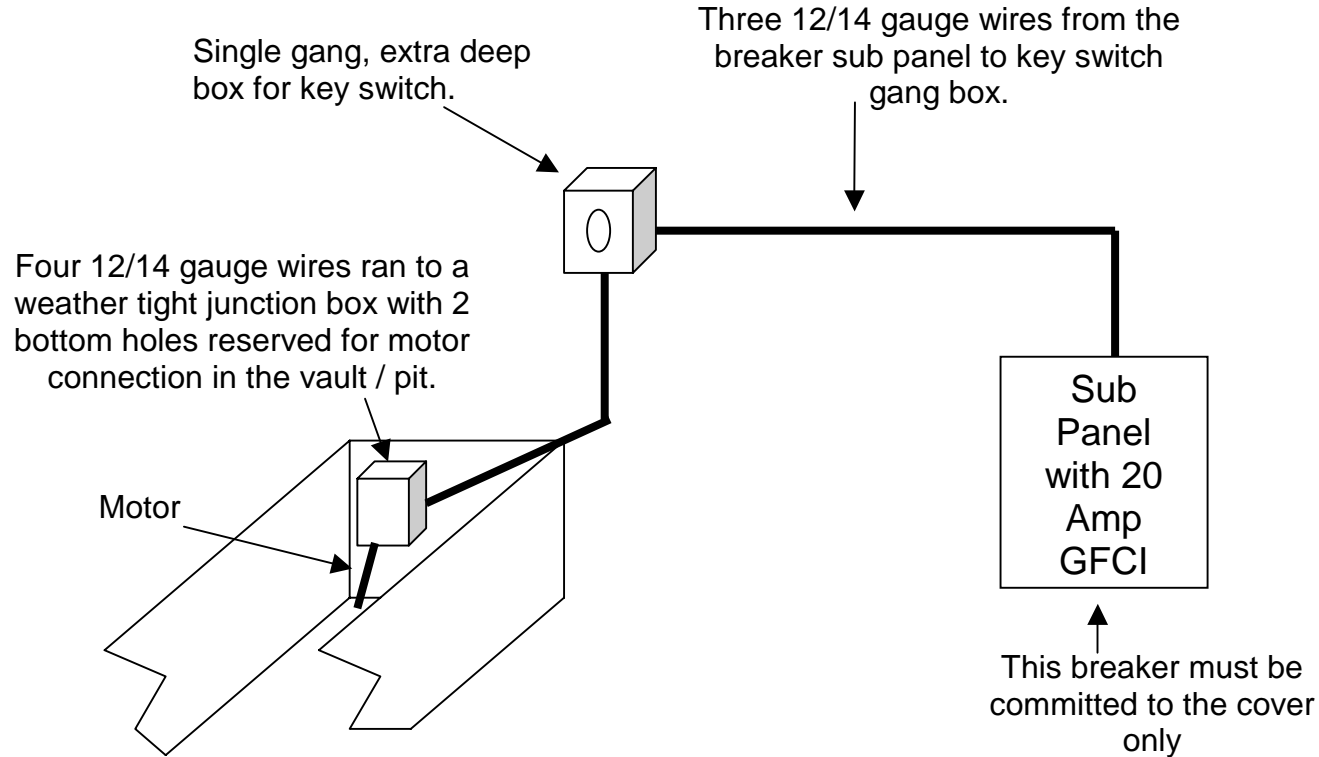


# **ELECTRICAL**

## Four Wire Motor (No power in pit when key is neutral)



### **WIRING A 110 UNIT**

The electrician should pull 3 (a hot, a neutral, and an unbroken green ground) insulated wires (110V) from the breaker panel to the key switch junction box. Pull 4 12 /14 gauge insulated wires from the key switch to a single gang junction box located at the motor end of the pit / vault. This box is to make the motor connection. It is helpful to the installer that the wires be color-coded and not the same color.

### **REMOTE SWITCHES**

No key switches are to be mounted in the pit or vault. The pool MUST be 100% visible from the key switch location.

### **GROUND FAULT CIRCUIT INTERRUPTER**

The breaker must be a ground fault circuit interrupter breaker. Do not use a GFCI outlet.

### **NOTE:**

The builder is responsible for bringing proper electrical lines, conduit, and bonding to the mechanism. Our installers are NOT electricians and are not qualified to run electrical lines. They are only able to make simple connections at the junction boxes.