Clear form



Setup Sheet for Serpent S120 1:12th pan car

Datum: 27 et 28 décembre 2008
Driver: S. Riccobono & A. Abisset
Race: C.F. 2 - Portes les Valence

Front Section

Ride height spacer front 1 mm

Upper arm mount ☐ 3° ☐ 6° ☐ 9°

Front lower arm lenght



long ☐
short ☐

Front end



Ride height 3.5 mm
Chamber 1 °
Toe ouverture 0.5 - 1 ? °

Front upper arm



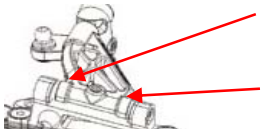
long ☐
short ☐

Front springs



thin ☐ (0.45mm)
default ☐ (0.50mm)
thick ☐ (0.55mm)
spring preload 0 mm

Caster



1 mm
1 mm

Ackerman shims



4 rondelles d'origine mm

Middle section

Shocks



Main shock
Oil 800 (W/Cst)
Insert ☐ 2 holes ☐ 3 holes
Spring ☐ blue (soft) ☐ red (hard)

Latheral shock
Oil 1000 (W/Cst)
Insert ☐ 2 holes ☐ 3 holes

Battery mount



☐ rear



☐ front

Tweak Board & Station



Slider poistion inversé mm
Blade Position sorti de 5 grad. mm

Overall tweak



soft hard

T-bar ☐ soft ☐ hard

Rear section

Ride height 3.5 ? mm
Excenter insert rear 0-30 mm
normal ☐
upside down ☐
Motor pod droop ? (1.5mm) ? mm
Rim offset 0 mm

Differential



soft xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx HARD xx hard

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

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unico modellsport

Tyres

Tyre front			Tyre rear		
Made	JACO		Made	JACO	
Shore	40 Purple	SH	Shore	30 Yellow	SH
Diameter	41.5	mm	Diameter	44	mm
8-min wear		mm	8-min wear		mm
adhesive	CS High Grip		adhesive	CS High Grip	
adhesive time	10 à 15	min	adhesive time	2x20	min
treated surface	20 à 50%		treated surface	100%	

Transmission

Spur Gear 20 Pinion Gear 96 Calculated rollout environ 28.8mm

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

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

Motor

Made	Orion Vortex		Turns	4.5 T	
Type			Rotor diameter	origine	
brushed	☐	brushless ☐	Timing	origine (0°)	
sintered	☐	bonded ☐			

ESC

Made LRP Sphere TC

Type

Forward/Reverse ☐ Forward/Brake ☐

Drag brake valeur 1

Track

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

Results

Qualifikation	Besttime	Laptime
	Position	Laps
Final	Besttime	Laptime
	Position	Laps

Remarks

Au top en qualifs, mais plantait de l'avant (surtout à haute vitesse) dans les finales, car le grip avait beaucoup augmenté.
Carrosserie Black Art BA02 (cockpit fermé), bien plus stable que la Protoform Speed 12 !
Bague en alu sur la barre anti-rapprochement avant.

Print the sheet

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