AE RC10 B74.1

Setup: Neam Summer Series 18/4/21 · Ryan Clarke · May 11, 2022

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EVENT	
Event	Summer Series Round 1

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

FRONT SUSPENSION

A mount inserts	1 out
Anti-roll bar	1.6mm
Arms	Kit
Axle height	+3 mm
B mount inserts	1 in
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	A - Inside
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	4mm
Wheelbase: arm spacers	Long (arm forward)

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

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	-2 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud mount spacers	1 mm
Outer stud spacers	2 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	1 - Inside
Tower	Kit
Track: wheel hexes	5mm
WHEELBASE	
Arm spacers	Short (arm forward)
Hub spacers	Short (hub forward)

BODY & CHASSIS

	FRONT	REAR
Wing	No	Proline Lw
Battery position	4 - Front	
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	35 wt	32.5 wt
Pistons	2 x 1.6mm FT v2	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	Team Associated	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	10,000 cst
Diff gears	Plastic	Plastic
Diff mass	36 g	36 g
Center diff fluid	300,000 cst	
Center diff gears	Plastic	
Center diff mass	37 g	
Diff fluid brand	AE	

NOTES Possibly look to drop the rear diff to 7k for the next round if the conditions are the same.

TIRES

	FRONT	REAR
Tire brand / type	Proline Pyramid	Proline Pyramid
Tire compound	Z4	Z4
Tire insert	Open-cell	Open-cell
Tire prep	1 in 1 out off	–
Wheel brand / type	JConcepts	JConcept

NOTES Changed to the proline from the Schumacher Dart after round 2 when the sand came up.

Proline were quicker in the conditions

All tyres were worn before the meeting