3Racing Cero Sport M FWD

Setup: MTC National Stevenage · Adam Burgess · Nov 8, 2026

so dialed
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EVENT		TRACK		RESULTS	
Event	MTC Nationals R8	Track	Indoor Raceway Stevenage	Race type	Main
Class	2wd MTC	Type	Indoor carpet	Laps / time	20 / 313.28
		Grip / moisture	Medium/High		
		Surface / layout	Smooth / Open		

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Outer steering link location	Mid - Ultra arms
Anti-roll bar	1.2 mm
Bump steer: outer steering link shims	3 mm
Camber	-1 degrees
Caster	4 degrees
Differential height	High
Downstop	23.4 mm
LOWER ARMS	
FF mount shims	1 mm
FR mount shims	1 mm
Ride height	5.0 mm
Shocks: tower shims	1 mm
Toe	-1 degrees
Track: wheel hexes	4 mm
Twist bar orientation	Horizontal
UPPER ARMS	
FF mount shims	0 mm
FR mount shims	0 mm
Outer shims	0 mm

NOTES Cero Zero Hubs - 0.5mm shim to raise axle height.
Multi-link top arms - Long (ball studs in the bulkhead).
Droop measured using Aerox droop gauge on the smaller part of the setup wheels

ELECTRONICS

Battery brand	Intellect Pioneering
Battery C rating	120 C
Battery capacity	4800 mAh
ESC brand	Hobbywing
ESC model	XR10 Justock G3
Motor brand	Hobbywing
Motor model	Justock G2.1
Motor wind	17.5 turns
Radio brand	Futaba
Radio model	T4GRS
Steering servo brand	SRT
Steering servo model	CH6012

REAR SUSPENSION

Anti-roll bar	1.1 mm
ARS LINK	
Outer location	Front
Outer shims	3 mm
Camber	-1.5 degrees
Caster	4 degrees
Downstop	23.8 Aerox mm
LOWER ARMS	
RF mount shims	3 mm
RR mount shims	3 mm
Ride height	5.2 mm
Shocks: tower mount shims	0 mm
Toe	2 degrees
Track: wheel hexes	4 mm
Twist bar orientation	Horizontal
UPPER ARMS	
Outer shims	0 mm
RF mount shims	0 mm
RR mount shims	0 mm

NOTES Cero Zero Hubs - 0.5mm shim to raise axle height.
Multi-link top arms - Long (ball studs in bulkheads)

TIRES

	FRONT	REAR
Tire additive	MR33 V4	MR33 V4
Tire brand / type	Rush	Rush
Tire compound	28	24

SHOCKS

	FRONT	REAR
Bladder foam	No	No
Oil weight	500 cst	400 cst
Pistons	4 x 1.1mm	4 x 1.1mm
Rebound	0 %	0 %
Springs	2.4 - 2.7 progressive	2.8C Green
Shock oil brand	CORE	

DRIVETRAIN

Differential fluid	500,000 cst
Differential type	Gear
Drive ratio - final	3.8
Drive ratio - internal	1.9
Driveshafts	SSK (Cero axle & M07 shaft)
Gear pitch	48
Pinion	36 teeth
Spur	72 teeth

BODY & CHASSIS

Body	Montech Civic
Bumper	Kit
FLEX	
Chassis	Graphite
Motor mount screws	1 - Front, 2, 3, 4
Upper deck	225mm
Upper deck screws	1 - Front, 2, 5, 6, 9, 10
Weight balance - F/R	59 / 41 %
Weight: total	1220 g
Wheelbase	225 mm

NOTES Ultra bulkheads & tops, servo mount and layshaft pulley