AE RC10 B6.2

Setup: Mid East Series BMR 11/4/21 · Ryan Clarke · Aug 14, 2021

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TRACK

Track	BMR
Type	Outdoor astroturf
Grip / moisture	High / Dry
Surface / layout	Bumpy / Medium

FRONT SUSPENSION

Anti-roll bar	None
Arms	Gull-wing
Axle height	3 mm
Bulkhead	Brass
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	2 mm
Outer stud location	A - Inside
Caster	30 deg - Kick-up: 25 / Block insert: +5
Ride height	18 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle
STEERING LINK	
Inner stud spacers	2 mm
Outer stud spacers	0 mm
Steering plate / arm	+1mm
Steering stop spacers	0 mm
Toe	0 degrees
Tower	Gull-wing
Track: wheel hexes	5mm Aluminum
Trail	4 mm
Wheelbase: hub carrier spacers	Long (forward)

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	Proline

Battery position	All the way back.
Body	Kit
Chassis	Kit
Rear wing angle	6 degrees
WEIGHT	
Electronics plate	Steel 36g
Servo	Steel 24g
Total	1536 g

NOTES Long chassis to help calm it down on the hugh grip and super bumpy track

REAR SUSPENSION

Anti-roll bar	None
Arms	75mm
Axle height (hub insert)	+2 mm (1/2 down)
C mount	Aluminum
C mount inserts	0 - center
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	3 mm
Outer stud mount spacers	1 mm
Outer stud spacers	2 mm
D mount	Aluminum
D mount inserts	0.5 down
Differential height	2 mm
Hubs	Plastic
Ride height	18 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
Track: wheel hexes	6mm
WHEELBASE	
Arm spacers	Short (forward)
Hub spacers	Middle

NOTES Rear Shock stand off spaced 1mm off tower

TIRES

	FRONT	REAR
Tire brand / type	Schumacher LP UNCUT Stagger	Schumacher Dart
Tire compound	Yellow	Yellow
Tire insert	None	Open-cell
Wheel brand / type	Jconcepts	Jconcepts
Tire prep	–	Outers off rear

NOTES 1 row off the outer on rear

SHOCKS

	FRONT	REAR
Bodies	Team FOX	Team FOX
Cup offset	5 mm	0 mm
Eyelet length	Short	Long
Limiters (external)	0 mm	0 mm
Limiters (internal)	0	0
Oil weight	40 wt	30 wt
Pistons	2 x 1.6 FT Thin	2 x 1.7 FT Thin
Shafts	x2 3x21mm Chrome	x2 3x27.5mm Chrome
Springs	v2 Red	v2 Gray
Stroke	22 mm	27.5 mm

Shock oil brand	Team Associated

NOTES Machined shock internals

DRIVETRAIN

Clutch pads	Lcf
Clutch type	Slipper
Differential fluid	5,000 cst
Differential type	Ball
Driveshaft CVA pin location	Towards wheel
Driveshafts	69mm
Pinion	23 teeth
Spur	78 teeth
Transmission gears	3
Transmission orientation	Laydown

NOTES Start with ball diff

If really high grip and not much sand go to 7k 4 gear

ELECTRONICS

Battery brand	Reedy
Battery capacity	3600 mAh
Battery model	Zapper LCG
ESC brand	Hobbywing
ESC model	Xr10 Pro
Motor brand	Hobbywing
Motor model	V10 G3
Motor wind	7.5 turns
Radio brand	Sanwa/Airtronics
Radio model	Exzes ZZ
Receiver brand	Sanwa/Airtronics
Receiver model	481
Servo brand	Highest
Servo model	D1000 Pro