Serpent Viper 989

Setup: My Base Setup · Lode Haling · Sep 21, 2020

so dialed
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EVENT

Event	NWM #3

TRACK

Track	Mrg Genk
Type	Outdoor asphalt
Grip / moisture	High / Dry
Surface / layout	Smooth / Medium
Track temp	50°C (122°F)

FRONT SUSPENSION

Anti-roll bar	Hard
Camber - L/R	-3/-2 degrees
Downstop	2 mm
DTS system	No
Lower arm inserts	Plastic
Lower arm mounts	Narrow
Lower arm spacers (wheelbase)	1
Lower arms	Kit
Ride height	9.0 mm
Servo saver tightness	1.0 mm
Servo saver: Ackermann inserts	Forward
SHOCKS	
Arm mounting plate	Standard aluminum
Tower mounting hole	2 - Top
Steering arm	Aluminum
Steering block inserts (trail)	Middle
Steering blocks	Kit
STEERING LINK	
Inner stud spacers	0 mm
Outer stud location	B - Rearward
Outer stud spacers	3.0 mm
Toe	+1 degrees
Tower	Kit
Track width	249 mm
Upper arm mount inserts	Middle
Upper arm mount spacers	1 mm
Upper arm spacers (caster)	4.0 mm
Upper arms	Kit

REAR SUSPENSION

Anti-roll bar	Medium
Camber - L/R	-3 degrees
CAMBER LINK	
Inner stud location	3 - Middle bottom
Outer stud spacers	0 mm
Downstop	8 mm
Hubs	Kit
Lower arm inserts	Carbon
Lower arm mount inserts (roll center)	Front down / rear down
Lower arm spacers (wheelbase)	1 mm
Lower arms	Kit
Ride height	11.0 mm
SHOCKS	
Arm mounting plate	Kit
Tower mounting hole	2 - Middle
Toe	-2.5 degrees
Tower	Option
Track width	260 mm

ENGINE

Engine brand	OS speed
Engine model	2102
Fuel	Runnertime
Glow plug	Rp 7
Head clearance	0.55
Pipe / header	2098

TIRES

	FRONT	REAR
Tire brand / type	Arrowmax	–
Tire diameter - L/R	68 mm	75 mm

SHOCKS

	FRONT	REAR
Oil weight	800 cst	800 cst
Pistons	1 hole	2 hole
Springs	6.8/39 Purple	Mugen white
Stroke	14.5 mm	13.0 mm
Shock oil brand	Serpent	

DRIVETRAIN

Axle - front, oneway	Kit
Axle - rear, solid	Kit
Belt - front	Kit
Belt - rear	Kit
Belt - side	Kit
Clutch bell gap	0.5 mm
Clutch shoes & springs	Yellow shoes, extra-hard springs
Drive ratio - internal	2.40
Driveshafts - front	CVD
Driveshafts - rear	CVD
Pinion - 1st	19 teeth
Pinion - 2nd	24 teeth
Spur - 1st	63 teeth
Spur - 2nd	56 teeth

BODY & CHASSIS

Chassis	Kit
Chassis stiffener - front	Carbon
Upper plate	2.5mm carbon