AE RC10 B6.3 D

Setup: RHR GP 2021 · Ryan Clarke · Jul 11, 2022

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EVENT	
Event	RHR GP

TRACK	
Track	Robin Hood Raceway
Type	Outdoor astroturf
Grip / moisture	High/Medium / Dry
Surface / layout	Bumpy / Medium

FRONT SUSPENSION

ACKERMANN	
Inner steering stud spacers	2 mm
Steering plate	+1mm
Anti-roll bar	None
Arms	Gull-wing
Axle height	+2 mm
Bulkhead	Brass
Bumpsteer: outer steering stud spacers	0 mm
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	1 mm
Outer stud location	A - Inside
Caster	30 deg - Kick-up: 25 / Block insert: +5
Ride height	17 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	Second from outside on new 6.3 tower
Steering stop spacers	0 mm
Toe	0 degrees
Tower	B6.3 Gull-wing
Track: wheel hexes	Avid RC Triad 5mm
Trail: steering block	4 mm
Wheelbase: caster block spacers - F/R	1/0 mm

NOTES Front hub Forwards

ELECTRONICS

Battery brand	Intellect Pioneering
Battery capacity	4200 mAh
Battery model	LCG
ESC brand	Hobbywing
ESC model	Xr10 Pro G2
Motor brand	Hobbywing
Motor model	G10 V3
Motor wind	7 turns
Radio brand	Sanwa/Airtronics
Radio model	Exzes zz
Receiver brand	Sanwa/Airtronics
Receiver model	R481
Servo brand	Highest
Servo model	D1000 Pro

REAR SUSPENSION

Anti-roll bar	None
Arms	73mm
Axle height: hub insert	+2 mm (1/2 down)
C mount	Wide aluminum
C mount inserts	0.5 up and out
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	3 mm
Outer stud mount spacers	2 mm
Outer stud spacers	2 mm
D mount	Wide aluminum
D mount inserts	1 down
Differential height	2 mm
Hubs	Plastic
Ride height	17 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Mid-out
Tower	Wide
Track: wheel hexes	5mm
WHEELBASE	
Arm spacers	Short (forward)
Hub spacers	Middle

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Stagger	Schumacher mezzo
Tire compound	Yellow	Yellow
Tire insert	None	Closed-cell
Wheel brand / type	JConcepts	Schumacher
Tire prep - F/R	1 off outer Rear	

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	+0mm Short	+2mm Long
Limiters - internal/external	0 / 0 mm	0 / 0 mm
Oil weight	40 wt	32.5 wt
Pistons	2 x 1.6mm FT v2	2 x 1.7mm FT v2
Shafts	x2 3x21mm Chrome	x2 3x27.5mm Chrome
Springs	4.60lb Red	2.20lb Blue
Stroke	22 mm	27.5 mm
Shock oil brand	Team Associated	

DRIVETRAIN

Axle	+2mm CVA
Clutch pads	2 x 11mm ID Octalock LCF
Clutch type	Slipper; HD B6.3
Differential type	Ball
Drive ratio - internal	2.60
Driveshafts	69mm
Spur	78 teeth
Transmission gears	3
Transmission orientation	Laydown

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	Proline LW
Battery position	1 back from front	
Body	Proline Axis	
Chassis	B6.3D	
Rear wing angle	6 degrees	
WEIGHT		
Electronics plate	Steel	
Servo	Steel	