Schumacher CAT L1R

Setup: BRCA National Mendip 21/05/23 · Liam Toole · May 24, 2023

so dialed
Open/save in RC Setup App →

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EVENT

Event	BRCA National Rd 2 2023

FRONT SUSPENSION

ACKERMANN	
Center link pivot	5 - Outside
Inner steering link location	2 - Middle
Steering arm	No dot
Anti-roll bar	1.8 mm
Axle height: yoke pin height	Low (high pin)
Bump steer: outer steering link shims	0 mm
Camber	-1 degrees
CAMBER LINK	
Inner location	2 - Middle
Outer location	1 - Outside
Outer shims	3 mm
Caster: yokes	10 deg plastic
Differential height	High
Front strap	Aluminum
Kick-up: arm mount inserts	10 degrees
Ride height	17 mm
Roll center: pin height	High
SHOCKS	
Arm mounting hole	2 - Middle
Tower mounting hole	2
Toe	+1 degrees
Tower	S2
TRACK	
Arm mounts	Mid
Wheel hexes	0mm
Wheelbase: arm shims	Long

ESC SETTINGS

BRAKE	
Drag	10 %
Frequency	2 kHz
Throttle: Curve	5 throttle rate
TURBO	
Delay	0.05 seconds
Timing	25 degrees

REAR SUSPENSION

Anti-roll bar	1.6 mm
Anti-squat: strap spacer	2 degrees
Arm length	Long
Axle height: hub inserts	+2.5mm - B down
Camber	-2 degrees
Camber link mount	Carbon fiber
CAMBER LINK	
Inner shims	4 mm
Outer location	Mount out / Front mid
Outer shims	3 mm
Differential height	Low
Hub carriers	Aluminum
Ride height	17 mm
Roll center: RR strap orientation	High
SHOCKS	
Arm mounting hole	2 - Middle
Tower mounting hole	2
Toe: RF mount inserts	2 degrees
Tower	S2
Track: wheel hexes	-0.75mm
Transmission spacer	None
Wheelbase: hub spacers	Middle

BODY & CHASSIS

	FRONT	REAR
Wing	–	L1R

Battery position	Front
Body	L1R Lightweight
Rear wing gurney height	10.5 mm
Screws & turnbuckles	3.5 Ti
Top deck - rear	2.5mm Carbon fiber

NOTES Rear and front top deck screw removed

SHOCKS

	FRONT	REAR
Limiters - ext	0	2
Limiters - int	0	0
Springs	HR 4.0lb Black	HR 2.2lb Green
Stroke	21.8 mm	28 mm

Front bodies	Kit
Front caps	Aeration
Rear pistons	2x2.1 Yellow
Shock oil brand	CORE

DIFFERENTIALS

	FRONT	REAR
Diff case	Carbon	Carbon
Diff fluid	10,000 cst	10,000 cst
Diff gears	4	4

Diff fluid brand	Core

DRIVETRAIN

Drive ratio - internal	2.45
Drive type	Slipper
Driveshafts - front	Double-jointed
Driveshafts - rear	Universal
Pinion	19 teeth
Rear-only slipper	No
Slipper clutch pads	3
Spur	83 teeth

TIRES

	FRONT	REAR
Tire brand / type	Mezzo	Mezzo
Tire compound	Yellow	Yellow
Wheel brand / type	Schu	Schu

Front tire inserts	Medium