AE RC8 B4e

Setup: My Base Setup · Dylan Manchanda (Team Associated) · May 10, 2022

so dialed
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TRACK

Track	Moto Farm
Type	Outdoor clay
Grip / moisture	Medium
Surface / layout	Bumpy / Tight
Air temp	75°F (24°C)

FRONT SUSPENSION

A mount inserts	Middle
Ackermann: inner link position	3 - Front
Anti-roll bar	2.1mm
Anti-roll bar end gap	2.0 mm
B mount inserts	Middle
Bump steer: outer steering link shims	0 mm
Camber	-1.5 degrees
Camber: upper arm pillow ball shims	1.4 mm
Caster: upper arm shims - F/R	3 / 1 mm
Droop	105 mm
Lower arm stiffeners	None
Lower arms	Hard
Ride height	24 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3
Steering block arm	+2 degree
Toe	+2 degrees
Tower	Aluminum
TRACK	
Lower arm pillow ball shims	0.35 mm
Wheel hexes	+0mm
Upper arm stiffeners	None
UPPER ARM	
Mount inserts - front	Center
Mount inserts - rear	Center
Upper arms	Hard
Wheelbase: lower arm shims	Short (front of arm) mm

REAR SUSPENSION

Anti-roll bar	2.4mm
Anti-roll bar end gap	3 mm
Arm stiffeners	None
Arms	Hard
Axle height: hub pin hole	Low (high pin)
C mount	HRC narrow
C mount inserts	Down
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	2 - Inside middle
Outer stud location	B - Middle
D mount	LRC narrow
D mount inserts	Down
Droop	126 mm
Hubs	Kit
Ride height	26 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3
Tower	Aluminum
Track: wheel hexes	+1mm
WHEELBASE	
Arm spacers	Short (behind arm)
Hub spacers - F/R	2.5 / 2.5 mm

TIRES

	FRONT	REAR
Tire brand / type	JConcept Reflex	JConcept Reflex
Wheel brand / type	AE	AE

ELECTRONICS

Battery brand	Reedy
Battery capacity	6100 mAh
ESC brand	Reedy
ESC model	850R
Motor brand	Reedy
Motor Kv constant	1900 Kv
Radio brand	Sanwa/Airtronics
Radio model	M-17
Receiver brand	Sanwa/Airtronics
Steering servo brand	Reedy
Steering servo model	RT5012A

SHOCKS

	FRONT	REAR
Bladders	Stiff	Stiff
Oil weight	47.5 wt	42.5 wt
Pistons	3x1.4+2x1.5	3x1.5+2x1.6 tapered
Rebound	0 %	0 %
Shock length	106 mm	127 mm
Springs	5.3lb Gray	3.8lb Brown
Shock oil brand	Team Associated	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	6,000 cst
Diff gears	High traction	High traction
Center diff fluid	7,000 cst	
Center diff gears	High traction	

DRIVETRAIN

Drive ratio - internal	3.5
Driveshafts - front	Universal
Driveshafts - rear	93mm CVA
Pinion	17 teeth
Spur	46 teeth

BODY & CHASSIS

Battery layout	2x2S Saddle
Body	B4e Gamma
Rear chassis brace options	Ball
Rear chassis brace screws	B - Rear
Rear wing	Kit
Rear wing angle shim	2 degrees
Rear wing height	Low
Rear wing mount	Kit
Screws & turnbuckles	Titanium Turnbuckles