

For 16 Pin Connector ONLY

These instructions are only for **16 pin connectors** with **MORE THAN 4 WIRES**, into the connector.

(Use other instructions for 4 pin connector)

1 Determine Motor Voltage



Jumper Wire - Use 120 VAC replacement PSC motor and capacitor



No Jumper Wire - Use 240 VAC replacement PSC motor and capacitor

2 Connect the QwikSwap® V3

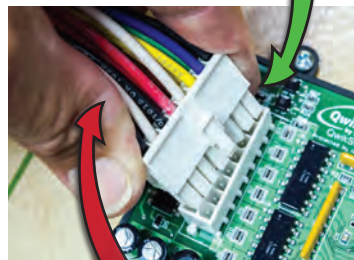
With **power off**, remove the **5-pin** power connector from defective ECM motor and plug it into mating connection on the QwikSwap® V3 board



5-pin Connector from Motor to QwikSwap® V3 Board



then...



16-pin Connector from Motor to QwikSwap® V3 Board

4 wires or fewer on this 16-pin connector? Use the other instructions!

IF THE PLUGS DON'T FIT YOU'RE USING THE WRONG QWIKSWAP, NEVER CUT THE CONNECTORS OFF!

3 Verify Proper Operation

a Reconnect power to the air handler. A flashing **Yellow** status LED and solid **Red** (COM) LED indicate proper communication.



If the **Yellow** LED is off, verify power to the QwikSwap® V3 board. If the **RED** LED is off or flashing, there is a communication error.

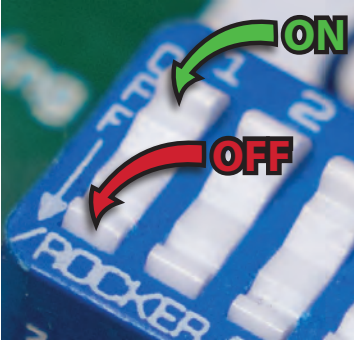
b Set the Fan to On. Following a short delay, the **Green** (HIGH) LED should initially light and then settle on one of the (HIGH), (MED) or (LOW) LEDs.



Flip over to the back of this sheet, there's a few more steps

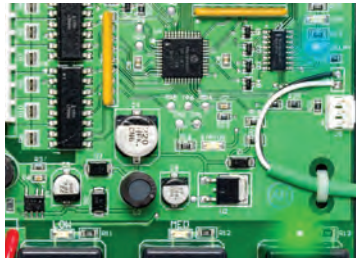
3 Verify Proper Operation ...continued

- c **NOTE:** If the motor is still running, refer to **Detailed Instructions, Appendix A1**. These instructions will involve specific settings of the QwikSwap® V3 board configuration switches. The figure below shows the proper direction of **ON/OFF** of a switch rocker.

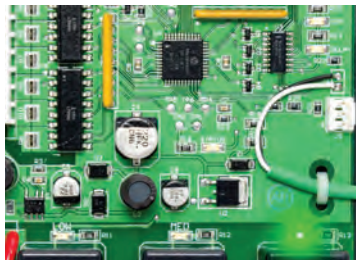


OFF position is indicated by a **down arrow** at the left of the first rocker!

- d **Set the Fan to Off.**
Following a short delay:
If a solid **Blue** (DELAY) LED and solid **Green** LED are both on, this indicates the Delay on Break is active. See Appendix 3, in the detailed Installation Guide, if you want to change the delay time.



If a solid **Blue** (DELAY) LED is off and solid **Green** LED is on (for more than 5 minutes) see Appendix 1, Adjusting the Input Configuration in the detailed **Installation Guide**.



4 Install the Replacement PSC Motor & Capacitor (same rotation and voltage)

- a Install the replacement PSC motor, mount the QwikSwap® V3 board and run capacitor.
- b Connect the PSC motor common wire to the **MOTOR COM** terminal on the QwikSwap® V3 board.
- c Connect the three PSC motor speed taps to the corresponding terminals on the QwikSwap® V3 board.

