AE RC10 B74

Setup: Astro Base · Ryan Clarke · Nov 9, 2021

so dialed
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TRACK

Track	Astro Base
Type	Outdoor astroturf
Grip / moisture	Medium / Dry
Surface / layout	Bumpy / Tight

FRONT SUSPENSION

A mount inserts	1 out
Anti-roll bar	1.6 mm
Arms	Kit
Axle height	+2 mm
B mount inserts	1 in
Camber	-1 degrees
CAMBER LINK	
Inner stud location	Middle on -2 composite kit tower
Outer stud spacers	0 mm
Differential height	+2mm (1 dot down)
Hub carrier	10 degrees
Ride height	17 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	2 - Middle
Steering crank stud location	3 - Outside
STEERING LINK	
Inner stud location	1 - Front
Inner stud spacers	0 mm
Outer stud spacers	0 mm
Steering plate / arm	Kit
Toe	0 degrees
Tower	Composite Kit RxM -4mm -2mm camber
Track: wheel hexes	5mm
Wheelbase: arm spacers	Long (arm forward)

BODY & CHASSIS

	FRONT	REAR
Wing	No	Kit

Battery position	Forwards
Body	Proline Axis
Chassis brace - front	Plastic and carbon
Chassis brace - front screws	All
Chassis brace - rear	Plastic and carbon
Chassis brace - rear screws	All
Motor mount	Kit
Rear wing angle	6 degrees
Top plate brace	Carbon

REAR SUSPENSION

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

DRIVETRAIN

Clutch pads	3
Clutch setting	2mm
Drive type	Differential
Driveshafts - front	74mm CVA
Driveshafts - rear	66mm CVA
Pinion	21 teeth
Spur	78 teeth

NOTES 300k centre

ELECTRONICS

Battery brand	Reedy
Battery capacity	4000 mAh
Battery model	Zapper lcg

SHOCKS

	FRONT	REAR
Bodies	12x24mm FOX Kashima coated	12x31mm FOX Kashima coated
Cup offset	9 mm	5 mm
Eyelet length	Short	Short
Limiters (external)	0 mm	0 mm
Limiters (internal)	2 mm	2 mm
Oil weight	500 cst	400 cst
Pistons	2x1.6 Thin	2x1.7 Thin
Shafts	3x24mm v2 TiN	3x29mm v2 TiN
Springs	v2 Yellow	v2 Gray
Stroke	23 mm	28 mm

Shock oil brand	CORE

NOTES Machined internals

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	7,000 cst
Diff gears	Plastic	Plastic
Diff mass	36.6 g	36.6 g

Center diff fluid	300k cst
Center diff gears	Plastic
Center diff mass	35.9g
Diff fluid brand	AE

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Dart	Schumacher Dart
Tire compound	Yellow	Yellow
Tire insert	Open-cell	Open-cell
Tire prep	2 of outer 1 off inner	1 off outer
Wheel brand / type	Jconcepts	Jconcepts