AE RC8 T4e

Setup: 2024 LCRC Season opener · Taylor DeLosa (Factory Team, Reedy, Klinik RC) · May 19, 2024

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EVENT

Event	Season opener

TRACK

Track	Lcrc raceway
Type	Outdoor loose/loamy
Grip / moisture	Medium / Dry/Wet
Surface / layout	Medium/Bumpy / Medium/Tight
Air temp	40°F (4°C)
Track temp	35°F (2°C)

FRONT SUSPENSION

A mount inserts	Middle
ACKERMANN	
Inner link position	3 - Front
Steering block arm	+1 degree Schelle CF
Anti-roll bar	2.2mm
Anti-roll bar end gap	1.0 mm
B mount inserts	Middle
Bump steer: outer steering link shims	0 mm
Camber	-1 degrees
Camber: upper arm pillow ball shims	1.4 mm
Caster: upper arm shims - F/R	2/0 mm
Droop	109 mm
Lower arm stiffener locations	Top
Lower arm stiffeners	HD
Ride height	35 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3
Toe	+1.5 degrees
Tower	Aluminum
TRACK	
Lower arm pillow ball shims	0.35 mm
Wheel hexes	Tekno +4
Upper arm stiffeners	AE FT carbon fiber
UPPER ARM	
Mount inserts - front	Up
Mount inserts - rear	Up
Wheelbase: lower arm shims	Short (front of arm)

NOTES Ride height checked under chassis front hinge pin

ELECTRONICS

Battery brand	Reedy
Battery capacity	6300 mAh
ESC brand	Reedy
ESC model	850R
Motor brand	Reedy
Motor Kv constant	2250 Kv
Radio brand	Sanwa/Airtronics
Radio model	M-17

REAR SUSPENSION

Anti-roll bar	2.4mm
Anti-roll bar end gap	Flush, reverse ball mount mm
Axle height: hub pin hole	High (low pin)
C mount	LRC narrow
C mount inserts	Center
Camber	-0.5 degrees
CAMBER LINK	
Inner stud location	Drilled above inside and up
Outer stud location	FT Hub: High outside
D mount	LRC narrow
D mount inserts	Out
Droop	126 mm
Hubs	V2
Lower arm stiffeners	HD
Ride height	39 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	4
Toe	3.5 degrees
Tower	Aluminum
Track: wheel hexes	11.5mm
WHEELBASE	
Arm spacers	Short (behind arm)
Hub spacers - F/R	2.5/ 2.5 mm

NOTES Hub pin in lowest setting
Drilled hole in tower for higher camber link option

BODY & CHASSIS

Battery layout	2x2S Saddle
Battery position	Middle
Battery tray position	Buggy Trays
Body	Jconcepts S15 Bruggy
Rear chassis brace options	Insert
Rear chassis brace screws	B - Rear
Rear wing	JC Razor. W/ 5mm holes
Rear wing angle shim	-2 degrees
Rear wing height	High
Rear wing mount	Kit

NOTES Remove rear brace stiffener
Buggy battery trays
1 long screw in chassis brace

SHOCKS

	FRONT	REAR
Bladders	Emulsion	Emulsion
Eyelet length	+2 mm	+2
Oil weight	45 wt	40 wt
Pistons	VRP 8x1.2	VRP gamechanger 8x1.3 MP
Rebound	0 %	0 %
Shock length	105 mm	127 mm
Springs	5.3lb Gray	Mugen 10.75
Shock oil brand	Team Associated	

NOTES Low friction X rings

DIFFERENTIALS

	FRONT	REAR
Diff fluid	15,000 cst	10,000 cst
Diff gears	Low traction	Low traction
Diff ratio	46/10	46/10
Center diff fluid	10,000 cst	
Center diff gears	High traction	

NOTES Flashpoint aluminum cross pins
17mm outdrives F/R

DRIVETRAIN

Drive ratio - internal	4.6
Driveshafts - front	HB universals 204137
Driveshafts - rear	Universals
Pinion	14 teeth
Spur	46 teeth

NOTES Plastic spur gear

TIRES

	FRONT	REAR
Tire brand / type	Jconcepts relapse	Jconcepts relapse
Tire compound	Blue	Blue
Tire insert	Banded dirttech	Banded dirttech