HB E819RS

Setup: Rough,tight, outdoor · Gary Wright (HB Racing) · Apr 12, 2022

so dialed
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EVENT

Event	Club Race

TRACK

Track	RJD
Type	Outdoor hard-packed
Grip / moisture	Low / Dry
Surface / layout	Bumpy / Tight
Air temp	80°F (27°C)
Track temp	95°F (35°C)

FRONT SUSPENSION

A mount inserts (kick-up)	6 / 3 dots down - most kick-up
Anti-roll bar	2.3
Arm covers	Plastic
Arms	Kit
Axle height: steering block spacers	Top 1mm / bottom 1mm
B mount (kick-up)	+0.7mm
Camber	22.8 degrees
CAMBER LINK	
Inner stud location	2 - Mid-bottom
Outer stud location	C - Outside
Droop	+3 mm
Hub carrier (caster)	v4 17.5 degree degrees
Ride height	26 mm
SHOCKS	
Arm mounting hole	Outside
Tower mounting hole	2 - Middle-in
Steering block	2 degree
Steering block arm	Type 4
STEERING LINK	
Inner stud spacers	2 mm
Outer stud location	B - Middle
Outer stud spacers	2 mm
Toe	30.9 degrees
Tower	Aluminum
Track: wheel hexes	Lightweight narrow
Wheelbase: arm spacers	Front 1mm / rear 2mm

REAR SUSPENSION

Anti-roll bar	2.5
Arm covers	Graphite
Arms	Kit
Axle height: hub inserts	2 / 1 dot up
C mount	LIT Blocks
C mount inserts	1 dot down center
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Mid-bottom
Outer stud location	B - Middle
D mount (toe)	LIT Blocks
D mount inserts	2 dot inner lower corner
Droop	+1 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	2 - Middle-in
Tower	v3 Aluminum
Track: wheel hexes	Lightweight narrow
WHEELBASE	
Arm spacers	Front 0mm / rear 4mm - short
Hub spacers	Front 1mm / rear 1mm

TIRES

	FRONT	REAR
Tire brand / type	AKA Impact	AKA Impact
Tire compound	Super Soft Long Wear	Super Soft Long Wear
Tire insert	AKA	AKA
Wheel brand / type	AKA	AKA

SHOCKS

	FRONT	REAR
Bodies	29mm	38mm
Oil weight	625	525
Pistons	VRP 5x1.5	VRP 5x1.5
Shock bladder	Oring	Oring
Shock length	107 mm	129 mm
Springs	Gold 79.6gF	Blue 61.6gF
Shock oil brand	PT RC	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	5,000 cst	4,000 cst
Center diff fluid	5,000 cst	
Diff fluid brand	PT Oils	

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	JConcepts Silencer
Rear wing	HB Plastic
Rear wing mount	+10mm
Rear wing mount location	4 - Top

ELECTRONICS

Battery brand	Gens Ace
Battery C rating	130
Battery capacity	6000 mAh
Battery model	Redline
ESC brand	Tekin
ESC model	RX8 Gen3
ESC settings	7k
Motor brand	Tekin
Motor Kv constant	1900 Kv
Motor timing	0 degrees