AE RC10 B74.2/D

Setup: Astroturf Base Setup · Tomas Hildebrandt · Sep 2, 2024

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TRACK

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

RESULTS

Race type	Practice

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	+2 mm
B mount inserts	0 center
BUMP STEER	
Inner steering link shims	2 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	+1
Toe	-1 degrees
Tower	B74.2 Gull wing
Track: wheel hexes	5mm
Wheelbase: arm shims	1 mm

TIRES

	FRONT	REAR
Tire brand / type	Mezzo	Mezzo
Tire compound	Gelb	Gelb
Tire insert	Blau tuby	Blau tuby
Wheel brand / type	AE	AE

Tire prep	VA 2a 1i

REAR SUSPENSION

Anti-roll bar	1.8mm
Arms	Carbon
Axle height: hub insert	+1mm - 1 up / 2 down
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	Kit
Track: wheel hexes	6mm
WHEELBASE	
Arm shims	Long (arm back) mm
Hub spacers	Middle

BODY & CHASSIS

	FRONT	REAR
Wing	–	Blitz

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	6 degrees
Rear wing mount	-2 mm
Screws & turnbuckles	titan
Weight balance (F/R)	49 / 51
Weight: total	1588 g
Weights	None

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	550 cst	400 cst
Pistons	2 x 1.7mm (2.5mm)	2 x 1.8mm (2.5mm)
Springs	4.3lb Orange	2.2lb Blue
Stroke	22.5 mm	27.5 mm

Shock oil brand	CORE

DIFFERENTIALS

	FRONT	REAR
Diff fluid	20,000 cst	15,000 cst
Diff gears	Metal	Metal
Diff mass	45.75 g	45.75 g
Diff type	LTC	LTC

Center diff fluid	500,000 cst
Center diff gears	Metal
Center diff mass	43.75 g
Center diff type	LTC
Diff fluid brand	Team Associated

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	Team Undercover
Battery capacity	4400 mAh
ESC brand	Orca
ESC model	OR1 WLE
Motor brand	Ruddog
Motor model	RP542
Motor timing	34 degrees
Motor wind	10.5 turns