RECOMMENDED CHASSIS SET UP

MS KART BLUE PHOENIX and BLUE SWIFT
model KZ with front brakes, for MEDIUM tyres

FRONT AXLE

FRONT TRACK: 1.220 – 1.230 mm (measured over the outer edges of the front wheels), front hubs L-76 mm MG (202B)

CASTOR: round MS eccentric (204G) placed at the bottom of the king pin and set to maximum castor (dot facing backwards), the SNIPER eccentric (204H) placed on the top of the king pin and set to the middle position

TOE: 1 - 3 mm

CAMBER: 0 - 4 mm („A" shape).

When the chassis understeers set more castor by moving the upper SNIPER eccentrics to the back. Or exchange the front hubs for L-98 mm MG (303M).

FRONT AXLE HEIGHT

The basic and most used position of the front axle is in the middle of the stub axle shoes. In case the front axle has little grip or the track is wet, set the stub axles in the low position. The ground clearance as well as the grip of the front axle increases. In case the front axle has too much grip set the stub axles in the high position: the ground clearance of the chassis will be lowered and the front axle grip decreased.

REAR AXLE

Standard rear axle is medium hard Ø 50 x 2.0 x 1.030 mm – ZS4 (CR3010).

REAR TRACK: 1.390 – 1.400 mm, rear hubs L-120 mm MG (303V).

Alternatively the hard rear axle Ø 50 x 2.0 x 1.030 mm – ZS6 (CR3011) can be used.

When the grip on track increases use shorter rear hubs L-98 mm MG (303U) or set the rear axle in the top position.

REAR AXLE HEIGHT

Standard position of the rear axle is in the middle of the bearing housing holders. In case the rear axle has little grip or the track is wet, mount the bearing housings in the low position. The ground clearance as well as the grip of the rear axle increases. In case the rear axle has too much grip mount the bearing housings in the high position: the ground clearance of the chassis will be lowered and the grip on the back decreased.

TORSION BARS

The basic set up is with steel front torsion bar in.

SEAT PROPS

We recommend to use 1 pc bent seat prop 116Ga on the RH side and 2 pcs seat props L-265 mm (116A) on the LH side.

WET SET UP

TOE: 6 - 12 mm (depending on the amount of water on the track)

Front hubs L-98 mm AL (303L)

CASTOR: set maximum castor of front wheels by moving the upper SNIPER eccentrics to the back. Leave the round MS eccentrics at the bottom in maximum castor position (dot facing backwards).

REAR TRACK: narrow the rear axle to 1.360 mm, as the water on track decreases extend the rear track gradually by 10 mm up to 1.400 mm.

Rear hubs L-120 mm AL (303Va).

TORSION BARS: chassis with NO torsion bars.

CHASSIS SET UP MUST BE CONTINUOUSLY ADAPTED TO THE ACTUAL RACE TRACK AND WEATHER CONDITIONS