

## VG ELECTRONIC INSTALLATION INSTRUCTIONS

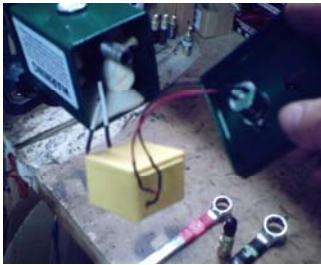


### Tools you will need:

$\frac{3}{4}$ " Wrench, a small pipe wrench (10"),  
 $\frac{7}{8}$ " Wrench, all-purpose electrician's tool,  
And PTFE thread seal tape (Teflon), a BBQ lighter



1. Place the pipe wrench on stem between electrical housing (green box) and the flashback arrestor and coupler.
2. With  $\frac{3}{4}$ " loosen brass coupler on the end of electrical housing.



3. With  $\frac{7}{8}$ " wrench remove bronze locknut and washer.
4. Remove XLR plate from housing.
5. Remove existing electronics attached to XLR plate from housing.



6. With all-purpose electrician's tool or wire cutters, clip white wires loose from wand and strip ends, also clip red and black wires from XLR plate and strip ends.



7. Remove electrical housing with black handle grip.



8. Place new electronics into housing with arc ends up, place  $\frac{1}{2}$ " black shrink tube on each white wire coming out of wand.

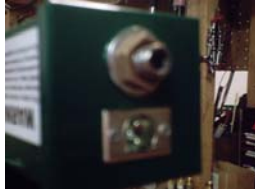


9. Insert white wires into outlets and crimp with crimpers, heat  $\frac{1}{2}$ " shrink tube over wire connectors and square outlet.

10. Place electronically housing with new electronics back onto wand (make sure no wires are crimped between housing and plates).



11. Place red and black wires from XLR plate into red and black wire connectors from new electronics and crimp, heat ¼” shrink tube over connectors. After heating shrink tubes bend connectors down.



12. Put sponges under and over the gas stem, under the electronics and replace XLR plate on housing end. Replace washer and bronze locknut.

13. **TEST:** plug XLR cord from control box to test for arc (if no arc, recheck connections).



14. Put Teflon on the threaded end of wand and place brass coupler, tighten to 1/16”-1/8” gap between bronze locknut and brass coupler.

If you have any questions please call (208)642-9891. Ask for Manny.

