AE RC10 B6.4

Setup: Telford Dry · Micheal Hobday · Aug 7, 2024

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EVENT	
Event	Mid West Regional

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

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering block arm	+1mm
Anti-roll bar	None
Arms	Gull-wing graphite
Axle height: steering block shims	+1 mm
Bulkhead	Steel
Bump steer: outer steering link shims	0 mm
Camber	-1 degrees
CAMBER LINK	
Inner link location	2 - Outside
Inner link shims	1 mm
Outer link location	A - Inside
Caster: caster block inserts	+5 degrees
Kick-up: bulkhead	+2.5 degrees
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	2 - Middle
Steering bellcrank angle	22.5 degrees
Steering stop spacers	0 mm
Tower	B6.3 Gull-wing
Track: wheel hexes	Kit
Trail: steering block	4 mm
Wheelbase: caster block shims	Long (hub forward)

NOTES Using B7 KPI 2 steering with 2mm under ballstub and 0 plates

ELECTRONICS

Battery brand	Centro
Battery capacity	4000 mAh
Battery model	LCG
Motor brand	Muchmore
Motor model	Flexa ZX
Motor timing	26 degrees
Motor wind	6.5 turns

REAR SUSPENSION

Anti-roll bar	None
Arms	73mm
Axle height: hub inserts	+1 mm
C mount	Wide aluminum
C mount inserts	0.5 out
Camber	-2 degrees
CAMBER LINK	
Inner link location	3 - Outside
Inner link shims	3 mm
Outer link shims	1 mm
Outer mount shims	1 mm
D mount	Wide aluminum
D mount inserts	0 center
Differential height	2 mm
Hubs	Plastic
Ride height	16 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	3 - Mid-out
Tower	Wide
Track: wheel hexes	7mm
WHEELBASE	
Arm shims	Long (arm back)
Hub shims	Long (hub back)

BODY & CHASSIS

	FRONT	REAR
Wing	B6.2	B6
Battery position		Front hole / 5
Body		B6.4
FLEX		
Chassis		B6.4D
Chassis side rails		Standard
Top plate		Standard
Rear wing angle		6 degrees
Weights		Chassis: 33g steel, 24g steel, 22g under battery

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	0 mm	+4 mm
Limiters - int/ext	0 / 0 mm	0 / 2 mm
Oil weight	40 wt	32.5 wt
Pistons	2mm 2x1.7mm holes	2mm 2x1.8mm holes
Springs	4.3lb Orange	2.2lb Blue
Stroke	23.5 mm	29.5 mm
Shock oil brand	Team Associated	

NOTES 12mm Shocks

DRIVETRAIN

Clutch pads	Nova Slipper
Clutch type	Slipper; HD B6.3
Differential fluid	7,000 cst
Differential fluid brand	Team Associated
Differential type	Gear
Drive ratio - internal	2.60
Driveshafts	69mm
Pinion	23 teeth
Spur	78 teeth
Transmission gears	3
Transmission orientation	Laydown

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Cut Stagger	Schumacher Mezzo
Tire compound	Yellow	Yellow
Tire insert	–	Rubebits Cheater
Tire prep - F/R	Front Cut Stagger glued down and glued up to first cut staggers on the outside	