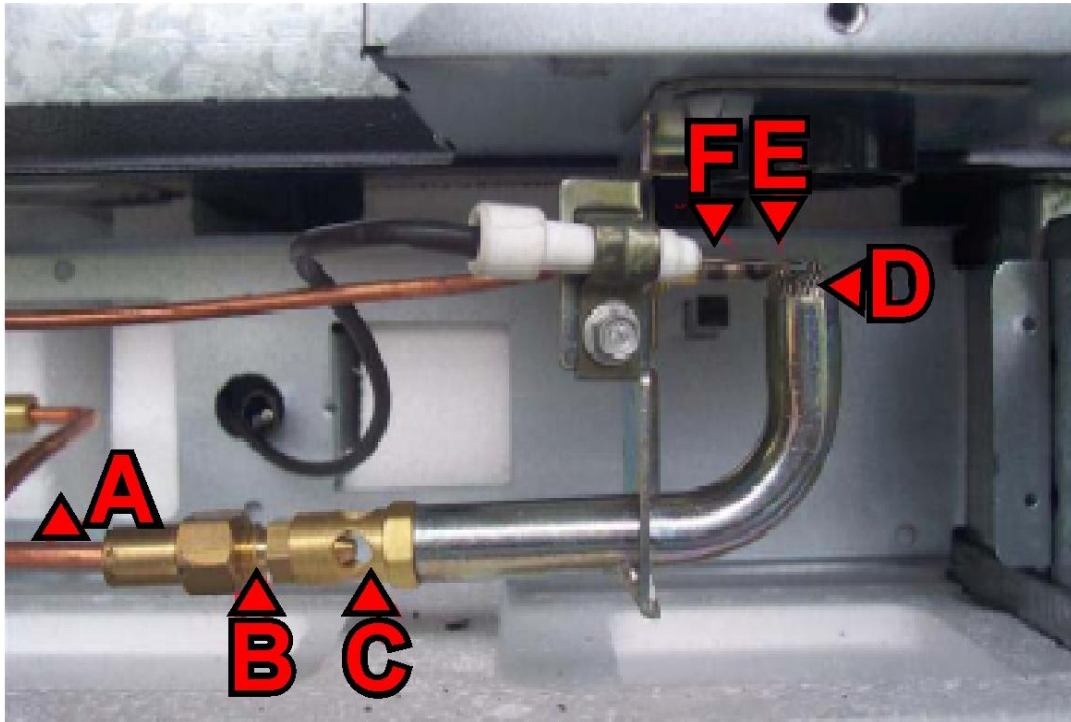


Solving LPG Fridge - Burner Issues

The picture shows the detail of the gas jet, aerator and burner on a Consul gas fridge, with the draught shield removed.



Part "A" is the incoming gas line, from the thermostat
Part "B" is the gas jet.
Part "C" is the aerator.
Part "D" is the burner.
Part "E" is the Electrode
Part "F" is the Thermocouple

NB. It is important that any work done on this area of the fridge be done by a suitably qualified tradesperson.

The most common problem with gas fridges is when the flame is burning too "cold".

This has three main causes:

1. From soot falling down on to the burner whilst cleaning the flue.
2. By allowing the gas bottle to run empty, causing soot to build up on the burner.
3. By restrictions in the aerator or jet. Again causing soot to build up on the burner. It is at this point that air is sucked into the aerator and is mixed with the gas.

Following are suggested solutions:

1. This is simply fixed by placing a tissue or a rag over the burner before cleaning, after the gas is turned off and the burner has cooled down of course.
2. This is fixed by not letting the gas run right out. Gas companies add a "smelly" substance to the bottle to alert you to this.
3. This will most likely require removal and proper cleaning, compressed air is by far the best method to use for this as anything else will likely cause damage. The jet has a plastic lining that WILL be damaged by poking anything into it. The aerator is "weak" in the area of the four air holes and can be "snapped" by incorrect dismantling methods.

Suggestions:

A good tip if you are placing a Consul gas fridge on a wooden floor, is to remove all the little plastic box's that are on the side of the chimney then push a length of ½ inch garden hose onto the channel that feeds de-frost water into the little box's, making sure the channel still runs "downhill" and run the hose down through a hole in the floor.

Every time you replace the gas bottle, clean the flue with the brush provided after the flue has sufficiently cooled and before igniting the flame.

Simple maintenance should ensure years of trouble free service.



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