

# 6 Take Your Measurements

## GENERAL INSTRUCTIONS:

- \* **Never measure yourself.** Get someone else to help you.
- \* For taking measurements, wear jeans that fit you comfortably but snugly and a t-shirt. Empty contents of pockets. Pull up pants for snug fit. Remove belt.
- \* On measurements marked with **X**, use **Vanson Measuring Device** (see below). **Another tape will also be required** for measuring.
- \* Pull tape measure snug. **DO NOT allow extra** in your measurements.
- \* Vanson race suits are purposely designed for comfort and ease of movement **in the race position**. They are designed to be worn over minimum clothing. They may not feel comfortable while standing or walking. **They are not designed for touring or pedestrian use.**

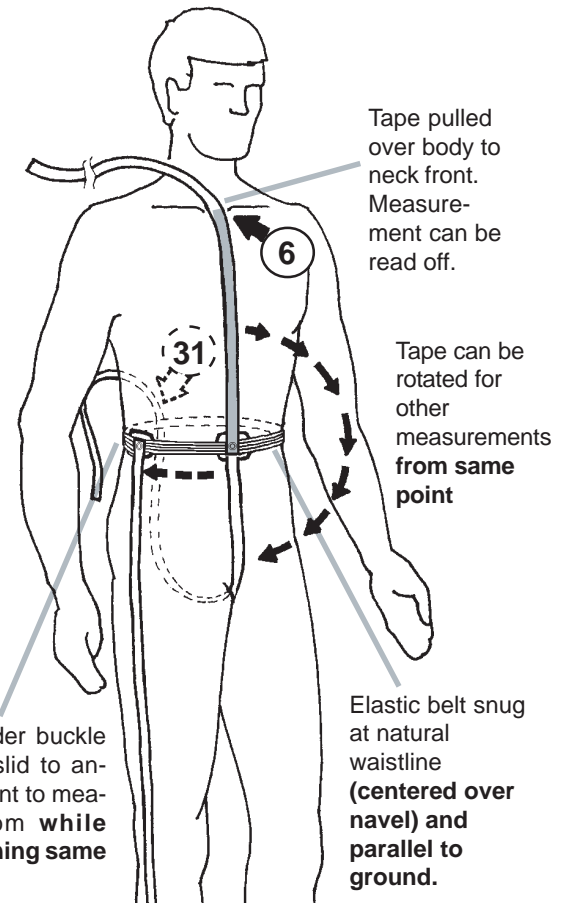
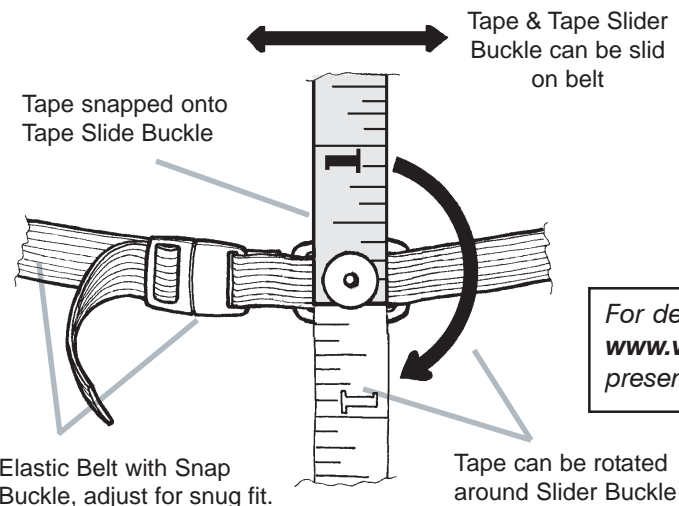
Follow instructions carefully, use the Vanson Measuring Device where marked x. Always have someone else measure you.

## HOW TO USE THE VANSON MEASURING DEVICE

- \* This device is designed to assist you in obtaining consistent measurements. This is of utmost importance in order for us to make your suit fit as it should. Use on measurements marked **X**.
- \* Secure the **elastic belt** part of the device around waist at **navel**. Make sure **belt is parallel to ground**.
- \* The elastic should be a snug fit so it does not move up and down easily when you rotate the **tape** or slide the **tape slider buckle**.
- \* You can now snap the tape to the tape slider buckle.
- \* Have someone run the tape over your body to the point you need to **measure to**, and read off then write down the measurement.
- \* Rotate tape for other measurements that are **from the same point**. For other **measure from points**, slide tape slider buckle.

**Make sure elastic belt does not move accidentally during measuring process.**

If you have questions, call Vanson's help line (508) 678-2000



## Vanson Measuring Device in use.

Example shows measuring neck front (6) to natural waistline (navel). Other measure point example shown is (31)

For detailed visual instructions, please check our web site at: [www.vansonleathers.com](http://www.vansonleathers.com) and click on custom garments to go to the presentation at: [www.vansonleathers.com/measure1/contents.htm](http://www.vansonleathers.com/measure1/contents.htm)



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## Some suggestions on taking good measurements and using our Measurement Check Sheet

1. Wear a pair of *tight fitting jeans* (with empty pockets) and a t-shirt.  
(Please note on form if measurements are taken over different style clothing ie: shorts or sweat pants).
2. Stand up straight. Look straight ahead, do not look at the person measuring you.
3. Position the elastic belt at the natural waistline (over the navel).  
Be sure the elastic belt is parallel to the floor and that it does not move during the process.

On the next page, you will find a measurement check sheet. This is not a guarantee that you will not need to re-do any measurements, but helps to eliminate and/or identify incorrect measurements. Take the time to calculate your measurements and compare them. You are allowed 1" difference plus or minus on your nape of neck to wrist measurement (#12) and 1/2" margin of error on all others. Please remember that you cannot measure yourself. This is a two person operation!

### A few helpful hints for the measurer:

When measuring the total torso (#39), you go from the hollow in the neck, through the legs and up to the vertebrae that protrudes from the base of the neck. (On some people it is hard to find. Have them look down and it will be easier to locate that vertebrae. After locating the vertebrae, have them straighten up and look forward before you take the measurement.) **Make sure to follow the contours of your body, front & back.**

When measuring the rise (#31), you go from the navel through the legs and to the same point as navel on your back.

When measuring the inseam, follow the seam on their snug jeans. If their jeans are baggy (which is not recommended) have them hold the corners of their pockets and lift until the jeans are snug in the crotch area. To find the center of the knee, have them bend their leg and follow crease to center. Do not allow the subject to move at all as all the measurements are critical and inter-related.

When measuring across the shoulders a good reference (if the shoulder bones are not apparent) is to follow the underarm crease up to the top of the shoulders. You are looking for the upper seam of your arm socket. When you are doing your sleeve length and nape of neck to wrist be sure and use the same reference points.

The hip (#24) measurement is the fullest measurement around their rear.

To obtain an accurate bent knee circumference (#37), first place tape loosely around knee then have them get in their riding position. It is best to get on the bike or to simulate a bike by sitting on a chair and bending leg into the riding position.

# Measurement Check Sheet - double check your measurements on this sheet

**FRONT  
TORSO**

#6

+

#29

=

#30

MEASUREMENT  
TAKEN

TOTAL

TOTAL

TOTAL TORSO  
MEASUREMENT  
TAKEN

+

↓

TOTAL  
TORSO  
CALCULATED  
TOTAL OF  
#30 & #33

#8

+

#32

=

TOTAL

TOTAL

**BACK  
TORSO**

#33

MEASUREMENT  
TAKEN

**TOTAL  
TORSO  
Check  
#2**

#6

+

#8

+

#31

=

#39

MEASUREMENT  
TAKEN

TOTAL

TOTAL

**OUTSEAM**

#18

+

#28

=

#17

MEASUREMENT  
TAKEN

TOTAL

TOTAL

**Note:** To insure accuracy all measurement checks should come to within 1/2" of the measurement taken. #12 Nape of Neck to Wrist measurement must be within 1" of measurement taken.

**NAPE  
OF  
NECK  
TO  
WRIST**

#10

÷ 2 =

+

#11

=

+

1.50

=

#12

MEASUREMENT  
TAKEN

TOTAL

TOTAL  
Page 19

**TOTAL  
RISE**

#29

+

#32

=

TOTAL

TOTAL

#31

MEASUREMENT  
TAKEN

#27

**INSEAM**

+

#28

=

TOTAL

TOTAL

#26

MEASUREMENT  
TAKEN

# 6 Custom Measurements

Vanson Use:  
 Initials of sales person    
 taking measurements  Date

**1) Neck** .....   
 Around neck, just below Adam's apple.

**2) Upper Chest** .....   
 Across front only, from arm/chest crease to arm/chest crease (or where arm contacts chest), about 3" below base of neck.

**3) Chest** .....   
 Around fullest part with the tape high up under arms with arms at sides (for women, around fullest part of bust).

**X 4) Waist** .....   
 At navel, where you have the elastic belt of the Vanson Measuring Device, make sure your tape is parallel to the floor.

**5) Beltline** .....   
 Around body at top of pants waistband, but not over the belt.

**X 6) Waist to Neck, Front** .....   
 From the waist at navel (move **tape slide buckle** along elastic belt to point shown in fig. 1) to the top of the rib cage.

**7) Neck to Beltline, Front** .....   
 From top of the rib cage to top of pants (waistband).

**X 8) Waist to Neck Back** .....   
 From the waist (move **tape slide buckle** along elastic belt to point shown in fig. 2) to base of neck (where the vertebrae protrudes from the spine).

**9) Neck to Beltline Back** .....   
 From the base of neck (where the vertebrae protrudes from the spine) to the top of pants (waistband).

**10) Across Shoulders** .....   
 Straight across from shoulder bone to shoulder bone.

**11) Sleeve Length** .....   
 From one shoulder bone (same as #10) to center of wrist bone with arm by side

**12) Nape of Neck to Wrist** .....   
 Place fist in front of chest keeping arm parallel to floor. Take measurement from base of neck (where the vertebrae protrudes from the spine) around bent elbow to wrist bone.

**13) Wrist to Inner Elbow** .....   
 Bend arm, find crease, measure from crease line to center of wrist bone with arm straight down.

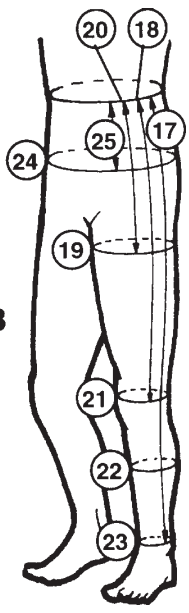
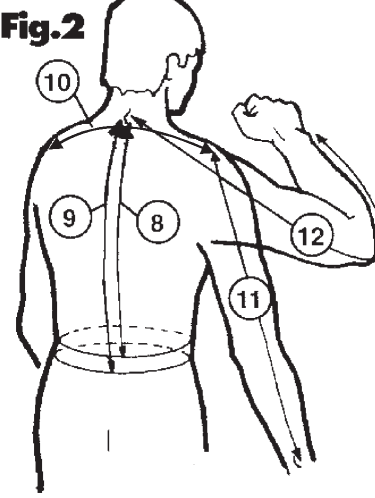
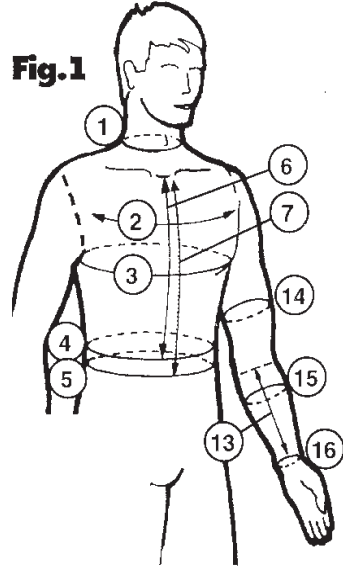
**14) Bicep** .....   
 With muscle flexed around widest part.

**15) Forearm** .....   
 With muscle flexed around widest part, about 2" down from elbow crease.

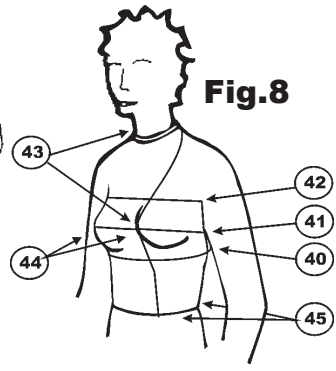
**16) Wrist** .....   
 Around wrist bone at center of wrist.

If you wear a spinepad or blast vest other than what comes with a Vanson suit please measure with armor on and place in dashed boxes were indicated.

**(You must perform all Measurement Checks before we will accept a custom order)**



**Fig.3**



**Fig.8**

**X 17) Outseam from Waist** .....   
 From waist (move **tape slide buckle** along elastic belt to point shown in fig. 3) down outside of leg to center of anklebone with tape against body.

**X 18) Waist to Knee** .....   
 From waist ( move **tape slide buckle** along elastic belt to point shown in fig. 3) down outside of leg to center of knee at side.

**19) Thigh** .....   
 Around thigh about 2" below crotch with tape parallel to floor.

**X 20) Waist to Thigh** .....   
 From waist (move **tape slide buckle** along elastic belt to point shown in fig. 3) down leg to where you have just taken thigh measurement (#19).

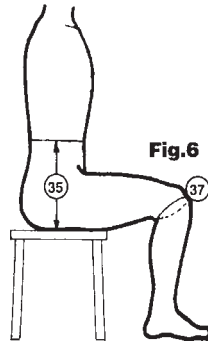
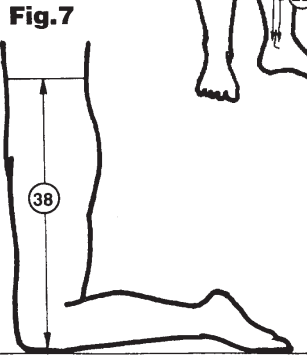
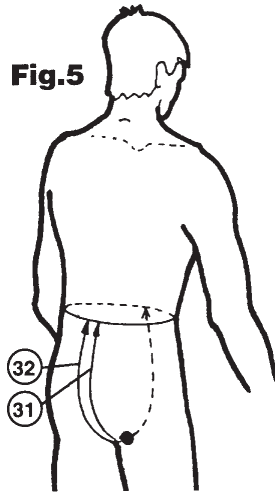
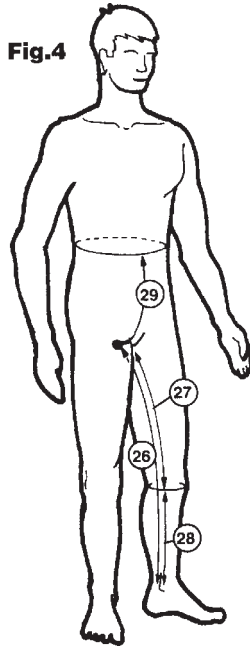
**21) Knee** .....   
 Around center of knee with leg straight.

**22) Calf** .....   
 Around fullest part of calf, or over boot if worn under leathers.

Name \_\_\_\_\_  Male  Female

Height \_\_\_\_\_ Weight \_\_\_\_\_ Age \_\_\_\_\_

**(Be as accurate as possible when measuring your height)**



Note: DR2 suit only - circle one: *Tight Snug Comfort*

**23) Ankle** .....   
Just above anklebone, or over boot if worn under leathers.

**24) Hips** .....   
Around fullest part, parallel to floor, about 7" below waist line.

**X 25) Waist to Hips** .....   
From waist (move *tape slide buckle* along elastic belt to point shown in fig. 3) down outseam to point where #24 was taken.

**26) Inseam** .....   
From crotch seam down inside of leg to anklebone (pull pants up snug before measuring).

**27) Crotch to Mid-knee** .....   
From crotch seam down inside of leg to center of knee while standing with pants pulled up snug.

**28) Knee to Ankle** .....   
From center of knee to center of anklebone along inseam.

**X 29) Waist to Crotch, Front** .....   
From waist front (move *tape slide buckle* along elastic belt to point shown in fig. 4) to crotch seam with pants pulled up snug.

**30) Crotch to Neck, Front** .....   
From crotch seam to neck hollow with pants pulled up snug.

**X 31) Front and Back Rise** .....   
From waist back (move *tape slide buckle* along elastic belt to point shown in fig. 5) to waist front (where you have centered the elastic belt of the Vanson Measuring Device), between legs with pants pulled up snug.

**X 32) Waist to Crotch, Back** .....   
From waist back (move *tape slide buckle* along elastic belt to point shown in fig. 5) to crotch seam with pants pulled up snug.

**33) Crotch to Neck, Back** .....   
From crotch seam to base of neck (where vertebrae protrudes from spine). Take this measurement with pants pulled up snug and hold tape against body.

**X 34) Waist to neck, Front Seated** .....   
From waist front (Belly Button) to hollow at base of neck.

**X 35) Crotch Depth** .....   
Sit on flat surface. From waist at side seam (move *tape slide buckle* along elastic belt to point shown in fig. 6) to the flat surface you are sitting on.

**36) Neck to Beltline, Bent Over** .....   
From beltline at back (top of pants) to base of neck (where vertebrae protrudes from spine) in the riding position.

**37) Knee Circumference, Bent** .....   
Place tape around knee with leg straight. Bend knee, allow tape to get longer knee, take measurement (fig 6).

**X 38) Waist to Floor, Kneeling** .....   
From waist at side seam (move *tape slide buckle* along elastic belt to point shown in fig. 7) to the floor along outseam while kneeling.

**39) Total Torso** .....   
From base of neck, front through legs with pants pulled up snug to base of neck at back. This is #30 + #33 = #39

**Women only see Fig 8** .....

**40) Circumference** .....   
Measure just Underneath bust. ....

**41) Circumference** .....   
Measure around widest portion of the bust .....

**42) Circumference** .....   
Measure just above bust .....

**43) Back of neck to widest part of bust** .....   
Bone at base of back of neck around to apex of bust .....

**44) Apex to Apex** .....   
Measure across the bust from apex to apex ...

**45) Waist Front to Waist Back** .....   
Measure from front waist (the elastic belt) directly over the apex to the shoulder point and back down to the elastic belt in back. ....