AE RC10 B6.4

Setup: Stotfold dry · Alex Carter (CML distribution) · Nov 6, 2023

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EVENT

Event	Club day

TRACK

Track	Stotfoldmcc
Type	Outdoor astroturf
Grip / moisture	Medium/High / Dry
Surface / layout	Medium/Bumpy / Medium
Air temp	22.5°C (73°F)
Track temp	15°C (59°F)

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering block arm	+1mm
Anti-roll bar	1.0mm Blue
Arms	Gull-wing
Axle height: steering block shims	+2 mm
Bump steer: outer steering link shims	1 mm
Camber	-1 degrees
CAMBER LINK	
Inner link location	1 - Inside
Inner link shims	0 mm
Outer link location	A - Inside
Caster: caster block inserts	+5 degrees
Kick-up: bulkhead	+2.5 degrees
Ride height	17 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3 - Outside
Steering bellcrank angle	71181 carbon top plate degrees
Steering stop spacers	0 mm
Toe	-1 degrees
Tower	B6.3 Gull-wing
Trail: steering block	4 mm
Wheelbase: caster block shims	Long (hub forward)

ELECTRONICS

Battery brand	Intellect Pioneering
Battery capacity	4800 mAh
Motor brand	Hobbywing
Motor model	Justock
Motor timing	0 degrees
Motor wind	10.5 turns

REAR SUSPENSION

Anti-roll bar	1.3mm Gray
Arms	73mm
Axle height: hub inserts	+2 mm
C mount	Wide aluminum
C mount inserts	1 out
Camber	-1 degrees
CAMBER LINK	
Inner link location	2 - Middle
Inner link shims	3 mm
Outer link shims	2 mm
Outer mount shims	1 mm
D mount	Wide aluminum
D mount inserts	0.5 out
Differential height	2 mm
Hubs	Plastic
Ride height	17 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Mid-out
Tower	Wide
Track: wheel hexes	7mm
WHEELBASE	
Arm shims	Short (arm forward)
Hub shims	Middle

TIRES

	FRONT	REAR
Tire brand / type	Schumacher cut stagger	Schumacher mezzo
Tire compound	Yellow	Yellow
Tire insert	-	schumacher medium blue
Wheel brand / type	Centro	Centro

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	0 mm	+2 mm
Limiters - int/ext	0 / 1 mm	0 / 1 mm
Oil weight	550 cst	450 cst
Pistons	2mm 2x1.6mm holes	2mm 2x1.7mm holes
Springs	4.3lb Orange	2.3lb Yellow
Stroke	22 mm	27.5 mm
Shock oil brand	CORE	

DRIVETRAIN

Clutch pads	2 x 11mm ID Octalock LCF
Clutch type	Slipper; HD B6.3
Differential fluid	5,000 cst
Differential fluid brand	Team Associated
Differential type	Gear
Drive ratio - final	21/78 x2.6
Drive ratio - internal	2.60
Driveshafts	69mm
Spur	78 teeth
Transmission gears	3
Transmission orientation	Laydown

BODY & CHASSIS

	FRONT	REAR
Wing	B6.2	B6
Battery position	Front hole / 5	
Body	B6.4	
FLEX		
Chassis	B6.4 +3mm	
Chassis side rails	Standard	
Top plate	Standard	
Rear wing angle	6 degrees	
Weights	Chassis: 33g steel, 24g steel	