**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)

This board is for use with the Azure® MARS No. 10865 (1/3 and 1/2 HP) and 10866 (3/4 and 1 HP) ECM motors. These motors use line voltage speed taps and connect to the QwikSwap® board at the motor outputs. No capacitor is required. The optional hand held programmer (MARS No. 08502) can plug into the Azure® motor to fine tune the CFM provided by the 3 speed output of the QwikSwap® board.

---

1. **Determine Motor Voltage**

   **Jumper Wire** - Set Azure® motor for 120V operation

   **No Jumper Wire** - Set Azure® motor for 240V operation

2. **Connect the QwikSwap®**

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

3. **Verify Proper Operation**

   - **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® board. If the **RED** LED is off or flashing, there is a communication error.

   - **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**
Verify Proper Operation ...continued

NOTE: Turn off the fan. If the motor is still running, refer to Detailed Instructions, Appendix A1. These instructions will involve specific settings of the QwikSwap® 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!

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 Azure® Motor
(same rotation and voltage)
- Install the replacement Azure® motor, mount the QwikSwap® board.
- Connect the Azure® motor common wire to the MOTOR COM terminal on the QwikSwap® board.
- Connect three Azure® motor speed taps to the corresponding terminals on the QwikSwap® board.

<table>
<thead>
<tr>
<th>HP</th>
<th>Motor</th>
<th>Low</th>
<th>Med</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3</td>
<td>10865</td>
<td>Purple</td>
<td>Gray</td>
<td>Yellow</td>
</tr>
<tr>
<td>1/2</td>
<td>10865</td>
<td>Gray</td>
<td>Yellow</td>
<td>Red</td>
</tr>
<tr>
<td>3/4</td>
<td>10866</td>
<td>Purple</td>
<td>Gray</td>
<td>Yellow</td>
</tr>
<tr>
<td>1</td>
<td>10866</td>
<td>Gray</td>
<td>Yellow</td>
<td>Red</td>
</tr>
</tbody>
</table>

Technical Support
M-F 8AM – 5PM Eastern • (800)-678-9888