HB E819RS

Setup: HB E819RS Setup <70F° · Cameron dePaolo · Mar 29, 2022

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EVENT

Event	Club Race

TRACK

Track	Loganville RC Complex
Type	Outdoor clay
Grip / moisture	Medium / Dry
Surface / layout	Medium / Medium
Air temp	80°F (27°C)
Track temp	75°F (24°C)

FRONT SUSPENSION

A mount inserts (kick-up)	2 / 2 dots up
Anti-roll bar	2.2mm
Arm covers	Plastic - Glued
Arms	Hard
Axle height: steering block spacers	Top 1mm / bottom 1mm
B mount (kick-up)	+2.8mm
Camber	-1 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud location	C - Outside
Droop	+1 mm
Hub carrier (caster)	v4 20 degree degrees
Ride height	25 mm
SHOCKS	
Arm mounting hole	Outside
Tower mounting hole	3 - Middle-out
Steering block	2 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 degrees
Tower	Aluminum
Track: wheel hexes	Lightweight narrow
Wheelbase: arm spacers	Front 1mm / rear 2mm

NOTES Exotek Bearinged Bellcranks & Exotek Servo Mount

ELECTRONICS

Battery brand	Spektrum
Battery C rating	50C
Battery capacity	5000 mAh
Battery model	Spectrum Smart 4S
ESC brand	Tekin
ESC model	RX8 Gen 3
ESC settings	Torque control = 6 Timing Profile =1
Motor brand	Tekin
Motor Kv constant	1900 Kv
Motor model	1900kv Gen 3, sensored.
Radio brand	Futaba
Radio model	7PXR
Receiver brand	Futaba
Steering servo brand	Savox

REAR SUSPENSION

Anti-roll bar	2.5mm
Arm covers	Graphite
Arms	Hard
Axle height: hub inserts	3 / 1 dot down
C mount	Wide
C mount inserts	3 / 1 dot up
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Mid-bottom
Outer stud location	B - Middle
D mount (toe)	2.75 degree
D mount inserts	2 / 2 dots up
Droop	-3 mm
Hub	D817 Aluminum
Hub carrier arm	v2 #5
Hub outboard toe	0 deg wide
Ride height	27 mm
SHOCKS	
Arm mounting hole	Outside
Tower mounting hole	3 - Middle-out
Tower	v3 Aluminum
Track: wheel hexes	Lightweight narrow
WHEELBASE	
Arm spacers	Front 0mm / rear 4mm - short
Hub spacers	Front 0mm / rear 2mm - short

TIRES

	FRONT	REAR
Tire brand / type	VP-Pro SS Turbo Trax	VP-Pro SS Turbo Trax
Tire compound	SS	SS
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	AKA Evo	AKA Evo

SHOCKS

	FRONT	REAR
Bodies	29mm	38mm
Oil weight	50 wt	40 wt
Pistons	5 x 1.5	5 x 1.6
Shock bladder	Performa Clear Honeycomb	Performa Clear Honeycomb
Shock length	107 mm	129 mm
Springs	Gold 79.6gF	Blue 61.6gF
Shock oil brand	Team Associated	

NOTES No rebound, Performa P1 caps

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	2,000 cst
Center diff fluid	5,000 cst	
Diff fluid brand	AE	

DRIVETRAIN

Drive ratio - final	3.0
Drive ratio - internal	3.308
Driveshafts - front	Universal
Driveshafts - rear	Universal
Pinion	16 teeth
Spur	48 teeth

BODY & CHASSIS

Battery position	1 - Front
Body	JConcepts Silencer
Rear wing	HB Plastic
Rear wing mount	+10mm
Rear wing mount location	4 - Top
Rear wing wickerbill	Yes

NOTES Plastic front top brace, plastic chassis brace with only 1 screw out of 3 (middle)