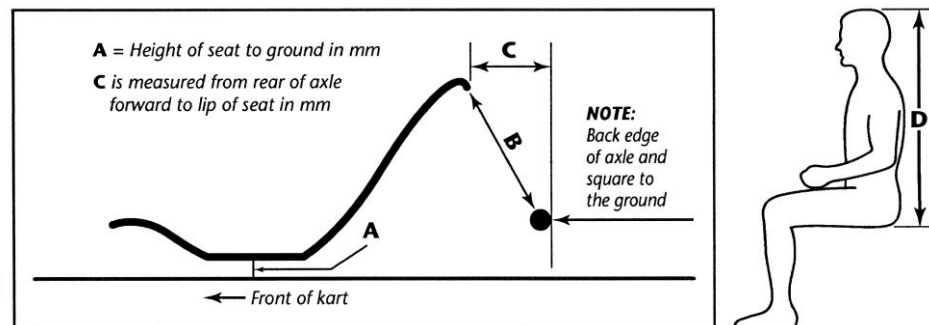


## SEAT POSITION CHART *X1-CIK*

SEAT SIZE	D: TORSO UP TO 840mm			D: TORSO 840-880mm			D: TORSO OVER 880mm			TYRES
	A	B	C	A	B	C	A	B	C	
S	25	215	95	23	210	90	23	210	90	Mojo tyres
M	25	215	95	23	210	90	23	210	90	
L	25	230	100	23	230	95	23	230	95	
S	25	205	100	23	200	95	20	200	90	Open tyres
M	25	205	100	23	200	95	20	200	90	
L	25	225	105	23	220	100	20	220	95	

**NOTES:** - All dimensions refer to Kartech 'RT' type seats only  
 - All above measurements are with the rear axle placed in its suggested ride height position.



### **Kartech Seat Sizes**

Midget Small	235mm
Rookie	260mm
Extra Small	275mm
Junior	280mm
Small	295mm
Medium	310mm
Large	330mm
Extra Large	345mm

Measurement is taken from the narrowest point across the front of the seat (around the rib section)

## SUGGESTED STARTING SET-UP

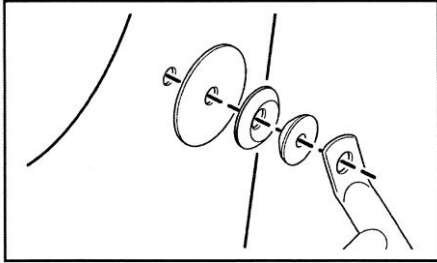
### *X1-CIK on "Mojo tyres"*

FRONT CRASH BAR:	Firm, with nylon washer fitted.
REAR CRASH BAR:	Tight.
REAR RIDE HEIGHT:	Central.
REAR TRACK:	1385mm (overall width to outside edge of rear wheels).
REAR AXLE TYPE:	Medium.
FRONT RIDE HEIGHT:	Central.
FRONT END:	The tie rods mounted to the inner holes on the stub axle steering arms (maximum Ackerman) with 2mm toe out.
FRONT TRACK:	15mm of spacers on the inside of the 65mm front hub.
FRONT CASTER:	Minimum. (Line points back towards the rear of the kart).
FRONT CAMBER:	4mm positive.
SIDE POD BARS:	Tight.
SEAT STAYS:	1 seat stay per side
SEAT:	Soft

### *X1-CIK on "Open tyre"*

FRONT CRASH BAR:	Firm, with nylon washer fitted.
REAR CRASH BAR:	Tight.
REAR RIDE HEIGHT:	Central.
REAR TRACK:	1390-1395mm (overall width to outside edge of rear wheels).
REAR AXLE TYPE:	Medium.
FRONT RIDE HEIGHT:	Central.
FRONT END:	The tie rods mounted to the inner holes on the stub axle steering arms (maximum Ackerman) with 2mm toe out.
FRONT TRACK:	25mm of spacers on the inside of the 65mm front hub.
FRONT CASTER:	Minimum. (Line points back towards the rear of the kart).
FRONT CAMBER:	4mm negative.
SIDE POD BARS:	Tight.
SEAT STAYS:	2 seat stay per side.
SEAT:	Soft

## ASSEMBLY NOTES



### Arrow self aligning seat washers:

The Arrow karts are supplied with Arrows unique self-centring seat washer system. Fitting between the chassis seat supports and seat, these washers insure there are no torsional loads placed on the seat through mis-matching angles between the seat and the chassis. The seat does have an influence on the handling characteristics of the kart as it is an important torsional member on a karts chassis structure. As such, the Arrow self-aligning seat washers are a major asset in alleviating pre-loads within the kart. (See diagram above).

### Aligning the rear calliper:

The new front mounting rear calliper enables you to line up the calliper vertically to ensure the pad contact to disc is a direct hit. To do this, simply loosen the 2 front calliper bolts slightly and push the brake disc hard up against the left side (from drivers point of view) pad and re-tighten the front bolts of the calliper.

### Lock wiring of brake calliper:

The AX9 range karts have a new brake mounting system, which enables you to no longer have to loosen the calliper to adjust the rear ride height. As the calliper bolts are threaded into blind holes, and therefore do not have lock nuts on the end, it is essential that if the lock wire is removed you should replace it before running the kart again.

### Brake Line Location:

You're Arrow kart comes with brake lines securely fastened to the top of the left hand side chassis rail. If at any time you remove the zip ties that are holding them in place, be sure to re-secure them ON TOP OF THE CHASSIS RAIL ONLY as it is a safety hazard to have the lines secured either beside or below the chassis rail.



**X1-CIK**