



Viasys Avea UIM and Plastic Cover Disassembly

This guide aims to remove the UIM and in turn access the plastic cover attached to the Viasys Avea ventilator.

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INTRODUCTION

This guide aims to remove the UIM and in turn access the plastic cover attached.

Removing the UIM and plastic cover is discussed in service manual revision D:

- Chapter 4: Assembly and Disassembly, Pg 50-51

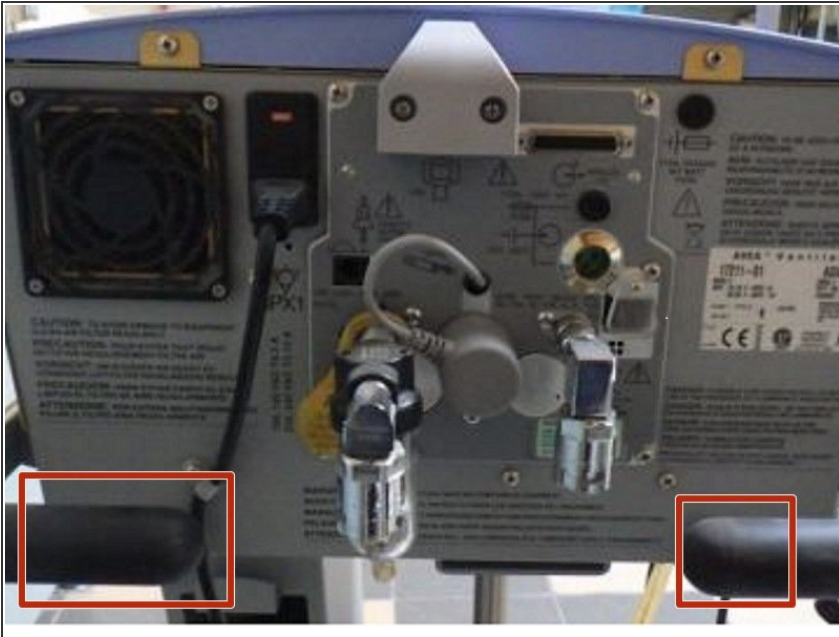
PLEASE NOTE: This repair guide was developed by a student iFixit team based on Viasys/CareFusion's own service manual. Neither iFixit nor this repair guide is endorsed by or affiliated with Viasys or CareFusion.



TOOLS:

- [Phillips #2 Screwdriver](#) (1)
 - [11/32" Nut driver](#) (1)
 - [3/8" Nut Driver](#) (1)
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Step 1 — Viasys Avea UIM and Plastic Cover Disassembly



- Remove the 'rubber collar' located at the UIM rear neck, by grasping one of the two rubber tabs at the bottom. Pull firmly in an "arcing" motion.

Step 2



- Pull UIM forward and look for the Phillips Screw on the front arm cover. Remove (1) Phillips screw from the front arm cover. Remove the front arm cover.

Step 3



- Remove the two mounting screws now visible inside the 'back arm cover'. Tilt the UIM down and remove the 'back arm cover'.

Step 4



- Remove the (4) 11/32 KEP nuts that secure the 'plastic top cover' opening onto the chassis.
- Remove (2) Phillips screws that secure the 'plastic top cover' to the rear chassis.
- Slide the top 'plastic top cover' upward and forward away from the chassis.

Step 5



- Remove the (2) Phillips screws and washers that secure the HSSC Cable on the GDE. Unplug the HSSC Cable.
- Carefully feed the HSSC Cable through the 'plastic top cover' opening.

Step 6



- While continuously supporting the UIM, remove (4) 3/8 nuts that fasten the UIM support arm onto the pneumatics.
- Lift UIM off of pneumatics and set aside.
- Remove plastic cover and set aside.

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