Schumacher CAT L1 EVO

Setup: Worksop Rnd 1 · Ryan Clarke · May 4, 2022

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EVENT	
Event	Indoor Masters Rnd1

TRACK	
Track	Worksop
Type	Indoor hard-packed
Grip / moisture	Medium / Wet/Dry
Surface / layout	Smooth / Medium
Air temp	12.5°C (55°F)
Track temp	20°C (68°F)

FRONT SUSPENSION

Anti-roll bar	1.4 mm
Arms	Medium
Axle height: hub spacers	Hub Low
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Outer stud location	B - Outside
Outer stud spacers	3 mm
Differential height	High
FF mount	Kit
Hub carrier / yoke	8 degree alloy
Pin angle (kick-up)	8 degrees
Pin width (track)	0 mm
Pins	Steel
Ride height	18 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3 - Middle
Steering block	Kit
Steering center link pivot location	Inside
STEERING LINK	
Inner stud location	2 - Middle
Inner stud spacers	0 mm
Toe	+1 degrees
Tower	Kit
Track: wheel hexes	0mm
Wheelbase: arm spacers	+2.8 mm

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Honeycomb	Schumacher Honeycomb
Tire compound	Yellow	Yellow
Tire insert	Schuey Medium	Schuey Medium
Wheel brand / type	Jconcepts	–

REAR SUSPENSION

Anti-roll bar	1.8 mm
Anti-squat: strap spacer	1 degrees
Arm length	Long
Arms	Medium
Camber	-1 degrees
Camber link mount	Alloy
CAMBER LINK	
Inner stud location	1 - Front
Inner stud spacers	4 mm
Outer stud location	C - Mid-out
Outer stud spacers	0 mm
Differential height	Low mm
Hub	Kit
Pins	Steel
Ride height	18 mm
RR mount	Low pin / arrows down
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2
Toe: RF/RR mount inserts	3 degrees
Tower	Kit
Track: wheel hexes	0mm
Transmission spacer	None
Wheelbase: hub spacers	Short (hub forward)

BODY & CHASSIS

	FRONT	REAR
Wing	–	Kit
Wing gurney	–	2 lines
Battery position		Max Forwards Klinik
Body		Aerox LW
Chassis		Flex
Chassis sidepods		S2 Aluminum
ESC tray		Carbon
Receiver tray		Brass
Top deck - front		S2 2.0mm
Top deck - rear		2.5mm Carbon fiber

SHOCKS

	FRONT	REAR
Bodies	Kashima coated	Kashima coated
Caps	Aeration	Aeration
Cup offset	High	Low
Limiters (external)	0	0
Limiters (internal)	0	0
Oil weight	500 cst	400 cst
Pistons	2 x 1.8 Red (Drilled)	2 x 2.1 Red (Drilled)
Springs	CORE Blue	CORE Green
Stroke	22 mm	28 mm
Shock oil brand	CORE	

DIFFERENTIALS

	FRONT	REAR
Diff case	Carbon	Carbon
Diff fluid	12,000 cst	12,000 cst
Diff gears	4	4
Diff fluid brand	Core Rc	

DRIVETRAIN

Drive ratio - internal	2.45
Drive type	Slipper
Driveshafts - front	Roche Double-jointed
Driveshafts - rear	Universal
Pinion	20 teeth
Slipper clutch pads	2
Spur	83 teeth