AE RC8 B4

Setup: LCRC Raceway 9/16/22 · Dylan Manchanda (Team Associated) · Dec 2, 2022

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TRACK

Track	LCRC Raceway
Type	Outdoor hard-packed
Grip / moisture	Medium / Dry
Surface / layout	Bumpy/Smooth / Tight/Medium
Air temp	85°F (29°C)
Track temp	60°F (16°C)

FRONT SUSPENSION

A mount inserts	Bottom
Ackermann: inner link position	2- Middle
Anti-roll bar	2.1mm
Anti-roll bar end gap	1.5 mm
B mount inserts	Middle
Bump steer: outer steering link shims	0 mm
Camber: upper arm pillow ball shims	1.4 mm
Caster: upper arm shims - F/R	2/2 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
Toe	+2 degrees
Tower	Aluminum
TRACK	
Lower arm pillow ball shims	0 mm
Wheel hexes	+0mm
Upper arm stiffeners	Stock wing insert
UPPER ARM	
Mount inserts - front	In
Mount inserts - rear	Center
Upper arms	Hard
Wheelbase: lower arm shims	Long (behind arm) mm

ELECTRONICS

Radio brand	Sanwa/Airtronics
Radio model	M-17
Receiver battery	Reedy
Receiver brand	Sanwa/Airtronics
Steering servo brand	Reedy
Throttle servo brand	Reedy

REAR SUSPENSION

Anti-roll bar	2.4mm
Anti-roll bar end gap	1.5 mm
Arm stiffeners	None
Arms	Hard
Axle height: hub pin hole	Low (high pin)
C mount	LRC narrow
C mount inserts	Down
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	1 - Inside bottom
Outer stud location	B - Middle
D mount	HRC 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	+0mm
WHEELBASE	
Arm spacers	2mm foward(behind arm)
Hub spacers - F/R	0/5 hub foward mm

ENGINE

Engine brand	O.S Speed
Engine model	B2103
Fuel	Nitro Pro Dream Juice
Glow plug	O.S Gold P3
Pipe / header	O.S 75/2155

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	7,000 cst	7,000 cst
Diff gears	42/12	High traction
Center diff fluid	4,000 cst	
Center diff gears	High traction	

DRIVETRAIN

Brake bias - F/R	50/50
Clutch shoes & springs	2 composite, 0.9mm black springs 2 alum, 0.95mm green springs
Drive ratio - internal	3.5
Driveshafts - front	93mm CVA
Driveshafts - rear	93mm CVA
Pinion	13 teeth
Spur	46 teeth

BODY & CHASSIS

Body	B4 Mu
Chassis	Standard
Radio tray layout	1 - Stiff
Rear chassis brace options	Ball
Rear chassis brace screws	A - Front
Rear wing	JC F2I
Rear wing angle shim	2 degrees
Rear wing height	Low
Rear wing mount	Kit
Screws & turnbuckles	Titanium Turnbuckles