



Manufacturer of the CROSSFIRE™ Brass Burner

3VIK Installation Manual

- * Select key valve location on your fire pit
- * Plumb your existing gas supply into one side of your key valve
- * Position your preferred support materials for the burner & plate inside of your fire pit (i.e., cinder blocks, elbow brackets, etc.)
- * Warming Trends recommends a 4" clearance from the finished top of your fire pit to your plate
- * Warming Trends recommends a minimum 6" clearance below plate for additional connections
- * Make sure to use thread sealant that is resistant to all gases on all fittings except flared fittings for flex lines
- * Be sure to tighten every joint securely
- * Perform leak tests on all fittings

Process #1

Mounting

Step 1: Use your pipe wrench & thread sealant to mount gas valve / drip stem assembly to coupling located underneath the burner plate. See photos #1 & #2

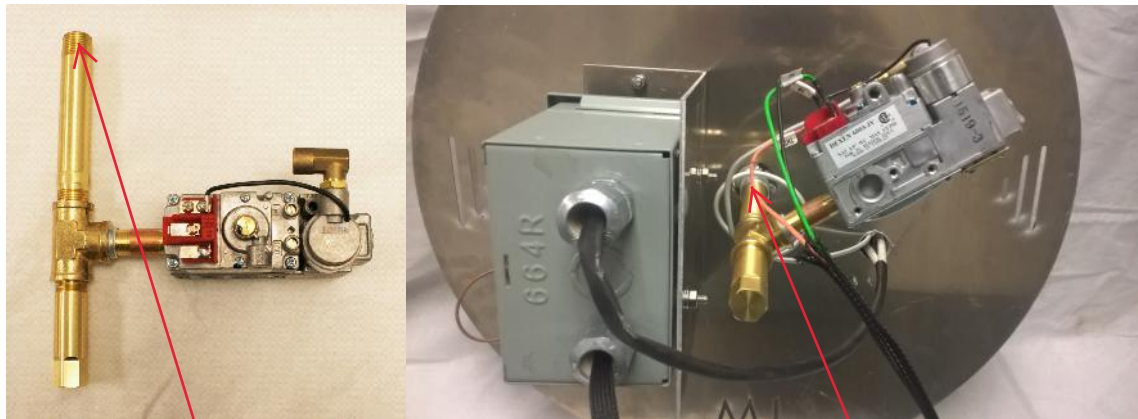


Photo #1

Photo #2

Apply Thread Sealant Here

2. Use your 11/32" open end wrench & Phillips head screwdriver to mount pilot assembly to burner plate. Position pilot assembly according to burner size. See Photo #3 (See attached cut sheets for different burner sizes and mounting positions)

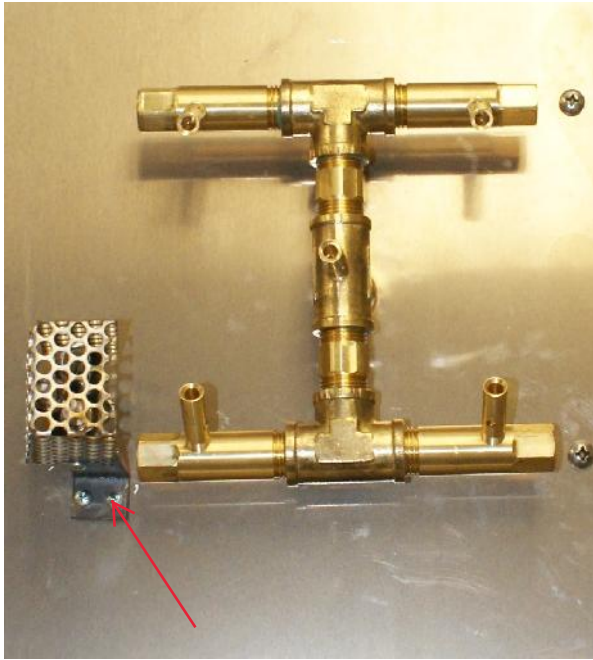


Photo #3

3. Use your 9/16" open end wrench & Phillips head screwdriver to mount electrical box to plate. See photo #4. (Electrical box will always be mounted within 4" of drip stem in step 1.)



Photo #4

Process #2

Wiring

Step 1: Use your 7/16" open end wrench to connect pilot assembly pilot tube to gas valve. See photo #5

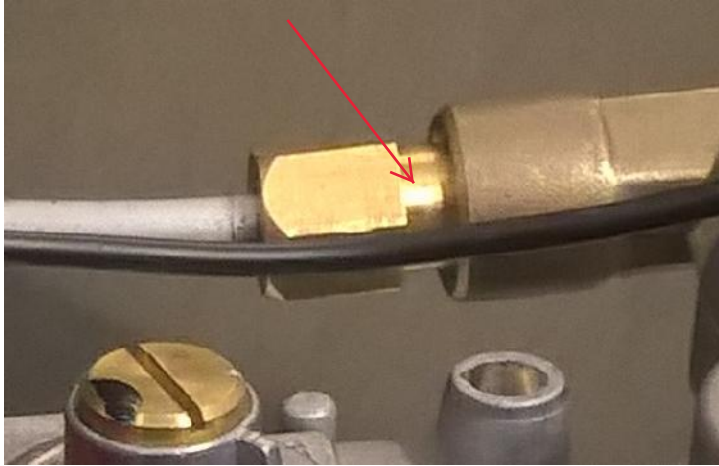


Photo #5

2. Connect pilot assembly spark wire to control module. You will see the connection points labeled as S & I on the green control module located inside of the electrical box, connect the corresponding wire labeled S & I to the proper point. See photo #6

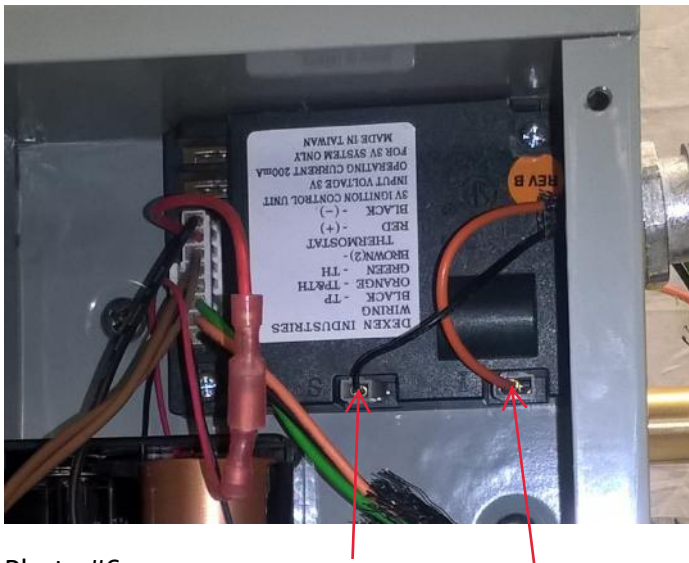


Photo #6

3. Connect wiring harness from control module / electrical box that is currently hanging out of the electrical box to gas valve. See photo #7



Photo #7

4. When completed your unit should resemble photo #8.



Photo #8