Mugen MTC2

Setup: Mugen Carpet, Aluminum - EU · Joel D (So Dialed) · Jul 24, 2022

so dialed
Open/save in RC Setup App →

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TRACK

Track	RCL Heilbronn
Type	Indoor carpet
Grip / moisture	Medium / Dry
Surface / layout	Medium / Tight

FRONT SUSPENSION

Anti-roll bar	1.1mm (#A2153/11)
Axle height: upright spacers - up/down	2 / 0.5 mm
Camber	-2 degrees
Downstop	6 mm
Lower arm FF spacers	1
Lower arm FR spacers	1
Lower arms	Kit
Ride height	5.1 mm
Servo horn length	18.5 mm
Servo horn shims	6 mm
Shock tower	Standard
SHOCKS	
Arm mount location	B - Outside
Upper mount spacers	3.0
Steering angle - in/out	25 / 16 degrees
Steering arms	Kit
Steering link: outer stud spacers	2.0 mm
Steering: Ackermann shims	1.0 mm
Toe	+1.25 degrees
Upper arm FF spacers	1.5
Upper arm FR spacers	1.5
Upper arm position (caster)	4 degrees
Upper arms	Kit (#A2148A/B)
Wheel hex	+4mm

REAR SUSPENSION

Anti-roll bar	1.1mm (#A2153/11)
Axle height: upright spacers - up/down	1.5 / 1.5 mm
Camber	-2 degrees
Caster: upper arm position	-4 degrees
Downstop	4 mm
Lower arm RF spacers	1.0
Lower arm RR spacers	1.0
Lower arms	Kit
Ride height	5.3 mm
Shock tower	Standard
SHOCKS	
Arm mount location	A - Inside
Upper mount spacers	4.0
Toe	-2.75 degrees
TOE LINK	
Outer stud location	B - Back
Outer stud spacers	3.0 mm
Track: wheel hexes	+4.5mm
Upper arm RF spacers	1.0
Upper arm RR spacers	1.0
Upper arms	Kit (#A2148A/B)

TIRES

	FRONT	REAR
Tire additive	MR33v4	MR33v4
Tire brand / type	Volante 28	Volante 28
Tire prep	Additive: 10min	Additive: 10min

SHOCKS

	FRONT	REAR
Oil weight	400 cst	400 cst
Pistons	4 x 1.3mm	4 x 1.3mm
Springs	6.5T medium-soft	6.25T medium
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

BODY & CHASSIS

Battery position	Rear
Body	Twister
BODY HEIGHT	
Front	47 mm
Rear	48 mm
Body to chassis distance	52.5 mm
Chassis	Aluminum
Flex plate screws	None
Motor mount screws	3, 4 from front
Rear wing	Twister
Rear wing position	+0mm
Upper deck	2mm
Upper deck screws	All
Weight distribution hole	3 - Middle