1. Install board as you would any other.

2. Trace wire from fan motor to the point where it plugs onto the time-delay relay.

3. Unplug fan wire from time-delay relay.

4. Plug red wire from board onto time-delay relay.

5. Plug orange wire from board into wire from fan.

6. You're done!

**WARNING**

- Use only in 12V DC furnaces, not in AC powered park models.
- If you don't hook up red and orange wires as shown, the board will not operate.

**ADDITIONAL NOTES:**

The UIB "Fan Control" comes from the factory with these attributes:

- **20 second delay**: Waits 20 seconds after fan power is applied before attempting ignition.
- **DUAL SENSE**: Will simultaneously sense a flame current of .2 microamps through the local or remote electrode.
- **3-TRY**: Comes as a true 3-try board, but can be converted to a single-try board by cutting and removing the configuration jumper.
## Fan Control Board Troubleshooting

<table>
<thead>
<tr>
<th>Symptoms</th>
<th>Probable Causes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan comes on, Green light comes on, but no fire.</td>
<td>Red and Orange wires on UIB are not connected, or connected incorrectly.</td>
</tr>
<tr>
<td>Green light comes on, but fan does not, and board never fires.</td>
<td>Sail switch is stuck closed or is bypassed. (Power is applied to board connector before fan starts)</td>
</tr>
<tr>
<td>Fan comes on for 10 minutes, then goes off. Green light never comes on, board never fires.</td>
<td>Sail switch does not close properly, or limit switch is faulty.</td>
</tr>
</tbody>
</table>
| Fan comes on, Green light comes on, board fires, Furnace lights, but board goes back to green, (tries 2 more times if jumper is not cut) and shuts off fan after 1 minute. | Board is not sensing the flame;  
  - Check electrode condition and spacing.  
  - Check fuel/air mixture. |