AE RC10 B6.2

Setup: Neam Summer Series Round 1 18/4/21 · Ryan Clarke · Aug 14, 2021

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EVENT	
Event	Summer Series round 1

TRACK	
Track	Neam
Type	Outdoor astroturf
Grip / moisture	Medium / Dusty
Surface / layout	Medium / Tight

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	17 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	Proline Axis LW
Chassis	+3mm
Rear wing angle	6 degrees
WEIGHT	
Electronics plate	Steel 36g
Servo	Steel 24g
Total	1536 g

NOTES Was on the long chassis but for the next round round will be moving to the short chassis.

The track is very tight and technical and there is zero traction off the racing line.

REAR SUSPENSION

Anti-roll bar	None
Arms	73 mm
Axle height (hub insert)	+1 mm (1/2 up)
C mount	Aluminum
C mount inserts	0 - center
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	3 mm
Outer stud mount spacers	2 mm
Outer stud spacers	2 mm
D mount	Aluminum
D mount inserts	0.5 down and out
Differential height	1 mm
Hubs	Plastic
Ride height	17 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
Track: wheel hexes	5mm
WHEELBASE	
Arm spacers	Short (forward)
Hub spacers	Short (forward)

NOTES Rear Shock stand off spaced 1mm off tower

TIRES

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

NOTES Would have liked full rears but was using worn tyres which already had the outer pin removed

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 White
Stroke	22 mm	27.5 mm

Shock oil brand: Team Associated

NOTES Machined shock internals

Possibly go back to the kit pistons to calm the car down alittle.

Also look to drop down to yellow front spring.

DRIVETRAIN

Clutch pads	Lcf
Clutch type	Slipper
Differential fluid	0 cst
Differential type	Ball
Driveshaft CVA pin location	Towards wheel
Driveshafts	67mm
Pinion	23 teeth
Spur	78 teeth
Transmission gears	3
Transmission orientation	Laydown

NOTES Ball diff all day, possibly a little too tight but I had a lot of things I was changing so didn't have time

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**