

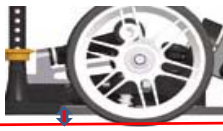


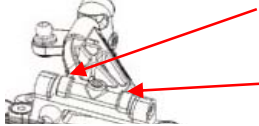









| | | | | | |
|---|--|--|--|---|--|
|  | | Setup Sheet for Serpent S120 1:12th pan car | | Datum: _____ Driver: _____ Race: _____ | |
| Front Section | | | | | |
| Ride height spacer front | | mm | | | |
| Upper arm mount | | 3° | | 6° 9° | |
| Front lower arm lenght  long short | | Front end  Ride height _____ 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 | | Differential  | |
| Excenter insert rear | | mm | | normal soft _____ hard upside down | |
| Motor pod droop | | mm | | Diff. Balls normal ceramic | |
| Rim offset | | mm | | Diff. Plates normal tuning | |



Setup Sheet for Serpent S120 1:12th pan car



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

| |
|--|
| |
|--|