Newport e500 Alarm Speaker Disassembly
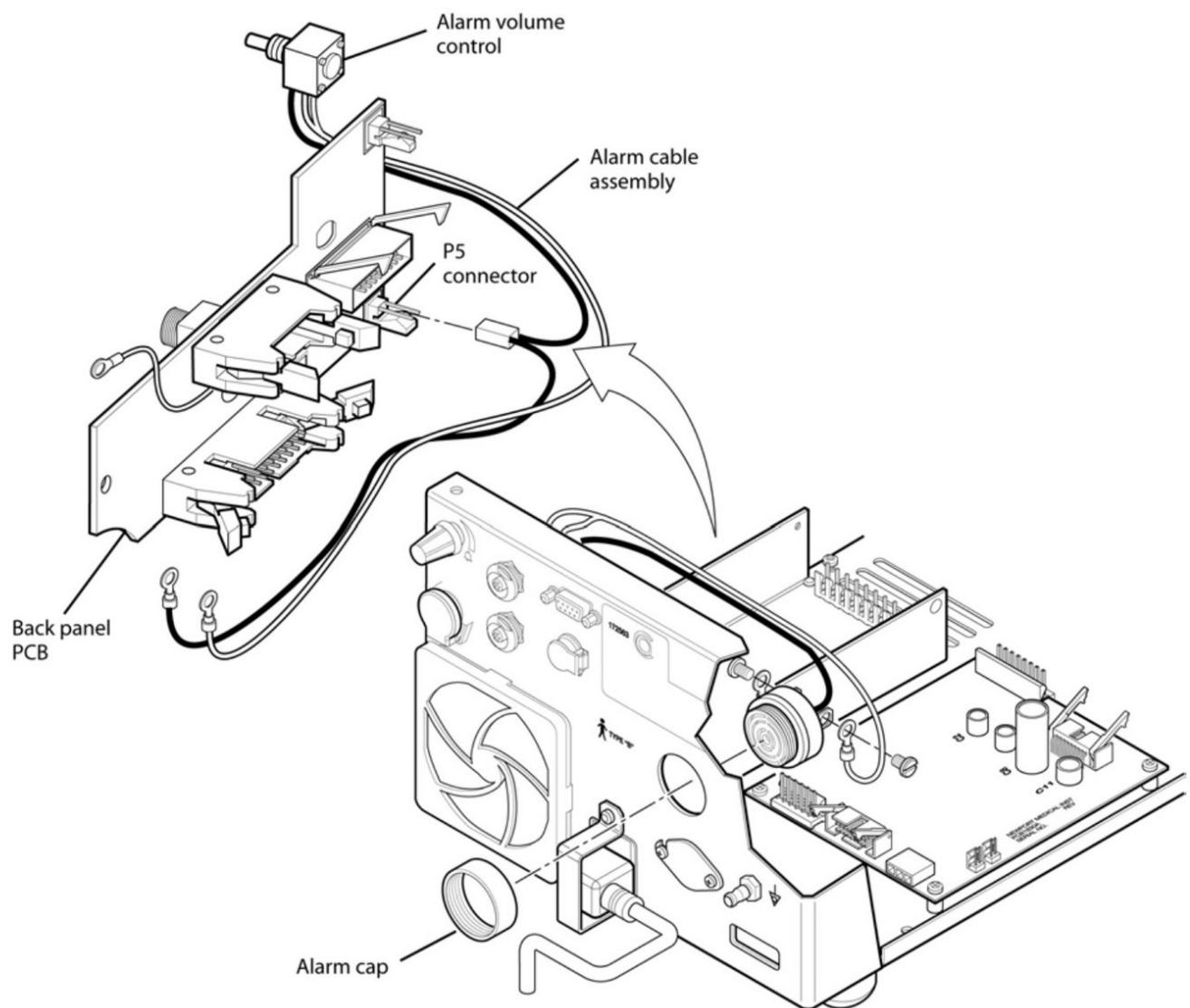
How to remove the alarm speaker in the Newport e500 ventilator.

Written By: Jeremy

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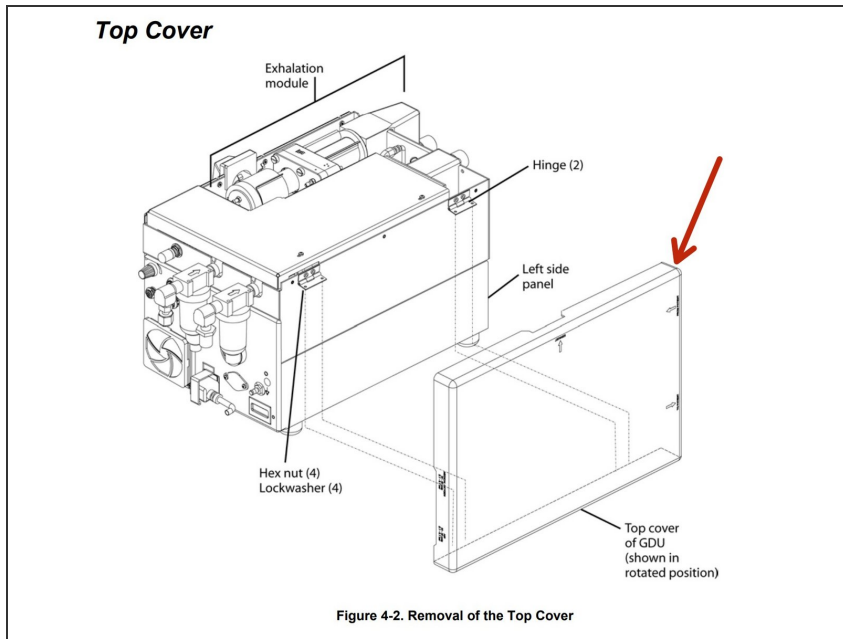
INTRODUCTION

This guide will cover the removal and replacement of the alarm speaker inside the Newport e500. This operation will require a torque wrench and Philips screwdriver. The alarm speaker is located on the back panel. For more information refer to page 79 of the service manual.
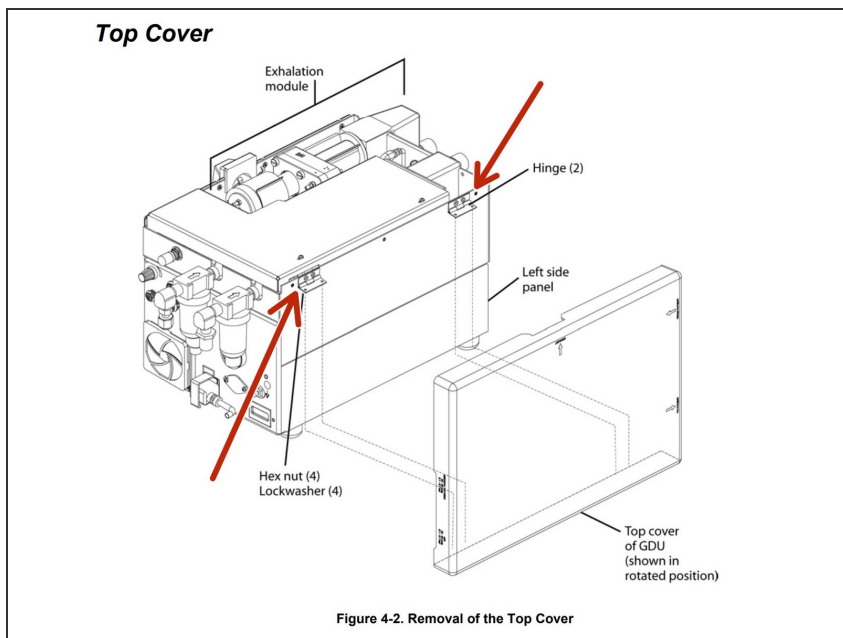
🔧 TOOLS:

- Torque Wrench (1)
- Phillips #0 Screwdriver (1)
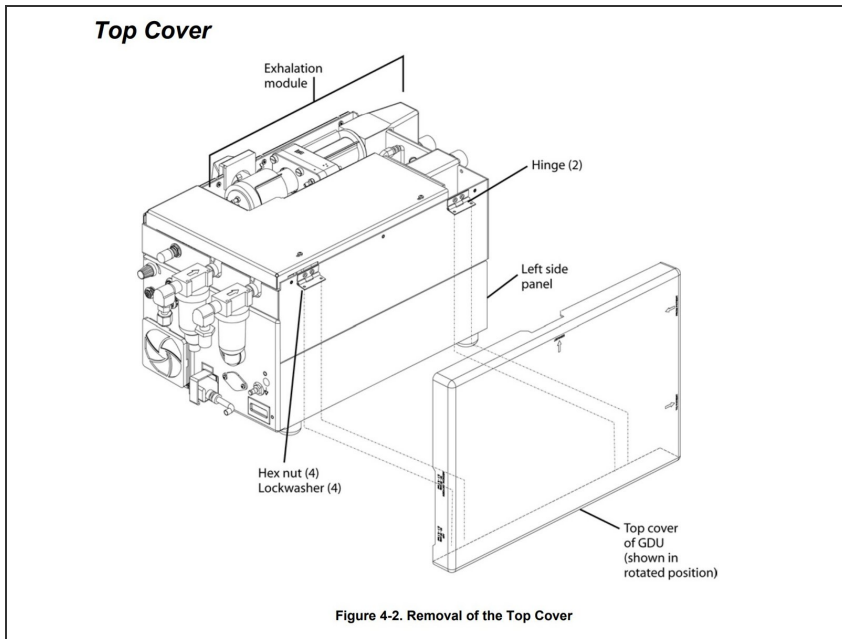
Step 1 — Newport e500 Top Cover Disassembly

Figure 4-2. Removal of the Top Cover

- Place device so that the top cover is facing you.

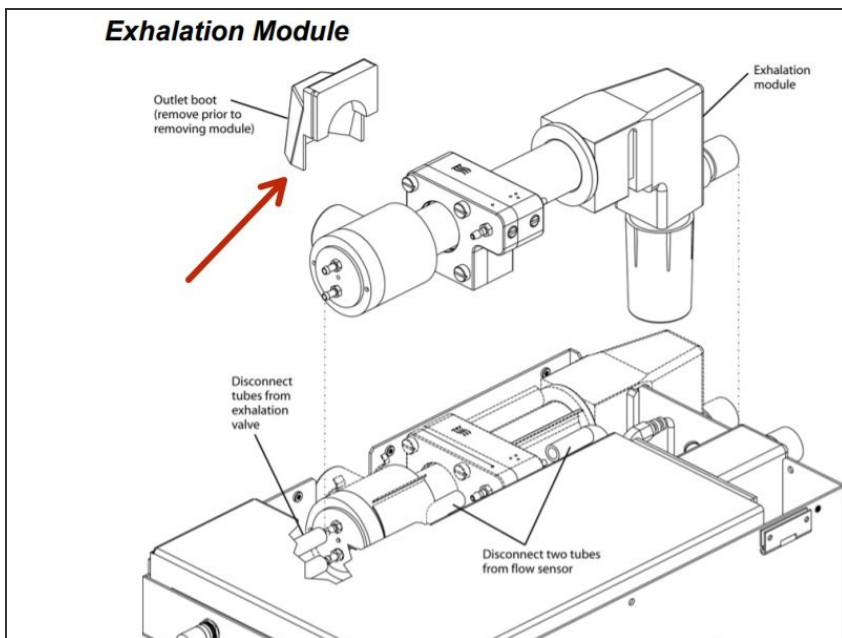- Open the top cover.

Step 2

Figure 4-2. Removal of the Top Cover

- Remove the four hex nuts and lock washers (two at each hinge) that secure the cover to the hinges on the left side of the pneumatic box.

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Step 3

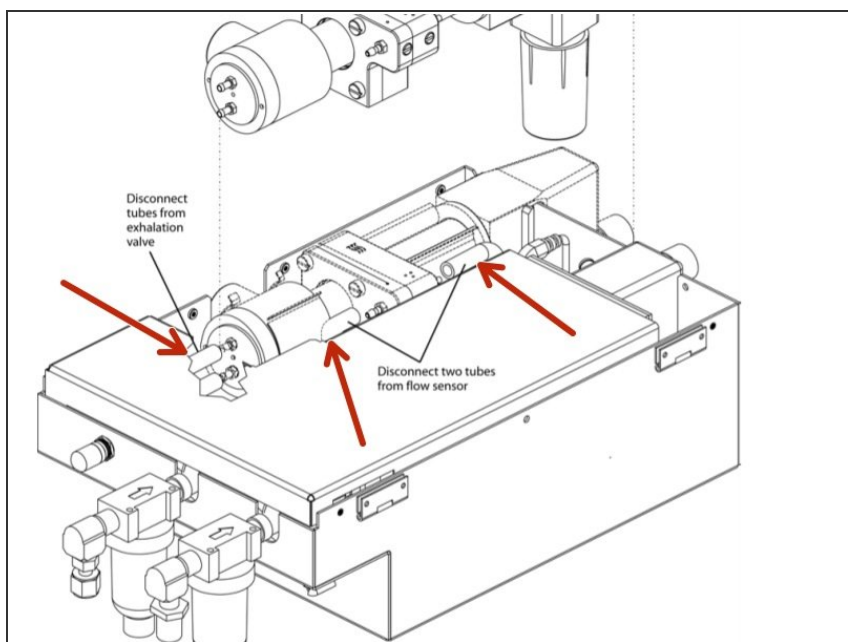Figure 4-2. Removal of the Top Cover

- Remove the cover and set aside. Retain hardware for re-assembly.
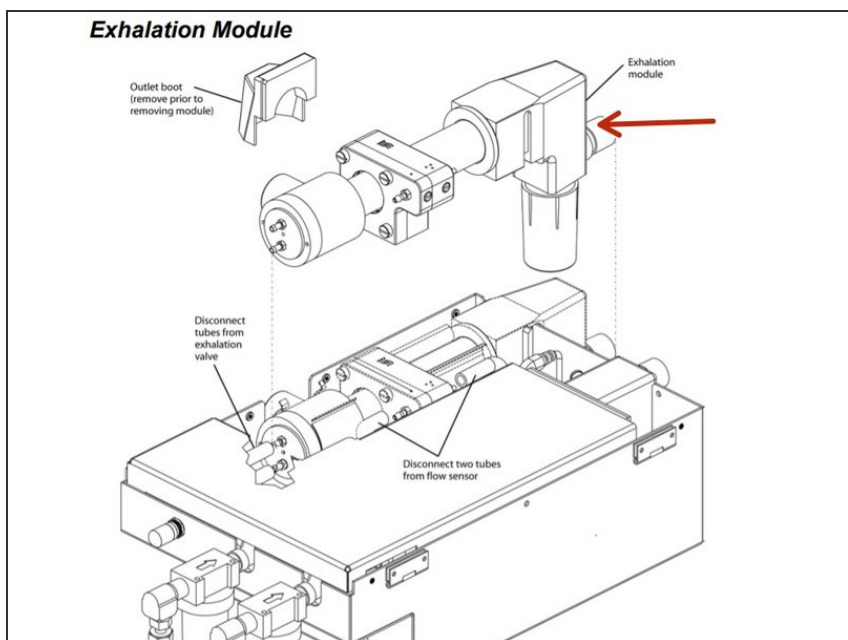
Step 4 — Newport e500 Exhalation Module Disassembly

- Pull up and remove the flexible rubber exhalation outlet boot (push fit).

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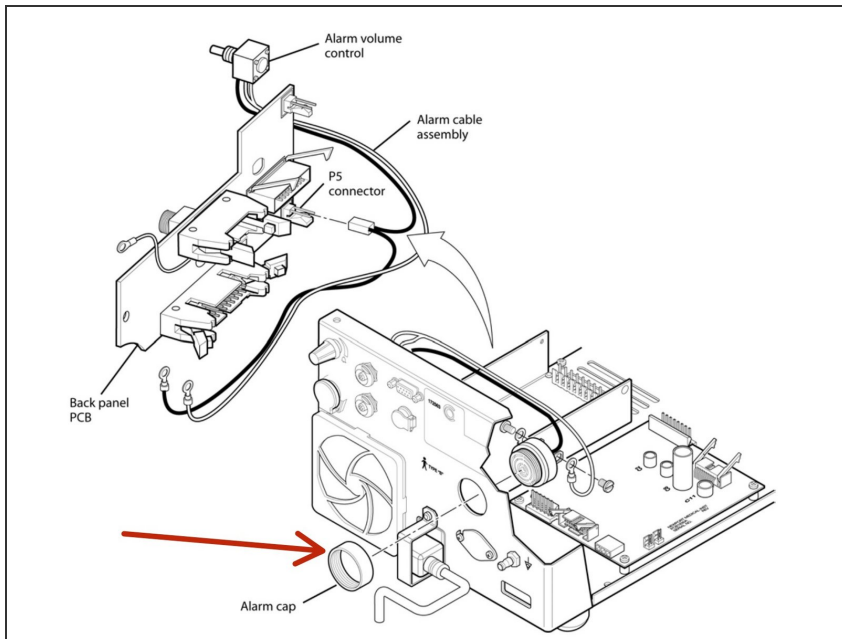
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Step 5

- Disconnect the tubes from both sides of the flow sensor and the two tubes from the exhalation valve.
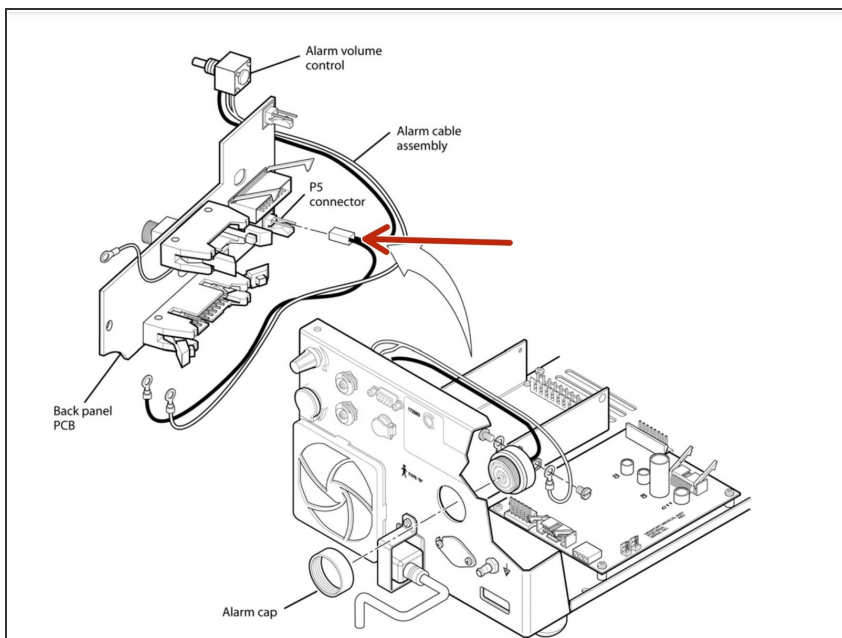
Step 6

- Pull the exhalation module straight up to remove it from the GDU.

Step 7 — Newport e500 Alarm Speaker Disassembly

- Unscrew the alarm retaining ring from the outside of the back panel; then pull the speaker from the inside of the back panel.

Step 8

- Disconnect the alarm cable assembly from P5 on the back panel PCB.

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

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