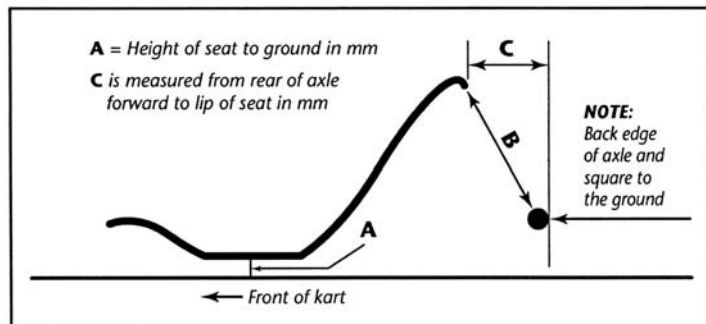


SEAT POSITION CHART AX9 – Junior

Driver Weight		D: TORSO UP TO 840mm			D: TORSO 840MM-860MM			D: TORSO OVER 860MM		
		A	B	C	A	B	C	A	B	C
		40-50kg	45	235	105	35	220	100	25	215
OVER 50kg	40	230	105	35	215	100	20	210	100	

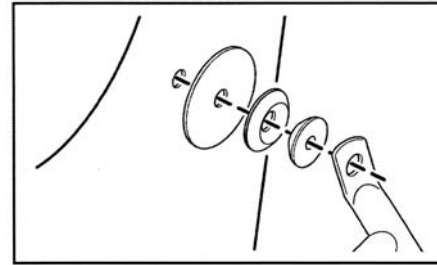
NOTES: - All dimensions refer to Kartech 'RT' type seats only
 - All above measurements are with the rear axle placed in its suggested ride height position.



ASSEMBLY NOTES

Front Nassa Panel:

When fitting the supplied nassa panel for the first time, ignore the marked "X" spots for drilling as these were for past brackets. Rest the nassa panel on its brackets, now sit bottom edge of the nassa against the raised section on the nose cone, now slide it up approximately 15mm so you can visually see the front crash bar rail and drill the lower hole. Fit the upper nassa bracket above the dash.



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 major asset in alleviating pre-loads within the kart. (See diagram above).

WARNING – PLEASE READ BELOW !

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.

SUGGESTED STARTING SET-UP

FRONT CRASH BAR:	Firm with nylon rubber fitted
REAR CRASH BAR:	Firm
REAR RIDE HEIGHT:	High (axle low in kart)
REAR TRACK:	1230mm
REAR AXLE TYPE:	Standard
FRONT RIDE HEIGHT:	Central
FRONT TOE:	2mm OUT Overall
FRONT TRACK:	10mm spacers on inside each front wheel
FRONT CASTER:	Minimum
FRONT CAMBER:	2mm POSITIVE Overall
FRONT TORSION BAR:	Removed
SIDE POD BARS:	Loose
REAR HUB LENGTH:	80mm
ACKERMAN:	Maximum (inner hole on stub arm)

Chassis Adjustments

Front Torsion Bar:

Problem: "My kart is understeering going into and through the turn"

Solution: Fit the front torsion bar

Problem: "My kart has too much steering and makes the rear of the kart snap out on me"

Solution: Remove the front torsion bar

Note: If the track is very rough and bumpy, removing the Front torsion bar will help smooth the ride over the bumps.

For further chassis tuning, please refer to the Arrow Kart Setup Guide.



AX9 – Junior