Mugen MBX8 Worlds Edition

Setup: My Base Setup · Cody Babbitt · Mar 10, 2022

so dialed
Open/save in RC Setup App →

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FRONT SUSPENSION

Anti-roll bar	2.3mm
Camber	-2 degrees
Droop	104 mm
FF (A) mount inserts	Middle
FR (B) mount inserts	Middle
Hub carrier	0 trail
LOWER ARM	
Pillow ball spacers	1.0 mm
Pillow balls	Steel
Stiffeners	1.0mm Carbon fiber
Ride height	25 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3
Steering block arm	#2168
Steering link: inner stud location	3
Steering plate - upper	Plastic
Tower	Aluminum
Upper arm spacers (caster)	Front 0mm / rear 4mm - less caster
UPPER ARM	
Mount inserts - front	Bottom
Mount inserts - rear	Middle
Pillow ball spacers	1.0 mm
Pillow balls	Steel
Wheel hex	+1mm
Wheelbase (lower arm spacers)	0 mm

REAR SUSPENSION

Anti-roll bar	2.5mm
Arm stiffeners	1.0mm Carbon fiber
Axle height (hub pin hole)	High (low pin)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Inside middle
Outer stud location	C - Outside
Droop	120 mm
Hubs	Aluminum
RF (C) mount inserts	Top
RF (C) mounts	0mm
Ride height	26 mm
RR (D) mount inserts	Bottom outside
SHOCKS	
Arm mounting hole	B - Outside
Arm pivot ball orientation	Front
Tower mounting hole	3
Toe	Outside bottom D pills degrees
Tower	Carbon fiber high wing
Wheel hex	+1mm
Wheelbase (arm spacers)	0 mm
Wheelbase (hub spacers)	Front 2.5mm / rear 2.5mm

BODY & CHASSIS

Body	J concept
Chassis brace - front	Short
Chassis brace - rear	No insert
Engine mount	Standard
Rear wing	Kit
Rear wing height	2
Rear wing mount	Kit
Rear wing position	Back
Weights	20g rear

SHOCKS

	FRONT	REAR
Oil weight	40 wt	35 wt
Pistons	5 x 1.5	5 x 1.5
Rebound	0 %	0 %
Springs	70mm 1.6mm x 9.25T	86mm 1.6mm x 10.75T
Stroke	33 mm	40 mm

Shock oil brand: Team Losi

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	5,000 cst
Diff ring/pinion	42/12 teeth	44/13 teeth

Center diff fluid	7,000 cst
Center diff type	High traction 46T
Diff fluid brand	Mugen

DRIVETRAIN

Center shafts	Low friction CVD (#E2261, #E2262)
Clutch shoes & springs	2 aluminum 1.0 2 Carbon .9
Driveshafts - front	Universal
Driveshafts - rear	Universal
Pinion	13 teeth
Spur	46 teeth

ENGINE

Engine brand	OS Speed
Engine model	AD2
Fuel	VP 30 Pro
Glow plug	P3Gold
Pipe / header	2100 75