AE RC10 B74.1

Setup: Grass base · Ryan Clarke · May 11, 2022

so dialed
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TRACK

Track	Grass base
Type	Outdoor loose/loamy
Grip / moisture	Medium / Dry
Surface / layout	Bumpy

FRONT SUSPENSION

A mount inserts	0 center
Anti-roll bar	1.4mm
Arms	Kit
Axle height	+1 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	0 (2 dots up)
Ride height	18 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	1 / 0 mm
Steering link: inner stud location	2 - Back
Toe	0 degrees
Tower	Kit
Track: wheel hexes	5mm
Wheelbase: arm spacers	Long (arm forward)

DRIVETRAIN

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

ELECTRONICS

Battery brand	Intellect Pioneering
Battery capacity	4200 mAh
Battery model	Lcg
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

NOTES Play with drive frq on esc
Also look at expo on transmitter

REAR SUSPENSION

Anti-roll bar	1.2mm
Arms	Kit
Axle height (hub insert)	+0mm - 0 up / 3 down
C mount	LRC
C mount inserts	0.5 down and in
Camber	-1 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud mount spacers	2 mm
Outer stud spacers	0 mm
D mount	LRC
D mount inserts	1 down
Differential height	0 (2 dots up)
Hubs	Kit
Ride height	18 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
Tower	Kit
Track: wheel hexes	6mm
WHEELBASE	
Arm spacers	Short (arm forward)
Hub spacers	Short (hub forward)

NOTES If the rear feels loose change pills to
C block- 1down and in
D block - 1 down

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Wide Stagger	Schumacher Mini Spike
Tire compound	Yellow	Yellow
Tire insert	Open-cell	Open-cell
Wheel brand / type	JConcepts	Jconcepts
Tire prep	–	1 off outer

NOTES If looking for more steering go to Mini Spike fronts 1 off outer

SHOCKS

	FRONT	REAR
Bodies	12x23mm v2 Kashima	12x27.5mm v2 Kashima
Cup offset	9 mm	5 mm
Eyelet length	Long	Long
Limiters - int/ext	1 / 0 mm	1 / 1 mm
Oil weight	500 cst	400 cst
Pistons	2x1.6 thin	2x1.7 Thin
Shafts	3x23mm v2 Chrome	3x27.5mm v2 Chrome
Springs	v2 Yellow	v2 White
Stroke	22.5 mm	28 mm
Shock oil brand	CORE	

NOTES Machined internals
If the rear end feels loose drop down a spring.

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	34.5 g	
Diff fluid brand	AE	

BODY & CHASSIS

	FRONT	REAR
Wing	No	Proline
Battery position	4 - Front	
Body	Lightweight	
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	

NOTES Move better back if the rear end is loose