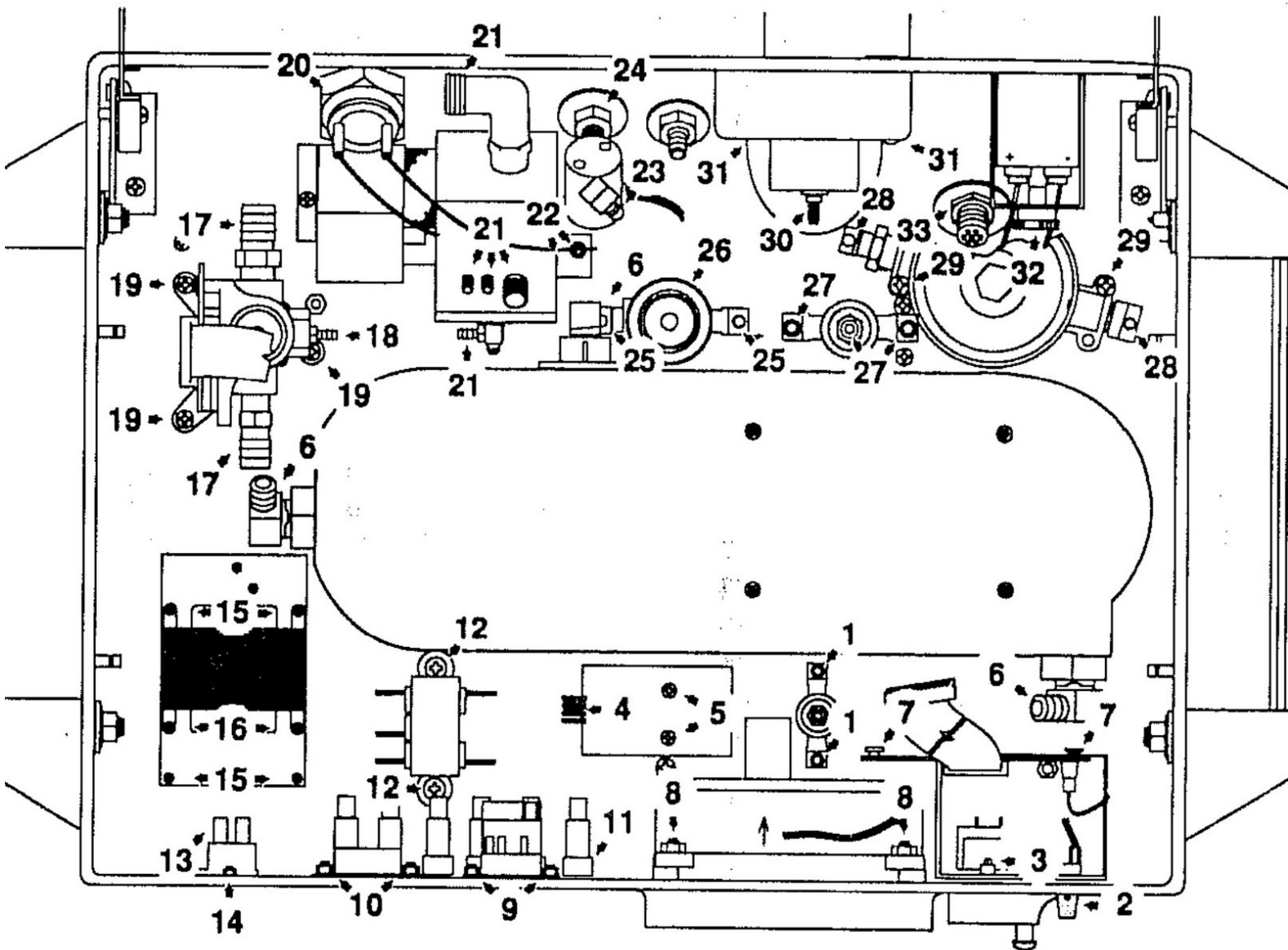# Bear 1000 Power Entry Module Replacement

Use this guide to replace the Power Entry Module in your Bear 1000 ventilator.

Written By: Eli Ferman

INTRODUCTION

This guide will walk you through the process of replacing the Power entry Module in a Bear 1000 Ventilator. Found on page 88 in the full service manual.

🔧 TOOLS:

- flat head & philips screw driver (1)
- Large Needle Nose Pliers (1)
- Zip Ties (1)
- Marker (1)
- Allen Wrench 7/32" (1)

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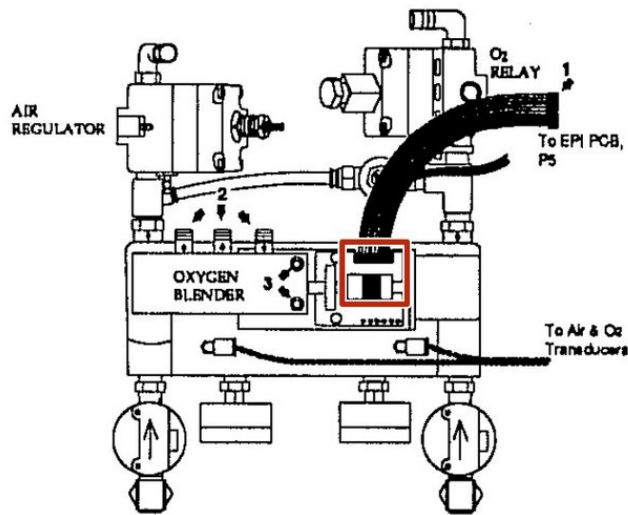
Step 1 — Air and O2 Blender

Figure 8-3
Air & O2 Blender

- Remove the ribbon cable at the connection on the oxygen blender control board.
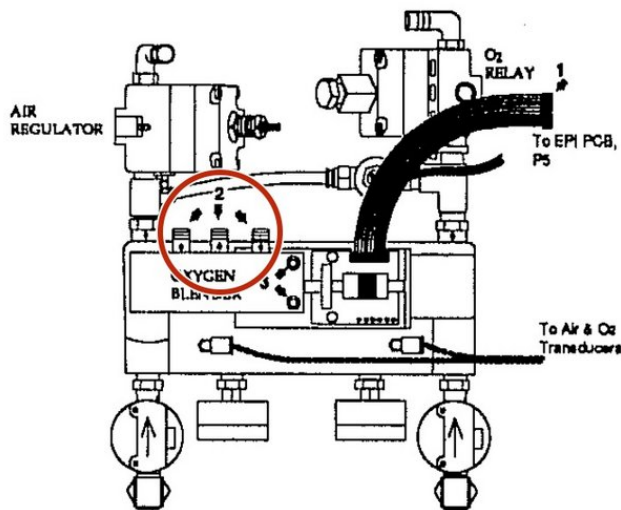
Step 2

Figure 8-3
Air & O2 Blender

- Mark the plastic hoses attached to the oxygen blender (so you can put them back on the same way) and then remove.
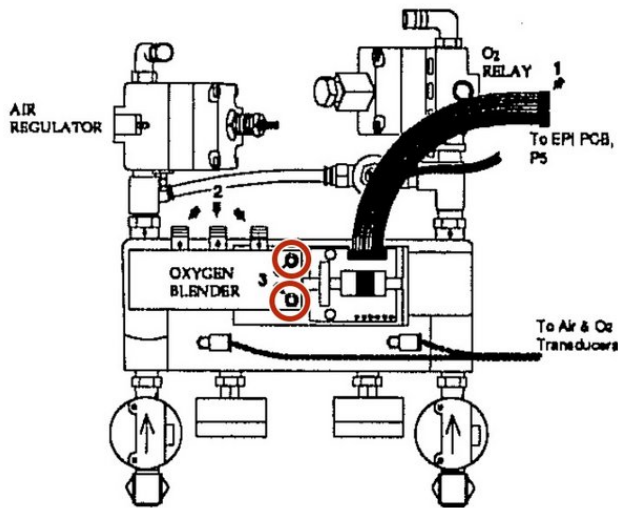
Step 3

Figure 8-3
Air & O2 Blender

- The air/oxygen blender has two screws close to the control board. Remove them and remove the unit.
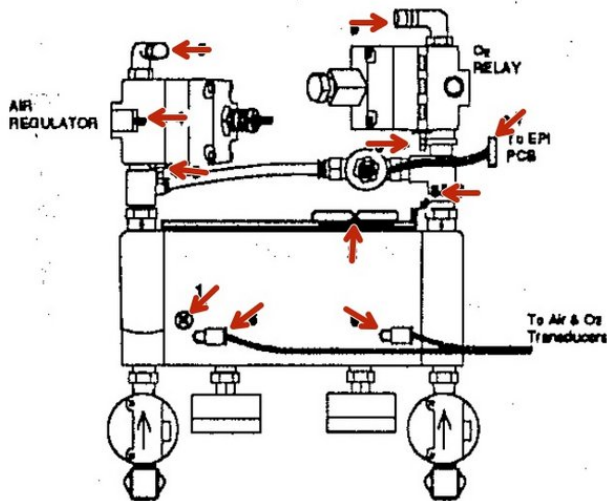
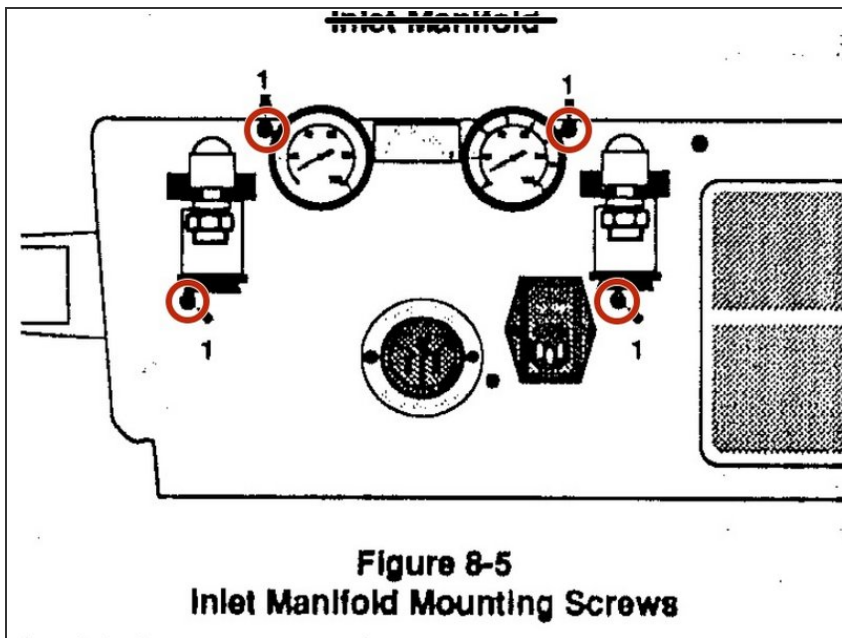## Step 4 — Air and O2 Inlet Manifold

Figure 8-4
Inlet Manifold

- Remove the pneumatic and electrical connections labeled.

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Step 5

- Remove the water trap bowls on the rear of the unit.

Step 6

Figure 8-5
Inlet Manifold Mounting Screws

- Remove the four screws and remove the manifold.

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Step 7

- Remove the two screws holding the power supply to the manifold.

Step 8 — Power Entry Module

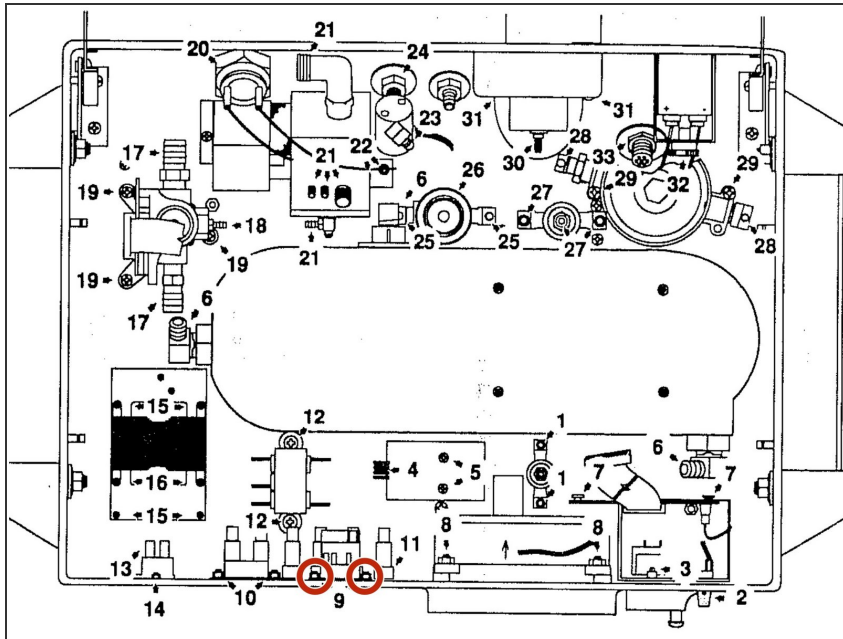- Mark or label the 6 faston connections as to position and remove

Step 9

- Mark or label the two wires going to the power switch and remove at the power switch end

Step 10

- Using an allen wrench, remove the power cord retaining bracket.

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Step 11

- Using an allen wrench, remove the mounting screwa and nuts from the Power Entry Module.

Step 12

- After removing the heat shrink tubing, unsolder the two lower wires from the Power Entry Module, noting locations.

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Step 13

- Solder the wires to the replacement module, covering the joints with heat shrink tubing.

Step 14

- Transfer the voltage selector drum from the original module to the replacement and reinstall.

To reassemble your device, follow these instructions in reverse order.

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