RC MAKER SP1

Setup: B b starting Setup · Justin Dunagan · Nov 22, 2026

so dialed
Open/save in RC Setup App →

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EVENT	
Class	tc

TRACK	
Type	Indoor carpet
Grip / moisture	Medium/High / Dry
Surface / layout	Smooth / Tight
Air temp	70°F (21°C)
Track temp	65°F (18°C)

FRONT SUSPENSION

Ackermann: inner steering link shims	0.5 mm
Anti-roll bar	1.2 mm
Axle height: steering block shims	0.5 mm
Bump steer: outer steering link shims	1 mm
Camber	-2 degrees
Caster	4 degrees
Differential height	Low
Droop	22.6 mm
Hub stiffener screw	Yes
Lower arm FF shims	1 mm
Lower arm FR shims	1 mm
Ride height	5 mm
ROCKER LINKS	
Arm shims	2 mm
Inner shims	1 mm
Steering lock - in/out	- / - degrees
Toe	-1 degrees
TRACK	
Wheel hexes	4 mm
Wheel shims	0 mm
Upper arm FF shims	2 mm
Upper arm FR shims	2 mm
Upper arms: outer shims	1 mm

ELECTRONICS

Battery brand	Cayote
Battery model	Ulcg

REAR SUSPENSION

Anti-roll bar	1.1 mm
Axle height: steering block shims	0.5 mm
Camber	-2 degrees
Caster	-2 degrees
Differential height	High
Hub stiffener screw	Yes
Lower arm RF shims	1 mm
Lower arm RR shims	1 mm
ROCKER LINKS	
Arm shims	2 mm
Inner shims	1 mm
Toe	2 degrees
TOE LINK	
Inner shims	3 mm
Outer shims	3 mm
TRACK	
Wheel hexes	4 mm
Wheel shims	0
Upper arm RF shims	1.5 mm
Upper arm RR shims	1.5 mm
Upper arms: outer shims	1 mm

NOTES Started with 2mm upper arm shims dropped to 1mm then found 1.5mm gave the best rotation for tight track

TIRES

	FRONT	REAR
Tire additive time	7 mins wipe 3mins before race min	–
Tire brand / type	Sweep	–
Tire compound	Medium 32	–
Tire insert	Factory	–
Wheel brand / type	Sweep	–

SHOCKS

	FRONT	REAR
Bodies	Kit	Kit
Oil weight	350 cst	400 cst
Pistons	4 x 1.1mm	4 x 1.1mm
Springs	C2.4	C2.6
Stroke	7.5 mm	8.5 mm

DRIVETRAIN

Belts	Kit
DIFFS	
Front fluid	Spool cst
Front type	Spool
Rear fluid	6,000 cst
Drive ratio - final	4.7
Drive ratio - internal	1.9
Driveshafts - front	Double cardan
Driveshafts - rear	Standard
Gear pitch	64
Pinion	38 teeth
Spur	95 teeth

NOTES Tried 6k diff but think it over filled as rear felt notchy. Rebuilt with 5k needed to up cst as grip came up

BODY & CHASSIS

Body post orientation	Horizontal
Bumper	Kit
FLEX	
Center weight screws	2, 3, 5
Chassis	Steel
Front bulkhead brace	Medium
Motor mount screws	3, 4
Upper bulkhead - F	2-piece
Upper deck	2.2mm Carbon
Weight balance - F/R	50 / 50 %
Weight: total	1300 g
Weights	8grams R3 15 grams r4 16 grams r7

NOTES Broke front bulkhead flex brace cut custom bulkhead stiffness made front alot more responsive