

**Model 76871VA**  
**Model 76871VAS**  
**Model 76871VASF**  
**Model 76871VS**  
**Model 76871VSF**  
**Model 76871VAF**  
**Model 76871VF**

# **SUBJECT'S CHAIR w/ ACTIVITY SENSORS**

## **SET UP and USER'S MANUAL**



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## ***Table of Contents:***

<b>Chair Assembly:</b>	<b>4</b>
<b>Sensor Installation and Set Up:</b>	<b>6</b>
<b>76871VS / VSF / VAS / VASF Seat Sensor Setup:</b>	<b>8</b>
<b>76871VA / VAS / VAF / VASF Arm Sensor Setup:</b>	<b>9</b>
<b>76871VF / VAF / VSF / VASF Feet Sensor Setup:</b>	<b>10</b>
<b>Ordering Information:</b>	<b>12</b>





# Lafayette Instrument Subject's Chair w/ Activity Sensor

## ASSEMBLY:

1) Attach the Right and Left Arm Assemblies (3,4) to the Seat Assembly (1) using the 1/4-20 x 3/4 Socket Screws (9), 1/4-20 Split Washers (10), and 5/16 Flat Washers (6) with the supplied Allen wrench. See Figure 1.

2) Attach the Back Rest Assembly (2) to the Seat Assembly (1) using the 1/4-20 x 1 1/2 Hex Bolts (5), 5/16 Flat Washers (6), Bronze Bushings (7), and 1/4-20 Hex Nuts (8). See Detail A.

3) Adjust the Back Rest to the desired position and secure with the Locking Pins on the Right and Left Arm Assemblies. See Figure 2 (next page).

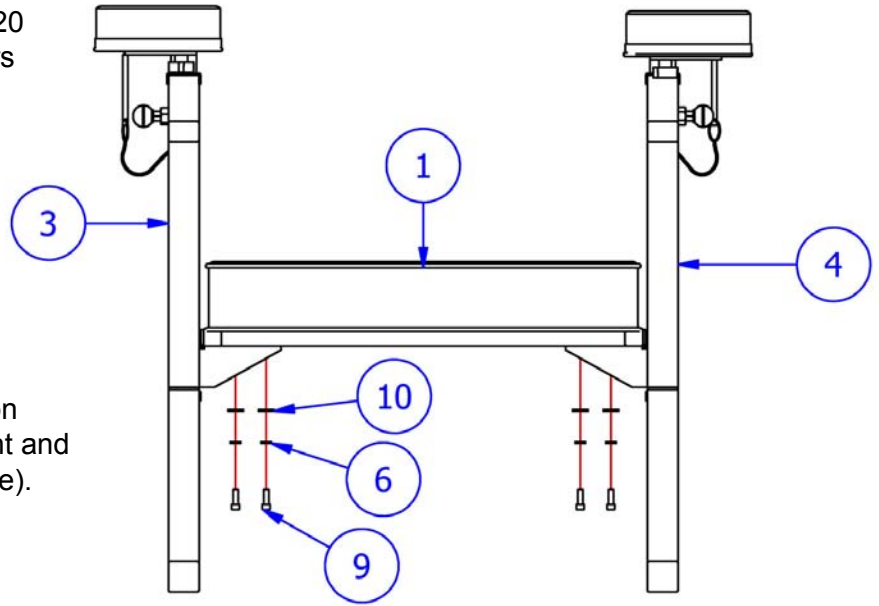
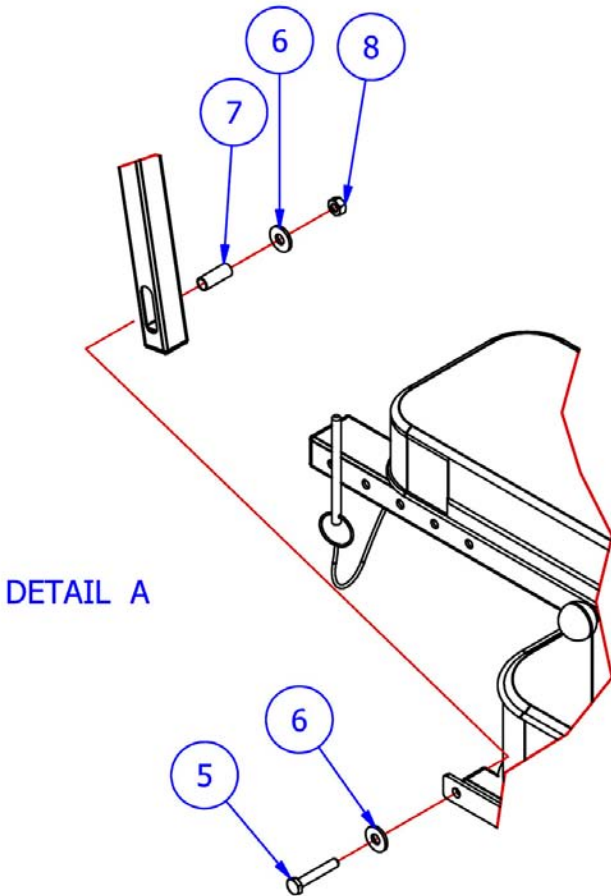


FIGURE 1



Item #	Description	Qty.
1	Seat Assembly	1
2	Back Rest Assembly	1
3	Right Arm Assembly	1
4	Left Arm Assembly	1
5	1/4-20 x 1 1/2 Hex Bolt	2
6	5/16 Steel Washer	12
7	Bronze Bushing	2
8	1/4-20 Hex Nut	2
9	1/4-20 x 3/4 Socket Screw	8
10	1/4 Split Washer	8
11	Leveling Mount Feet	4

# Model 76871VA User's Manual

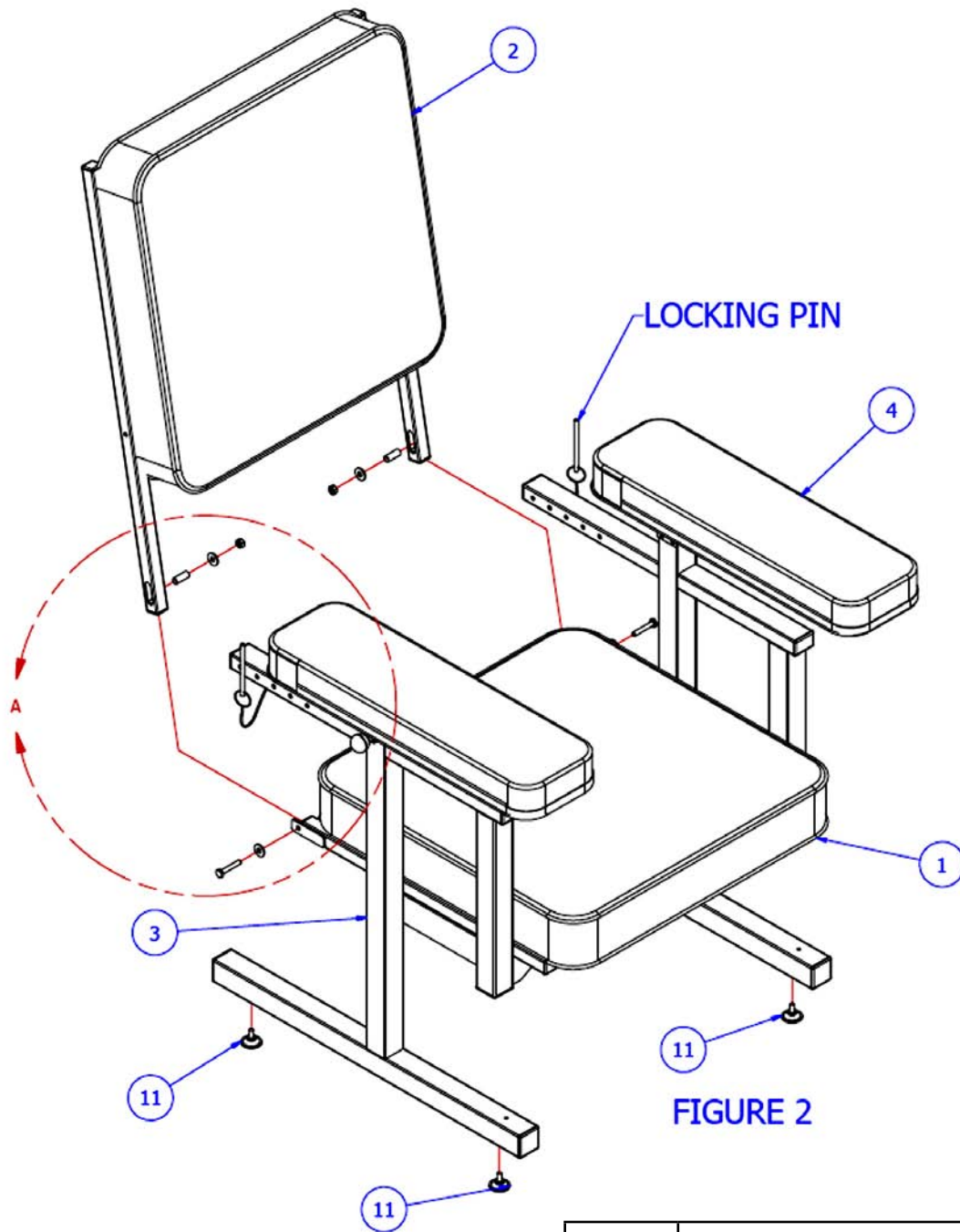


FIGURE 2

Item #	Description	Qty.
1	Seat Assembly	1
2	Back Rest Assembly	1
3	Right Arm Assembly	1
4	Left Arm Assembly	1
5	1/4-20 x 1 1/2 Hex Bolt	2
6	5/16 Steel Washer	12
7	Bronze Bushing	2
8	1/4-20 Hex Nut	2
9	1/4-20 x 3/4 Socket Screw	8
10	1/4 Split Washer	8
11	Leveling Mount Feet	4

# Lafayette Instrument Subject's Chair w/ Activity Sensor

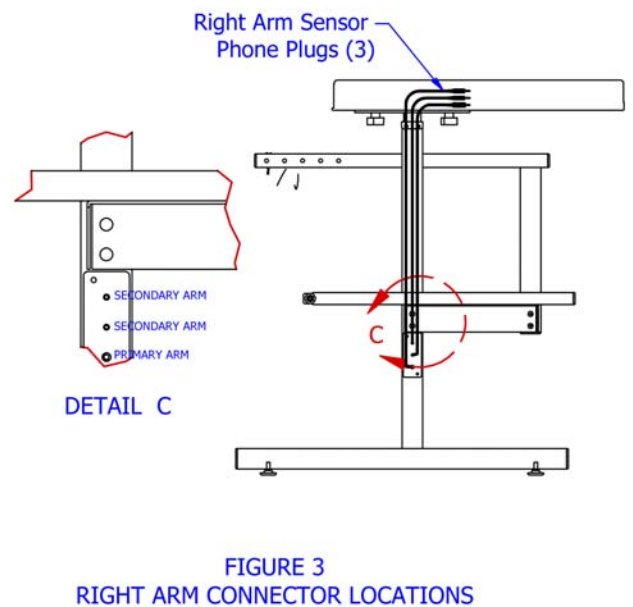
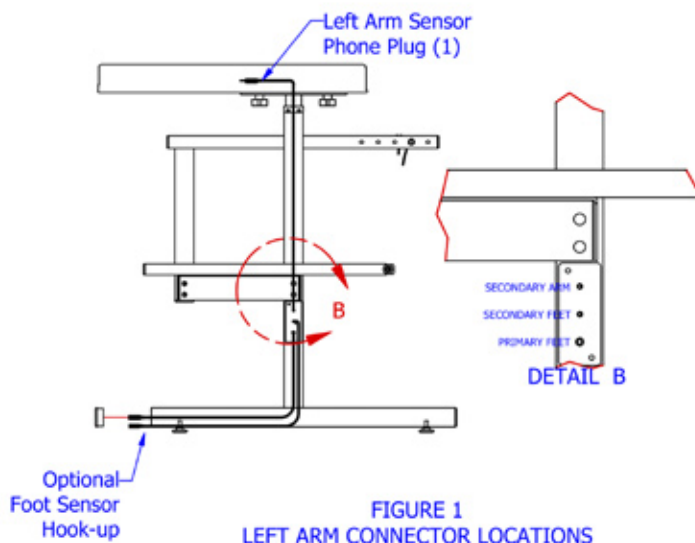
## SENSOR INSTALLATION AND SETUP

### INSTALLATION:

1) If you have purchased your chair and sensors separately, you must first install your activity sensors. If purchased together, your sensors are already installed; proceed to the Setup instructions on page (next page).

2) To install the arm cushions, peel back the arm cover and remove the foam insert, connect the phone plugs to the jacks inside the sensor pouch. Place the sensor into the cushion, and close the cover. See Figures 1, 3, & 4.

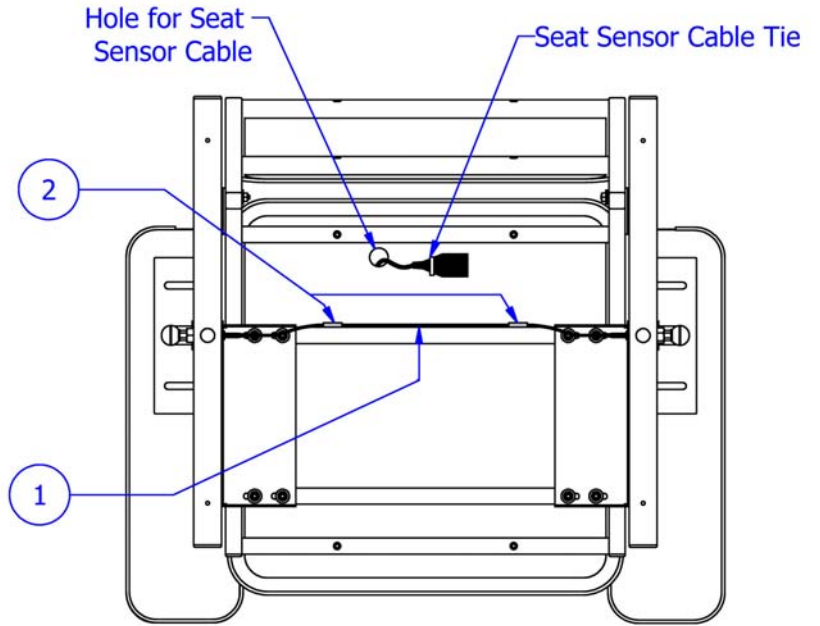
3) To install the seat cushion, open the Velcro closure on the rear of the cushion, remove the foam insert and replace with the sensor so that the sensor cable is toward the back of the chair. Push the sensor cable through the hole in bottom of the seat and secure with the cable tie beneath the seat. See Figures 2 & 4.



**SETUP:**

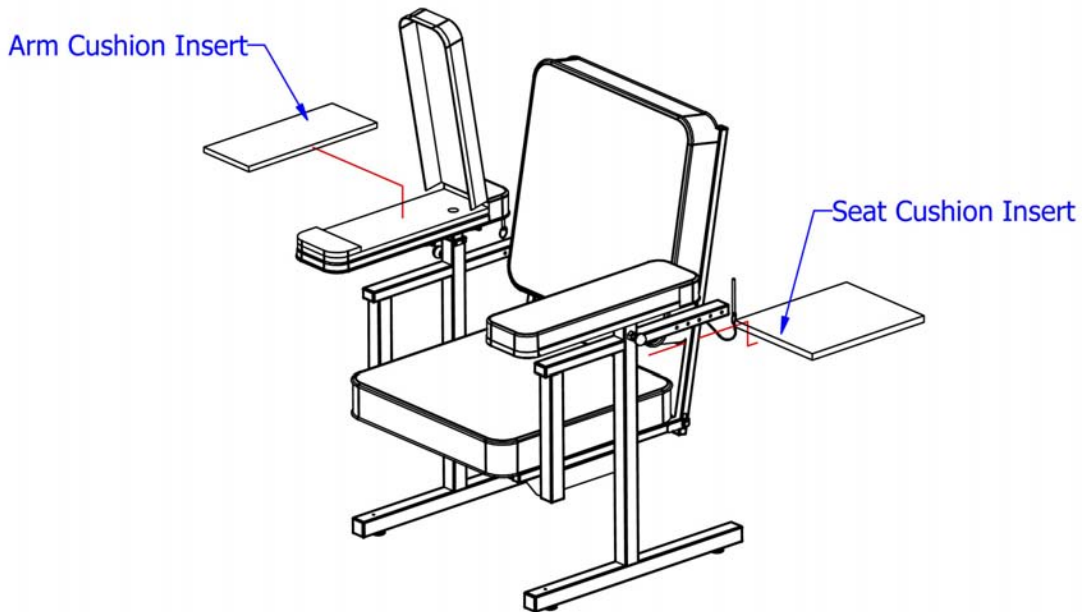
1) If using the arm sensors, the arms must be joined together to function. Use the Jumper Cable (1) supplied with the chair to connect the Secondary Arm connector on the Right Arm Assembly to the Secondary Arm connector on the Left Arm Assembly. See Details B and C. Use the two adhesive backed cable guides to restrain the cable beneath the seat cushion. See Figure 2.

2) Refer to the Activity Sensor Pad User's Manual for detailed instructions on connecting the sensors to your Polygraph.



**FIGURE 2  
ARM AND SEAT CONNECTIONS**

Item #	Description	Qty.
1	Arm Sensor Jumper Cable	1
2	Adhesive Backed Cable Tie	2



**FIGURE 4  
REMOVEABLE FOAM INSERTS**

# Lafayette Instrument Subject's Chair w/ Activity Sensor



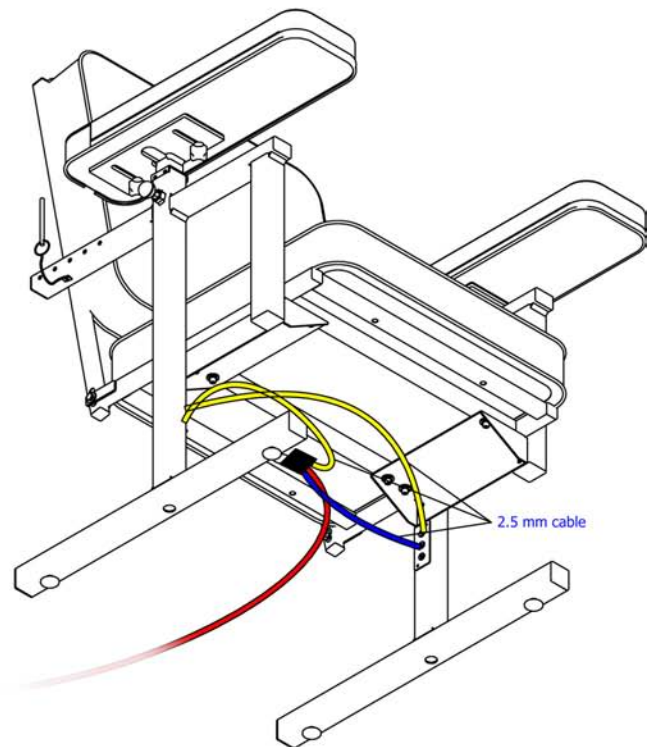
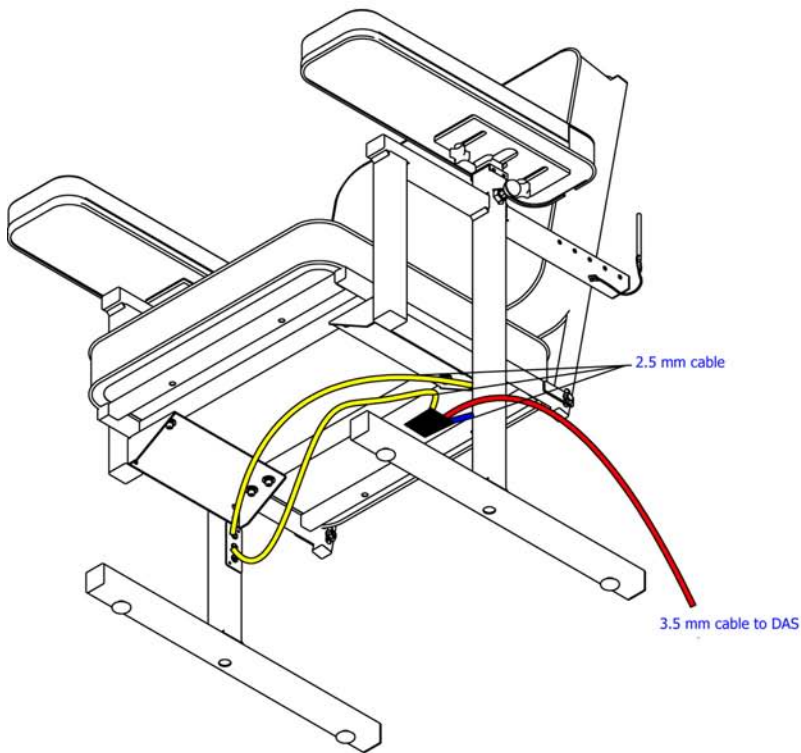
## 76871VS / VSF / VAS / VASF Sensor Setup:

**Seat only** - Connect only the connections shown in red

**Seat add Feet** - Connect the connections shown in red and blue

**Seat add Arms** - Connect the connections shown in red and yellow

**Seat add Arms add Feet** - Connect the connections shown in red, blue, and yellow



\*If using portable foot sensor 76878FS, connect to seat sensor wiring harness in place of blue connection





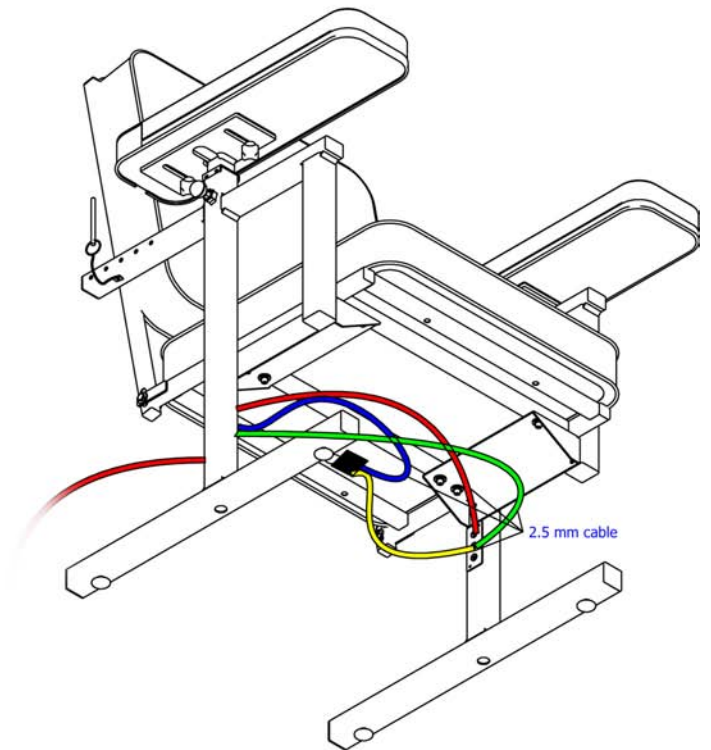
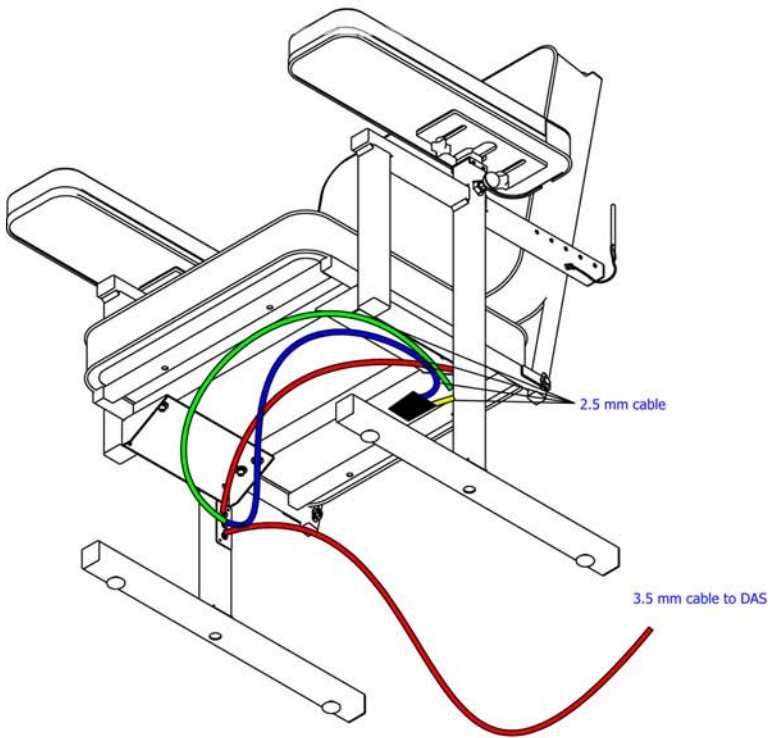
**76871VA / VAS / VAF / VASF Sensor Setup:**

**Arms only** - Connect only the connections shown in red

**Arms add Seat** - Connect the connections shown in red and blue

**Arms add Feet** - Connect the connections shown in red and green

**Arms add Seat add Feet** - Connect the connections shown in red, blue, and yellow



\*If using portable foot sensor 76878FS, connect to chair in place of yellow connection

# Lafayette Instrument Subject's Chair w/ Activity Sensor

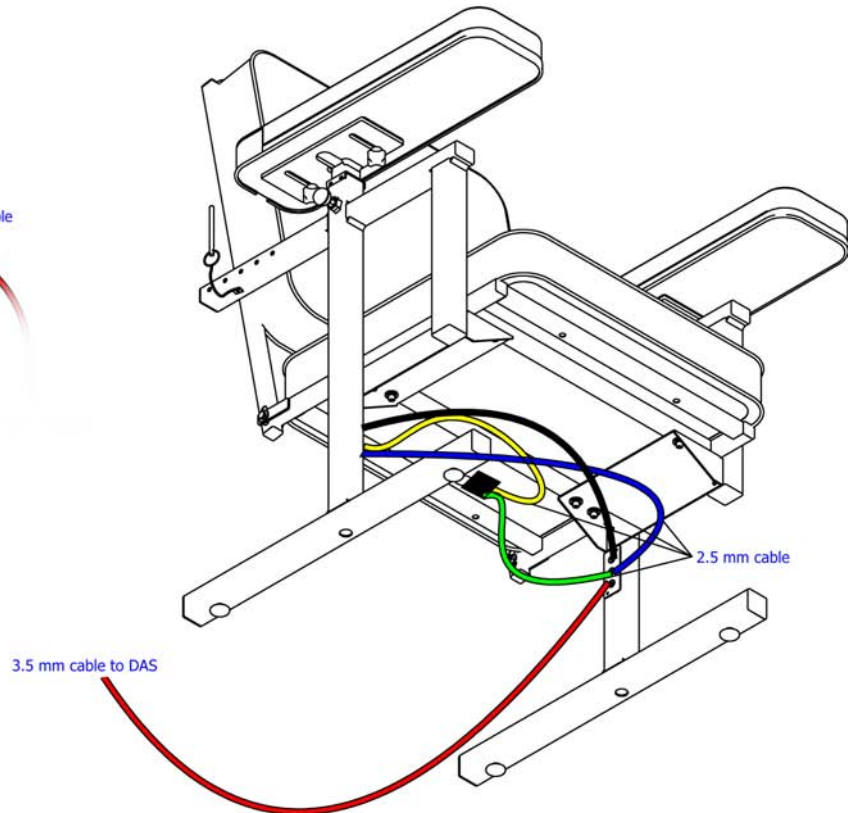
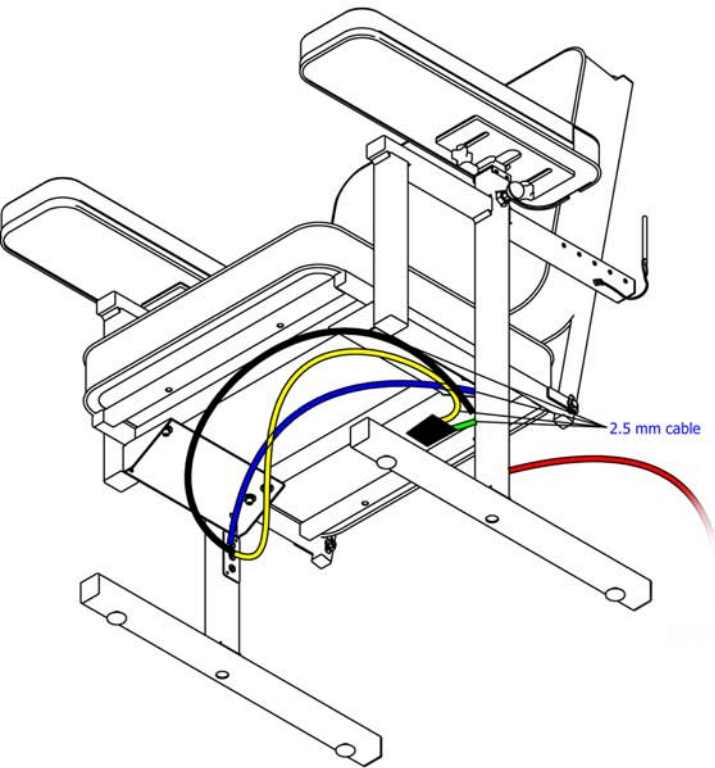
## 76871VF / VAF / VSF / VASF Sensor Setup:

**Feet only** - Connect only the connections shown in red

**Feet add Arms** - Connect the connections shown in red, black, and blue

**Feet add Seat** - Connect the connections shown in red and green

**Feet add Seat add Arms** - Connect the connections shown in red, black, and yellow



**notes:**

# Lafayette Instrument Subject's Chair w/ Activity Sensor

## Model 76871VAS User's Manual

### Ordering Information:

All phone orders must be accompanied by a hard copy of your order. All must include the following information:

- 1) Complete billing and shipping addresses
- 2) Name and department of end user
- 3) Model number and description of desired item(s)
- 4) Quantity of each item desired
- 5) Purchase order number or method of payment
- 6) Telephone number

#### DOMESTIC TERMS

There is a \$50 minimum order. Open accounts can be extended to most recognized educational institutions, hospitals and government agencies. Net amount due 30 days from the date of shipment. Enclose payment with the order; charge with VISA, MasterCard; or pay COD. We must have a hard copy of your order by mail or fax. Students, individuals and private companies may call for a credit application.

#### INTERNATIONAL PAYMENT INFORMATION

There is a \$50 minimum order. Payment must be made in advance by: draft drawn on a major US bank; wire transfer to our account; charge with VISA, MasterCard; or confirmed irrevocable letter of credit. Proforma invoices will be provided upon request.

#### RETURNS

Equipment may not be returned without first receiving a Return Goods Authorization Number (RGA).

When returning equipment for service, please call Lafayette Instrument to receive a RGA number. Your RGA number will be good for 30 days. Address the shipment to: Lafayette Instrument Company, 3700 Sagamore Parkway North, Lafayette, IN 47904, U.S.A. Shipments cannot be received at the PO Box. The items should be packed well, insured for full value, and returned along with a cover letter explaining the malfunction.

Please also state the name of the Lafayette Instrument representative authorizing the return. An estimate of repair will be given prior to completion ONLY if requested in your enclosed cover letter. We must have a hard copy of your purchase order by mail or fax, or repair work cannot commence.

#### WARRANTY

Lafayette Instrument guarantees its equipment against all defects in materials and workmanship to the ORIGINAL PURCHASER for a period of one (1) year from the date of shipment, unless otherwise stated. During this period, Lafayette Instrument will repair or replace, at its option, any equipment found to be defective in materials or workmanship. If a problem arises, please contact our office for prior authorization before returning the item. This warranty does not extend to damaged equipment resulting from alteration, misuse, negligence or abuse, normal wear or accident. In no event shall Lafayette Instrument be liable for incidental or consequential damages. There are no implied warranties or merchantability of fitness for a particular use, or of any other nature. Warranty period for repairs or used equipment purchased from Lafayette Instrument is 90 days.

#### DAMAGED GOODS

Damaged equipment should not be returned to Lafayette Instrument prior to thorough inspection.

When a shipment arrives damaged, note damage on delivery bill and have the driver sign it to acknowledge the damage. Contact the delivery service, and they will file an insurance claim. When damage is not detected at the time of delivery, contact the carrier and request an inspection within 10 days of the original delivery. Please call the Lafayette Instrument Customer Service Department for a return authorization for repair or replacement of the damaged merchandise.

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