

Your Bullard Clean Air Box (CAB) is equipped with an alarm function to alert users to a loss of incoming air. Under some circumstances, this alarm can sound when in fact air is flowing into the system.

Alarm Indication

In the event of air loss, your CAB unit will display "LF" on the display screen of your Carbon Monoxide (CO) monitor, located inside of the yellow Pelican case.

Troubleshooting

The alarm is set to indicate when incoming air flow is less than 1 cfm. If you have verified that air is indeed flowing into the CAB unit through the inlet nipple:

1. Listen for the "hissing" sound of air leaking
 - a. If present, and located in or around the area of your CO monitor, it is very likely that the pressure switch and/or tubing has become disconnected inside your CO monitor.



Figure 1



Figure 2

Repairing

Tools required:

Phillips (slotted) screw driver

After removing all power sources (AC and/or DC), locate your CO Monitor (COM10 – or COM5 in Canada). With your screwdriver, remove the 4 screws holding the face of the monitor to the housing (**Figure 1**).

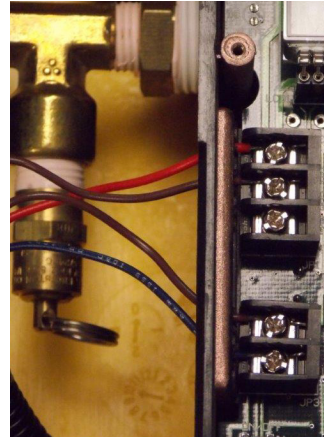


Figure 3

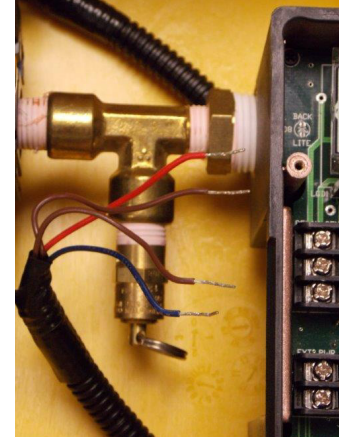


Figure 4

After removing the faceplate (gently pry upward from outside indentations), you will see the circuit board, crystal display, alarm, and CO sensor. (**Figure 2**)

Next, loosen the contacts holding the power and alarm wires in the monitor housing. A few turns should suffice. (**Figure 3**)

When re-installing, wires should be attached (in order from Top to Bottom): Red, Brown, Yellow (if present – Remote Alarm jack), Brown, Blue. The 2 brown wires are interchangeable. (**Figure 4**)

Next, remove the 4 screws holding the circuit board in place. (**Figure 5**)

Gently lift the circuit board from the housing. At this point you will be able to see the pressure switch below. Verify that the 2 white wires are connected to the pressure switch. Order does not matter. (**Figure 6**)

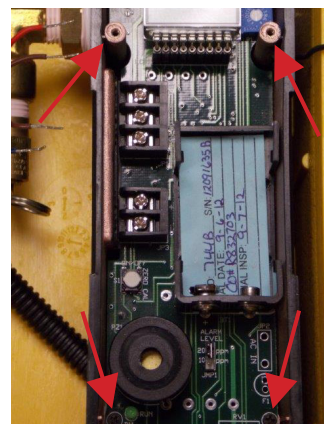


Figure 5

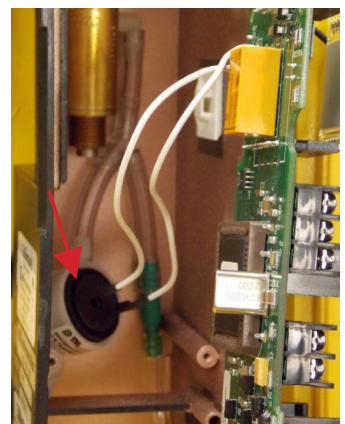


Figure 6

With the 2 white wires disconnected from the pressure switch, the CAB setup should look like **Figure 7**

If you have a disconnection, reattach.

If all parts are attached, and no air is leaking, please contact Bullard Customer Service for a Return Authorization.

Re-install parts in reverse order.

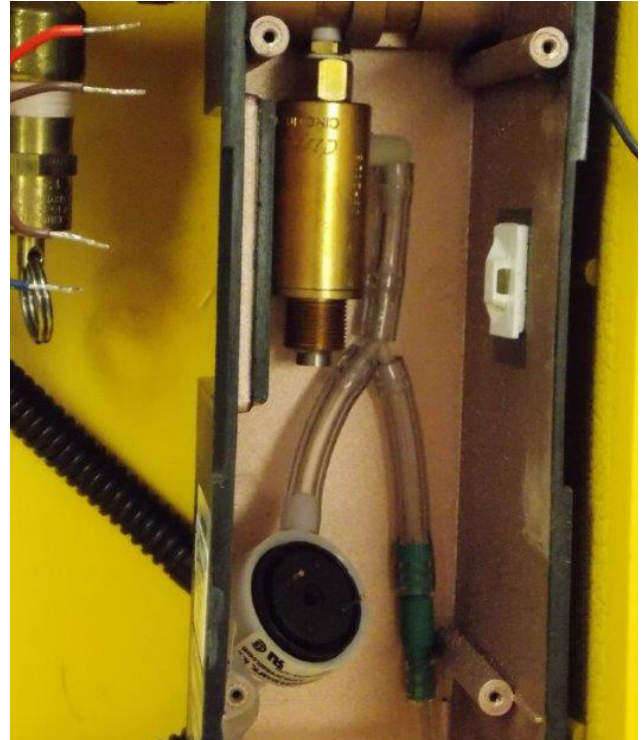


Figure 7

⚠ WARNING

Do NOT use this product if the low flow alarm is not functioning. Failure to follow this instruction could cause death or serious injury or life-threatening delayed lung disease including but not limited to silicosis, pneumoconiosis or asbestosis.

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