Schumacher Cougar LD2/LD2 SS

Setup: Worksop rnd 1 · Ryan Clarke · Oct 1, 2022

so dialed
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EVENT	
Event	Indoor Masters Rnd 1

TRACK	
Track	Worksop
Type	Indoor hard-packed
Grip / moisture	Medium / Dry
Surface / layout	Smooth / Medium

FRONT SUSPENSION

Ackermann: inner steering link spacers	1 mm
Anti-roll bar	None
Arms	Medium
Axle height: steering block spacers	Medium
Bumpsteer: outer steering link spacers	2 mm
Camber	-1 degrees
Center track rod stud location	2
Pivot block	Standard
Pivot block arm mount location	1 - Inside
Pivot block height	High
Ride height	19 mm
ROLL CENTER	
Inner camber link location	3 - Outside
Inner camber link spacers	1 mm
Outer camber link location	B - Outside
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle
Steering block	Kit
Toe	-1 degrees
Tower	S2
Track: wheel hexes	-0.75mm
WHEELBASE	
Chassis insert	0 mm
Hub spacers	+1.5mm
Yokes	5 degree

REAR SUSPENSION

Anti-roll bar	None
Anti-squat: strap spacer	1 degrees
Arm length	Long
Arms	Medium
Camber	-1 degrees
Differential height	Low mm
Hub	Kit
Ride height	19 mm
ROLL CENTER	
Inner camber link location	2 - Outside
Inner camber link spacers	0 mm
Outer camber link location	C - Mid-out
Pin height	Low
Shock location	Front of arm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3 - Middle
Toe: suspension mount inserts	3.5 degrees
Tower	S2
Track: wheel hexes	-0.75mm
Wheelbase: hub spacers	Medium

TIRES

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

SHOCKS

	FRONT	REAR
Caps	Aeration	Aeration
Limiters - int/ext	0 / 0 mm	0 / 0 mm
Oil weight	450 cst	350 cst
Pistons	2 x 1.8 Red (Drilled)	2 x 2.1 red (Drilled)
Springs	3.7lb Blue	Hi-response 2.0lb Red
Stroke	22 mm	28 mm
Shock oil brand	CORE	

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	23 teeth
Spur	76 teeth

NOTES Ball diff

BODY & CHASSIS

	FRONT	REAR
Wing	–	Kit
Body	Aerox	
FLEX		
Chassis	Aluminum	
Chassis sidepods	Stiff	
Cross brace	None	
Motor plate	Aluminum	
Rear wing gurney height	4 mm	
WEIGHT		
Battery position	5	
Radio tray position	3 - Forward	
Weights	Brass FR hangar Under servo weight	