AE RC10 B6.3

Setup: Grass Mid East regional WBMCC · Steven Playford (Myself) · Jun 21, 2022

so dialed
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EVENT

Event	Mids-East Regionals

TRACK

Track	WBMCC Rugby club Grass
Type	Outdoor hard-packed
Grip / moisture	Medium / Dry
Surface / layout	Bumpy/Rutted / Open/Medium
Air temp	17.5°C (64°F)

FRONT SUSPENSION

ACKERMANN	
Inner steering stud spacers	1 mm
Steering plate	+1mm
Anti-roll bar	None
Arms	Gull-wing
Axle height	+0 mm
Bulkhead	Aluminum
Bumpsteer: outer steering stud spacers	2 mm
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	0 mm
Outer stud location	A - Inside
Caster	35 deg - Kick-up: 30 / Block insert: +5
Ride height	19 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3 - Outside
Steering stop spacers	0 mm
Toe	+1 degrees
Tower	B6.3 Gull-wing
Track: wheel hexes	5mm Aluminum
Trail: steering block	3 mm
Wheelbase: caster block spacers - F/R	0 / 1 mm

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Cut stagger	Schumacher Mezzo
Tire compound	Yellow	Yellow
Tire insert	None	Medium
Wheel brand / type	J Concepts	J Concepts

REAR SUSPENSION

Anti-roll bar	None
Arms	73mm
Axle height: hub insert	0 (0/3 up)
C mount	Wide aluminum
C mount inserts	0.5 out
Camber	-1 degrees
CAMBER LINK	
Inner stud location	3 - Outside
Inner stud spacers	2 mm
Outer stud mount spacers	2 mm
Outer stud spacers	2 mm
D mount	Wide aluminum
D mount inserts	0 center
Differential height	0 mm
Hubs	Plastic
Ride height	19 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3 - Mid-out
Tower	Wide
Track: wheel hexes	5mm
WHEELBASE	
Arm spacers	Short (forward)
Hub spacers	Middle

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	Kit

Battery position	Front hole / 2
Body	Kit
Chassis	B6.3 +3mm
Rear wing angle	6 degrees

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	+0mm Short	+2mm Long
Limiters - internal/external	0 / 0 mm	1 / 0 mm
Oil weight	400 cst	350 cst
Pistons	2mm 2x1.5mm FT v2	2mm 2x1.6mm FT v2
Shafts	v2 3x21mm TiN	v2 3x27.5mm TiN
Springs	4.60lb Red	2.00lb Gray
Stroke	24 mm	28 mm

Shock oil brand	CORE

DRIVETRAIN

Axle	+2mm CVA
Clutch pads	2 x 11mm ID Octalock LCF
Clutch type	Slipper; HD B6.3
Differential fluid	5,000 cst
Differential fluid brand	Team Associated
Differential type	Ball
Drive ratio - internal	2.60
Driveshafts	69mm
Pinion	22 teeth
Spur	78 teeth
Transmission gears	3
Transmission orientation	Laydown

NOTES Freshly built Ball diff. 1 full rotation of the wheel when holding the spur.

ELECTRONICS

Battery brand	Turnigy
Battery capacity	4000 mAh
ESC brand	Hobbywing
ESC model	10bl120
Motor brand	Trinity
Motor timing	0 degrees
Motor wind	7.5 turns