HB D819RS

Setup: My Base Setup · Robert Herron (JT Bearing) · Aug 14, 2023

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TRACK

Track	STR Raceway
Type	Outdoor loose/loamy
Grip / moisture	Medium/Low / Dry
Surface / layout	Medium / Medium
Air temp	100°F (38°C)
Track temp	120°F (49°C)

FRONT SUSPENSION

A mount inserts (kick-up)	2 / 2 dots up
Anti-roll bar	2.4mm
Arm covers	Plastic
Arms	Kit
Axle height: steering block spacers	Top 1mm / bottom 1mm
B mount (kick-up)	+0.7mm
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud location	C - Outside
Droop	+3 mm
Hub carrier (caster)	v4 17.5 degree
Ride height	24 mm
SHOCKS	
Arm mounting hole	Outside
Tower mounting hole	3 - Middle-out
Steering block	0 degree
Steering block arm	Type 5
STEERING LINK	
Inner stud spacers	2 mm
Outer stud location	B - Middle
Outer stud spacers	2 mm
Toe	-1.5 degrees
Tower	Aluminum
Track: wheel hexes	Lightweight narrow
Wheelbase: arm spacers	Front 1mm / rear 2mm

TIRES

	FRONT	REAR
Tire brand / type	Sweeps	Sweeps
Wheel brand / type	Sweeps	Sweeps

ELECTRONICS

Radio brand	KO Propo
Radio EPA steering	70 %
Radio EPA throttle	100 %
Radio model	Ex-Next
Receiver battery	All Pro Batteries HV LiPo Receiver Battery Pack (Hump Style HB) (7.6V/2700mAh)
Receiver brand	KO Propo
Receiver model	KR-420XT
Steering servo brand	J&T Bearing
Steering servo model	5551
Throttle servo brand	J&T Bearing
Throttle servo model	5551
Transponder ID	2138138

REAR SUSPENSION

Anti-roll bar	2.6mm
Arm covers	Plastic
Arms	Kit
Axle height: hub inserts	2 / 1 dot up
C mount	Kit
C mount inserts	2 / 2 dots up
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Mid-bottom
Outer stud location	B - Middle
D mount (toe)	3.0 degree
D mount inserts	3 / 1 dot up
Droop	-5 mm
Hub	D817 Aluminum
Hub carrier arm	v2 #5
Hub outboard toe	0 deg wide
Ride height	30 mm
SHOCKS	
Arm mounting hole	Outside
Tower mounting hole	2 - Middle-in
Tower	v3 Aluminum
Track: wheel hexes	Lightweight narrow
WHEELBASE	
Arm spacers	Front 0mm / rear 4mm - short
Hub spacers	Front 0mm / rear 2mm - short

ENGINE

Engine brand	Reds
Engine model	521 Sport .21 Off-Road Competition Buggy
Fuel	TNR 30%
Glow plug	Serpent P3
Pipe / header	2143 tuned pipe and M manifold (REDKM210011)

NOTES Carburetor Venturi: 7.0m

SHOCKS

	FRONT	REAR
Bodies	34	38mm
Oil weight	46 wt	41 wt
Pistons	6 x 1.3mm	6x1.4
Shock bladder	Emulsion	Emulsion
Shock length	107 mm	129 mm
Springs	Yellow 73.8gF	Blue 61.6gF
Shock oil brand	J&T Bearing	

NOTES VRP Pistons

DIFFERENTIALS

	FRONT	REAR
Diff fluid	6,000 cst	2,000 cst
Center diff fluid	6,000 cst	
Diff fluid brand	J&T Bearing	

DRIVETRAIN

Clutch shoes & springs	Alpha Plus 4 Shoe Aluminum Clutch, 2 hard & 2 medium springs Low
Drive ratio - internal	3.308
Driveshafts - front	Universal
Driveshafts - rear	Universal
Pinion	13 teeth
Spur	48 teeth

BODY & CHASSIS

Body	Bittydesign "Vision" Hot Bodies D819RS
Rear wing	HB Plastic
Rear wing mount	+10mm
Rear wing mount location	1 - Bottom
Weights	Approx 10 grams towards rear