Mugen MBX8T

Setup: My Base Setup · Spencer Klein · Dec 7, 2020

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TRACK

Track	Shaws rc
Type	Outdoor loose/loamy
Grip / moisture	Low / Dry
Surface / layout	Rutted / Tight

FRONT SUSPENSION

Anti-roll bar	2.4mm
Droop	105.5 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	35 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3
Steering block arm	-3mm
Steering link: inner stud location	2
Steering plate - upper	Plastic
Toe	+2 degrees
Tower	Carbon fiber
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)	1mm

BODY & CHASSIS

Body	Phionix performence bodys-Mugen truggy
Chassis brace - front	Short
Chassis brace - rear	Rubber
Engine mount	One piece
Rear wing	Hp rear wing
Rear wing height	4 - Top
Rear wing mount	+15mm
Rear wing position	Middle
Weights	40g rear

REAR SUSPENSION

Anti-roll bar	2.7mm
Arm stiffeners	Carbon fiber
Axle height (hub pin hole)	High (low pin)
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	1 - Inside bottom
Outer stud location	C - Outside
Droop	128.5 mm
Hubs	Plastic
RF (C) mount inserts	Middle
RF (C) mounts	0mm
Ride height	37 mm
RR (D) mount inserts	Bottom middle
SHOCKS	
Arm mounting hole	B - Middle
Arm pivot ball orientation	Front
Tower mounting hole	3
Toe	-2.5 degrees
Tower	Carbon fiber
Wheel hex	+2mm
Wheelbase (arm spacers)	-1 mm
Wheelbase (hub spacers)	Front 5mm / rear 0mm - long

ENGINE

Engine brand	REDS
Engine model	721gen2
Fuel	Nitropro 30% 9%oil
Glow plug	Reds
Head clearance	Stock
Pipe / header	Reds

TIRES

	FRONT	REAR
Tire brand / type	AKA gridiron 2	AKA gridiron 2
Tire compound	SSLW	SSLW
Tire insert	Closed-cell	Closed-cell
Tire prep	Two 3.0mm holes 180° apart. Rim get 3.5mm holes 180° apart and offset from tires.	Two 3.0mm holes 180° apart. Rim get 3.5mm holes 180° apart and offset from tires.
Wheel brand / type	AKA	AKA

SHOCKS

	FRONT	REAR
Oil weight	550 cst	450 cst
Pistons	6x1.30 mip blue valvue	6x1.3 mip green valvue
Rebound	0 %	0 %
Springs	75mm 1.5mm x 7.5T	86mm 1.5mm x 7.75T
Stroke	32 mm	46 mm
Shock oil brand	Flash Point	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	15,000 cst	12,500 cst
Diff ring/pinion	46/10 teeth	46/10 teeth
Diff type	High traction	High traction
Center diff fluid	20,000 cst	
Center diff type	High traction	
Diff fluid brand	Flashpoint	

DRIVETRAIN

Brake bias	Front 50 / rear 50
Center shafts	Mugen dogbone kit
Clutch shoes & springs	Reds 4 shoe adjustible clucth. Medium setting with 1.0 springs and 2 carbon 2 alm springs
Driveshafts - front	CVD
Driveshafts - rear	CVD
Pinion	13 teeth
Spur	47 teeth

ELECTRONICS

Radio brand	Sanwa/Airtronics
Radio model	M17
Receiver battery	Proteck rc
Receiver brand	Sanwa/Airtronics
Receiver model	Telemitry antina
Steering servo brand	ProTek
Steering servo model	170sbl
Throttle servo brand	ProTek
Throttle servo model	170tbl
Transponder ID	5282793