JQRacing Black Edition

Setup: Revelation 7/2021 · Geoff Ranney (Ultimate Racing) · Aug 12, 2021

so dialed
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TRACK

Type	Outdoor loose/loamy
Grip / moisture	Medium / Dusty
Surface / layout	Bumpy / Open
Air temp	95°F (35°C)
Track temp	135°F (57°C)

FRONT SUSPENSION

Anti-roll bar	2.3mm
Arms	Hard
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Outer stud location	B - Inside top
Turnbuckle length	11 mm
Caster: hub carrier	18 degree (#JQB0395/6)
Droop	102 mm
FF mount inserts	+0 mm
FR mount inserts	+0 mm
Gearbox spacer	Carbon
Ride height	28 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3 - Mid-out
Steering arm	#1 2.0
Steering blocks	KPI #1 (#JQB0398/9)
STEERING LINK	
Inner stud location	2 - Middle
Inner stud orientation	Ball up
Outer stud orientation	Ball up
Toe	+1 degrees
Tower	Aluminum
Track: wheel hexes	+1mm lightened

BODY & CHASSIS

Body	Kit
Chassis	3mm
Rear wing	Kit
Rear wing angle	High
Rear wing mount	CNC High mount (#JQB0197/8)

ELECTRONICS

Radio brand	Sanwa/Airtronics
Radio model	MT-44
Receiver battery	Reedy 2S 2200
Receiver brand	Sanwa/Airtronics
Receiver model	RX482
Steering servo brand	Xpert
Steering servo model	6401
Throttle servo brand	Xpert
Throttle servo model	6401

REAR SUSPENSION

Anti-roll bar	2.6mm
Arm length	Long
Arm stiffeners	Carbon fiber 1mm
Arms	Hard
Camber	-2.5 degrees
CAMBER LINK	
Inner stud location	2 - Inside middle
Outer stud location	E - Outside bottom
Turnbuckle length	23 mm
Droop	122 mm
Gearbox spacer	Carbon
Hub inserts	+0 toe / +0mm height
Hubs	Kit (#JQB0378/9)
RF mount	Low
RF mount inserts (anti-squat)	+0 mm
Ride height	29 mm
RR mount	Low Square Insert
RR mount inserts	1 in, .5 down
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Mid-in
Tower	Aluminum
Track: wheel hexes	+1mm lightened
Wheelbase: hub spacers	Front 0 shims / rear 4 shims

ENGINE

Engine brand	Ultimate
Engine model	M3X
Fuel	Nitrolux
Glow plug	Ultimate P3

TIRES

	FRONT	REAR
Tire brand / type	Rawspeed/Aurrora	Rawspeed/Aurrora
Tire compound	Soft Long Wear	Soft Long Wear
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	DE	DE

SHOCKS

	FRONT	REAR
Oil weight	500 cst	450 cst
Pistons	7 x 1.3mm Flat	7 x 1.35mm
Rebound	0 %	0 %
Shock length	102 mm	122 mm
Shock type	Bladder	Bladder
Springs	Sworks S3	Sworks L3

Shock oil brand: Ultimate

NOTES -X-ray Soft Honey Comb Bladder. -Mugen Shock Cups.

DIFFERENTIALS

	FRONT	REAR
Diff fluid	12,000 cst	5,000 cst
Diff mass	39 g	39 g

Center diff fluid	10,000 cst
Center diff mass	38 g
Diff fluid brand	Ultimate

NOTES 12.5 k front oil

DRIVETRAIN

Brake bias	Front 60% / Rear 40%
Clutch shoes & springs	Weeks 4 Shoe Aluminum with 1.0 springs.
Drive ratio - final	12.114
Drive ratio - internal	3.214
Driveshaft - center front	Kit
Driveshaft - center rear	Kit
Driveshafts - front	Universal
Driveshafts - rear	Universal
Pinion	13 teeth
Spur	48 teeth