

BULLETIN For all Gasfitters and Servicemen re GAZCO

16 June 2016

GAZCO UK have given the following additional solutions to consider when trouble shooting GAZCO Studio gas fires with operational issues. These points are additional to those outlined in the troubleshooting guides in the installation instructions.

Most Common Problems other than batteries

1. 8 Pin Lead GC0133

The 8 pin lead is often the most common lead to cause problems. Symptoms vary depending on which pins has been damaged.

- Won't let you go past ignition sequence if the 8 pin lead is damaged.
- One long beep – green pin has been damaged which impacts on the micro switch on the valve from functioning.
- Black and Red Pin – linked to power if they are damaged there will be no response.
- Suggest service agents check the 8 Pin Lead first after batteries.
- Long beep usually indicates kill switch lead is faulty as no signal from the control box to the interrupter block

2. Themocouple lead - Broken circuit – needs to be replaced

3. Battery Lead – loose fitting, broken circuit needs to be fitted correctly or replaced.

4. Overtightening of the interrupter block – pilot won't hold – spark continues but no flame recognition.

5. Delayed ignition and small pilot - If pilot is small and requires several attempts to start the issue can be air in the gas pipe and will take a couple of attempts, once the valve opens it pushes the gas up to the pilot letting the air out. Following this a larger pilot should be visible.

6. Flue restrictor issues – If burner is on and then goes out suddenly and there is not a valve/control box issue then there could be a flue restrictor problem, if there is not enough air in chamber flames will flicker and lift off and then go out. Flame lifting is indicative of insufficient air. Check restrictor fitted.

7. Rear Terminal Exit - Cold start problems, alight for a few minutes and then goes out, flame lift off the burner this could be due to a less than horizontal flue.

8. Soot Issues This will be due to aeration, venturi, alignment, check correct burner and gas injector for LPG or NG

9. Varied flame across burner - check alignment of holes in burner line up and there is not a gauze dip. Gauze must be tight not loose, could also be spot welds missing. Blocked ports in the burner can contribute to problems.