




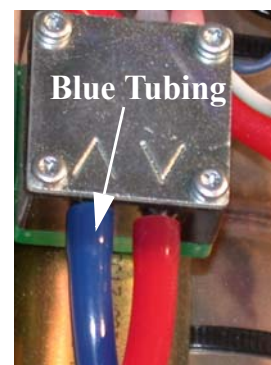
PDS™ 4-8 Station Control

Conversion from Internal Compressor to External Compressor

Procedure

1.  **Disconnect the power supply**
2. Disassemble the control so the compressor is accessible.
3. Locate where the blue tubing is connected to the compressor.
 - Disconnect the blue tubing from the internal air compressor. **See Figure1.**
4. Locate the tee in the red tubing that supplies the air loader and incoming pressure gauge.
 - Disconnect the red tubing at the tee that comes from the air compressor. In figure 2 the blue tubing was the location of this red tubing. **See Figure2.**
5. Locate the incoming power supply in the control box (black, black with white strip wires).
 - Disconnect or cut wires as long as possible.
6. Locate the pair of wires on the left side of the Rain Bird controller (black, black with white strip).
 - Disconnect from wire nuts.
7. Connect the two pairs of wires with the wire nuts that were removed in step 6.
 - Black wire to black.
 - Black with white strip wire to black with white strip wire.
8. Connect the blue tubing to the tee to supply air for the air loader and incoming pressure gauge. **See Figure2.**
9. Connect external air compressor to the blue tubing outside the control box.

The external air compressor needs to be regulated so the air supplied to the control is 12 psi (82.74 kPa) MAX.
10. Install the metal plates in the control as they were before.



**Figure 1. Disconnect
Blue Tubing**

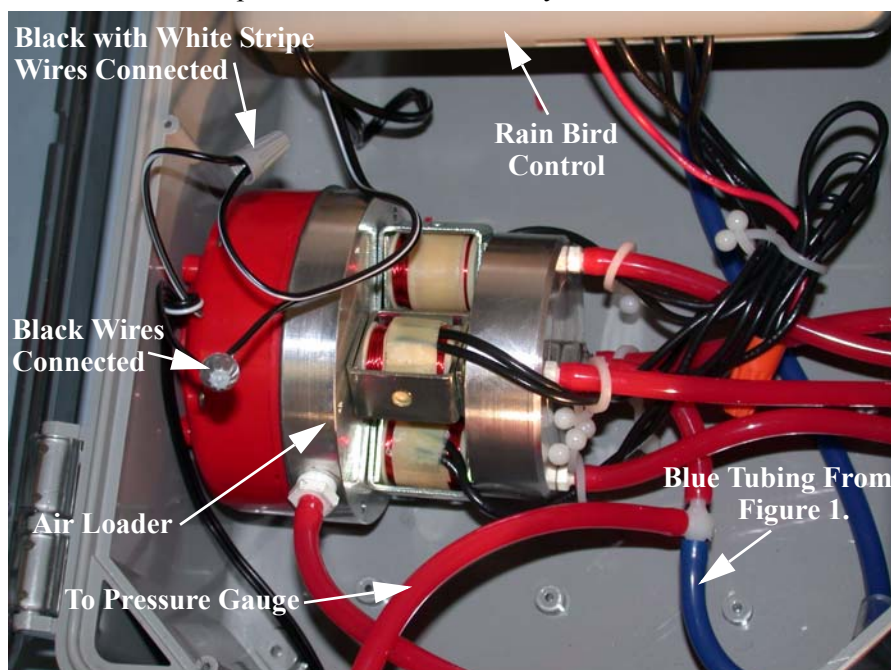


Figure 2. All Connected

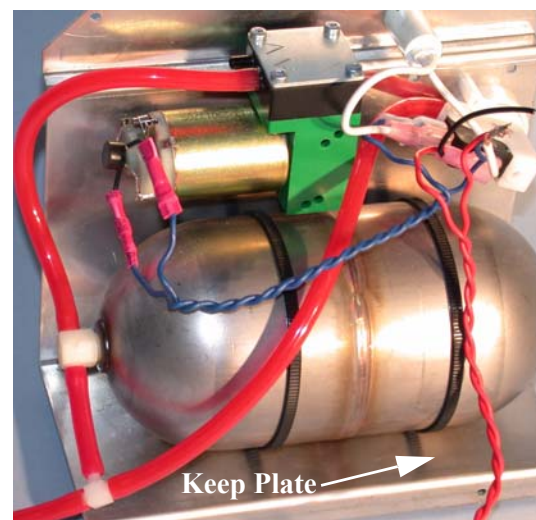


Figure 3. Extra Parts

All the parts on the back of this plate are now extra since there is an external compressor supplying air. **The Plate is needed to reassemble the control box.**