Serpent SRXE

Setup: ROAR E-Nats 7/14/22 · Ken Grace (Team Associated) · Oct 9, 2022

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EVENT	
Event	E-Nats Warmup Race
Class	E-Buggy

TRACK	
Track	G's R/C
Type	Outdoor clay
Grip / moisture	High / Dry
Surface / layout	Medium / Medium/Open

FRONT SUSPENSION

Anti-roll bar	2.5mm
Arm inserts - bottom	None
Arm inserts - top	None
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Inside middle
Outer stud location	C - Outside
Hub carriers	17.5 KPI
Kick-up: FF mount inserts	10 degrees - middle
Ride height	25 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle-out
Steering arms	Type 2
Steering block	KPI
Steering link: outer stud spacers	2 mm
Steering stop	0.5 mm
Toe	+1 degrees
Tower	Aluminum
Track: wheel hexes	+1mm light

NOTES 27 droop

TIRES

	FRONT	REAR
Tire brand / type	Pro-Line Slide Lock	Pro-Line Slide Lock
Tire compound	S3	S3
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	DE Racing SpeedLine Plus	DE Racing SpeedLine Plus

REAR SUSPENSION

Anti-roll bar	2.7mm
Anti-squat: RF block inserts	2.0 degrees - middle
Arm inserts - bottom	None
Arm inserts - top	None
Axle height: hub inserts	Low (L-H up)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	3 - Inside mid-top
Outer stud location	B - Middle-in
Hubs	Kit
Ride height	26 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	4 - Middle-out
Toe in / RR (D) block inserts	2.0 degrees
Tower	Aluminum
Track: wheel hexes	+0mm light
Wheelbase: hub spacers	+2.5 mm

NOTES 24 droop

BODY & CHASSIS

Battery layout	Stick / 4S Brick
Body	SRXE
Chassis	Aluminum light hard coated
Rear wing	Serpent Medium
Rear wing angle	4 degrees
Rear wing gurney strip	No
Rear wing mount	SRX8 v2
Screws & turnbuckles	Lundsford Titanium Turnbuckles

NOTES Alu skid plate

SHOCKS

	FRONT	REAR
Oil weight	650 cst	600 cst
Pistons	5 x 1.4	5 x 1.5
Shafts	Front	Rear
Shock length	108 mm	126 mm
Shock type	Bladder	Bladder
Springs	4.9 lb Pink	3.4 lb Pink
Shock oil brand	PT RC	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	12,000 cst	5,000 cst
Diff mass	40.35 g	40.35 g
Diff ring gear	44 teeth	44 teeth
Center diff fluid	10,000 cst	
Center diff mass	41.0 g	
Diff fluid brand	PT RC	

NOTES HTD diffs

DRIVETRAIN

Driveshafts - front	98mm
Driveshafts - rear	98mm
Pinion	16 teeth
Spur	44 teeth

NOTES Aluminum axles and hexes

ELECTRONICS

Battery brand	**Gens Ace**
Battery C rating	**130**
Battery capacity	**6000 mAh**
Battery model	**4S**
ESC brand	**Tekin**
ESC model	**RX8 Gen 3**
ESC settings	**No drag brake, 6.0 BEC**
Motor brand	**Tekin**
Motor Kv constant	**1900 Kv**
Motor model	**T8 G3 4030**
Radio brand	**Sanwa/Airtronics**
Radio EPA steering	**Max %**
Radio EPA throttle	**100/80 %**
Radio model	**M17**
Receiver battery	**N/A**
Receiver brand	**Sanwa/Airtronics**
Receiver model	**RX-472**
Steering servo brand	**ProTek**
Steering servo model	**155S**
Transponder ID	**5468214**

NOTES 1C

NOTES Track too fast for 7.4 BEC