HB E819RS

Setup: NDOR, United Kingdom · Stuart Bramford · Apr 21, 2022

so dialed
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EVENT	
Class	E-buggy

TRACK	
Track	NDOR, United Kingdom
Type	Outdoor astroturf
Grip / moisture	High / Dry
Surface / layout	Medium / Medium
Air temp	17.5°C (64°F)

RESULTS	
Race type	Main
Finish	2nd
Best lap	41.52 s

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	-3 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud location	C - Outside
Droop	+3 mm
Hub carrier (caster)	v4 17.5 degree degrees
Ride height	24 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 450 shock oil

REAR SUSPENSION

Anti-roll bar	2.2mm
Arm covers	Graphite
Arms	Kit
Axle height: hub inserts	2 / 1 dot up
C mount	Kit
C mount inserts	1 / 3 dots up - less anti-squat
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	-4 mm
Hub	D817 Aluminum
Hub carrier arm	v2 #5
Hub outboard toe	0 deg wide
Ride height	25 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

NOTES 450 shock oil

ELECTRONICS

Battery brand	Gens Ace
Battery C rating	120
Battery capacity	6000 mAh
Battery model	Red HiHv
ESC brand	Team Orion
Motor brand	Performa1
Motor Kv constant	1900 Kv
Radio brand	Futaba
Steering servo brand	BK Servo
Steering servo model	B4

SHOCKS

	FRONT	REAR
Bodies	29mm	38mm
Oil weight	450 cst	450 cst
Pistons	5 x 1.4mm	5 x 1.4mm
Shock bladder	Emulsion	Emulsion
Shock length	107 mm	129 mm
Springs	Red 86.1gF	Blue 61.6gF
Shock oil brand	Core	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	5,000 cst
Center diff fluid	10,000 cst	
Diff fluid brand	Core RC	

DRIVETRAIN

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

BODY & CHASSIS

Battery position	1 - Front
Body	LFR A2.1 Tactic
Rear wing	HB Plastic
Rear wing mount	Standard
Rear wing mount location	1 - Bottom

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Mini Pins	Schumacher Mini Pins
Tire compound	Yellow	Yellow
Tire insert	Closed-cell	Closed-cell
Tire prep	Trim 3 rows inside and out.	Trim 2 rows inside and out.
Wheel brand / type	GRP	GRP