Serpent SRX8 PRO

Setup: 13th annual Halloween race lcrc raceway · Kyle Loy (Serpent usa) · Oct 21, 2021

so dialed
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EVENT

Event	13th annual Halloween race

TRACK

Track	Lcrc raceway
Type	Outdoor hard-packed
Grip / moisture	Medium / Dry/Wet
Surface / layout	Medium / Medium
Air temp	65°F (18°C)
Track temp	60°F (16°C)

FRONT SUSPENSION

Anti-roll bar	2.4mm
Arm inserts - bottom	Nylon
Arm inserts - top	Carbon
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Inside middle
Outer stud location	C - Outside
Hub carriers	Kit
Kick-up: FF mount inserts	10 degrees - middle
Ride height	26 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Middle-out
Steering arm	Type 2
Steering block	Kit
Steering stop	0.0 mm
Toe	+1 degrees
Tower	Aluminum
Track: wheel hexes	+1mm

NOTES Running front wing and prototype arm wing

REAR SUSPENSION

Anti-roll bar	2.5mm
Anti-squat: RF block inserts	2.0 degrees - middle
Arm inserts - bottom	Nylon
Arm inserts - top	Nylon
Camber	-3 degrees
CAMBER LINK	
Inner stud location	2 - Inside mid-bottom
Outer stud location	B - Middle-in
Hubs	Kit
Ride height	27 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	4 - Middle-out
Toe: RR block inserts	2.75 degrees
Tower	Carbon
Track width: hub pin position	Wide (pin in)
Track: wheel hexes	+0mm
Wheelbase: hub spacers	+3.75 mm

DRIVETRAIN

Clutch bell	Vented
Clutch shoes & springs	6061x4 on .95
Driveshafts - front	98mm
Driveshafts - rear	98mm
Flywheel	Aluminum
Pinion	13 teeth
Spur	46 teeth

NOTES Want to try 6061x4 with 2 .90 and 2 .95

SHOCKS

	FRONT	REAR
Oil weight	35 wt	32.5 wt
Pistons	5x1.5	5x1.6
Shafts	TiN Coated	TiN coated
Shock length	108 mm	126 mm
Shock type	Bladder	Bladder
Springs	4.5 lb Orange	3.2 lb Red
Shock oil brand	Team Associated	

NOTES Try emulsion if you want little more grip

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	3,000 cst
Diff mass	44.75 g	44.75 g
Diff type	HTD	HTD
Center diff case	Standard	
Center diff fluid	10,000 cst	
Center diff mass	45.7 g	
Center diff type	HTD	

BODY & CHASSIS

Body	High downforce
Chassis	Aluminum Hard Coated EVO
Engine mount	Kit
Rear wing	Serpent Medium
Rear wing angle	4 degrees
Rear wing mount	SRX8 v2
Transmission brace - front	Kit
Transmission brace - rear	Kit