JQRacing Black Edition

Setup: King of Whiteman 2021 A final · Darren Johnston (Team Associated) · May 20, 2021

so dialed
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EVENT	
Event	King of Whiteman final

TRACK	
Track	MORBC
Type	Outdoor blue groove
Grip / moisture	High / Dry
Surface / layout	Medium / Medium
Air temp	35°C (95°F)

RESULTS	
Best lap	35.4 s

FRONT SUSPENSION

Anti-roll bar	2.4mm
Arms	Hard
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Outer stud location	D - Outside top
Turnbuckle length	17 mm
Droop	107 mm
FF mount inserts	-0.5 mm
FR mount inserts	-0.5 mm
Gearbox spacer	Carbon
Hub carrier (caster)	20 degree (#JQB0424/5)
Ride height	26 mm
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	2 - Mid-in
Steering arm	#1
Steering blocks	KPI #0 (#JQB0380/1)
STEERING LINK	
Inner stud location	2 - Middle
Inner stud orientation	Ball up
Outer stud orientation	Ball up
Toe	+1 degrees
Tower	Aluminum
Wheel hex	+1mm lightened

NOTES 3mm shim between the inner steering ball and ackermann plate

BODY & CHASSIS

Body	JConcepts
Chassis	3mm
Rear wing	JConcepts F21
Rear wing angle	Low
Rear wing mount	Kit

REAR SUSPENSION

Anti-roll bar	2.6mm
Arm length	Long
Arm stiffeners	Carbon fiber 1mm
Arms	Hard
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	Middle
Outer stud location	Inside middle
Turnbuckle length	29 mm
Droop	123 mm
Gearbox spacer	Carbon
Hub inserts	+0 toe / +0mm height
Hubs	2020 rear hub
RF mount	.
RF mount inserts (anti-squat)	-0.5 mm
Ride height	27 mm
RR mount	Low Square Insert
RR mount inserts	1 down and out
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	#4, 1 in from outside
Tower	Carbon low
Wheel hex	+1mm lightened
Wheelbase (hub spacers)	Front 1 shim / rear 3 shims

NOTES Rear tower JQB0442B

ENGINE

Engine brand	Ultimate
Engine model	M3X V2.0
Fuel	Nitro X 25%
Glow plug	OS P3
Pipe / header	Ultimate 2141

ELECTRONICS

Radio brand	Sanwa/Airtronics
Radio model	MT44
Receiver brand	Sanwa/Airtronics
Steering servo brand	Tekin
Steering servo model	T300
Throttle servo brand	Tekin
Throttle servo model	T300
Transponder ID	9132778

SHOCKS

	FRONT	REAR
Oil weight	45 wt	40 wt
Pistons	5 x 1.5mm Flat	2 x 1.6 + 3 x 1.5 flat
Rebound	0 %	0 %
Shock length	107 mm	123 mm
Shock type	Bladder	Bladder
Springs	Mugen 9.0	Mugen 10.5
Shock oil brand	Team Associated	

NOTES Front shocks use YE rear shock shaft JQB0058 for more droop.
1 x 2mm spacer on rear shock shaft outside to limit up travel.

DIFFERENTIALS

	FRONT	REAR
Diff fluid	12,000 cst	7,000 cst
Center diff fluid	10,000 cst	
Diff fluid brand	Associated	

DRIVETRAIN

Brake bias	Front 50% / Rear 50%
Clutch shoes & springs	4 shoe AE, 4 x 0.95mm springs, 4 x aluminium shoes
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	49 teeth

TIRES

	FRONT	REAR
Tire brand / type	JConcepts Blockers	JConcepts Blockers
Tire compound	O2	O2
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	JConcepts Bullet	JConcepts Bullet