Mugen MBX8 ECO Team Edition

Setup: Robbins Base Setup Outdoor M-L · Ricky Robbins (Robbins RC) · Jun 5, 2022

so dialed
Open/save in RC Setup App →

Scan to open in the app

TRACK

Type	Outdoor hard-packed
Grip / moisture	Medium / Dry
Surface / layout	Medium / Medium
Air temp	80°F (27°C)

FRONT SUSPENSION

Anti-roll bar	2.3mm
Droop (shock length)	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	Kit
Stiffeners	Plastic
Ride height	25 mm
SHOCKS	
Arm mounting hole	B - Outside
Arm pivot ball orientation	Front
Tower mounting hole	3
Steering block arm	-3mm
Steering link: inner stud location	3
Steering plate - upper	Plastic
Toe	+1 degrees
Tower	Aluminum
Track: wheel hexes	+1mm
Upper arm spacers (caster)	Front 2mm / rear 2mm
UPPER ARM	
Mount inserts - front	Bottom
Mount inserts - rear	Bottom
Pillow ball spacers	1.0 mm
Pillow balls	Kit
Wheelbase: lower arm spacers	0 mm

REAR SUSPENSION

Anti-roll bar	2.5mm
Arm stiffeners	Plastic
Axle height: hub pin hole	High (low pin)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Inside bottom
Outer stud location	C - Outside
Droop (shock length)	118.5 mm
Hubs	Plastic
RF (C) mount inserts	Bottom
RF (C) mounts	0mm
Ride height	26 mm
RR (D) mount inserts	Bottom middle
SHOCKS	
Arm mounting hole	B - Outside
Arm pivot ball orientation	Front
Tower mounting hole	3
Toe	-2.5 degrees
Tower	Aluminum high wing
Track: wheel hexes	+1mm
WHEELBASE	
Arm spacers	0 mm
Hub spacers	Front 2.5mm / rear 2.5mm

NOTES Avid +4.5 shock standoffs

SHOCKS

	FRONT	REAR
Oil weight	550 cst	400 cst
Pistons	3 x 1.35 3x1.45 mip blue	3x 1.35 3x 1.5 mip green
Rebound	0 %	0 %
Springs	70mm 1.6mm x 9.0T	86mm 1.6mm x 10.5T
Stroke	33 mm	41 mm
Shock oil brand	PT RC	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	5,000 cst
Diff ring/pinion	44/13 teeth	44/13 teeth
Diff type	High traction	High traction
Center diff fluid	7,000 cst	
Center diff type	High traction 46T	

DRIVETRAIN

Center shafts	Low friction CVD (#E2261, #E2262)
Driveshafts - front	CVD
Driveshafts - rear	CVD
Pinion	16 teeth
Spur	46 teeth

BODY & CHASSIS

Body	VP Pro
Chassis brace - front	Short
Chassis brace - rear	Kit
Rear wing	Kit
Rear wing height	3
Rear wing mount	+15mm
Rear wing position	Middle