Serpent SDX4

Setup: RC Farm 7/11/2021 · Ken Grace (Serpent America) · Oct 13, 2021

so dialed
Open/save in RC Setup App →

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TRACK

Track	RC Farm
Type	Indoor hard-packed
Grip / moisture	Low / Dusty/Dry
Surface / layout	Smooth / Tight

FRONT SUSPENSION

Anti-roll bar	1.4mm
Arm stiffeners	Nylon
Arms	Kit
Axle height: hub carrier spacers	Medium mm
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Inside bottom
Outer stud location	B - Outside
Outer stud spacers	1 mm
FF mount	Kit
FR mount	Kit
Hub carriers	5 degree
Ride height	20 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	2 - Middle
STEERING LINK	
Inner stud spacers	1 mm
Outer stud spacers	2 mm
Steering stop spacers	0 mm
Toe	+1 degrees
Tower	Carbon
Track: wheel hexes	-0.75mm
Wheelbase: hub carrier spacers	Middle

TIRES

	FRONT	REAR
Wheel brand / type	Serpent	Serpent

REAR SUSPENSION

Anti-roll bar	1.4mm
Anti-squat: RR mount orientation	1 degree
Arm position	Left A / Right B
Arm stiffeners	Nylon
Arms	Kit
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Inside mid-bottom
Outer stud location	B - Middle
Outer stud spacers	0 mm
Hubs	Kit
Ride height	20 mm
Roll center spacer	No
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
Toe-in	3 degrees
Tower	Carbon
Track: wheel hexes	-0.75mm
Wheelbase: hub spacers	Middle

BODY & CHASSIS

	FRONT	REAR
Wing	–	7.0"
Battery layout		Shorty
Body		SDX4
Chassis		Kit
Electronics layout		3 - Front motor
Rear wing angle		4 degrees

SHOCKS

	FRONT	REAR
Caps	SRX2	SRX2
Limiters (internal)	2.0 mm	0 mm
Oil weight	475 cst	350 cst
Pistons	2 x 1.7mm	2 x 1.6mm
Rebound	0 %	0 %
Shafts	Kit	Kit
Shock type	Emulsion	Emulsion
Spring cup offset	High	Low
Springs	AE Yellow	AE Blue
Stroke	20.5 mm	27.5 mm
Shock oil brand	PT RC	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	5,000 cst
Diff mass	19.5 g	19.5 g

DRIVETRAIN

Clutch pads	3
Clutch plates	3-plate
Clutch setting	0.5-1mm from end of shaft
Drive type	Slipper
Driveshafts - front	Universal
Driveshafts - rear	Universal
Spur	86 teeth