3Racing Cero FWD

Setup: November 24 HRCC Club · Dan Bailey · Nov 28, 2024

so dialed
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EVENT		TRACK		RESULTS	
Event	Club Saturday 9 Nov 24	Track	HRCC	Race type	Main
Class	Frontie 5.0 FDR	Type	Indoor carpet	Race number	B
		Grip / moisture	Medium/High / Dry	Finish	5th
		Surface / layout	Smooth / Tight/Medium	Best lap	9.15 s
				Average lap	9.61 s

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Outer steering link location	Middle
Anti-roll bar	1.1 mm
Bump steer: outer steering link shims	5.5 mm
Camber	-1.5 degrees
CAMBER LINK	
FF mount shims	1 mm
FR mount shims	1 mm
Outer shims	3 mm
Caster	6 degrees
Differential height	High
Downstop	5.6 mm
LOWER ARMS	
FF mount shims	1 mm
FR mount shims	2 mm
Ride height	5.2 mm
Shocks: tower shims	0 mm
Toe	-1 degrees
Track width	188 mm
Track: wheel hexes	3 mm
Twist bar orientation	Vertical

ELECTRONICS

Battery brand	Corally
Battery C rating	120 C
Battery capacity	4200 mAh
Battery model	Shorty
ESC brand	Hobbywing
ESC model	XR10 Justock
ESC settings	17,500 rpm Punch - 4 Drag brake 30%
Motor brand	Hobbywing
Motor model	Justock FTM
Motor wind	17.5 turns
Steering servo brand	Power HD
Steering servo model	D12

NOTES EXP -60
Full lock 22 degrees

REAR SUSPENSION

Anti-roll bar	1.0 mm
ARS LINK	
Outer location	4
Outer shims	6 mm
Camber	-2 degrees
CAMBER LINK	
Outer shims	3 mm
RF mount shims	1 mm
RR mount shims	1 mm
Caster	Kit degrees
Downstop	5.0 mm
LOWER ARMS	
RF mount shims	2 mm
RR mount shims	2 mm
Ride height	5.4 mm
Shocks: tower mount shims	0 mm
Toe	2 degrees
Track width	187 mm
Track: wheel hexes	3 mm
Twist bar orientation	Vertical

TIRES

	FRONT	REAR
Tire brand / type	Ride TR09	Ride TR09
Wheel brand / type	24/25 Rug Racers	24/25 Rug Racers

Tire prep: Brake cleaner after run. MR33 15 mins before race front and rear.

ESC SETTINGS

BRAKE	
Drag	20 %
Initial strength	Drag %

SHOCKS

	FRONT	REAR
Bladder foam	No	No
Oil weight	450 cst	350 cst
Pistons	4 x 1.0mm	4 x 1.0mm
Rebound	0 %	0 %
Shock length	45 mm	45 mm
Springs	2.5-2.8	2.75C Orange
Stroke	10 mm	10 mm

Shock oil brand: CORE

DRIVETRAIN

Differential fluid	500,000
Differential type	Gear
Drive ratio - final	5.0
Drive ratio - internal	1.9
Driveshafts	SSK
Gear pitch	64
Pinion	38 teeth
Spur	100 teeth

BODY & CHASSIS

Body	Blitz MK9 0.7mm
Body posts - rear	Horizontal
Body shield shims - F	3 mm
Bumper	TPU
Bumper holder screws	No
Chassis	Graphite
Motor mount screws	1 - Front, 2, 3, 4
Upper deck screws	1 - Front, 4, 5, 6, 10
Weight balance - F/R	65 / 35 %
Weight: total	1290 g
Wheelbase	257 mm