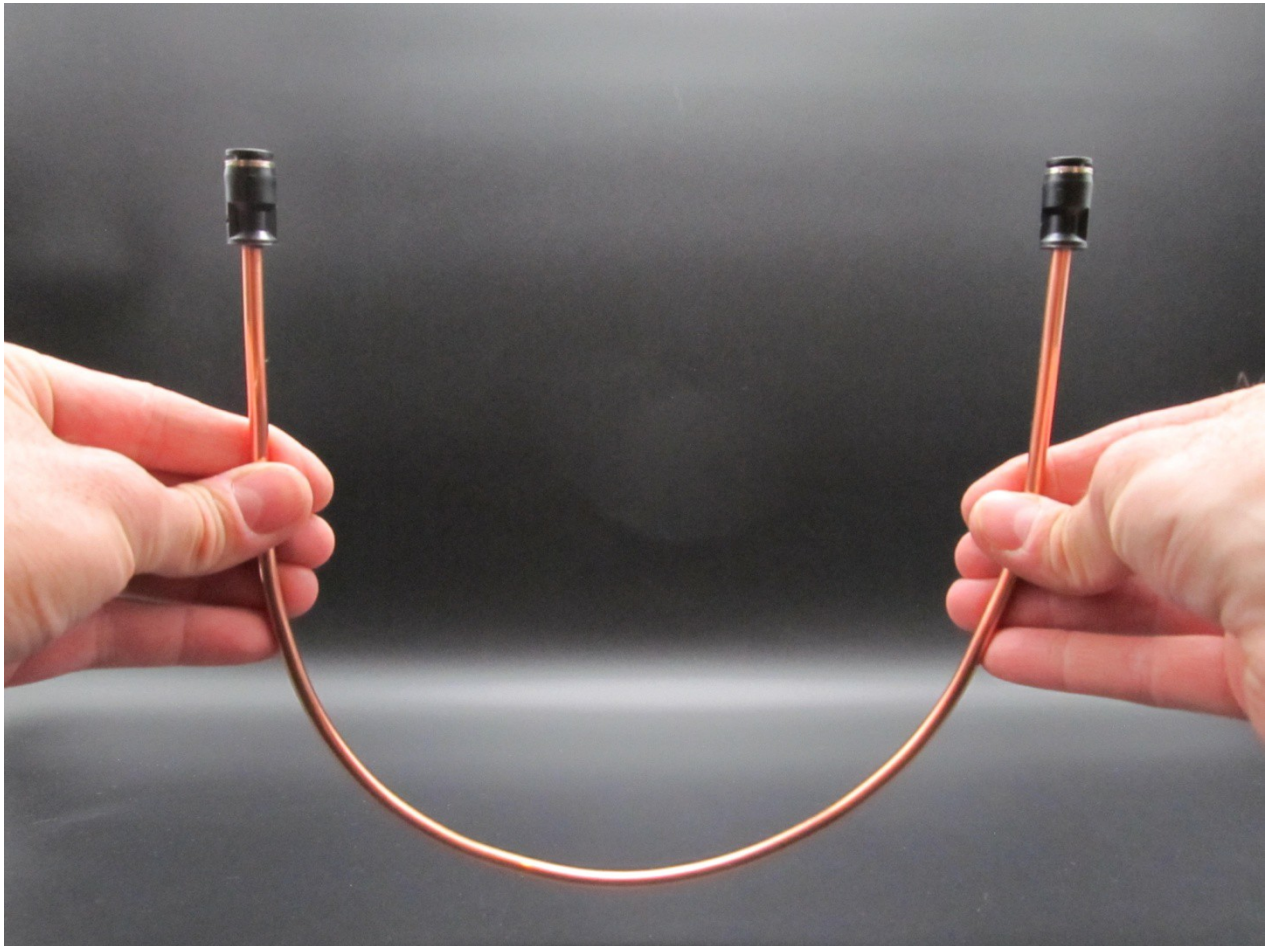


Step1



Since the copper pipe is bend inside the package,you have to shape it in a way to fit your steam engine and also to connect it to the gas tank valve!

Step2



Align gas canister refill valve, with the butane refill tank as straight as possible, and hard press for couple seconds, the same principle as recharging any cigarette lighter! Use 100% butane only, the same that is used for cigarette lighters!

Step3



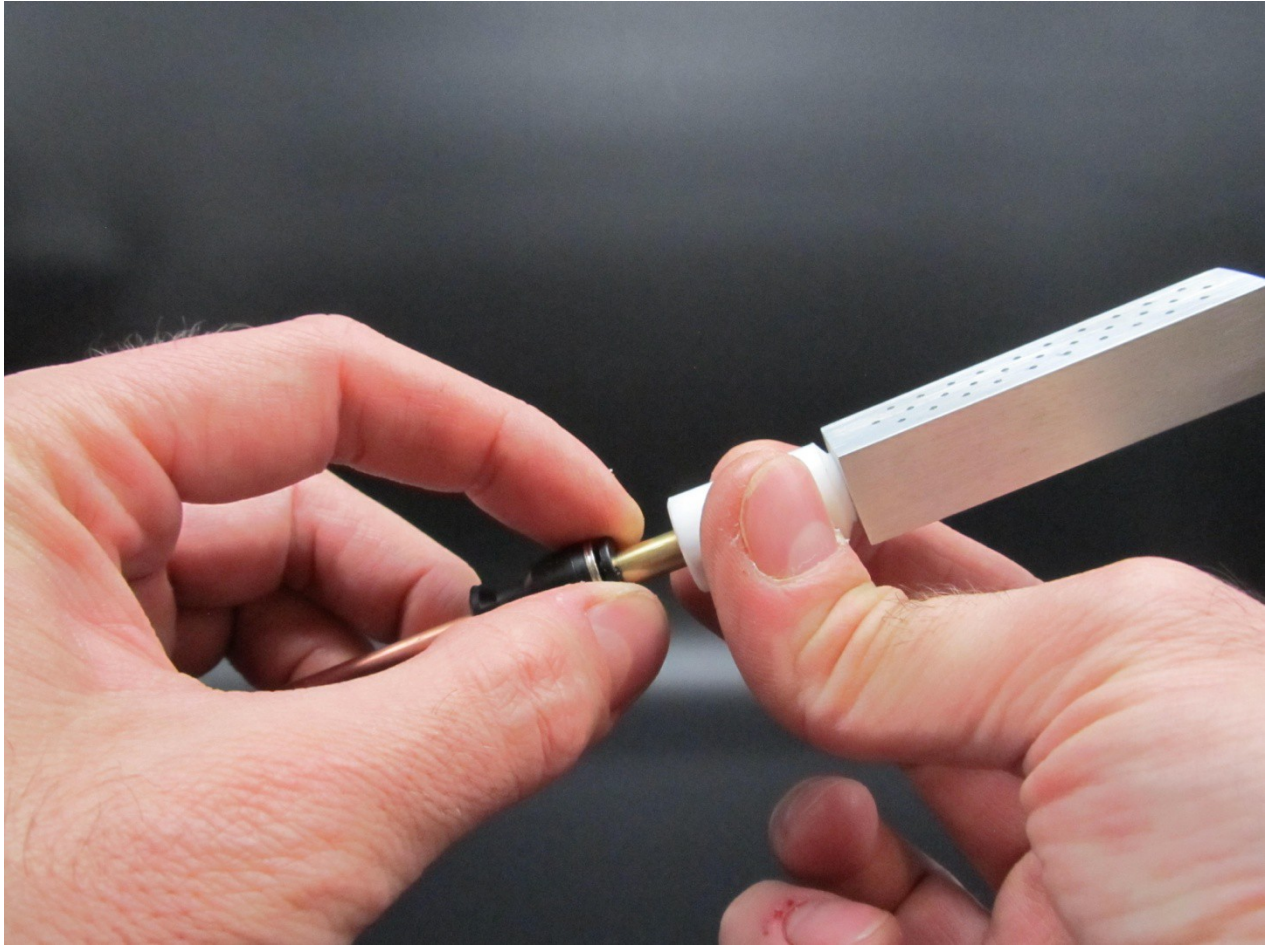
Plug the one end of the copper pipe directly to the gas valve!

Step4



Plug the other end of the copper pipe directly to the burner side!

Step5



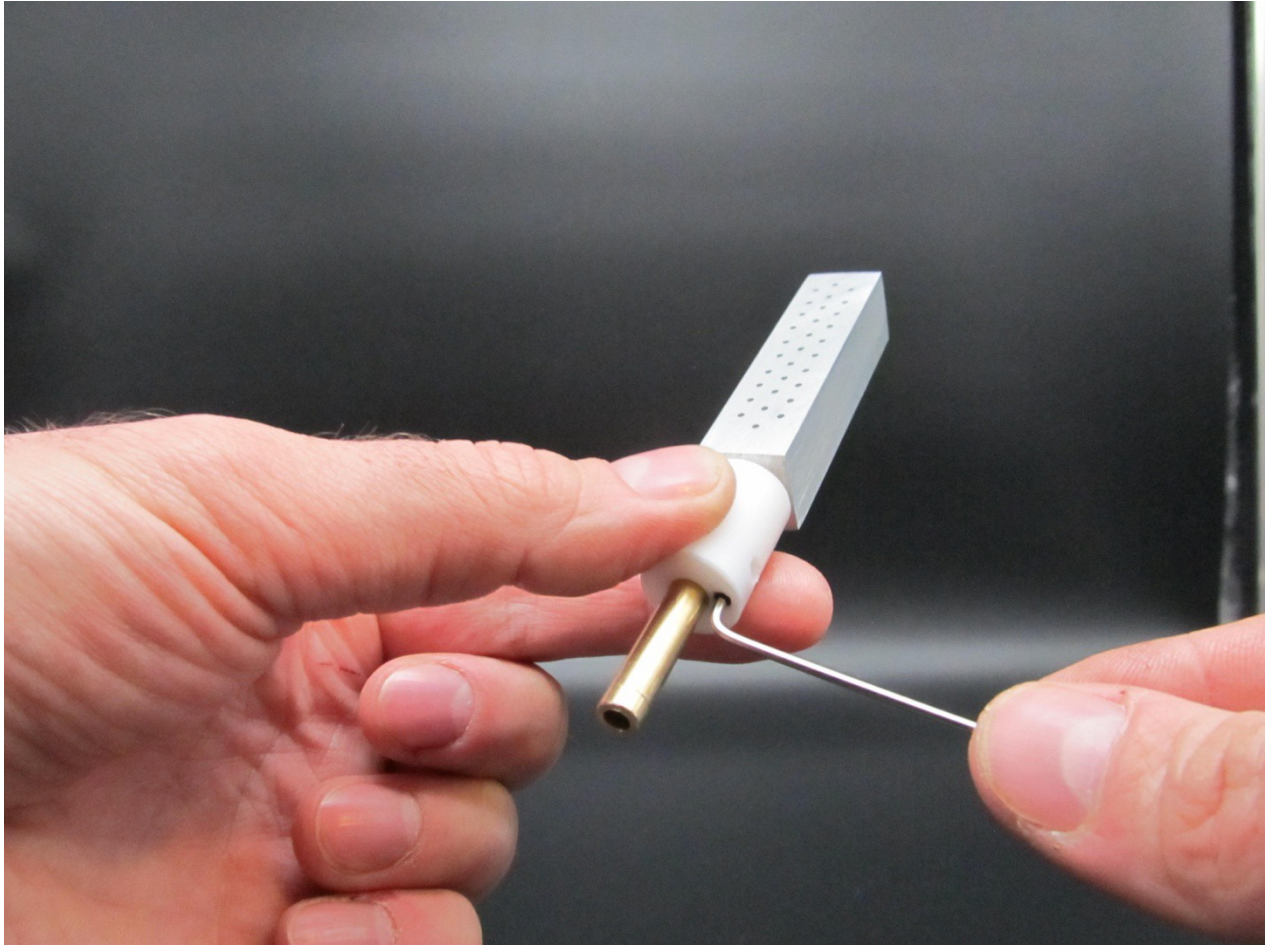
In order to remove the burner, you must press the ring button in the push-lock fitting and by holding it you remove the burner!

Step6



Light up the burner and get low flame at first, by slowly controlling gas valve knob. Then place the burner inside your steam engine burning chamber and slowly turn the gas valve knob to get desired firepower. Be careful to not burn your hands!

Step7



To regulate flame color (Air-fuel), you would need allen key 1.5mm! Turn the set screw on the white Teflon handle, as shown in the photo, clockwise to get yellow flame, and counterclockwise for more blue flame. Optimal flame for this burner, that have maximum height, will have blue color on the bottom and yellow on the top!

Gas jet cleaning

Step1

If gas jet gets clogged, and burner stop to work or it gives very low flame but gas canister is full, follow the procedure for cleaning the jet. Hold the burner white Teflon handle, and with hands or pliers help, unscrew the gas jet from the burner.

Step2



Point the gas jet thread to flashlight and look trough the jet. You should see a tiny clear hole.If you cant see the light trough the tiny hole, jet must be cleaned.

Step3



Gas jet hole is 0.2mm in size. You can clean it up by using compressed air, mouth blowing (if it's not clogged too much), or you can find some old cable as shown in the photo above, trim the cable and you will find many tiny wires that are usually tin enough for cleaning the jet hole! If the jet hole is clear, put it back inside the burner and tight it up well, and test the burner it should work fine. If necessary adjust air fuel ratio again.

Tips and tricks

Hold the gas canister at room temperature, avoid shaking the canister before operation! If you did it accidentally wait couple mins for the gas to settle down. This will give you stable flame operation.

If the flame jumps from the aluminium base at full open of the valve, there is too much air mixed with gas! Solution is to either lower the gas flow or to turn set screw on the burner white Teflon handle clockwise to get lower air.

For any additional help, problems, spare parts.... Please let me know via website contact form or ebay message, and you will get quick response.