Viasys Avea Exhalation Corner Assembly Removal

How to remove the Exhalation Corner Assembly to access other parts of the Viasys/CareFusion Avea Ventilator.

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INTRODUCTION

Removing the Exhalation Corner Assembly is a prerequisite step before removing the metal top cover and replacing the internal battery among other processes.

Removing the Exhalation Corner Assembly is discussed in service manual revision D:

- Chapter 4: Assembly and Disassembly, Pg 51-52

PLEASE NOTE: This repair guide was developed by a student iFixit team based on Viasys/CareFusion's own service manual. Neither iFixit nor this repair guide is endorsed by or affiliated with Viasys or CareFusion.

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Step 1 — Viasys Avea Exhalation Corner Assembly Removal

- Check to see if the exhalation filter assembly is installed, if it is, remove the exhalation filter assembly.

- Rotate the metal locking lever on the lower right of the ventilator body forward to an open position.

- Remove the exhalation filter assembly from the ventilator body by pulling straight down.

Step 2

- Using a long Phillips screwdriver, remove the Phillips screw located at the top of the exhalation filter assembly well, if applicable.

Step 3

- Using a long Phillips screwdriver, remove the Phillips screw located at the exhalation port marked EXH, if applicable.

Step 4

- Using a long Phillips screwdriver, remove the Phillips screw from the outside of the plastic cover.

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Step 5

- Using a long Phillips screwdriver, remove the Phillips screw on the font left wall.

- Using a long Phillips screwdriver, remove the Phillips screw on the right side of the wall.

- Set the plastic cover aside.

Step 6

- Using a long Phillips screwdriver, remove the 3 Phillips screws on the metal re-enforcement cover, if applicable, and set aside.

- Remove the Exhalation Corner Assembly.

To reassemble your device, follow the steps in the reverse order.

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