Serpent SRX4 Gen3

Setup: Robin hood raceway · Andy freeman (Serpent UK) · Oct 13, 2024

so dialed
Open/save in RC Setup App →

Scan to open in the app

EVENT	
Event	BRCA National
Class	Modified

TRACK	
Track	Robin Hood Raceway
Type	Outdoor astroturf
Grip / moisture	High/Medium / Dry
Surface / layout	Bumpy / Medium
Air temp	25°C (77°F)

FRONT SUSPENSION

Ackermann: steering plate	1 notch
Anti-roll bar	1.2 mm
Arms	Kit
Axle height spacers - top/bottom	1 / 2 mm
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud location	A - Inside
Outer stud spacers	1.5 mm
Caster: hub carrier inserts	15 degrees
Differential height	Mid
FF mount inserts	0 center
FR mount inserts	0 center
FR mounts	Kit
Ride height	15 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
STEERING LINK	
Inner stud spacers	0 mm
Outer stud spacers	0 mm
Steering stop spacers	0 mm
Toe	-1 degrees
Tower	Carbon
Track: wheel hexes	SRX4 +0mm

BODY & CHASSIS

	FRONT	REAR
Wing	–	Penguin custom b6 pr style 10mm lip
Body		Lightweight
Chassis		Kit
Rear wing angle		2 degrees
Screws & turnbuckles		Rb titanium turnbuckles

REAR SUSPENSION

Anti-roll bar	1.2 mm
Arms	Kit
Axle height: hub inserts	+2.5 mm
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	3 mm
Outer mount spacers	1.0 mm
Outer stud location	Inside
Outer stud spacers	1 mm
Differential height	Mid high
RF mount inserts	0.5 up
Ride height	15 mm
Roll center spacer	No
Roll: axle pin position	Middle
RR mount inserts	1 down, .5 out
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
Tower	Carbon
TRACK	
Hub inserts	+0 mm
Hubs	Long offset
Wheel hexes	SRX2 +1mm
Wheelbase: hub spacers	Long (back)

NOTES 2mm spacers between hub and turnbuckle mounts

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Mini Dart	Schumacher Mezzo
Tire compound	Yellow	Yellow
Tire insert	Rb cheater	Rb Cheater
Wheel brand / type	Serpent	Serpent

NOTES Outer/ inner rows removed on front

SHOCKS

	FRONT	REAR
Cup offset	High	Low
Limiters - int/ext	0 / 0 mm	0 / 0 mm
Oil weight	550 cst	450 cst
Pistons	Reactor 1.7x2	Reactor 1.8x2
Rebound	0 %	0 %
Shafts	TiN coated	TiNi Coated
Shock type	Emulsion	Emulsion
Springs	AE Orange V2	Astro 2.1 lb Blue
Stroke	20.5 mm	28 mm
Shock oil brand	CORE	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	10,000 cst
Diff mass	19.1 g	17.4 g
Diff fluid brand	Core	

NOTES Rear ball diff in morning till grip came up

DRIVETRAIN

Clutch setting	2.4mm from end of shaft
Drive ratio - final	9.021
Drive ratio - internal	2.429
Drive type	Slipper
Driveshafts - front	Kit
Driveshafts - rear	Kit
Pinion	21 teeth
Spur	78 teeth

ELECTRONICS

Battery brand	**Gens Ace**
Battery C rating	**130c**
Battery capacity	**4000 mAh**
Battery model	**Redline**
ESC brand	**Corally**
ESC model	**Cerix 2 160a**
Motor brand	**Konect**
Motor model	**K1 elite**
Motor timing	**30 degrees**
Motor wind	**6.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio EPA steering	**86 %**
Radio EPA throttle	**100 %**
Radio model	**Mt44**
Receiver brand	**Smd**
Servo brand	**Align**
Servo model	**BL815HV**

NOTES 1c 4amps

NOTES Servo speed -14 turn and return