AE RC10 B74.2/D

Setup: Göttingen Warmup 2025 · Tomas Hildebrandt · Jun 15, 2025

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EVENT	
Event	DM Warmup 2025

TRACK	
Track	ORCB Göttingen
Type	Indoor astroturf
Grip / moisture	High / Dry
Surface / layout	Medium / Medium
Air temp	27.5°C (82°F)
Track temp	20°C (68°F)

RESULTS	
Race type	Qualifier
Race number	9
Finish	8th
Best lap	22.204 s
Average lap	23.5 s

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	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	10 degrees
Differential height	2 mm
Ride height	14 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
Steering blocks	Kit
Steering plates	+2
Toe	-1.5 degrees
Tower	SRM High Traction
Track: wheel hexes	4mm
Wheelbase: arm shims	1 mm

REAR SUSPENSION

Anti-roll bar	1.9mm
Arms	Carbon
Axle height: hub insert	+2mm - 1 down / 2 up
C mount	LRC
C mount inserts	0.5 out
Camber	-1.5 degrees
CAMBER LINK	
Inner link location	2 - Middle
Outer stud mount shims	0 mm
Outer stud shims	2 mm
D mount	LRC
D mount inserts	0 center
Differential height	2 mm
Hubs	Carbon fiber
Ride height	14 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle
Tower	SRM High Traction
Track: wheel hexes	6mm
WHEELBASE	
Arm shims	Long (arm back) mm
Hub spacers	Middle

NOTES Outer stud mount reversed for SRM High Traction Tower

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 x 2.0 (2.0mm)
Springs	4.3lb Orange	2.2lb Blue
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 g	36 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	8.18
Drive ratio - internal	2.5
Drive type	Slipper
Driveshafts - front	74mm CVA
Driveshafts - rear	66m CVA
Pinion	22 teeth
Spur	72 teeth

BODY & CHASSIS

	FRONT	REAR
Wing	–	F2
Battery position	1 - Rear	
Body	F2 light	
FLEX		
Chassis	B74.2	
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

TIRES

	FRONT	REAR
Tire brand / type	Fusion 2	Mezzo
Tire compound	Gelb	Gelb
Tire insert	Tuby	Tuby
Wheel brand / type	Ruddog	Ruddog
Tire prep	Klebekante	

ELECTRONICS

Battery brand	Intellect Pioneering
Battery capacity	4800 mAh
ESC brand	Orca
ESC model	OR1 WLE
ESC settings	Throttle Feel 4, Punch 15, 8000 Throttle PWM, 3800 Brake PWM, Brake Type 2
Motor brand	Orca
Motor model	Blittream 3
Motor timing	4 Ampere, 36 degrees
Motor wind	10.5 turns