a risk of butane or propane gas explosion!)
8. Now you can open the air choke and increase the pressure. With air choke and gas pressure you can regulate power of the burner.
9. **For gas forges with more than 1 burner and ball valve – close the air chokes of the burners that are not in use!**
10. Working pressure is: 0,01MPa - 0,16 MPa (1 psi - 25 psi)

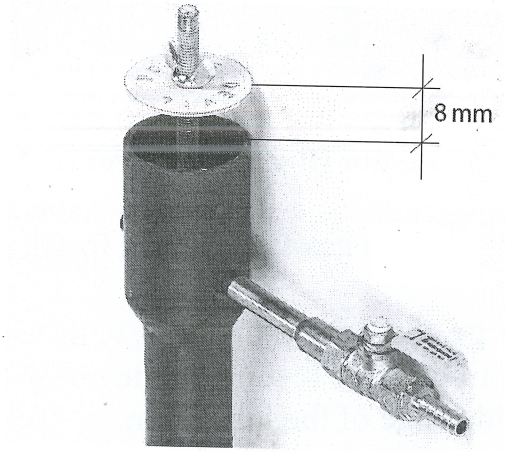
Troubleshooting

1. Not enough power? Check if the air choke is open. Check if the gas tank is full.
2. Burner doesn't work right, not enough power? Disconnect the hose from the burner and try to clear the injector pipe (if it doesn't help, try connecting it to the air compressor to clear the pipe injector). Check if the air choke is open. Check if the gas tank is full.

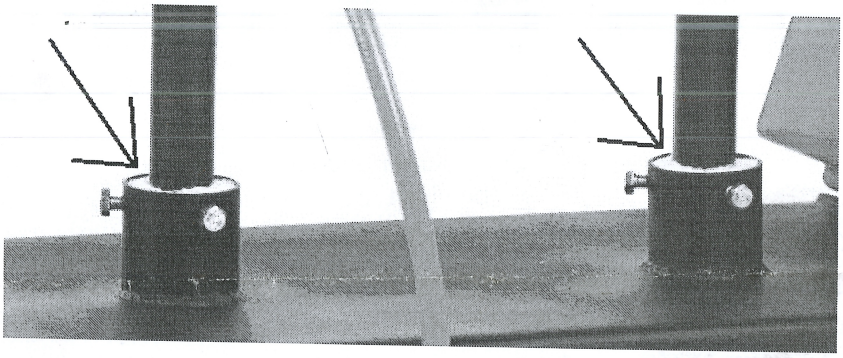
Manual by www.devil-forge.com

HOW TO ADJUST AIR CHOKE TO REACH IDEAL FLAME

1. Open the air choke for about 8mm.
2. The correct flame should be a light blue (very dark blue flame is not correct, it means there is too much air - close the air choke slightly)



We added some ceramic insulation to seal the hole around the burner port, where the 3 bolts are holding the burner pipe in place.



IMPORTANT! SAFETY INSTRUCTIONS FOR GAS LEAKS

Always test the tank, regulator, hose, and valve for any loose fittings and propane leaks. This is easily done using a commercial gas leak checking liquid. You can make a sudsy liquid by placing a small amount of liquid dish detergent in a jar with some water and then apply this solution to every fitting and joint which is under propane pressure. If the solution forms bubbles – there is a propane leak: shut the tank valve off and repair the leak BEFORE lighting up the forge/furnace. Even a small leak should be fixed immediately. You can start working only when you are certain that there are no leaks in your forge/furnace system.

SAFETY INSTRUCTIONS: WEAR FACE MASK | WEAR SAFETY GLASSES | WEAR SAFETY GLOVES | WORKING AREA MUST BE WELL VENTILATED | SEAL CERAMIC FIBER BLANKET WITH RIGIDIZER

LIABILITY CLAUSE:

The user must be 18 years of age or older or be under adult supervision if and when operating our products. By purchasing our products you have accepted all liability for any personal injury, accidents, property damage, malfunction, misuse, fires, or possible death. Please be aware of your surroundings when operating our products. Using our safety instructions you will be protected from harmful ceramic fiber particles which are in the ceramic fiber blanket.