Schumacher CAT L1

Setup: My Base Setup · David Hardicker · Jul 27, 2020

so dialed
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FRONT SUSPENSION

Anti-roll bar	1.8 mm
Arms	Carbon fiber
Axle height (hub spacers)	High (below hub)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Outer stud location	B - Outside
Outer stud spacers	2 mm
Differential height	Low
FF (A) mount	Kit
Hub carrier / yoke	10 degree stiff
Pin	Steel
Pin angle (kick-up)	10 degrees
Pin width (track)	+0.5 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Mid-in
Steering block	Kit
Steering center link pivot location	Outside
STEERING LINK	
Inner stud location	3 - Front
Inner stud spacers	0 mm
Toe	+1 degrees
Tower	Kit
Wheel hex	0mm
Wheelbase (arm spacers)	+2.4 mm

ELECTRONICS

Battery brand	Team Orion
Battery C rating	120
Battery capacity	4000 mAh
ESC brand	Tekin
ESC model	RSX Pro
Motor brand	Hobbywing
Motor model	G3
Motor timing	Stock degrees
Motor wind	5.5 turns
Radio brand	Futaba

REAR SUSPENSION

Anti-roll bar	2.0 mm
Anti-squat (strap spacer)	2 degrees
Arms	Stiff
Camber	-2 degrees
Camber link mount	Alloy
CAMBER LINK	
Inner stud location	1 - Front
Inner stud spacers	2 mm
Outer stud location	C - Mid-out
Differential height	High mm
Hub	Kit
Pin	Steel
Pivot block	Kit
Pivot block spacer	1mm
RR (D) mount	Low pin / arrows down
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3
Toe (RF/RR mount inserts)	-2.5 degrees
Tower	Kit
Wheel hex	0mm
Wheelbase (hub spacers)	Middle

BODY & CHASSIS

	FRONT	REAR
Wing	–	Kit
Battery position		Middle
Body		Penguin
Chassis		Carbon Fibre
Chassis sidepods		Carbon fiber
Top deck - center		None
Top deck - front		2.5mm
Top deck - rear		2.5mm

SHOCKS

	FRONT	REAR
Bodies	Kashima coated	Kashima coated
Caps	Aeration	Aeration
Limiters (external)	0	0
Limiters (internal)	0	0
Oil weight	400 cst	300 cst
Pistons	2 x 1.6mm - Black	3 x 1.6mm - Black
Springs	CORE Blue	CORE Green
Stroke	22 mm	27.3 mm
Shock oil brand	CORE	

DIFFERENTIALS

	FRONT	REAR
Diff case	Kit	Kit
Diff fluid	7,000 cst	7,000 cst
Diff gears	2	2

DRIVETRAIN

Drive type	Direct drive
Driveshafts - front	Roche Double-jointed
Driveshafts - rear	Universal
Pinion	18 teeth
Slipper clutch pads	N/A
Spur	83 teeth