Mugen MTC2

Setup: Low - med grip set · Dec 10, 2022

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TRACK

Track	Boronia - BRCCC
Type	Outdoor asphalt
Grip / moisture	Low/Medium
Surface / layout	Medium / Tight/Medium

FRONT SUSPENSION

Anti-roll bar	1.1mm (#A2153/11)
Axle height: upright spacers - up/down	2 / 0 mm
Camber	-1.5 degrees
Caster	4 degrees
Downstop	5.8 mm
Lower arm FF spacers	0 mm
Lower arm FR spacers	0 mm
Lower arms	Kit
Ride height	5.2 mm
Servo horn length	18.5 mm
Shock tower	Standard
SHOCKS	
Arm mount location	B - Outside
Upper mount spacers	3.5 mm
Steering angle - in/out	- / - degrees
Steering arms	Kit
STEERING LINK	
Inner stud spacers	1.0 mm
Outer stud location	A - Back
Outer stud spacers	3.0 mm
Steering: Ackermann shims	1.0 mm
Toe	-1 degrees
Track: wheel hexes	+4mm
Upper arm FF spacers	0.5 mm
Upper arm FR spacers	0.5 mm
Upper arms	Kit (#A2148A/B)

ELECTRONICS

Battery brand	NOSRAM
Battery capacity	7400 mAh
Battery model	Stock Spec
ESC brand	Hobbywing
ESC model	XR10 Pro
Motor brand	Hobbywing
Motor model	G4
Motor timing	48 degrees
Motor wind	13.5 turns
Radio brand	Sanwa/Airtronics
Radio model	M17
Steering servo brand	MKS Servos

NOTES 10amp charge

REAR SUSPENSION

Anti-roll bar	1.1mm (#A2153/11)
Axle height: upright spacers - up/down	2.5 / 0 mm
Camber	-1.5 degrees
Caster	-3 degrees
Downstop	4.4 mm
Lower arm RF spacers	2.0 mm
Lower arm RR spacers	2.0 mm
Lower arms	Kit
Ride height	5.8 mm
Shock tower	Standard
SHOCKS	
Arm mount location	B - Outside
Upper mount spacers	4.0 mm
Toe	2.5 degrees
TOE LINK	
Outer stud location	B - Back
Outer stud spacers	3.5 mm
Track: wheel hexes	+4mm
Upper arm RF spacers	1.5 mm
Upper arm RR spacers	1.5 mm
Upper arms	Kit (#A2148A/B)

BODY & CHASSIS

Battery position	Rear
Body	Wolverine
Chassis	RCMAKER
Flex plate screws	1 - Front, 2, 3, 4 - Sides
Motor mount screws	1 - Front, 2
Rear wing position	+0mm
Upper deck	2-piece
Upper deck screws	1 - Front, 2, 3, 4, 5
Weight: total	1325 g

SHOCKS

	FRONT	REAR
Oil weight	35 wt	35 wt
Pistons	4 x 1.3mm	4 x 1.3mm
Springs	7T progressive	6.75T soft
Stroke	10 mm	10 mm

Shock oil brand: AXON

NOTES Front bypass shocks

DIFFERENTIALS

	FRONT	REAR
Diff fluid	–	6,000 cst

Diff fluid brand	Axon
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	64
Pinion	42 teeth
Spur	100 teeth

TIRES

	FRONT	REAR
Tire brand / type	Solaris	Solaris