Yokomo MO2.0

Setup: Elite Race 2023 · Javi Sautua · Dec 22, 2023

so dialed
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EVENT	
Event	Elite Race 2023
Class	4wd mod

TRACK	
Track	Elite Race
Type	Indoor carpet
Grip / moisture	Medium/High / Dry
Surface / layout	Smooth / Medium/Open
Air temp	15°C (59°F)

RESULTS	
Race type	Main
Race number	A
Finish	9th
Best lap	25.9 s

FRONT SUSPENSION

ACKERMANN	
Inner steering link location	3
Outer steering link location	Back
Anti-roll bar	2.0mm no stripe
Arms	Graphite
Axle height	High
BUMP STEER	
Inner steering link shims	4 mm
Outer steering link shims	0 mm
Camber	-2 degrees
CAMBER LINK	
Inner location	In - down
Outer location	In
Outer shims	2 mm
Caster	8 degrees
Differential height	+2mm (F2)
FF mount inserts	1 down and in
FR mount inserts	1 up and in
Hub carriers	Plastic
Ride height	14 mm
Shock tower shim	Kit
SHOCKS	
Arm mounts	In
Tower mounts	Out
Steering bellcrank arm	Dot1 (MO Series)
Steering bellcrank arm: stud location	Back
Steering blocks	Plastic
Toe	0.5 degrees
Track: wheel hexes	5 mm
WHEELBASE	
Arm shims	Short
Hub carrier shims	Short

ELECTRONICS

Battery brand	Intellect IP
Battery capacity	4400 mAh
Battery model	LCG
ESC brand	Maclan
ESC model	M32t pro
Motor brand	Maclan
Motor model	V3m
Motor rotor diameter	12.2 mm
Motor timing	30 degrees
Motor wind	6.5 turns
Radio EPA steering	100 %
Radio EPA throttle	100 %

REAR SUSPENSION

Anti-roll bar	1.9mm 1 bar 4 stripe
Arms	Graphite
Axle height: hub inserts	+1.0mm (0.5 down)
Camber	-2 degrees
CAMBER LINK	
Inner location	In - mid-down
Outer location	In
Outer mount orientation	Outward
Outer mount shims	1 mm
Outer shims	2 mm
Differential height	+2mm (R2)
Hubs	Plastic
RF mount inserts	0 center
RF mount shims	2 mm
Ride height	14 mm
RR mount inserts	1 up and in
RR mount shims	2 mm
Shock tower shim	Kit
SHOCKS	
Arm mounts	In
Tower mounts	Out
Track: wheel hexes	5 mm
WHEELBASE	
Arm shims	Long
Hub shims	Medium

BODY & CHASSIS

	FRONT	REAR
Wing	–	Gokuraku Straight

Battery position	Forward
Body	Kit
Center mount position	Forward
FLEX	
Chassis	Kit
Chassis brace plates	Front, Rear
Chassis brace screws	All
Rear wing angle	High degrees
Screws & turnbuckles	Ti

SHOCKS

	FRONT	REAR
Eyelets	Short	Medium
Limiters - ext	0 mm	0 mm
Limiters - int	0 mm	0 mm
Oil weight	550 cst	400 cst
Pistons	2 x 1.6mm / 2 x 2.0mm	2 x 1.7mm / 2 x 2.0mm
Springs	Dot7 6.5T	Dot6 10T
Stroke	20.5 mm	27 mm

Shock oil brand: Yokomo

NOTES Try 18/26 droop next time

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	10,000 cst
Diff type	4-gear	4-gear

Diff fluid brand: Yokomo

DRIVETRAIN

Drive ratio - internal	2.5
Drive type	One way slipper
Driveshafts - front	Universal
Driveshafts - rear	Universal
Pinion	20 teeth
Slipper tightness	Slight slippage mm
Spur	80 teeth

NOTES 9.2mm one way tightness

TIRES

	FRONT	REAR
Tire brand / type	Schumacher cactus fusion 2	Schumacher cactus
Tire compound	Yellow	Yellow
Tire inserts	Schumacher rear med	Schumacher rear med
Wheel brand / type	Yokomo	Yokomo

NOTES Front tire sidewall glued