AE RC8 T4e

Setup: Protek Cup · Taylor DeLosa (Factory Team, Reedy, Klinik RC) · Jul 21, 2024

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EVENT

Event	Protek cup

TRACK

Track	Lcrc raceway
Type	Outdoor loose/loamy
Grip / moisture	Medium / Dry/Dusty
Surface / layout	Medium/Smooth / Medium/Tight
Air temp	65°F (18°C)
Track temp	50°F (10°C)

FRONT SUSPENSION

A mount inserts	Bottom
ACKERMANN	
Inner link position	3 - Front
Steering block arm	0 degree Schelle CF
Anti-roll bar	2.2mm
Anti-roll bar end gap	1.0 mm
B mount inserts	Top
Bump steer: outer steering link shims	0 mm
Camber	-1 degrees
Camber: upper arm pillow ball shims	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	36 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	4
Toe	+1.5 degrees
Tower	FT V2 tower update
TRACK	
Lower arm pillow ball shims	4 mm
Wheel hexes	11.5mm
Upper arm stiffeners	BD3D wings
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
FT aluminum pillowballs

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	2.6mm Gray
Anti-roll bar end gap	Flush, reverse ball mount mm
Axle height: hub pin hole	High (low pin)
C mount	HRC narrow
C mount inserts	Out
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	2 - Inside middle
Outer stud location	FT Hub: High outside
D mount	HRC narrow
D mount inserts	Out
Droop	130 mm
Hubs	81642 b4.1 hubs
Lower arm stiffeners	HD
Ride height	38 mm
SHOCKS	
Arm mounting hole	B - Outside
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	1.5/ 3.5 mm

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
Screws & turnbuckles	Klinik RC

NOTES Buggy battery trays

SHOCKS

	FRONT	REAR
Bladders	Emulsion	Emulsion
Eyelet length	+2 mm	+2
Oil weight	50 wt	45 wt
Pistons	6x1.3mm tapered	6x1.3mm tapered
Rebound	0 %	0 %
Shock length	110 mm	130 mm
Springs	Tekno green	Tekno orange
Shock oil brand	Team Associated	

NOTES Low friction X rings
39.5mm front shock shafts

DIFFERENTIALS

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

NOTES Flashpoint aluminum cross pins
17mm outdrives F/R
New buggy carbon diff housings

DRIVETRAIN

Drive ratio - internal	4.6
Driveshafts - front	HB universals 204137
Driveshafts - rear	Mugen universals E2272
Pinion	13 teeth
Spur	48 teeth

TIRES

	FRONT	REAR
Tire brand / type	Jconcepts	Jconcepts