

6 VDC BATTERY KNIGHTLIGHTER™ IGNITER TROUBLESHOOTING

TEST MODE

1. Sparks but does not light or lights inconsistently.

Probe adjustment; spark gap shall be 3/16 inch. Sparks shall appear across the spark probe to the pilot burner ring (mantle configurations), or to the side of the burner tip at the slit (open flame configurations)

2. Sparks and lights but does not stay lit.

Flame sensor is not seeing the flame (*If using, optional cover may be blocking the Flame Sensor view) or Daylight Sensor is seeing the flame (unit will cycle on and off). Adjust sensors. Remember to remove cover from Flame Sensor when unit lights.

3. No Spark. Solenoid clicks ON and then OFF, valve does not open.

Daylight sensor is seeing light. Cover sensor.

4. No Spark. Solenoid clicks ON and valve stays open during ignition cycle and then clicks off.

Spark gap is too wide. Adjust Probe, see Item #1.

5. Igniter resets i.e. clicks on/off continuously.

Spark gap is too close. Adjust to 3/16 inch.

OPERATIONAL MODE

Gaslight does not light in the evening.

1. Check for bright lights in the area. Cover sensors; if unit lights, make sure Daylight Sensor is not pointed toward any bright lights (street lights, Holiday lights, etc.). Check the alignment of the flame sensor; verify that it is pointed up toward the position of the flame. If necessary, apply sheath to flame sensor (*If using, optional cover may be blocking the Flame Sensor view).
2. Battery voltage is too low. Check batteries. Individual battery voltage shall be greater than 1.45 VDC. Replace batteries. Be sure batteries are installed correctly with negative end on the spring.
3. Check for conditions noted above under Test Mode.

NOTE: For QuickConnect Assemblies; the easiest way to replace the batteries is to unplug the igniter and remove the igniter from the lamp. The igniter can be taken to the shop where the batteries can be removed from the holder and replaced with new alkaline batteries. Be sure batteries are installed correctly with negative end on the spring.

Be careful not to get dirt in the gas receptacle when removing and replacing the igniter and make sure the igniter is fully seated after reinstalling. Check for gas leaks.

*Optional Brass Igniter Covers: If using Igniter Covers, they must be properly installed so that the flame sensor protrudes thru the small hole in the cover to view the flame. Covers can be left off if they can not be readily installed.

For questions and technical support please call 651-636-1008.