Serpent SRX2 Gen3

Setup: High grip office type carpet · Andy freeman (Schumacher) · Sep 16, 2023

so dialed
Open/save in RC Setup App →

Scan to open in the app

TRACK

Track	South Cambs rccc uk
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Tight
Air temp	17.5°C (64°F)
Track temp	17.5°C (64°F)

FRONT SUSPENSION

Anti-roll bar	1.0mm 2 stripe
Arms	SRX2 Hard
Axle height: hub carrier spacers	Top 3 mm / bottom 0mm
Axle spacer	Yes
Camber	-2 degrees
Camber link mount	Anti-roll bar mount
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	2.5 mm
Outer stud location	B - Outside
Outer stud spacers	1 mm
Hub carrier inserts: caster	+5 degrees (30 degrees)
Hub carriers	Kit
Ride height	14 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Mid-out
STEERING LINK	
Inner stud spacers	0 mm
Outer stud spacers	1 mm
Steering plate / arm	0
Steering rack	Kit
Steering stop spacers	0 mm
Suspension mount	Kit
Toe	+1 degrees
Tower	Carbon gull wing

BODY & CHASSIS

	FRONT	REAR
Wing	–	RB V2.1

Battery plate	RB WS bands
Battery position	Forward
Body	Penguin custom yokomo yz2 low back
Chassis	Kit
Front bulkhead braces	Steel
Rear wing angle	2 degrees
Sidepod stiffeners	Kit
Weights	20g wheel weights in front of servo

REAR SUSPENSION

Anti-roll bar	1.1mm 1 stripe
Arms	SRX2 MM v2
Camber	-2 degrees
Camber link mount	RB aluminium arb mount
CAMBER LINK	
Inner stud location	1 - Inside
Inner stud spacers	3 mm
Outer stud location	A - Inside
Outer stud mount spacers	2 mm
Outer stud spacers	2 mm
Differential height	4 mm
Hub inserts (track / roll center)	Wide / +3mm
Hubs	Kit
RF (C) mount	Aluminum narrow
RF mount inserts	1 out, .5 up
Ride height	14 mm
RR (D) mount	Aluminum narrow
RR mount inserts	0.5 down and in
Shock location	Front of arm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	1 - Inside
Tower	RB high grip tower
Track: wheel hexes	+1mm
WHEELBASE	
Arm spacers	Short (forward)
Hub spacers	Long (back)

TIRES

	FRONT	REAR
Tire brand / type	Proline prism 2.0	Schumacher cactus
Tire compound	Z4	Yellow
Tire insert	None	RB cheater
Tire prep	.	–
Wheel brand / type	Jconcepts mono slim	Jconcepts mono 2.2

NOTES For less steering use proline prism 2.0

SHOCKS

	FRONT	REAR
Bodies	SRX2	SRX2
Cup offset	High	Low
Eyelet length	17.5 mm	19.75 mm
Limiters (external)	0 mm	0 mm
Limiters (internal)	1.25 mm	0.75 mm
Oil weight	500 cst	450 cst
Pistons	RB Reactor 2 x 1.6mm	RB Reactor 2 x 1.7mm
Rebound	2 mm	2 mm
Shafts	Kit	Kit
Shock type	Emulsion	Emulsion
Springs	AE yellow v2	AE blue v2
Stroke	23.5 mm	28 mm

Shock oil brand	CORE

DRIVETRAIN

Axles - rear	Long
Clutch pads	3
Clutch plates	Kit
Clutch setting	1.5-2mm from end of shaft
Differential fluid	20,000 cst
Differential fluid brand	Core
Differential type	Gear
Drive ratio - final	8.38
Drive ratio - internal	2.43
Drive type	Slipper
Driveshaft pin position	Middle
Driveshafts	66mm SRX2
Pinion	22 teeth
Spur	76 teeth
Transmission gears	RB WS 5 gear laydown
Transmission layout	Laydown

ELECTRONICS

Battery brand	**Gens Ace**
Battery C rating	**130**
Battery capacity	**4000 mAh**
Battery model	**Redline**
ESC brand	**Corally**
ESC model	**Cerix 2**
Motor brand	**Hobbywing**
Motor model	**G3**
Motor timing	**30 degrees**
Motor wind	**7.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio EPA steering	**95 %**
Radio EPA throttle	**100 %**
Radio model	**Mt44**
Receiver brand	**Sanwa/Airtronics**
Receiver model	**Rx482**
Servo brand	**Srt**
Servo model	**Ch6012hv**

NOTES 4a