Clear form



Setup Sheet for Serpent S120 1:12th pan car

Datum:
Driver:
Race:

Front Section

Ride height spacer front mm

Upper arm mount ☐ 3° ☐ 6° ☐ 9°

Front lower arm lenght



long ☐
short ☐

Front end



Ride height mm
Chamber °
Toe °

Front upper arm



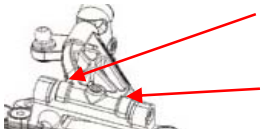
long ☐
short ☐

Front springs



thin ☐ (0.45mm)
default ☐ (0.50mm)
thick ☐ (0.55mm)
spring preload mm

Caster



mm
mm

Ackerman shims



mm

Middle section

Shocks



Main shock
Oil (W/Cst)
Insert ☐ 2 holes ☐ 3 holes
Spring ☐ blue (soft) ☐ red (hard)

Latheral shock
Oil (W/Cst)
Insert ☐ 2 holes ☐ 3 holes

Battery mount



☐ rear



☐ front

Tweak Board & Station



Slider poistion mm
Blade Position mm

Overall tweak



soft hard

T-bar ☐ soft ☐ hard

Rear section

Ride height mm
Excenter insert rear mm
normal ☐
upside down ☐
Motor pod droop mm
Rim offset mm

Differential



soft hard

Diff. Balls ☐ normal ☐ ceramic
Diff. Plates ☐ normal ☐ tuning

© *T.T tuning 2008*



Setup Sheet for Serpent S120 1:12th pan car

unico MODELLSPORT

Tyres

Tyre front		Tyre rear	
Made		Made	
Shore	SH	Shore	SH
Diameter	mm	Diameter	mm
8-min wear	mm	8-min wear	mm
adhesive		adhesive	
adhesive time	min	adhesive time	min
treated surface		treated surface	

Transmission

Spur Gear | Pinion Gear | Calculated rollout

$$R_o = \frac{(D \times \pi)}{(T_2 / T_1)} \qquad T_1 = \frac{T_2}{[(D \times \pi)/ R_o]} \qquad D = \frac{[R_o * (T_2 / T_1)]}{\pi} \qquad T_2 = T_1 \times [(D \times \pi)/ R_o]$$

Ro - rollout | T1 - pinion gear | T2 - spur gear | D - rear tyre diameter

Motor

Made				Turns	
Type				Rotor diameter	
brushed	☐	brushless	☐	Timing	
sintered	☐	bonded	☐		

ESC

Made			
Type			
Forward/Reverse	☐	Forward/Brake	☐
Drag brake			

Track

Surface	asphalt	☐			carpeet	☐	
Layout	open	☐	technical	☐	mixed	☐	
Grip	low	☐	medium	☐	high	☐	

Results

Qualifikation	Besttime	Laptime
	Position	Laps
Final	Besttime	Laptime
	Position	Laps

Remarks

Print the sheet

© T.T tuning 2008