Mugen MTC3

Setup: Deventer club · Bob Romijn · Aug 17, 2025

so dialed
Open/save in RC Setup App →

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EVENT	
Event	Club comp 6
Class	Modified

TRACK	
Track	RC Hotwheels Deventer
Type	Outdoor asphalt
Grip / moisture	Medium / Dry
Surface / layout	Smooth / Tight
Air temp	20°C (68°F)

RESULTS	
Race type	Main
Race number	A
Finish	1st
Best lap	15.954 s
Average lap	16.659 s

FRONT SUSPENSION

ACKERMANN	
Inner steering link position	Front
Outer steering link location	In
Anti-roll bar	1.3 mm
Axle height: upright shims	0.5
Bump steer: outer steering link shims	3 mm
Camber	-1 degrees
Caster	3 degrees
Diff height	High
Droop	22.6
KPI: steering arms	A
Lower arms	Standard
LOWER ARMS	
FF shims	0 mm
FR shims	0.5 mm
Ride height	4.8 mm
Servo horn length	17 mm
SHOCKS	
Arm mounts	Outside
Tower type	Fixed
Upper ball	Horizontal
Upper position	2 mm
Steering angle - in/out	- / 16 degrees
Toe	-1.25 degrees
Track: wheel hexes	+0 mm
UPPER LINKS	
FF shims	0.5 mm
FR shims	0.5 mm
Outer shims	4 mm

REAR SUSPENSION

Anti-roll bar	1.1 mm
Axle height: upright shims	1 mm
Camber	-2 degrees
Caster	-2 degrees
Diff height	High
Downstop	21.6 mm
LOWER ARMS	
RF shims	0.5 mm
RR shims	2.5 mm
Ride height	5.2 mm
SHOCKS	
Arm mounts	In
Tower type	Active
Upper ball	Horizontal
Upper position	2 mm
Toe	2 degrees
Toe link: outer shims	3 mm
Track: wheel hexes	+0.5 mm
UPPER LINKS	
Outer shims	2 mm
RF shims	2 mm
RR shims	2 mm

SHOCKS

	FRONT	REAR
Oil weight	400 cst	400 cst
Pistons	4 x 1.1mm	4 x 1.1mm
Springs	4.5T	4.25T
Stroke	7.5 mm	7.5 mm
Shock oil brand	Mugen Seiki	

DRIVETRAIN

Belt tension - F	Weak 1
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Diff fluid	7,000 cst
Diff fluid mass	1.5 g
Diff outdrives	Standard
Drive ratio - internal	1.9
Driveshafts - front	Double-jointed
Driveshafts - rear	CV
Gear pitch	64
Outdrives	Standard

BODY & CHASSIS

FLEX	
Chassis	1.5mm Alum
Motor mount screws	1 - Front, 2, 3, 4
Upper decks	F: 2.0mm (#A2179/20) R: 2.2mm (#A2179/22)
Weight balance - F/R	50 / 50 %
Weight: total	1300 g