Schumacher CAT L1 EVO

Setup: Kelowna - Orlowski Dirt · Mike Simister (Klinik Rc) · Jan 21, 2021

so dialed
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EVENT	
Event	WORS

TRACK	
Track	Nanaimo
Type	Outdoor hard-packed
Grip / moisture	Medium / Dry
Surface / layout	Bumpy / Medium
Track temp	20°C (68°F)

FRONT SUSPENSION

Anti-roll bar	1.2 mm
Arms	Medium
AXLE HEIGHT	
Hub spacers	High (below hub)
Yoke pin height	Low (high pin)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Outer stud location	A - Inside
Outer stud spacers	4 mm
Differential height	Low
FF mount	Kit
Hub carrier / yoke	8 degree alloy
Pin angle (kick-up)	8 degrees
Pin width (track)	0 mm
Pins	Steel
Ride height	20 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	2 - Middle
Inner stud spacers	0 mm
Toe	-0.5 degrees
Tower	Carbon fiber
Track: wheel hexes	0mm
Wheelbase: arm spacers	+2.4 mm

TIRES

	FRONT	REAR
Tire brand / type	Proline Holeshots	Proline Holeshots
Tire compound	M4	M4
Tire insert	Open-cell	Closed-cell
Wheel brand / type	Schumacher	Schumacher

REAR SUSPENSION

Anti-roll bar	1.8 mm
Anti-squat: strap spacer	1 degrees
Arm length	Long
Arms	Medium
Camber	-3 degrees
Camber link mount	Alloy
CAMBER LINK	
Inner stud location	2 - Back
Inner stud spacers	4 mm
Outer stud location	B - Mid-in
Outer stud spacers	0 mm
Differential height	High mm
Hub	Kit
Pins	Steel
Ride height	20 mm
RR mount	Low pin / arrows down
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3
Toe: RF/RR mount inserts	-3.5 degrees
Tower	Carbon fiber
Track: wheel hexes	0mm
Transmission spacer	None
Wheelbase: hub spacers	Short (hub forward)

BODY & CHASSIS

	FRONT	REAR
Wing	–	Kit
Battery position		Middle
Body		Kit
Chassis		Kit
Chassis sidepods		S2 Aluminum
Top deck - front		2.5mm Carbon fiber
Top deck - rear		2.5mm Carbon fiber

SHOCKS

	FRONT	REAR
Bodies	Kit	Kit long
Caps	Aeration	Aeration
Cup offset	High	Low
Limiters (external)	0	0
Limiters (internal)	1	0
Oil weight	650 cst	450 cst
Pistons	2 x 1.7mm - Red	2 x 2.1mm
Springs	CORE Blue	CORE Green
Stroke	22.2 mm	28.5 mm
Shock oil brand	CORE	

DIFFERENTIALS

	FRONT	REAR
Diff case	Kit	Kit
Diff fluid	15,000 cst	15,000 cst
Diff gears	2	2

DRIVETRAIN

Drive ratio - final	10.17
Drive ratio - internal	2.45
Drive type	Slipper
Driveshafts - front	Universal
Driveshafts - rear	Universal
Pinion	20 teeth
Slipper clutch pads	2
Spur	83 teeth

ELECTRONICS

Battery brand	LRP
Battery C rating	135 C
Battery capacity	4100 mAh
Battery model	Graphene 4
ESC brand	LRP
ESC model	Flow X Off-Road 3.2
Motor brand	LRP
Motor model	X22
Motor timing	18 degrees
Motor wind	6.5 turns
Radio brand	Sanwa/Airtronics
Radio EPA throttle	95 %
Radio model	M17
Receiver brand	Sanwa/Airtronics
Receiver model	482
Servo brand	ProPerformance
Servo model	FS10HV-SR

NOTES Expo -10% Brake EPA 85%
ESC 3-6-3-1-0-/-/-2