Schumacher Cougar Laydown

Setup: My dry Base Setup · Alex Carter (Schumacher Racing) · Apr 21, 2022

so dialed
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EVENT	
Event	National '19
Class	2wd

TRACK	
Track	Stotfold
Type	Outdoor astroturf
Grip / moisture	Medium / Dry
Surface / layout	Medium / Medium
Air temp	25°C (77°F)
Track temp	27.5°C (82°F)

RESULTS	
Race type	Main
Finish	8th

FRONT SUSPENSION

Anti-roll bar	None
Arms	Kit
Axle height (steering block spacers)	High
Camber	-1 degrees
Camber link mount	Kit
CAMBER LINK	
Inner stud location	1 - Inside
Inner stud spacers	1 mm
Outer stud location	A - Inside
Outer stud spacers	0 mm
FR (B) mount	Kit
Hub carrier / yoke	5 degree
Ride height	17 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle
Steering block	Aluminum
STEERING LINK	
Inner stud location	1 - Front
Inner stud spacers	1 mm
Outer stud spacers	2 mm
Toe	+0.5 degrees
Tower	Kit
Wheel hex	-0.75mm
Wheelbase (hub carrier spacers)	+1.5mm

TIRES

	FRONT	REAR
Tire brand / type	Schumacher slim non cut staggers, low profile yellow	–
Tire compound	Yellow	Yellow
Tire insert	None	Blue medium

REAR SUSPENSION

Anti-roll bar	1.1mm
Anti-squat (strap spacer)	4 degrees
Arm length (track)	Long
Arms	Kit
Axle height (hub insert)	High (low pin)
Camber	-1.5 degrees
Camber block	Kit
CAMBER LINK	
Inner stud location	2 - Outside
Inner stud spacers	2 mm
Outer stud location	Alum hub: D - Middle
Outer stud spacers	3
Differential height	Low mm
Hub	Aluminum
Pin height (roll center)	Low
Ride height	17 mm
RR (D) mount	Kit
Shock location	Front of arm
Shock top standoff spacing	1 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3 - Middle
Toe (RF/RR mount inserts)	-2.0 degrees
Tower	Kit
Wheel hex	3.00mm
Wheelbase (hub spacers)	Medium long - 1mm shin at the back

ELECTRONICS

Battery brand	LRP
Battery capacity	4000 mAh
Battery model	LRP
ESC brand	LRP
ESC model	Flow X off road
Motor brand	LRP
Motor model	X22 7.0
Motor timing	30 degrees
Motor wind	7 turns
Radio brand	Sanwa/Airtronics
Radio EPA throttle	95 %
Radio model	M12
Receiver brand	Sanwa/Airtronics
Receiver model	Sanwa
Servo brand	KO RSX3
Servo model	Response

SHOCKS

	FRONT	REAR
Bodies	Kashima coated	Kashima coated
Caps	Aeration	Aeration
Limiters (external)	O ring x1	0
Limiters (internal)	0	0
Oil weight	500 cst	400 cst
Pistons	2x1.5 and 1x1.4	2x2.0 tapered
Springs	High response orange	CORE Green
Stroke	23 mm	28 mm
Shock oil brand	CORE	

DRIVETRAIN

Clutch pads	2
Differential fluid	7,000 cst
Differential fluid brand	Core rc
Differential type	4-gear
Drive type	Slipper
Driveshafts	Universal
Pinion	22 teeth
Spur	80 teeth

BODY & CHASSIS

	FRONT	REAR
Wing	–	Kit
Battery position		0mm (posts back / batt back)
Body		Penguin Dart
Chassis sidepods		Kit
Cross brace		None
Front wing location		None
Motor plate		Kit
Weight: electronics plate		30 g