Schumacher Cougar LD3

Setup: Cobra club day · Kevin Greenway · Oct 24, 2024

so dialed
Open/save in RC Setup App →

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EVENT	
Event	Club day

TRACK	
Track	Cobra
Type	Indoor carpet
Grip / moisture	Medium / Dry
Surface / layout	Smooth / Medium

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	2 mm
Steering arms	Kit
Anti-roll bar	0 mm
Arms	Medium
Axle height: hub shims	1 mm
Bump steer: outer steering link shims	2 mm
Camber	-1.5 degrees
CAMBER LINK	
Inner location	3 - Out
Inner mount	Alloy
Inner shims	4 mm
Outer location	A Out
Center track rod	Alloy
Center track rod stud location	2
Pivot block	Brass
Pivot block height	+1 mm
Ride height	14 mm
Shock tower	Carbon fiber
SHOCKS	
Arm mounts	B - Out
Tower mounts	4
Steering blocks	Standard
Steering crank mount location	1 - In
Toe	+1 degrees
Track: wheel hexes	-2 mm
WHEELBASE	
Arm orientation	+0 mm
Chassis insert	+0 mm
Hub shims	+1.5 mm
Yokes	5 deg plastic

ESC SETTINGS

BRAKE	
Drag	15 %
Initial strength	20 %
Throttle: Frequency	8 kHz
Turbo: Timing	25 degrees

NOTES Throttle rate 5

REAR SUSPENSION

Anti-roll bar	1.2 mm
Anti-squat: strap spacer	1 degrees
Arm length	2 - Long
Arms	Medium
Camber	-1.5 degrees
CAMBER LINK	
Inner location	2 - Outside
Inner shims	4.5 mm
Outer location	Outboard - back outside
Outer shims	2.5
Differential height	Low mm
Hub height: insert orientation	High
Hub inserts	Narrow C
Hubs	Standard
Ride height	14 mm
Shock location	Front of arm
Shock tower	Carbon fiber
SHOCKS	
Arm mounts	B - Mid
Tower mounts	3
Toe: arm mount inserts	1 degrees
Track: wheel hexes	+1.5 mm
Wheelbase: hub shims	+4 mm

TIRES

	FRONT	REAR
Tire brand / type	Cactus fusion Yellow	Cactus yellow
Tire inserts	Med	Med
Wheel brand / type	Kit	Kit

ELECTRONICS

Battery brand	Intellect Pioneering
Battery model	4400 uclg
ESC brand	Hobbywing
ESC model	G2s pro
Motor brand	Hobbywing
Motor model	G3
Motor timing	30 deg degrees
Motor wind	7 turns
Radio brand	Sanwa/Airtronics
Radio model	ZZ
Receiver brand	Sanwa/Airtronics
Receiver model	482
Servo brand	Power HD
Servo model	B7

SHOCKS

	FRONT	REAR
Bodies	Kashima	Kashima
Caps	Aeration	Aeration
Limiters - ext	0 mm	0 mm
Limiters - int	0 mm	0 mm
Oil weight	550 cst	400 cst
Pistons	3 x 1.5mm - White	3 x 1.6mm - Black
Springs	HR 4.0lb Black	Hi-response 2.6lb Black

Shock oil brand: CORE

DRIVETRAIN

Clutch pads	3
Differential fluid	20,000 cst
Differential fluid brand	Core
Differential type	2-gear
Drive ratio - internal	2.53
Drive type	Slipper
Driveshafts	Universal
Gearbox	Laydown
Spur	76 teeth

BODY & CHASSIS

	FRONT	REAR
Wing	–	Kit

Battery position	6
Body	Kit
FLEX	
Chassis	Alloy
Cross brace	None
Motor plate	Aluminum
Radio tray position	3 - Front
Weights: standard	Chassis - F, Radio tray, Under LiPo