Schumacher Cougar LD3

Setup: SDRC base · MIKE SORCHY · Nov 30, 2025

so dialed
Open/save in RC Setup App →

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EVENT	
Event	Base setup

TRACK	
Track	SDRC
Type	Indoor clay
Grip / moisture	High / Dry
Surface / layout	Medium / Tight

RESULTS	
Race type	Qualifier

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering arms	Kit
Anti-roll bar	0 mm
Arms	Medium
Axle height: hub shims	3 mm
Bump steer: outer steering link shims	0.5 mm
Camber	-1 degrees
CAMBER LINK	
Inner location	3 - Out
Inner mount	Alloy
Inner shims	6 mm
Outer location	A In
Center track rod	Standard
Center track rod stud location	2
Pivot block	Standard
Pivot block height	+0 mm
Ride height	18 mm
Shock tower	Carbon fiber
SHOCKS	
Arm mounts	B - Out
Tower mounts	3
Steering blocks	Standard
Steering crank mount location	2 - Out
Toe	0 degrees
Track: wheel hexes	-2 mm
WHEELBASE	
Arm orientation	+0 mm
Chassis insert	+0 mm
Hub shims	+1.5 mm
Yokes	5 deg plastic

NOTES Front tower spacer shocks on rear of tower

REAR SUSPENSION

Anti-roll bar	0 mm
Anti-squat: strap spacer	2 degrees
Arm length	2 - Long
Arms	Medium
Camber	-1 degrees
CAMBER LINK	
Inner location	2 - Outside
Inner shims	2 mm
Outer location	Outboard - back inside
Outer shims	3
Differential height	Medium mm
Hub height: insert orientation	High
Hub inserts	G
Hubs	Standard
Ride height	18 mm
Shock location	Front of arm
Shock tower	Carbon fiber
SHOCKS	
Arm mounts	A - In
Tower mounts	1 - in
Toe: arm mount inserts	3.5 degrees
Track: wheel hexes	0 mm
Wheelbase: hub shims	+6 mm

TIRES

	FRONT	REAR
Tire brand / type	Tzo	Tzo
Tire inserts	Tzo	Tzo
Wheel brand / type	Tzo	Tzo

ELECTRONICS

ESC brand	Hobbywing
ESC model	G2
Motor brand	Hobbywing
Motor model	G4R
Motor timing	46 degrees
Servo brand	MKS Servos
Servo model	Hbl550lx

SHOCKS

	FRONT	REAR
Bodies	Kit	Kit
Caps	Aeration	Aeration
Limiters - ext	3 mm	1 mm
Limiters - int	0 mm	0 mm
Oil weight	32.5 wt	27.5 wt
Pistons	2x1.8	2x2.0
Springs	1up red	1up white
Stroke	22 mm	28.5 mm
Shock oil brand	Team Associated	

DRIVETRAIN

Clutch pads	2
Differential fluid	Ball cst
Differential fluid brand	8.80
Differential type	Ball
Drive ratio - internal	2.53
Drive type	Slipper
Driveshafts	CVD
Gearbox	Laydown
Pinion	29 teeth
Spur	76 teeth

BODY & CHASSIS

	FRONT	REAR
Wing	–	Jc 7”
Battery position	6	
Body	Jc s3	
FLEX		
Chassis	Alloy	
Cross brace	None	
Motor plate	Aluminum	
Radio tray position	3 - Front	
Screws & turnbuckles	Trackstar rc	

NOTES 2 top screws removed out of upper bulkhead