AE RC10 B6.4

Setup: B6.4 Carpet 17.5 · Josh Bommer (Team Associated & Reedy) · Jan 20, 2024

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TRACK

Track	HRCR
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Tight
Air temp	60°F (16°C)
Track temp	60°F (16°C)

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Steering block arm	B6.3 FT Carbon HT +1
Anti-roll bar	1.0mm Blue
Arms	Gull-wing graphite
Axle height: steering block shims	+0 mm
Bulkhead	Steel
Bulkhead	Kit
Bump steer: outer steering link shims	1 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	+2.5 degrees
Kick-up: bulkhead	+2.5 degrees
Ride height	13 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3 - Outside
Steering bellcrank angle	22.5 degrees
Steering stop spacers	1.25mm
Toe	0 degrees
Tower	B6.3 Gull-wing
Track: wheel hexes	B6 Hex Adapter, Front Axle, 7mm
Trail: steering block	3 mm
Wheelbase: caster block shims	Short (hub back)

ELECTRONICS

Battery brand	Reedy
Battery C rating	90 C
Battery capacity	4100 mAh
Battery model	SG4 Zappers
ESC brand	Reedy
ESC model	510R
Motor brand	Reedy
Motor model	SP5
Motor timing	44 degrees
Motor wind	17.5 turns
Radio brand	Futaba
Receiver brand	Futaba
Servo brand	Reedy
Servo model	RT1408

REAR SUSPENSION

Anti-roll bar	1.3mm Gray
Arms	73mm, Carbon
Axle height: hub inserts	+3 mm
C mount	Wide aluminum
C mount inserts	0.5 in
Camber	-1 degrees
CAMBER LINK	
Inner link location	2 - Middle
Inner link shims	2 mm
Outer link shims	1 mm
Outer mount shims	Bump facing wheel, 1mm
D mount	B6 Narrow D Mount
D mount inserts	0.5 in
Differential height	3 mm
Hubs	FT Carbon, hubs reversed
Ride height	13 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Mid-in
Tower	Wide
Track: wheel hexes	5mm
WHEELBASE	
Arm shims	Short (arm forward)
Hub shims	Short (hub forward)

BODY & CHASSIS

	FRONT	REAR
Wing	B6.2	B6
Battery position	Front hole / 5	
Body	JConcepts P2K	
FLEX		
Chassis	B6.4 +3mm	
Chassis side rails	Carbon	
Top plate	Carbon	
Rear wing angle	6 degrees	
Screws & turnbuckles	FT Titanium Turnbuckles	
Weight: total	1476 g	
Weights	Chassis: 33g steel, 24g steel	

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	0 mm	+2 mm
Limiters - int/ext	1/3 mm	0 / 3 mm
Oil weight	35 wt	30 wt
Pistons	2mm, 2x1.5, 1x1.1	2mm 2x1.8mm holes
Springs	4.6lb Purple	2.2lb Blue
Stroke	22.5 mm	29 mm

Shock oil brand: Team Associated

NOTES Fox bodies, chrome shafts, machined internals

DRIVETRAIN

Clutch pads	N/A
Clutch type	Direct drive
Differential fluid	20,000 cst
Differential fluid brand	Team Associated
Differential type	Gear
Drive ratio - internal	2.60
Driveshafts	MOD Puck 69mm
Pinion	31 teeth
Spur	72 teeth
Transmission gears	3
Transmission orientation	Laydown

NOTES Two gear planet gears, alloy pin, MOD puck outdrives

TIRES

	FRONT	REAR
Tire brand / type	JConcepts Fuzz Bites	JConcepts Nessi
Tire compound	Pink	Pink
Tire insert	None	Open Cell
Wheel brand / type	AE	AE

Tire prep - F/R: Front side walls glued