

Our goal is simply to build the best fitting, safest seat money can buy. I have spent years engineering and building seats. I understand what it takes to give you that custom “finger print” fit you are looking for. Let's face it, if you're not concentrating on the race because you have a less than perfect fitting seat, you're not going to be at the head of the pack at the end of the race. The following instructions manual is a precise guide for you to follow. Your accuracy will help us you you be as comfortably safe as possible, so you can do the job at hand.

Thank you,  
Kris VanGilder

We are looking for accurate measurements of the driver. Use a stiff/ridged measuring device like a yard stick or a metal ruler. The driver should be wearing tight fitting clothes during measuring procedure. Loose clothing could cause inaccurate measurements and result in an ill fitting seat. We want to know the actual size of the driver's body. Do not guess or compensate for what you believe the driver's size would be if he had on a fire suit or other race gear.

Other important factors in designing the ultimate seat are as follows:

Who, What, Where, and How...

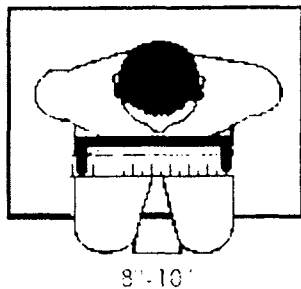
Who= Height, weight, width, girth... We need to know it all.

What= What set-up are you using? What kind of harness? Head and neck restraint? Mount style?

Where and How= What kind of racecar/driver are we dealing with? What kinds of tracks or courses do you run on?

By the time you are finished filling out this form, we want to know everything about you and your set up.

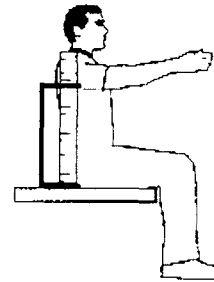
### STEP 1



Driver is to sit on a wide, flat, level surface that allows his legs to dangle off the edge. (Use a picnic table that is placed on a level concrete floor or sit on a work bench, for example.) Driver, your legs should be spread 4" to 5" apart. Have an assistant measure from the right, outer thigh, across to groin, to the left other thigh. You may want to place long, flat, right angle objects, like 2x4's, along side of the driver to help you get an accurate measurement.

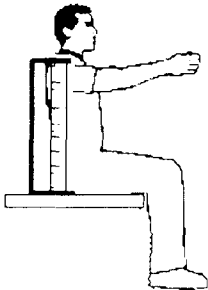
## STEP 2

While sitting with good body posture, have the driver raise his right arm straight forward. Look at the driver and see that his shoulder are level, as he will have a tendency to raise his shoulder in this position. Ask him to relax his shoulder if this occurs. When the driver has achieved this position correctly, measure him from the center of his arm pit to the top of the surface he is sitting on.



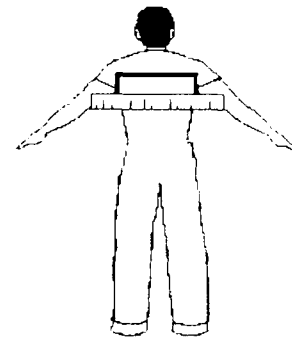
## STEP 3

With the driver in the same position as Step 2, measure the distance from the trapezoid muscle (the muscle between the neck and the shoulder where the harness will be) to the top of the surface he is sitting on. Take this measurement from the right side only.



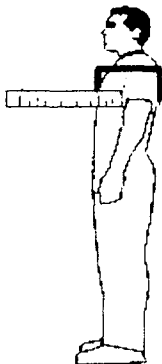
## STEP 4

We need to know the distance across the upper back. This is an extremely important measurement. Have the driver stand facing away from you. With his arms raised at a 30 degree angle beside his body. Place your measuring device across his back approximately 2.5" below his arm pits. Your measuring device must be level. Use a small leveling device placed on top of your measurement.



## STEP 5

We need to know the thickness of the driver's chest from his back to the forward edge of his chest. Have the driver stand flat against a wall with his arms down at his side. Place your measuring device under his arm and slide it all the way back to the wall. Give us the distance from the wall to the forward edge of his chest.





# SEAT MEASUREMENTS

For Custom Seat Orders, all the information below must be accurately filled in.  
If you have any questions please contact us.

Driver's Name: \_\_\_\_\_

Seat Style: \_\_\_\_\_

Height: \_\_\_\_\_ Weight: \_\_\_\_\_

Measurement from Step #1: \_\_\_\_\_

Measurement from Step #2: \_\_\_\_\_

Measurement from Step #3: \_\_\_\_\_

Measurement from Step #4: \_\_\_\_\_

Measurement from Step #5: \_\_\_\_\_

Type of seat belts: (please check one)       5 points       6 points

Chassis Manufacturer: \_\_\_\_\_

Type of Head and Neck Restraint Used: \_\_\_\_\_

(Please circle one of the following)      Asphalt Track      or      Dirt Track

Racing Series Competing in: \_\_\_\_\_

Any other notes or comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Please call with questions about measurement: (704) 455-3060**