Schumacher Cougar LD2/LD2 SS

Setup: Dirt burners setup · Kenneth Kennedy · Jan 21, 2023

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EVENT	
Event	Dbrl race #2

TRACK	
Track	Dirt Burners
Type	Indoor clay
Grip / moisture	High / Wet
Surface / layout	Medium / Open

FRONT SUSPENSION

Ackermann: inner steering link spacers	2 mm
Anti-roll bar	None
Arms	Medium
Axle height: steering block spacers	Medium
Bumpsteer: outer steering link spacers	2 mm
Camber	-1.5 degrees
Center track rod stud location	2
Pivot block	Aluminum
Pivot block arm mount location	2 - Outside
Pivot block height	High
Ride height	20 mm
ROLL CENTER	
Inner camber link location	3 - Outside
Inner camber link spacers	4 mm
Outer camber link location	B - Outside
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle
Steering block	Aluminum
Toe	0 degrees
Tower	S2
Track: wheel hexes	-0.75mm
WHEELBASE	
Chassis insert	0 mm
Hub spacers	+3.0mm
Yokes	5 degree

REAR SUSPENSION

Anti-roll bar	None
Anti-squat: strap spacer	2 degrees
Arm length	Long
Arms	Medium
Camber	-1 degrees
Differential height	Low mm
Hub	Kit
Ride height	20 mm
ROLL CENTER	
Inner camber link location	2 - Outside
Inner camber link spacers	1 mm
Outer camber link location	C - Mid-out
Outer camber link spacers	0
Pin height	High
Shock location	Front of arm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Mid-in
Toe: suspension mount inserts	3 degrees
Tower	S2
Track: wheel hexes	1.50mm
Wheelbase: hub spacers	Medium

ELECTRONICS

Battery brand	Gens Ace
Battery capacity	5100 mAh
Battery model	5100
ESC brand	Hobbywing
ESC model	G2 160 amp
Motor brand	Fantom

SHOCKS

	FRONT	REAR
Caps	Vented	Vented
Limiters - int/ext	0 / 0 mm	0 / 0 mm
Oil weight	500 cst	400 cst
Pistons	1.7 klinik 2 hole	1.8 klinik 2 hole
Springs	3.7lb Blue	2.2lb Green
Stroke	22 mm	27.3 mm

Shock oil brand	PT RC

DRIVETRAIN

Clutch pads	2
Differential fluid	12,000 cst
Differential fluid brand	8.80
Differential type	4-gear
Drive ratio - internal	2.53
Drive type	Slipper
Driveshafts	CVD
Pinion	22 teeth
Spur	71 teeth

BODY & CHASSIS

	FRONT	REAR
Wing	Aerox	Aerox

Body	J concepts s2
FLEX	
Chassis	Aluminum
Chassis sidepods	Stiff
Cross brace	None
Front wing location	Low
Motor plate	Aluminum
Rear wing angle	Stock
Rear wing gurney height	5 mm
Screws & turnbuckles	Stock
WEIGHT	
Battery position	4
Radio tray position	3 - Forward