Mugen MTC2

Setup: AMCA 2021-02-27 Mugen Mtc2 · Gijs K. Van Den Berg · Jul 24, 2022

so dialed
Open/save in RC Setup App →

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TRACK

Track	Amca
Type	Outdoor asphalt
Grip / moisture	Medium / Dusty
Surface / layout	Smooth / Open
Air temp	10°C (50°F)
Track temp	17°C (63°F)

RESULTS

Best lap	178 s

FRONT SUSPENSION

Anti-roll bar	1.1mm (#A2153/11)
Camber	-2 degrees
Downstop	5,6 mm
Lower arm FF spacers	1.5
Lower arm FR spacers	2.0
Lower arms	Kit
Ride height	5,5 mm
Servo horn length	17 mm
Servo horn shims	4 mm

SHOCKS

Arm mount location	B - Outside
Upper mount spacers	2.0
Steering angle - in/out	26/26 degrees
Steering arms	Kit

STEERING LINK

Inner stud spacers	1.0 mm
Outer stud location	A - Back
Outer stud spacers	4.0 mm
Steering: Ackermann shims	1.0 mm
Toe	+1.5 degrees
Upper arm FF spacers	2.0
Upper arm FR spacers	2.0
Upper arm position (caster)	4 degrees
Upper arms	Kit (#A2148A/B)
Upright spacers (up/down)	2,0- / 0 mm
Wheel hex	+4mm

REAR SUSPENSION

Anti-roll bar	1.0mm (#A2153/10)
Camber	-2 degrees
Caster (upper arm position)	-3 degrees
Downstop	4,6 mm
Lower arm RF spacers	1.5
Lower arm RR spacers	1.5
Lower arms	Kit
Ride height	6,0 mm

SHOCKS

Arm mount location	A - Inside
Upper mount spacers	2.0
Toe	-3.0
Toe link: outer stud spacers	3.0 mm
Upper arm RF spacers	3.0
Upper arm RR spacers	3.0
Upper arms	Kit (#A2148A/B)
Upright spacers (up/down)	2,0 / 0,5 mm
Wheel hex	+4.5mm

BODY & CHASSIS

Battery position	Rear
Chassis	Graphite
Flex plate screws	All
Motor mount screws	All
Rear wing position	+0mm
Upper deck	2mm
Upper deck screws	All

SHOCKS

	FRONT	REAR
Oil weight	400 cst	400 cst
Pistons	4 x 1.3mm	4 x 1.3mm
Rebound	0 %	0 %
Springs	6.5P	6.5T medium-soft
Stroke	10 mm	10 mm

Shock oil brand	Mugen Seiki

DIFFERENTIALS

	FRONT	REAR
Diff fluid	–	6,000 cst

Front diff type	Solid axle
Rear diff oil mass	1.3-1.6 g

DRIVETRAIN

Drive ratio - internal	1.9
Driveshafts - front	Universal
Driveshafts - rear	CV
Gear pitch	48
Pinion	30 teeth
Spur	71 teeth

ELECTRONICS

Battery brand	Intellect Pioneering
Battery C rating	120c
Battery capacity	10000 mAh
Motor brand	Muchmore
Motor Kv constant	3640 Kv
Motor model	V2 13,5
Motor wind	13.5 turns
Radio brand	Futaba
Radio EPA steering	64 %
Radio EPA throttle	102 %
Receiver brand	Futaba
Transponder ID	9476539