Serpent SRX8E PRO

Setup: Am, pm race · Kyle Loy (Serpent usa) · Jul 25, 2022

so dialed
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EVENT

Event	Am, pm

TRACK

Track	Lcrc raceway
Type	Outdoor loose/loamy
Grip / moisture	Medium / Dry/Dusty
Surface / layout	Rutted/Smooth / Medium/Open
Air temp	95°F (35°C)
Track temp	90°F (32°C)

FRONT SUSPENSION

Anti-roll bar	2.4mm
Arm inserts - bottom	Nylon
Arm inserts - top	None
Camber	-2 degrees
CAMBER LINK	
Inner stud location	3 - Inside top
Outer stud location	A - Inside
Hub carriers	17 degree
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 arm	Type 2
Steering block	Kit
Steering link: outer stud spacers	2 mm
Steering stop	0 mm
Toe	-2 degrees
Tower	Aluminum
Track: wheel hexes	+1mm

TIRES

	FRONT	REAR
Tire brand / type	Proline	Proline
Tire compound	Clay	Clay
Tire insert	Closed-cell	Closed-cell
Tire prep	Low foam	Low foam
Wheel brand / type	Proline	Proline

REAR SUSPENSION

Anti-roll bar	2.7mm
Anti-squat: RF block inserts	2.0 degrees - middle
Arm inserts - bottom	Nylon
Arm inserts - top	None
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Inside bottom
Outer stud location	D - Outside
Hubs	Kit
Ride height	27 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3 - Middle
Toe in: RR block inserts	2.0 degrees
Tower	Carbon
Track width: hub pin position	Narrow (pin out)
Track: wheel hexes	+0mm
Wheelbase: hub spacers	+2.5 mm

NOTES One little shim front of the hub

BODY & CHASSIS

Battery layout	Stick / 4S Brick
Body	SRXE
Chassis	Aluminum light hard coated
Rear wing	Vp pro light weight wing/ lfr front nose wing
Rear wing angle	6 degrees
Rear wing mount	SRX8 v2

NOTES All electronic is up front, more weight in front of the car

SHOCKS

	FRONT	REAR
Oil weight	60 wt	50 wt
Pistons	5x1.5	5x1.6
Rebound	0 mm	0 mm
Shafts	TiN Coated	TiN coated
Shock length	108 mm	127 mm
Shock type	Emulsion	Emulsion
Springs	4.9 lb Pink	3.4 lb Pink
Stroke	36.5 mm	44 mm

Shock oil brand: Team Associated

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	4,000 cst
Diff mass	43.5 g	43.5 g
Diff type	HTD	HTD

Center diff fluid	10,000 cst
Center diff mass	44.0 g
Center diff type	HTD

DRIVETRAIN

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