

How to Clean out the Pilot Feed Tube

Here are some steps to assist in cleaning out your pilot feed tube. Following these simple instructions will help you clean out the proper tubing and allow for a cleaner and efficient burn from your unit.

Please have these simple tools handy.



-or-



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-or-



Step 1

Locate the four screws on the base of your burner emitter screen. These are generally located under the mesh part as shown. Remove these, and your screen along with your shield, will come off.



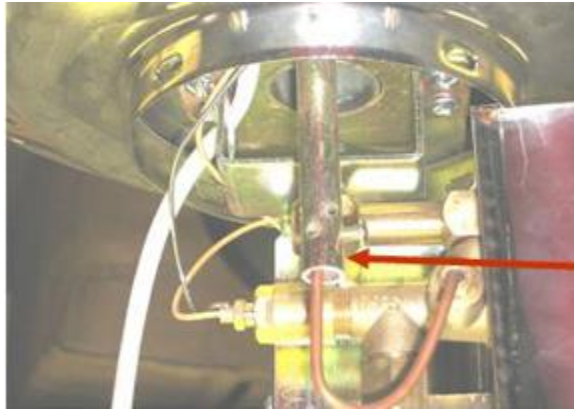
Step 2

Locate the four screws above the control knob and remove. This will allow you to pull your burner out. You may let the burner hang upside down at this point.



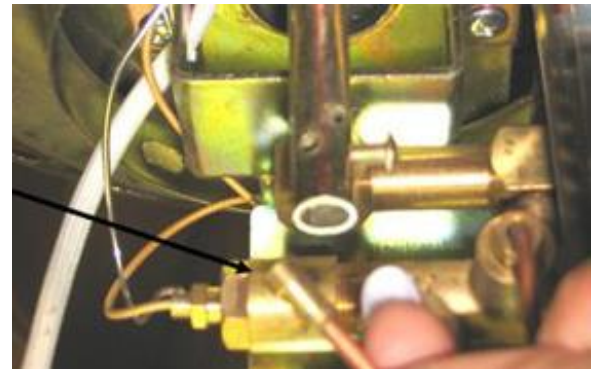
Step 3

Find the pilot feed tube that is inserted inside the venturi tube. Loosen the set screw and remove the pilot feed tube. Proceed by using compressed air and a zip tie to clean out the venturi tube.

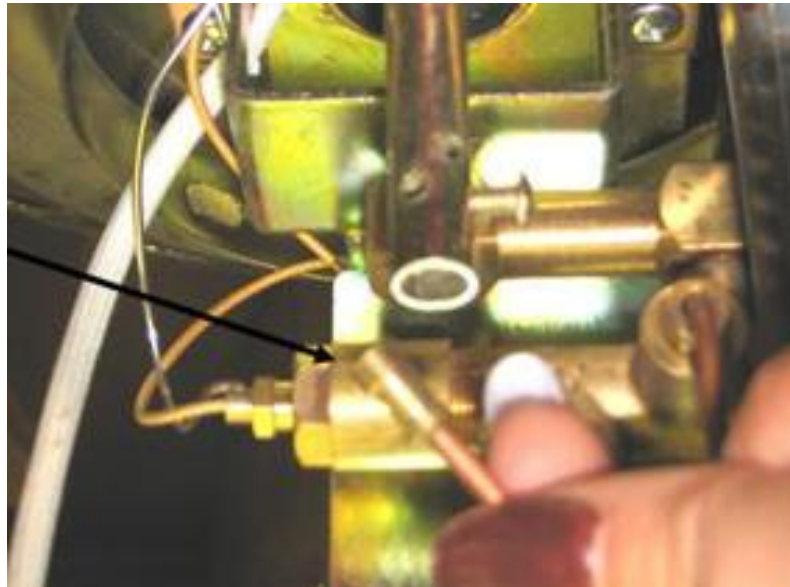


Set screw

Pilot feed tube



Pilot feed tube orifice
This is the tip of the propane tube. There is a small hole on the tip to release the propane. This needs to be free of blockages.



Step 4

While you have your pilot feed tube out, wet the tip then proceed to turn your depressed control knob counter-clockwise until it stops. This should allow propane to flow through and you should see bubbles.

You should also use compressed air to clean out the main burner(diffuser plate) This is the area where the flames come out.



Step 5

Insert the tip and pilot feed back into the venturi tube and tighten set screw. Place your burner head onto the top portion, and using the four screws, tighten down. Reattach the emitter screen.



Your burner should emit a nice blue pilot, about a $\frac{1}{4}$ " tall.