

RECOMMENDED CHASSIS SET UP

MS KART BLUE PHOENIX and BLUE SWIFT without front brakes, for MEDIUM tyres

FRONT AXLE

FRONT TRACK: 1.225 – 1.230 mm (measured over the outer edges of the front wheels), front hubs L-98 mm MG (202Je)

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. With too much steering try to use front hubs L-76 mm MG (202H).

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 \varnothing 50 x 2.0 x 1.040 mm - MS53 (300P).

REAR TRACK: 1.390 – 1.400 mm, rear hubs L-98 mm MG (303U).

Alternatively the hard rear axle \varnothing 50 x 2.0 x 1.040 mm - MS67 shortened to 1.020 mm (300Pc) can be used and rear hubs L-98 mm MG (303Uc).

When the grip on track increases use shorter rear hubs L-78 mm MG (303Tb or 303Tb) and softer rear axle \varnothing 50 x 2.0 x 1.040 mm - MS38 (300Pe). In case the rear axle slides use hard axle MS-67 (300Pc) or use rear hubs L-120mm MG (303V).

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 front torsion made of steel. With increasing grip on track you can exchange it for a softer plastic bar. The rear torsion bar is not used as standard.

SEAT PROPS

Use 1 pc bent seat prop 116Ga on the RH side and 2 pcs seat props L-265 mm (116A) and L-290 mm (116Gb) on the LH side.

WET SET UP

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

Front hubs L-96 mm AL (2021a).

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**