AE RC8 B4e

Setup: LCRC Raceway · Aydan Manchanda (Team Associated) · May 23, 2023

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EVENT

Event	North East Showdown
Class	Expert

TRACK

Track	LCRC Raceway
Type	Outdoor blue groove
Grip / moisture	Low / Dry/Dusty
Surface / layout	Medium / Medium
Air temp	80°F (27°C)
Track temp	65°F (18°C)

RESULTS

Race type	Main
Finish	9th
Best lap	30.8 s

FRONT SUSPENSION

A mount inserts	Middle
Ackermann: inner link position	1 - Back
Anti-roll bar	2.2mm
Anti-roll bar end gap	3.0 mm
B mount inserts	Bottom
Bump steer: outer steering link shims	0 mm
Camber: upper arm pillow ball shims	.7 mm
Caster: upper arm shims - F/R	1/2 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
Tower	Aluminum
TRACK	
Lower arm pillow ball shims	0 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	Long (behind arm)

ELECTRONICS

Battery brand	Reedy
Battery capacity	6400 mAh
Battery model	SG5 shorty
ESC brand	Reedy
ESC model	850R
Motor brand	Reedy
Motor model	1900
Radio brand	Sanwa/Airtronics

REAR SUSPENSION

Anti-roll bar	2.4mm
Anti-roll bar end gap	1 mm
Arm stiffeners	None
Arms	Hard
Axle height: hub pin hole	High (low pin)
C mount	HRC narrow
C mount inserts	Down
CAMBER LINK	
Inner stud location	2 - Inside middle
Outer stud location	B - Middle
D mount	HRC narrow
D mount inserts	Down
Droop	126 mm
Hubs	V2
Ride height	25 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3
Tower	Aluminum
Track: wheel hexes	+2mm
WHEELBASE	
Arm spacers	Short (behind arm)
Hub spacers - F/R	0/5 mm

BODY & CHASSIS

Battery layout	2x2S Saddle
Body	JC S15
Rear chassis brace screws	A - Front, B - Rear
Rear wing	JC Razor
Rear wing angle shim	0 degrees
Rear wing height	Low
Rear wing mount	Kit
Screws & turnbuckles	JConcepts ti Turnbuckles

SHOCKS

	FRONT	REAR
Bladders	Emulsion	Emulsion
Oil weight	45 wt	40 wt
Pistons	6x1.4	3x1.4+3x1.5
Rebound	0 %	0 %
Shock length	105 mm	126 mm
Springs	5.3lb Gray	3.9lb Black
Shock oil brand	Team Associated	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	8,000 cst	7,000 cst
Diff gears	High traction	High traction
Center diff fluid	5,000 cst	
Center diff gears	High traction	
Front diff raio	42/12	
Rear diff ratio	42/12	

DRIVETRAIN

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

TIRES

	FRONT	REAR
Tire brand / type	JConcepts Relapse	JC Relapse
Tire compound	Aqua 2	Aqua 2
Wheel brand / type	JC Bullet	JC Bullet