AE RC8 T4e

Setup: Hobbyplex rc8t4e · Nate Nay · Mar 22, 2025

so dialed
Open/save in RC Setup App →

Scan to open in the app

EVENT

Event	Weekly
Class	Etruggy

TRACK

Track	Hobbyplex omaha nebraska
Type	Indoor clay
Grip / moisture	Medium / Dry
Surface / layout	Medium / Medium
Air temp	70°F (21°C)
Track temp	70°F (21°C)

FRONT SUSPENSION

A mount inserts	Middle
ACKERMANN	
Inner link position	3 - Front
Steering block arm	+2 degree
Anti-roll bar	2.2mm
Anti-roll bar end gap	1.5mm
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	3 / 1 mm
Droop	105 mm
Lower arm stiffener locations	Top
Lower arm stiffeners	HD
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3
Toe	-1 degrees
Tower	Aluminum
TRACK	
Lower arm pillow ball shims	0.35 mm
Wheel hexes	11.5mm
Upper arm stiffeners	Standard
UPPER ARM	
Mount inserts - front	Up
Mount inserts - rear	Up
Wheelbase: lower arm shims	Long (behind arm)

REAR SUSPENSION

Anti-roll bar	2.4mm
Anti-roll bar end gap	1.5 mm
Axle height: hub pin hole	Low (high pin)
C mount	HRC narrow
C mount inserts	Center
Camber	-0.5 degrees
CAMBER LINK	
Inner stud location	2 - Inside middle
Outer stud location	B - Middle
D mount	HRC narrow
D mount inserts	Center
Droop	126 mm
Hubs	Kit
Lower arm stiffener locations	Top
Lower arm stiffeners	HD
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3
Tower	Aluminum
Track: wheel hexes	11.5mm
WHEELBASE	
Arm spacers	Short (behind arm)
Hub spacers - F/R	2.5 / 2.5 mm

BODY & CHASSIS

Battery layout	X1 4s shorty 6400 (Protek)
Battery tray position	Front
Body	Jconcepts s15
Rear chassis brace options	Insert
Rear chassis brace screws	A - Front, B - Rear
Rear wing	Kit
Rear wing angle shim	-2 degrees
Rear wing height	Low
Rear wing mount	Kit

NOTES Battery layout is fairly balanced and allows for very flat long jumps side to side.

SHOCKS

	FRONT	REAR
Bladders	Stiff	Stiff
Eyelet length	+0 mm	+0
Oil weight	45 wt	40 wt
Pistons	8x1.2mm tapered	8x1.2mm tapered
Shock length	105 mm	127 mm
Springs	5.7lb Yellow	4.7lb Red
Shock oil brand	Team Associated	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	15,000 cst	7,000 cst
Diff gears	High traction	High traction
Diff ratio	46/10	46/10
Center diff fluid	15,000 cst	
Center diff gears	High traction	

DRIVETRAIN

Drive ratio - internal	4.6
Driveshafts - front	CVA 131mm
Driveshafts - rear	CVA 131mm
Pinion	15 teeth
Spur	46 teeth

NOTES Front and rear gearbox shims. 1 shim behind each pinion tight to ring gear

Side to side x2 shims ring gear side x1 shim opposite

TIRES

	FRONT	REAR
Tire brand / type	Rawspeed radars	Rawspeed radars
Tire compound	White	White
Tire prep	Light sauce. Grip doctor	

NOTES Rawspeed radar premounts white compound. Recommended by local sponsored driver.

ELECTRONICS

Battery brand	**ProTek**
Battery C rating	**130 C**
Battery capacity	**6400 mAh**
Battery model	**PTK-5131-22**
ESC brand	**Hobbywing**
ESC model	**Xr8 pro**
Motor brand	**Hobbywing**
Motor Kv constant	**2200 Kv**
Motor model	**4268SD G3**
Radio brand	**Flysky**
Radio model	**Noble nb4+**
Receiver brand	**Flysky**
Receiver model	**Fgr4s**
Steering servo brand	**NitroPro**
Steering servo model	**Ctp 1**

NOTES Running the 2200 motor instead of the traditional 2250 Truggy motor. Track is a indoor and a tad small for 1/8 scale offroad. Motor stays very cool with a fan and often have tx throttle dialed back to 85-90%

ESC SETTINGS

Brake: Drag	**None %**