Serpent Medius X20

Setup: Set up Patti · Paolo Polimeni · Aug 4, 2020

so dialed
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TRACK

Track	Patti
Type	Outdoor asphalt
Grip / moisture	High
Surface / layout	Medium

FRONT SUSPENSION

Anti-roll bar	1.4mm 4 stripe
Camber	-1.5 degrees
Differential height	Low
Downstop	2,2mm
Lower arm stiffeners	None
Lower arms	Kit
LOWER ARMS	
Front pivot spacers	1.0 mm
Rear pivot spacers	1.0 mm
Ride height	5.2 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Mid-out
Steering blocks	Kit
STEERING LINK	
Inner stud spacers	1.0 mm
Outer stud location	B - Middle
Outer stud spacers	0 mm
Steering rack spacers	1 mm
Toe	+1 degrees
Tower	Carbon
Tower stiffener	None
UPPER ARMS	
Mount inserts	Outside (short arms)
Mount spacers	3 mm
Pin spacers (caster)	Front 2mm / rear 3mm
Wheel hex	-0.75mm

ELECTRONICS

Battery brand	Team Orion
Battery C rating	120
Battery capacity	7000 mAh
Battery model	Lipo
ESC brand	Team Orion
ESC model	Da off
ESC settings	Paolo
Motor wind	21.5 turns

REAR SUSPENSION

Anti-roll bar	1.4mm 4 stripe
Camber	-2.5 degrees
Differential height	High
Downstop	1.8mm
Hubs	Kit
Lower arm stiffeners	None
Lower arms	Kit
LOWER ARMS	
Front pivot spacers	1.0 mm
Rear pivot spacers	1.0 mm
Ride height	5.4 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Mid-out
Toe	-2.0 degrees
TOE LINK	
Inner stud spacers	1.0 mm
Outer stud location	A - Inside
Outer stud spacers	0 mm
Tower	Carbon
Tower stiffener	None
Upper arm spacers	Front 3mm / rear 2mm
UPPER ARMS	
Mount inserts	Outside (short arms)
Mount spacers	3 mm
Wheel hex	-0.75mm

TIRES

	FRONT	REAR
Tire additive	Hudy	Hudy
Tire brand / type	Grp	Grp
Tire compound	36	36

SHOCKS

	FRONT	REAR
Oil weight	400	400
Pistons	4 hole	4 hole
Rebound	5,5 mm %	6mm %
Springs	Orange 2.8	Yellow 2.6
Rear oil brand	Senesi	
Shock oil brand	Senesi	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	N/A cst	4,000 cst
Diff type	Spool	Gear
Diff mass	–	11.5 g
Diff fluid brand	Serpent	

DRIVETRAIN

Belts	Kit
Driveshafts - front	Double joint cardan 4X
Driveshafts - rear	CVD Aluminum
Gear pitch	64
Pinion	46 teeth
Spur	96 teeth

BODY & CHASSIS

Battery position	Mid
Body	Teister
Chassis	Carbon fiber
Chassis brace - center mid	None
Chassis brace - center rear	None
Chassis brace - front	None
Chassis brace - rear	None
Upper deck	Carbon

NOTES Twister extreme