AE RC10 B74.2/D

Setup: Hainburg Outdoor 2025 · Tomas Hildebrandt · May 20, 2025

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TRACK

Type	Outdoor astroturf
Grip / moisture	High/Medium / Dry
Surface / layout	Medium/Smooth / Open
Air temp	27.5°C (82°F)
Track temp	20°C (68°F)

FRONT SUSPENSION

A mount inserts	0 center
Ackermann: inner steering link location	2 - Back
Anti-roll bar	1.9mm
Arms	Gull wing - Carbon
Axle height	+3 mm
B mount inserts	0 center
BUMP STEER	
Inner steering link shims	1 mm
Outer steering link shims	0 mm
Camber	-1.5 degrees
CAMBER LINK	
Inner link location	5 - Inside middle
Outer link shims	2 mm
Caster block	9 degrees
Differential height	2 mm
Ride height	16 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Outside
Steering blocks	Kit
Steering plates	+2
Toe	-1 degrees
Tower	SRM
Track: wheel hexes	4mm
Wheelbase: arm shims	1 mm

TIRES

	FRONT	REAR
Tire brand / type	Mezzo	Mezzo
Tire compound	Gelb	Gelb
Tire insert	Tuby	Tuby
Wheel brand / type	Ruddog	Ruddog
Tire prep	VA 2a 2i	

REAR SUSPENSION

Anti-roll bar	1.9mm
Arms	Carbon
Axle height: hub insert	+2mm - 1 down / 2 up
C mount	LRC
C mount inserts	1 out
Camber	-1.5 degrees
CAMBER LINK	
Inner link location	2 - Middle
Outer stud mount shims	1 mm
Outer stud shims	2 mm
D mount	LRC
D mount inserts	0 center
Differential height	2 mm
Hubs	Carbon fiber
Ride height	16 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle
Tower	SRM
Track: wheel hexes	6mm
WHEELBASE	
Arm shims	Long (arm back) mm
Hub spacers	Middle

NOTES 2mm under Diffhousing

BODY & CHASSIS

	FRONT	REAR
Wing	–	Bittydesign
Battery position		1 - Rear
Body		Lightweight
FLEX		
Chassis		Revolution Design 2.5mm
Chassis brace - front		Carbon & carbon
Chassis brace - front screws		Front sides, Front, Middle, Rear
Chassis brace - rear		Carbon & carbon
Chassis brace - rear screws		Front, Mid-front, Mid-rear, Rear center, Rear sides
Top plate brace		Carbon
Motor mount		Kit
Rear wing angle		0 degrees
Rear wing mount		-2 mm
Screws & turnbuckles		titan
Weight balance (F/R)		49 / 51
Weight: total		1608 g

NOTES Ruddog Carbon Seitenwannen Gummiakkuhalterung Selbstbau

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	+2 mm	+0 mm
Limiters - int/ext	0 / 2 mm	0 / 2 mm
Oil weight	600 cst	500 cst
Pistons	2 x 1.7mm (2.5mm)	2 x 2.0 (2.0mm)
Springs	4.3lb Orange	2.3lb Yellow
Stroke	23 mm	28.5 mm
Shock oil brand	CORE	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	30,000 cst	30,000 cst
Diff gears	Molded	Molded
Diff mass	36.6 g	36.6 g
Diff type	LTC	LTC
Center diff fluid	1,000,000 cst	
Center diff gears	Molded	
Center diff mass	34.5 g	
Center diff type	LTC	
Diff fluid brand	Core	

DRIVETRAIN

Clutch pads	Kit
Clutch tightness	2.1mm
Drive ratio - final	7.50
Drive ratio - internal	2.5
Drive type	Differential
Driveshafts - front	DCV
Driveshafts - rear	66m CVA
Pinion	24 teeth
Spur	72 teeth

ELECTRONICS

Battery brand	Intellect Pioneering
Battery C rating	120 C
Battery capacity	4800 mAh
ESC brand	Orca
ESC model	OR1 WLE
ESC settings	Th 6000 - Br 3500 - Feel 4 - Punch 15 - Party 0
Motor brand	Orca
Motor model	Blittream 3
Motor wind	10.5 turns
Radio brand	Sanwa/Airtronics
Radio EPA steering	100 %
Radio EPA throttle	100 %
Radio model	M17
Servo brand	Power HD
Servo model	S25