AE RC8 T4e

Setup: Barnstormers · Aydan Manchanda (Team Associated) · May 27, 2024

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EVENT

Event	North East Showdown

TRACK

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

FRONT SUSPENSION

A mount inserts	Middle
ACKERMANN	
Inner link position	3 - Front
Steering block arm	FT 0 degree
Anti-roll bar	2.2mm
Anti-roll bar end gap	0 mm
B mount inserts	Bottom
Bump steer: outer steering link shims	0 mm
Camber: upper arm pillow ball shims	0 mm
Caster: upper arm shims - F/R	1/3 mm
Droop	108 mm
Lower arm stiffener locations	Bottom
Lower arm stiffeners	HD
Ride height	34 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3
Tower	Aluminum
TRACK	
Lower arm pillow ball shims	0.35 mm
Wheel hexes	+2mm
Upper arm stiffeners	Standard
UPPER ARM	
Mount inserts - front	Center
Mount inserts - rear	Center
Wheelbase: lower arm shims	Long (behind arm)

ELECTRONICS

Battery brand	Reedy
Battery capacity	8200 mAh
Battery model	SG5
ESC brand	Reedy
ESC model	850R
Motor brand	Reedy
Motor Kv constant	2000 Kv
Motor model	2000
Radio brand	Sanwa/Airtronics
Radio model	M17
Steering servo brand	Reedy
Steering servo model	5012A

REAR SUSPENSION

Anti-roll bar	2.4mm
Anti-roll bar end gap	0 mm
Axle height: hub pin hole	High (low pin)
C mount	HRC narrow
C mount inserts	Center
CAMBER LINK	
Inner stud location	1 - Inside bottom
Outer stud location	FT Hub: High middle
D mount	HRC narrow
D mount inserts	Down
Droop	127 mm
Hubs	V2
Lower arm stiffener locations	Bottom
Lower arm stiffeners	HD
Ride height	35 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	4
Tower	Aluminum
Track: wheel hexes	+2mm
WHEELBASE	
Arm spacers	Short (behind arm)
Hub spacers - F/R	2.5 / 2.5 mm

BODY & CHASSIS

Battery layout	2x2S Saddle
Battery position	Forward
Battery tray position	Rear
Body	JCONCEPTS
Rear chassis brace options	Insert
Rear chassis brace screws	A - Front, B - Rear
Rear wing	JC Razor
Rear wing angle shim	-2 degrees
Rear wing height	Low
Rear wing mount	Kit
Screws & turnbuckles	AE FT Titanium

SHOCKS

	FRONT	REAR
Bladders	Stiff	Stiff
Eyelet length	+0 mm	+0
Oil weight	45 wt	40 wt
Pistons	FT #81210 8x1.2 taper drilled	FT 8x1.2 taper drilled
Rebound	0 %	0 %
Shock length	107 mm	127 mm
Springs	5.7lb Yellow	4.7lb Red
Shock oil brand	Team Associated	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	12,000 cst	6,000 cst
Diff gears	High traction	High traction
Diff ratio	42/12	42/12
Center diff fluid	10,000 cst	
Center diff gears	High traction	

DRIVETRAIN

Drive ratio - internal	4.6
Driveshafts - front	Universals
Driveshafts - rear	CVA 131mm
Pinion	13 teeth
Spur	46 teeth

TIRES

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