AE RC10 B6.3

Setup: My Base Setup · Justin Byrd · May 11, 2022

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TRACK

Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Tight
Air temp	20°C (68°F)
Track temp	17.5°C (64°F)

FRONT SUSPENSION

ACKERMANN	
Inner steering stud spacers	0 mm
Steering plate	Kit
Anti-roll bar	1.0mm Blue
Arms	Gull-wing
Axle height	+3 mm
Bulkhead	Aluminum
Bumpsteer: outer steering stud spacers	0 mm
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Inside
Inner stud spacers	1 mm
Outer stud location	A - Inside
Caster	30 deg - Kick-up: 25 / Block insert: +5
Ride height	14 mm
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	3 - Outside
Steering stop spacers	0 mm
Toe	+1 degrees
Tower	B6.3 Gull-wing
Track: wheel hexes	5mm Aluminum
Trail: steering block	4 mm
Wheelbase: caster block spacers - F/R	0 / 1 mm

TIRES

	FRONT	REAR
Tire brand / type	Schumacher	Schumacher
Tire compound	Yellow	Yellow
Tire insert	Open-cell	Open-cell
Wheel brand / type	Jcons	Jcons

NOTES Front 2wd wheel with Schumacher cactus 4wd tire with insert.
Must have insert or tire will bite and roll!

REAR SUSPENSION

Anti-roll bar	1.3mm Gray
Arms	73mm
Axle height: hub insert	+3 mm (0/3 down)
C mount	Wide aluminum
C mount inserts	1 out
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Inside
Inner stud spacers	2 mm
Outer stud mount spacers	2 mm
Outer stud spacers	2 mm
D mount	Wide aluminum
D mount inserts	1 in
Differential height	0 mm
Hubs	Plastic
Ride height	14 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Mid-out
Tower	Wide
Track: wheel hexes	5mm
WHEELBASE	
Arm spacers	Short (forward)
Hub spacers	Long (back)

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	Tlr rear wing
Battery position	Rear hole / 5	
Body	Jcon	
Chassis	B6.3 +3mm	
Rear wing angle	6 degrees	

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	+0mm Short	+2mm Long
Limiters - internal/external	0 / 0 mm	1 / 0 mm
Oil weight	37.5 wt	35 wt
Pistons	2mm 2x1.5mm FT v2	2mm 2x1.6mm FT v2
Shafts	v2 3x21mm TiN	v2 3x27.5mm TiN
Springs	4.60lb Red	2.20lb Blue
Stroke	24 mm	28 mm
Shock oil brand	Team Associated	

DRIVETRAIN

Axle	+2mm CVA
Clutch pads	2 x 11mm ID Octalock LCF
Clutch type	Direct drive
Differential fluid	5,000 cst
Differential fluid brand	Team Associated
Differential type	Gear
Drive ratio - internal	2.60
Driveshafts	69mm
Spur	78 teeth
Transmission gears	3
Transmission orientation	Laydown

ELECTRONICS

Battery brand	Maclan
Battery C rating	120c
Battery capacity	4000 mAh
Battery model	Graphine
ESC brand	Hobbywing
ESC model	10bl120
Motor brand	Tekin
Motor model	17.5t g4
Motor timing	50 degrees
Motor wind	17.5 turns
Radio brand	Spektrum
Radio model	Dx5c
Receiver brand	Spektrum
Receiver model	Sr215
Servo brand	Savox
Servo model	1258