Mugen MTC2

Setup: DC-RC Second · Rick · Nov 30, 2022

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TRACK

Track	DC RC Internation Circuit, Taiwan
Type	Indoor carpet
Grip / moisture	High
Surface / layout	Smooth / Medium
Air temp	32.5°C (91°F)

FRONT SUSPENSION

Anti-roll bar	1.1mm (#A2153/11)
Axle height: upright spacers - up/down	- / - mm
Camber	-1.5 degrees
Downstop	6 mm
Lower arm FF spacers	0
Lower arm FR spacers	0
Lower arms	Kit
Ride height	5 mm
Servo horn length	18.5 mm
Shock tower	Standard
Shocks: upper mount spacers	2.0
Steering angle - in/out	- / - degrees
Steering arms	Kit
Toe	-1 degrees
Upper arms	Kit (#A2148A/B)
Wheel hex	+4mm

REAR SUSPENSION

Anti-roll bar	1.1mm (#A2153/11)
Axle height: upright spacers - up/down	- / - mm
Camber	-1 degrees
Downstop	4 mm
Lower arms	Kit
Ride height	5.4 mm
Shock tower	Standard
Shocks: upper mount spacers	4.0
Toe	-2.0 degrees
Track: wheel hexes	+4.5mm
Upper arms	Kit (#A2148A/B)

DRIVETRAIN

Drive ratio - final	3.72
Drive ratio - internal	1.9
Driveshafts - front	Universal
Driveshafts - rear	CV
Gear pitch	64
Pinion	47 teeth
Spur	92 teeth

SHOCKS

	FRONT	REAR
Oil weight	400 cst	400 cst
Pistons	4 x 1.3mm	4 x 1.3mm
Springs	7.0 Progressive	6.75 Progressive
Stroke	10 mm	10 mm
Shock oil brand	Mugen Seiki	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	–	10,000 cst
Front diff type	Solid axle	
Rear diff oil mass	1.3-1.6 g	

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