AE RC8 T4e

Setup: 2024 Party Rock Race · Taylor DeLosa (Factory Team, Reedy, Klinik RC) · Jun 23, 2024

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EVENT

Event	Party Rock Race

TRACK

Track	Lcrc raceway
Type	Outdoor loose/loamy
Grip / moisture	Medium / Dry/Dusty
Surface / layout	Medium/Smooth / Medium
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	110 mm
Lower arm stiffener locations	Top
Lower arm stiffeners	Position 1 CF
Ride height	35 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	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
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	Low (high pin)
C mount	LRC narrow
C mount inserts	Out
Camber	-1 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	130 mm
Hubs	B4.1 #81649/81642
Lower arm stiffeners	Position 1 CF
Ride height	38 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	1/1 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 F2I wing
Rear wing angle shim	-2 degrees
Rear wing height	High
Rear wing mount	Kit
Screws & turnbuckles	Klinik RC

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	42.5 wt
Pistons	6x1.3mm tapered	6x1.3mm tapered
Rebound	0 %	0 %
Shock length	110 mm	130 mm
Springs	Tekno green	Mugen 86mm 10.25
Shock oil brand	Team Associated	

NOTES Low friction X rings
39.5mm front shock shafts

DIFFERENTIALS

	FRONT	REAR
Diff fluid	15,000 cst	10,000 cst
Diff gears	High traction	High traction
Diff ratio	42/12	42/12
Center diff fluid	10,000 cst	
Center diff gears	High traction	

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

DRIVETRAIN

Drive ratio - internal	4.6
Driveshafts - front	Mugen e2272 Universals
Driveshafts - rear	Universals Mugen e2272
Pinion	13 teeth
Spur	46 teeth

NOTES Plastic spur gear

TIRES

	FRONT	REAR
Tire brand / type	Jconcepts	Jconcepts
Tire compound	A2	A2