Schumacher Cougar LD3

Setup: World of RC · Raul Garcia (Schumacher) · Feb 18, 2025

so dialed
Open/save in RC Setup App →

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EVENT	
Event	Club

TRACK	
Track	World of RC
Type	Indoor clay
Grip / moisture	High / Wet
Surface / layout	Smooth / Medium
Air temp	65°F (18°C)
Track temp	55°F (13°C)

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	2 mm
Steering arms	Kit
Anti-roll bar	1.0 mm
Arms	Medium
Axle height: hub shims	0 mm
Bump steer: outer steering link shims	1 mm
Camber	-1 degrees
CAMBER LINK	
Inner location	3 - Out
Inner mount	S2
Inner shims	4 mm
Outer location	A Out
Center track rod	Standard
Center track rod stud location	2
Pivot block	Alloy
Pivot block height	+1 mm
Ride height	18 mm
Shock tower	S2
SHOCKS	
Arm mounts	B - Out
Tower mounts	3
Steering blocks	Alloy
Steering crank mount location	2 - Out
Toe	0 degrees
Track: wheel hexes	0 mm
WHEELBASE	
Arm orientation	+0 mm
Chassis insert	+5 mm
Hub shims	+1.5 mm
Yokes	5 deg alloy

NOTES Ceramic bearings
Used Tekno 5.5 ball stud on aluminum camber link mount/kept bending ball studs

REAR SUSPENSION

Anti-roll bar	0 mm
Anti-squat: strap spacer	1 degrees
Arm length	2 - Long
Arms	Medium
Camber	-1 degrees
CAMBER LINK	
Inner location	2 - Outside
Inner shims	2.5 mm
Outer location	Inboard - back mid
Outer shims	0
Differential height	Low mm
Hub height: insert orientation	Low
Hub inserts	E
Hubs	Alloy
Ride height	18 mm
Shock location	Front of arm
Shock tower	S2
SHOCKS	
Arm mounts	B - Mid
Tower mounts	2
Toe: arm mount inserts	3.5 degrees
Track: wheel hexes	-2 mm
Wheelbase: hub shims	+0 mm

NOTES V2 Alloy link mount
Alloy rear hubs
Ceramic bearings

TIRES

	FRONT	REAR
Tire brand / type	Rawspeed Slick	Rawspeed Slick
Tire inserts	Rawspeed	Rawspeed
Wheel brand / type	Rawspeed	Rawspeed

SHOCKS

	FRONT	REAR
Bodies	Kashima	Kashima
Caps	Sealed	Sealed
Limiters - ext	0 mm	0 mm
Limiters - int	0 mm	0 mm
Oil weight	550 cst	450 cst
Pistons	2x1.8 molded	2x1.9 molded
Springs	4.0lb Black	2.2lb Green
Shock oil brand	CORE	

NOTES Use soft bladders

DRIVETRAIN

Clutch pads	2
Differential fluid	3,000 cst
Differential fluid brand	Core
Differential type	2-gear
Drive ratio - internal	2.53
Drive type	Slipper
Driveshafts	CVD
Gearbox	Layback
Pinion	26 teeth
Spur	78 teeth

NOTES Aluminum V2 Gear diff
Ti slipper shaft
Ceramic bearings

BODY & CHASSIS

	FRONT	REAR
Wing	–	Kit
Battery position	5	
Body	Kit	
FLEX		
Chassis	Alloy	
Cross brace	None	
Motor plate	Aluminum	
Radio tray position	2 - Mid	
Screws & turnbuckles	Ti turnbuckles B7 Ball cups and studs	
Weight: total	1492 g	

ELECTRONICS

Battery brand	**Gens Ace**
Battery capacity	**4000 mAh**
Battery model	**Redline ULG**
ESC brand	**ZTW**
ESC model	**Turbo Beast G2 160a B/T**
Motor brand	**Surpass V6**
Motor model	**V6**
Motor timing	**40 degrees**
Motor wind	**17.5 turns**
Radio brand	**Futaba**
Radio EPA brake	**55 %**
Radio EPA throttle	**115 %**
Radio model	**7PX**
Receiver brand	**Futaba**
Receiver model	**304sbe antenna less**
Servo brand	**AgFRC**
Servo model	**SA33**
Transponder ID	**MRT**

ESC SETTINGS

BRAKE

Drag	**15 %**
Frequency	**18 kHz**
Race mode	**Blinky**

THROTTLE

Frequency	**10 kHz**
Neutral range	**3 %**

NOTES No fan