Mugen MBX8T

Setup: Robbins Base M-L · Ricky Robbins (Robbins RC) · Feb 20, 2021

so dialed
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TRACK

Type	Outdoor hard-packed
Grip / moisture	Medium / Dry
Surface / layout	Medium / Medium

FRONT SUSPENSION

Anti-roll bar	2.4mm
Droop	106 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	Kit
Stiffeners	Plastic
Ride height	36 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3
Steering block arm	Standard
Steering link: inner stud location	3
Steering plate - upper	Plastic
Toe	+1 degrees
Tower	Aluminum
Upper arm spacers (caster)	Front 2mm / rear 2mm
UPPER ARM	
Mount inserts - front	Middle
Mount inserts - rear	Middle
Pillow ball spacers	0 mm
Pillow balls	Kit
Wheel hex	+2mm
Wheelbase (lower arm spacers)	0 mm

BODY & CHASSIS

Body	VP Pro
Chassis brace - front	Short
Chassis brace - rear	Kit
Engine mount	Standard
Rear wing	Kit
Rear wing height	4 - Top
Rear wing mount	Kit
Rear wing position	Middle

REAR SUSPENSION

Anti-roll bar	2.7mm
Arm stiffeners	Plastic
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	128 mm
Hubs	Plastic
RF (C) mount inserts	Middle
RF (C) mounts	0mm
Ride height	38 mm
RR (D) mount inserts	Bottom outside
SHOCKS	
Arm mounting hole	B - Middle
Arm pivot ball orientation	Front
Tower mounting hole	3
Toe	-2.75 degrees
Tower	Aluminum
Wheel hex	0mm
Wheelbase (arm spacers)	0 mm
Wheelbase (hub spacers)	Front 2.5mm / rear 2.5mm

ENGINE

Engine brand	Alpha
Engine model	.23 7 port
Fuel	Bones brew 9/30
Glow plug	OS #4
Head clearance	2 brass
Pipe / header	Jp3

SHOCKS

	FRONT	REAR
Oil weight	550 cst	500 cst
Pistons	6 x 1.3 mip blue	6 x 1.3 mip green
Rebound	0 %	0 %
Springs	75mm 1.5mm x 7.5T	86mm 1.5mm x 7.75T
Stroke	32 mm	46 mm
Shock oil brand	PT RC	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	7,000 cst
Diff ring/pinion	44/13 teeth	44/13 teeth
Diff type	High traction	High traction
Center diff fluid	15,000 cst	
Center diff type	High traction	

DRIVETRAIN

Brake bias	Front 60 / rear 40
Center shafts	Universal (#E2230, #E2231)
Clutch shoes & springs	4 aluminum shoes with 1.0mm x 2 .95 x 2 springs
Driveshafts - front	CVD
Driveshafts - rear	CVD
Pinion	13 teeth
Spur	47 teeth

ELECTRONICS

Radio brand	FkySky
Radio EPA steering	100 %
Radio model	FlySky NB4
Receiver battery	GenAce