

# Suggested Starting Set-up

## *Arrow AX8-30/32*

Front Crash Bar -	Tight
Rear Crash Bar -	Tight
Rear Ride Height -	High (axle down in its lowest position in the chassis)
Rear Track -	1385 mm overall width to outside edge of wheel
Front Ride Height -	Front stub axle in the centre of the chassis support "C"
Front End -	The tie rods mounted to the inner steering holes on the stub axle/spindle steering arms (maximum Ackerman). If steering is too direct, causing oversteer, fit tie rods to the outer hole on the stub axle arms/spindle steering arms (minimum Ackerman). The front wheels aligned with 1mm toe-out
Front Track -	Bridgestone YGK - 10mm spacer between the stub axle/spindle and wheel. Vega XSL - 15mm spacer between the stub axle/spindle and wheel.
King Pin Setting -	Outer hole in chassis support "C" (inner holes for higher grip conditions)
Front Caster -	Bridgestone YGK - Maximum Vega XSL - Neutral
Front Camber -	2mm positive overall
Tyre Pressure - (front & rear)	Bridgestone YGK - 10lbs/0.70 Bar Vega XSL - 12.5lbs/0.85 Bar
Side Torsion Bar -	Out
Rear Torsion Bar -	Out
Side Pod Bars -	Front bolts: Loose (or out if rules allow) Rear bolts: In and tight.



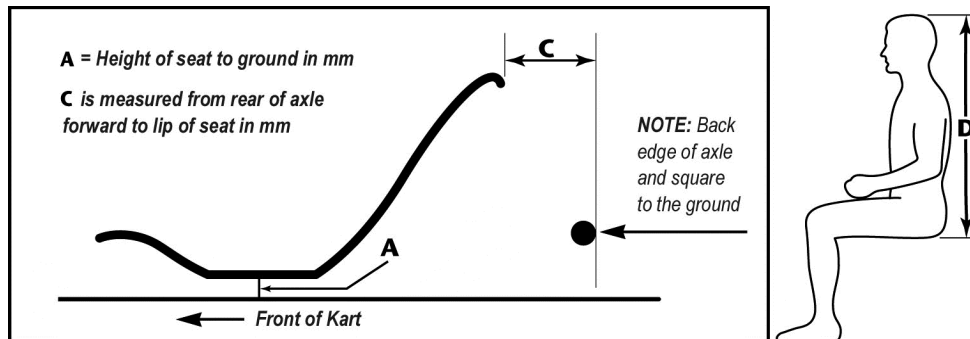
**AX8-30/32**

# SEAT POSITION CHART

Arrow AX8-30/32

SEAT SIZE*	D: Torso up to 840mm		D: Torso 840-860mm		D: Torso over 860mm		
	A	C	A	C	A	C	
	S	20	120	20	115	18	
M	20	120	20	115	18	110	
L	20	115	20	110	18	105	
S	20	115	20	110	18	110	Vega XSL
M	20	115	20	110	18	110	
L	20	110	20	105	18	105	

\*NOTES: All dimensions refer to Kartech 'RT' type seats only.



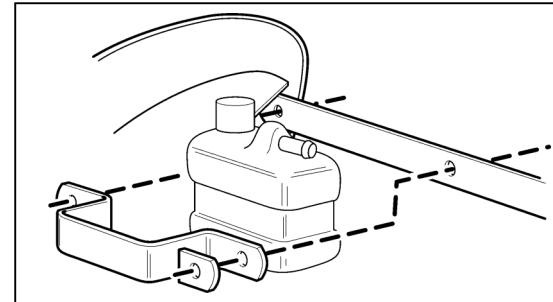
## SPECIAL NOTE:

The flat bottom of the seat MUST BE HELD PARALLEL to the ground when fitting the seat!

## ASSEMBLY NOTES

**Front Nassa panel:** When fitting the supplied Nassa panels for the first time, they have been marked with a moulded "X" indicating the three correct drilling points.

**Overflow bottle:** Fit the overflow bottle to the Nassa panel mounting bracket as shown below.



## Arrow self-aligning Seat Washers

The AX8 range of karts is supplied with Arrow's unique self-centering seat washer system. Fitting between the chassis seat supports and the seat, these washers insure that 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 a kart as it is an important torsional member on a kart's chassis structure. As such, the Arrow self-aligning seat washers are a major asset in alleviating pre-loads within the kart.

