# Welch Allyn Connex Vital Signs Monitor 6000 Module Replacement

Replace or add a new module to your Connex vital signs module.

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## INTRODUCTION

Use this guide to remove or replace a vital signs module from a Connex monitor.

This guide shows to procedure to remove a module from a standard chassis. The procedure can be repeated to remove the second module from the standard chassis, and the third module from an extended chassis.

PLEASE NOTE: This repair guide was developed by the iFixit team based on Welch Allyn's own service manual. Neither iFixit nor this repair guide is endorsed by or affiliated with Welch Allyn.

🔧 **TOOLS:**

- Coin (1)
- Flathead Screwdriver (1)
- Phillips #2 Screwdriver (1)

## Step 1 — Stand



- Unplug the AC power connection cable.

## Step 2



- Place your thumb and forefinger on the blood pressure (NIBP) hose connector. Squeeze the side tabs until the connector releases.

  ⚠️ Always grasp the hose by the connector. Do not pull on the hose itself.

- Pull the connector away from the connector port.

## Step 3



- Place your thumb and forefinger on the Pulse oximetry (SpO2 or combined SpO2/SpHb) cable connector. Squeeze the side tabs until the connector releases.

  ⚠️ Always grasp the cable by the connector. Do not pull on the cable itself.

- Pull the connector away from the connector port.

## Step 4



- Grasp the temperature probe and pull it up to remove it from the monitor.

## Step 5

- Remove the cover of the temperature module by pressing the tab and sliding the cover to the right.

## Step 6

- Depress the spring tab on the temperature probe cable connector and withdraw it from the probe port.

## Step 7

- Remove the flathead screw on the USB networking door.
- Loosen the captive Phillips #2 screw securing the monitor to the stand.

## Step 8

- Holding the monitor securely, open the USB networking door.
  - ⓘ You may have to lift the monitor slightly to allow the door to swing out from the stand mount.

## Step 9



- Detach any accessory USB cables from USB ports on the monitor.

## Step 10



- Slide the monitor off of the stand tray.

## Step 11 — Battery



ⓘ Place the monitor upside down on a clean surface.

● Insert a coin into the slot and push to open.

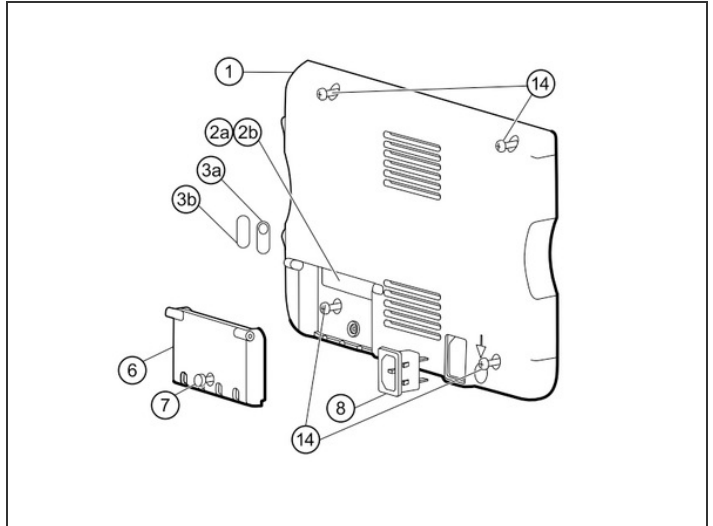 ⓘ Choose a coin that fits comfortably into the slot.

● Remove the battery cover.

## Step 12



● Use the plastic label to remove the battery from its recess.

## Step 13 — Rear Housing



ⓘ Open the communications door to access the lower left-hand rear housing screw.

● Remove the four Phillips #2 screws (labeled 14 in the service manual) from the rear housing.

## Step 14



● With the handle/alert bar facing you, begin to lift the rear housing from the left side, holding the right side securely.

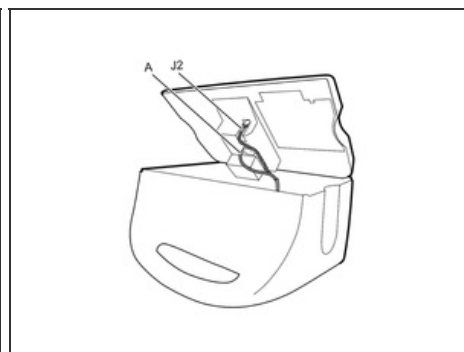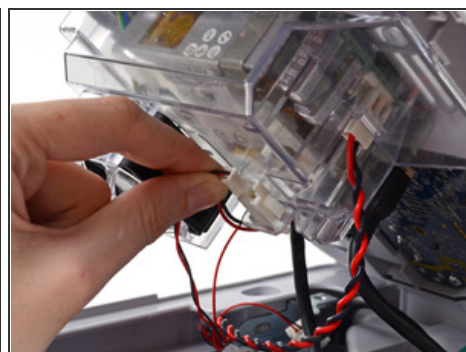⚠ **Do not** attempt to separate the rear housing from the monitor, it is still attached with several cables.

## Step 15



ⓘ Support the rear housing while you disconnect the cables in the following steps.
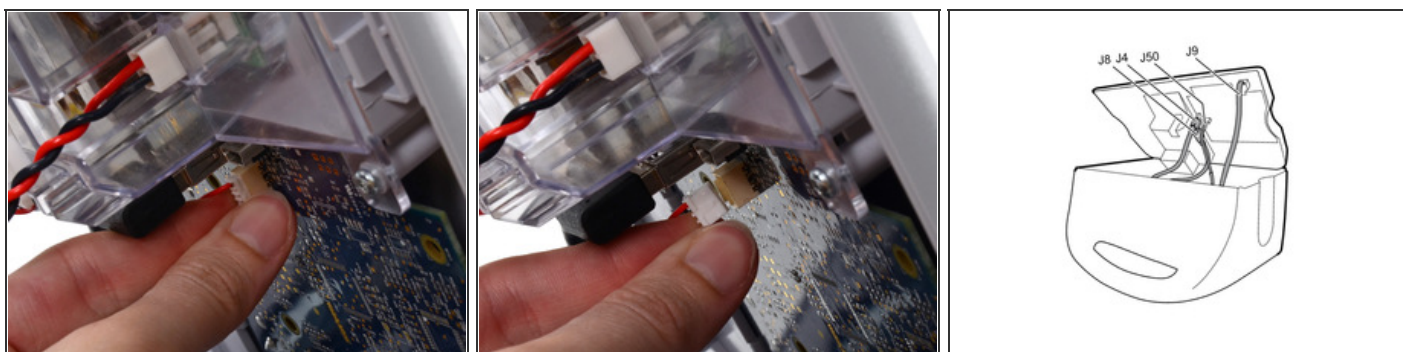
## Step 16



● Disconnect the fan cable (labeled connector A in the service manual) from its socket in the power supply.

### Step 17



- Unplug the small USB connector from its socket (labeled J4 in the service manual).
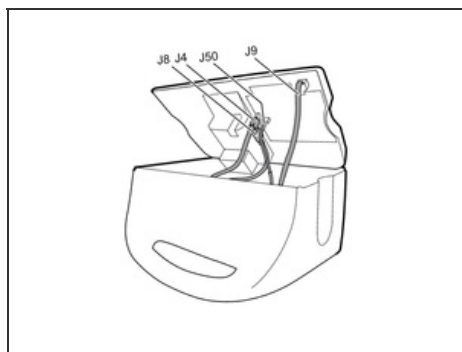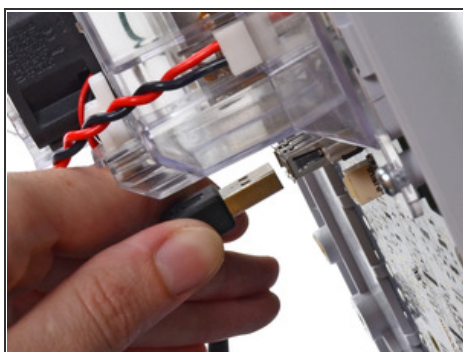
### Step 18



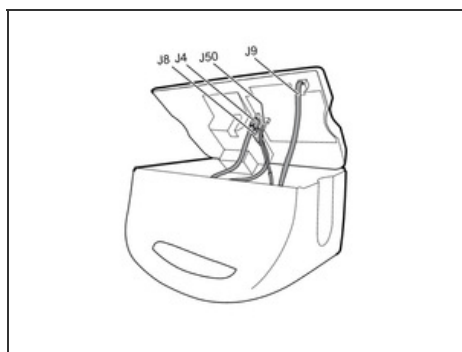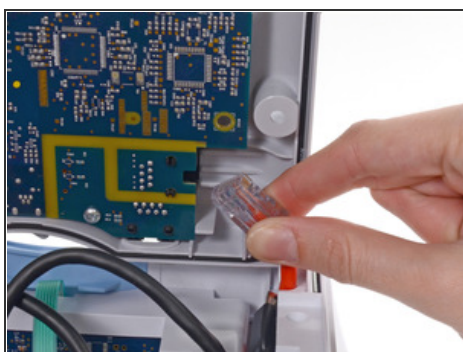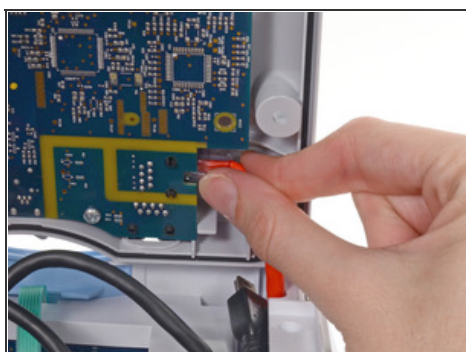- Disconnect the communications power cable from its socket (labeled J50 in the service manual).

⚠️ **Only** pull on the connector itself and not the socket. This connection is very tight, work the connector slowly and gently.

## Step 19



- Unplug the large USB connector from its socket (labeled J8 in the service manual).
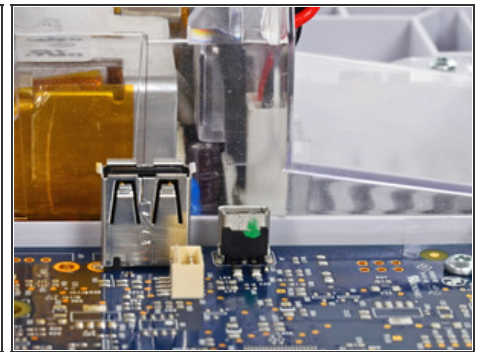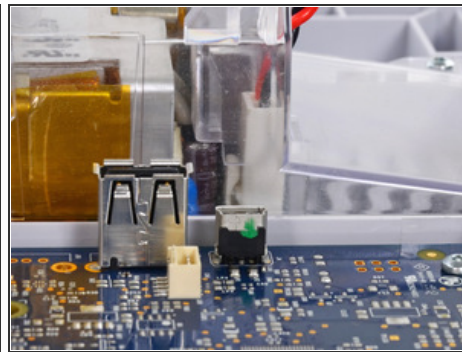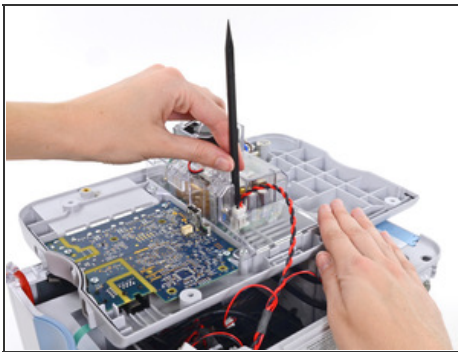
## Step 20



- Press the tab on the ethernet cable and unplug it from its socket (labeled J9 in the service manual).
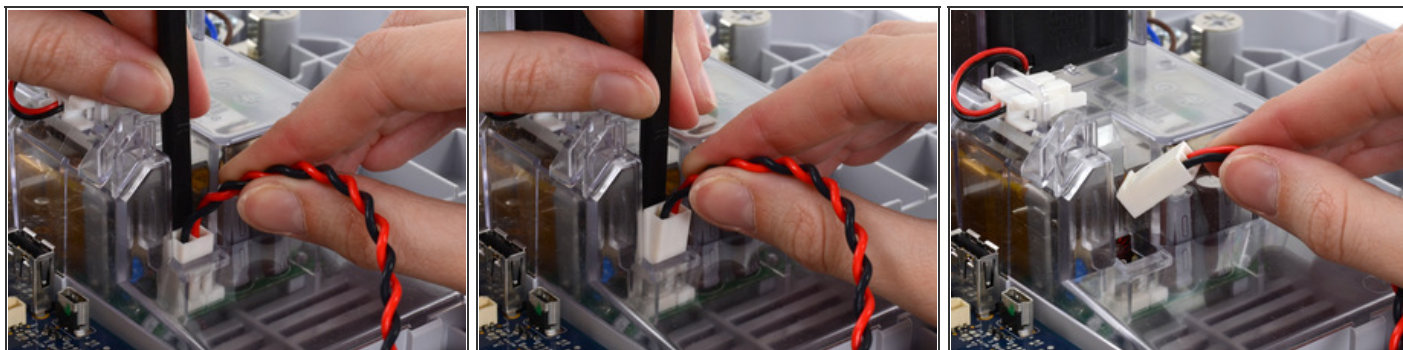
## Step 21



(i) The following connector requires two hands to disconnect. Flip the rear case over, and lay it on its back to gain access to the power supply cable.

## Step 22



- The power supply cable is secured by an interlocking connector that must be held open to unplug the connector.

(i) Insert the flat end of a spudger down into the power supply cover between the socket clip and the power supply connector.

## Step 23



- Grasp the power supply cable firmly and lift both it and the spudger from the channel in the power supply housing to unplug the connector.
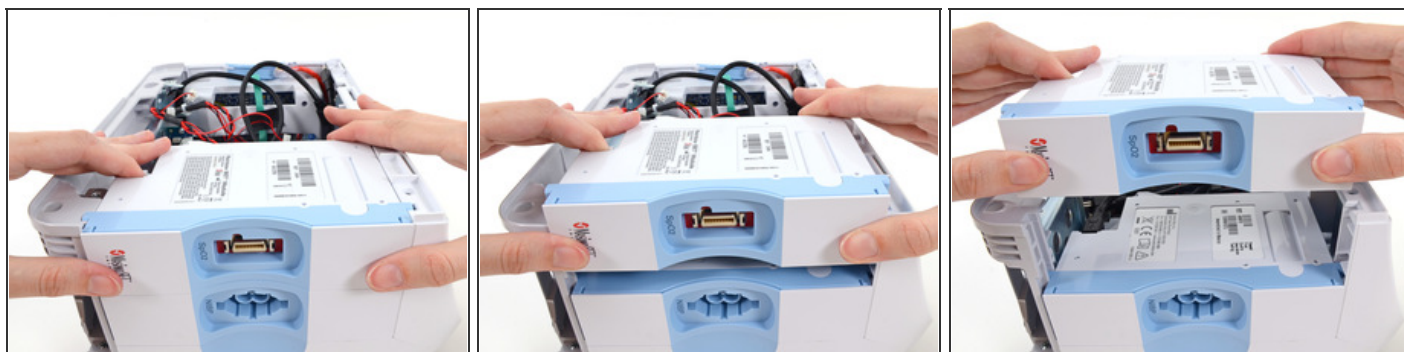
## Step 24 — Module



- Disconnect the USB cable from the module.
  - For the extended chassis: Disconnect the two USB cables from the module.

## Step 25



- Remove the USB cable from the retaining clip on the module.

## Step 26



- Slide the module out of the case.

- Repeat the above procedure to remove any additional modules from the chassis.

- During reassembly, install the module closest to the display first.

- Reinsert modules into the housing with the serial number label facing up.

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

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