Mugen MTC2

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

so dialed
Open/save in RC Setup App →

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TRACK

Track	Arena33
Type	Outdoor asphalt
Grip / moisture	Medium / Dry
Surface / layout	Medium / Medium

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	0
Lower arms	Kit
Ride height	5 mm
Servo horn length	18.5 mm
Servo horn shims	6 mm
Shock tower	Standard
SHOCKS	
Arm mount location	B - Outside
Upper mount spacers	2.0
Steering angle - in/out	- / - degrees
Steering arms	Kit
Steering link: outer stud spacers	4.0 mm
Steering: Ackermann shims	2.0 mm
Toe	+1 degrees
Upper arm FF spacers	2.5
Upper arm FR spacers	2.5
Upper arm position (caster)	5 degrees
Upper arms	Kit (#A2148A/B)
Wheel hex	+4mm

REAR SUSPENSION

Anti-roll bar	1.1mm (#A2153/11)
Axle height: upright spacers - up/down	2 / 0.5 mm
Camber	-2 degrees
Caster: upper arm position	-4 degrees
Downstop	4.6 mm
Lower arm RF spacers	2.5
Lower arm RR spacers	2.5
Lower arms	Kit
Ride height	5.5 mm
Shock tower	Standard
SHOCKS	
Arm mount location	A - Inside
Upper mount spacers	2.0
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	2.5
Upper arm RR spacers	2.5
Upper arms	Kit (#A2148A/B)

TIRES

	FRONT	REAR
Tire additive	MR33	MR33
Tire brand / type	Volante V8	Volante V8
Tire prep	Additive: 15min Warmer: 70C	Additive: 15min Warmer: 70C

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	44.9 mm
Body to chassis distance	52.5 mm
Chassis	Graphite
Flex plate screws	All
Motor mount screws	Front 2
Rear wing	Twister
Rear wing position	+0mm
Upper deck	2mm
Upper deck screws	All
Weight distribution hole	4 - Mid-rear