AE RC10 B6.3

Setup: My Base Setup · Travis Brewer (Pro Performance RC Inc) · Oct 4, 2023

so dialed
Open/save in RC Setup App →

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TRACK

Track	TR Speedway
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Tight
Air temp	70°F (21°C)
Track temp	70°F (21°C)

FRONT SUSPENSION

ACKERMANN

Inner steering stud spacers	0 mm
Steering plate	B6.3 FT Carbon HT +1
Anti-roll bar	1.0mm Blue
Arms	Gull-wing graphite
Axle height	+2 mm
Bulkhead	Steel 25/30 degree
Bumpsteer: outer steering stud spacers	0 mm
Camber	-1 degrees

CAMBER LINK

Inner stud location	1 - Inside
Inner stud spacers	1.5 mm
Outer stud location	A - Inside
Caster	27.5 deg - Kick-up: 25 / Block insert: +2.5
Ride height	14 mm

SHOCKS

Arm mounting hole	C - Outside
Tower mounting hole	3 - Outside
Steering stop spacers	0 mm
Toe	+1 degrees
Tower	B6.3 Gull-wing
Track: wheel hexes	5mm Titanium
Trail: steering block	3 mm
Wheelbase: caster block spacers - F/R	0 / 1 mm

NOTES FT 15.5mm aluminum servo horn
FT titanium axles (#91683)
FT +3 aluminum bellcranks (#91914)
FT aluminum steering rack (#91669)
FT carbon 6.4 -1mm scrub caster and steering blocks (#91985)

REAR SUSPENSION

Anti-roll bar	1.3mm Gray
Arms	73mm carbon
Axle height: hub insert	+3 mm (0/3 down)
C mount	Wide aluminum
C mount inserts	1 out
Camber	-1.5 degrees

CAMBER LINK

Inner stud location	2 - Middle
Inner stud spacers	2/4 mm
Outer stud mount spacers	1 mm
Outer stud spacers	2 mm
D mount	Wide aluminum
D mount inserts	0.5 in
Differential height	3 mm
Hubs	Factory Team (#91877/8)
Ride height	14 mm
Shock location	Front of arm

SHOCKS

Arm mounting hole	A - Inside
Tower mounting hole	3 - Mid-out
Tower	Wide
Track: wheel hexes	5mm Jcon lightweight

WHEELBASE

Arm shims	Long (back)
Hub shims	Middle

NOTES Willspeed D block (center=1° toe)
FT +2 ballstud mount (#91889)
1up Racing Pro Duty Titanium Lower Shock Screws (#80951)

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	+0mm Short	+2mm Long
Limiters - internal/external	0 / 0 mm	0/1 mm
Oil weight	37.5 wt	35 wt
Pistons	2 x 1.6mm FT v2	2mm 2x1.7mm FT v2
Shafts	3x21mm v2 Chrome	3x27.5mm v2 Chrome
Springs	4.60lb Red	2.20lb Blue
Stroke	23.5 mm	28 mm

Shock oil brand: Team Associated

NOTES 12x23mm/12x27.5mm v2 FOX Kashima bodies (#91576/91577)
FT machined internals (#91494)

DRIVETRAIN

Axle	+2mm CVA
Clutch type	Direct drive
Differential fluid	7,000 cst
Differential fluid brand	AE
Differential type	Gear
Drive ratio - internal	2.60
Driveshafts	69mm MOD feather weight
Pinion	29 teeth
Spur	72 teeth
Transmission gears	3
Transmission orientation	Laydown

NOTES "only 2 planetary gears in diff"
One FT aluminum diff cross pin (#91784)
FT aluminum diff cover (#91781)
Exotek direct drive (#1851)
Avid aluminum direct drive screw (#1061-m348)
Kimbrough spur gear
Poly pinion
Titanium diff cover screws
Titanium screws holding on spur gear

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	Jcon Carpet No wicker bill
Battery position	Front hole / 5	
Body	Rawspeed Nitehawk v2 lightweight	
Chassis	B6.3 +3mm	
Rear wing angle	6 degrees	
Weight balance (F/R)	-	

WEIGHT

Electronics plate	FT Steel
Servo	FT Steel
Total	1474 g

NOTES FT carbon side rails (#91879)
FT B6.3 carbon top plate and ballstud mount (#91875)
FT 3.5mm motor plate (#91908)
Revolution Design -5mm LCG wing mount (#RDRP0545)
Revolution Design battery mount (#RDRP0558)
TWorks carbon servo mount brace (#TE-234)
Tworks titanium UFO screw kit (full car)
Lunsford 3.5mm titanium turnbuckle kit
Klinik titanium ball stud kit (#KRC-BSB6)
All nuts are aluminum

TIRES

	FRONT	REAR
Tire brand / type	J concepts fuzzbites	J concepts Fuzzbites
Tire compound	Pink	Pink
Tire insert	Stock	Stock
Wheel brand / type	J concepts	J concepts

ELECTRONICS

Battery brand	Trinity
Battery capacity	4100 mAh
ESC brand	Pro Performance RC
ESC model	XSC150P
Motor brand	Trinity
Motor model	Xfactor Certified Plus
Motor wind	17.5 turns
Radio brand	Sanwa/Airtronics
Servo brand	Pro Performance RC
Servo model	FS10HV-SR

NOTES Revtech aluminum motor fan
1up racing carbon capacitor mount (#190504)