AE RC10 B74.1

Setup: Dcmcc Summer Series Rd1 · Ryan Clarke · May 11, 2022

so dialed
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EVENT	
Event	Dcmcc Summer Series RD1

TRACK	
Track	NERC
Type	Outdoor astroturf
Grip / moisture	Medium / Dusty
Surface / layout	Medium / Medium

RESULTS	
Race type	Main

FRONT SUSPENSION

A mount inserts	0.5 up
Anti-roll bar	1.7mm
Arms	Kit
Axle height	+2 mm
B mount inserts	0 center
Camber	-1 degrees
CAMBER LINK	
Inner stud location	5 - Inside middle
Outer stud spacers	1.0 mm
Caster block	10 degrees
Differential height	+1mm (1 dot up)
Ride height	17 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	2 - Middle
Steering block arms	Kit
Steering blocks	Kit
Steering link stud spacers - in/out	3/ 0 mm
Steering link: inner stud location	2 - Back
Toe	0 degrees
Tower	Kit
Track: wheel hexes	5mm
Wheelbase: arm spacers	Long (arm forward)

NOTES Moved to inside hole on the arm looking for more steering after round 1, was too aggressive

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Mezzo	Schumacher Mezzo
Tire compound	Yellow	Yellow
Tire insert	Closed-cell	Open-cell
Tire prep	Chevron 3 off 3 on	–
Wheel brand / type	JConcepts	JConcept

NOTES I really wanted to stick with the mezzo front to match the Mezzo control rear tyre.

Opted for the closed cell insert to stiffen the sidewall of the tyre

REAR SUSPENSION

Anti-roll bar	1.6mm
Arms	Kit
Axle height (hub insert)	+1mm - 1 up / 2 down
C mount	LRC
C mount inserts	0 center
Camber	-1 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud mount spacers	2 mm
Outer stud spacers	1 mm
D mount	LRC
D mount inserts	0 center
Differential height	+1mm (1 dot up)
Hubs	Kit
Ride height	17 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle
Tower	Kit
Track: wheel hexes	5mm
WHEELBASE	
Arm spacers	Short (arm forward)
Hub spacers	Middle

BODY & CHASSIS

	FRONT	REAR
Wing	No	Proline Lw
Battery position	3	
Body	Proline Axis LW	
Chassis	v2	
Chassis brace - front	Plastic & fiberglass	
Chassis brace - front screws	All	
Chassis brace - rear	Plastic & fiberglass	
Chassis brace - rear screws	All	
Motor mount	Kit	
Rear wing angle	6 degrees	
Top plate brace	None	
Weight: total	1636 g	

SHOCKS

	FRONT	REAR
Bodies	12 x 23mm Fox Kshima	12 x 27mm Fox Kashima
Cup offset	9 mm	5 mm
Eyelet length	Long	Long
Limiters - int/ext	0 / 1 mm	0 / 1 mm
Oil weight	500 cst	400 cst
Pistons	2 x 1.6mm Thin	2 x 1.7 Thin
Shafts	3 x 23mm Chrome	3x27.5mm v2 Chrome
Springs	v2 Yellow	v2 Gray
Stroke	22.5 mm	27.5 mm
Shock oil brand	CORE	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	7,000 cst
Diff gears	Plastic	Plastic
Diff mass	36 g	36 g
Center diff fluid	200,000 cst	
Center diff gears	Plastic	
Center diff mass	37 g	
Diff fluid brand	AE	

DRIVETRAIN

Clutch pads	Na
Clutch tightness	0 mm
Drive ratio - internal	2.5
Drive type	Differential
Driveshafts - front	74mm CVA
Driveshafts - rear	66m CVA
Pinion	21 teeth
Spur	78 teeth

NOTES Centre Diff all day

ELECTRONICS

Battery brand	Intellect Pioneering
Battery capacity	4200 mAh
ESC brand	Hobbywing
ESC model	Xr10 pro
Motor brand	Hobbywing
Motor model	V10 g3
Motor wind	6.5 turns
Radio brand	Sanwa/Airtronics
Radio model	Exzes ZZ
Servo brand	Highest
Servo model	D1000