Serpent SRX4 Gen3

Setup: HERTS · Andy freeman (Serpent UK) · Oct 13, 2024

so dialed
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EVENT	
Event	BRCA National
Class	Modified

TRACK	
Track	HERTS
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	1.4 mm
Arms	Kit
Axle height spacers - top/bottom	3 bottom mm
Camber	-2 degrees
CAMBER LINK	
Inner stud location	3 - Outside
Outer stud location	A - Inside
Outer stud spacers	2 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	17 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
STEERING LINK	
Inner stud spacers	0 mm
Outer stud spacers	1 mm
Steering stop spacers	0 mm
Toe	-1 degrees
Tower	Carbon
Track: wheel hexes	SRX4 +0mm

BODY & CHASSIS

	FRONT	REAR
Wing	–	Jconcepts astro 7"

Body	RB Flow
Chassis	Kit
Rear wing angle	2 degrees
Screws & turnbuckles	Rb titanium turnbuckles
Weight: total	1668 g
Weights	10g each side. On chassis under steering arms

REAR SUSPENSION

Anti-roll bar	None mm
Arms	Kit
Axle height: hub inserts	+2.5 mm
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	3.5 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	19 mm
Roll center spacer	No
Roll: axle pin position	Middle
RR mount inserts	0.5 down and out
SHOCKS	
Arm mounting hole	B - Middle
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 Mezzo	Schumacher Mezzo
Tire compound	Yellow	Yellow
Tire insert	Rb cheater	Rb Cheater
Wheel brand / type	Serpent	Jconcepts mono

NOTES 2 Outer/ 2 inner rows removed on front

SHOCKS

	FRONT	REAR
Cup offset	High	Low
Limiters - int/ext	0 / 0 mm	0 / 0 mm
Oil weight	650 cst	450 cst
Pistons	Reactor 1.7x2	Reactor 1.8x2
Rebound	0 %	0 %
Shafts	TiN coated	TiNi Coated
Shock type	Emulsion	Emulsion
Springs	AE Red V2	AE Blue V2
Stroke	20.5 mm	28 mm

Shock oil brand: CORE

DIFFERENTIALS

	FRONT	REAR
Diff fluid	20,000 cst	15,000 cst
Diff mass	19.1 g	17.4 g

Diff fluid brand: Core

DRIVETRAIN

Clutch setting	2
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

NOTES Front brake oneway fitted

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 Steering Expo about -25