Serpent SRX4 Gen3

Setup: Essex Carpet Clash 2024 base · Andy freeman (Serpent UK) · Nov 13, 2024

so dialed
Open/save in RC Setup App →

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EVENT	
Event	Round 1
Class	Modified

TRACK	
Track	Essex Carpet Clash
Type	Indoor carpet
Grip / moisture	Medium / Dry
Surface / layout	Smooth / Medium
Air temp	17.5°C (64°F)
Track temp	15°C (59°F)

RESULTS	
Race type	Main
Race number	A
Finish	6th

FRONT SUSPENSION

Ackermann: steering plate	1 notch
Anti-roll bar	1.8 mm
Arms	Hard
Axle height spacers - top/bottom	1 / 2 mm
Camber	-2 degrees
CAMBER LINK	
Inner stud location	Top/ inside
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	14 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	Rude bits low tower
Track: wheel hexes	SRX4 +0mm

TIRES

	FRONT	REAR
Tire brand / type	Schumacher shard	Schumacher Cactus
Tire compound	Yellow	Yellow
Tire insert	Used rudebits cheater	RB cheater
Wheel brand / type	Jconcepts mono	Jconcepts mono

NOTES Front sidewalls glued

REAR SUSPENSION

Anti-roll bar	1.3 mm
Arms	Kit
Axle height: hub inserts	+2.5 mm
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Inside
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	1 out, .5 up
Ride height	14 mm
Roll center spacer	No
Roll: axle pin position	Middle
RR mount inserts	0.5 down
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle
Tower	Rude bits low
TRACK	
Hub inserts	+0 mm
Hubs	Long offset
Wheel hexes	SRX2 +1mm
Wheelbase: hub spacers	Long (back)

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

SHOCKS

	FRONT	REAR
Cup offset	High	Low
Limiters - int/ext	1/ 2mm o-ring mm	3/ 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 Orange V2	AE Blue V2
Stroke	20.5 mm	28 mm
Shock oil brand	CORE	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	30,000 cst	15,000 cst
Diff mass	19.1 g	17.4 g
Center diff fluid	LSD pulley fitted cst	
Diff fluid brand	Core	

DRIVETRAIN

Clutch setting	3
Drive ratio - final	9.021
Drive ratio - internal	2.429
Drive type	Slipper
Driveshafts - front	Kit
Driveshafts - rear	Kit
Pinion	22 teeth
Spur	78 teeth

NOTES Front brake oneway fitted

ELECTRONICS

Battery brand	**Onyx power systems**
Battery C rating	**130c**
Battery capacity	**4650 mAh**
Battery model	**O.P.S Modified V2**
ESC brand	**Corally**
ESC model	**Cerix 2 160a**
Motor brand	**Konect**
Motor model	**K1 elite**
Motor timing	**30 degrees**
Motor wind	**5.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio EPA steering	**86 %**
Radio EPA throttle	**100 %**
Radio model	**Mt44**
Receiver brand	**Sanwa/Airtronics**
Receiver model	**Rx482**
Servo brand	**Align**
Servo model	**BL815HV**

NOTES 12A

NOTES Steering Expo about -25