AE RC10 B6.2

Setup: Eos Carpet Base · Ryan Clarke · Oct 11, 2021

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TRACK

Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Medium

FRONT SUSPENSION

Anti-roll bar	None
Arms	Flat hard
Axle height	3 mm
Bulkhead	Brass
Camber	-1.5 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	14 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3 - Outside
STEERING LINK	
Inner stud spacers	2 mm
Outer stud spacers	0 mm
Steering plate / arm	+1mm
Steering stop spacers	0 mm
Toe	+1 degrees
Tower	Flat
Track: wheel hexes	5mm Aluminum
Trail	4 mm
Wheelbase: hub carrier spacers	Long (forward)

TIRES

	FRONT	REAR
Tire brand / type	Schumacher LP Cut Stagger	Schumacher Cactus
Tire compound	Yellow	Yellow
Tire insert	None	Open-cell
Wheel brand / type	Jconcepts	Jconcepts
Tire prep	–	1 in and 1 out removed

REAR SUSPENSION

Anti-roll bar	Blue (1.4mm)
Arms	75mm
Axle height (hub insert)	+3 mm (0/3 down)
C mount	Aluminum
C mount inserts	1 up and out
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	4 mm
Outer stud mount spacers	0 mm
Outer stud spacers	3 mm
D mount	Aluminum
D mount inserts	1 in
Differential height	3 mm
Hubs	Plastic
Ride height	14 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle
Track: wheel hexes	5mm
WHEELBASE	
Arm spacers	Short (forward)
Hub spacers	Long (back)

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	Proline

Battery position	Full forward
Body	Proline Axis
Chassis	Kit
Rear wing angle	0 degrees
WEIGHT	
Electronics plate	Steel 36g
Servo	Steel 24g

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	550 cst	400 cst
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 Blue
Stroke	21.5 mm	27.5 mm
Shock oil brand	CORE	

NOTES Machined shock internals

DRIVETRAIN

Clutch pads	Lcf
Clutch type	Slipper
Differential fluid	20,000 cst
Differential type	Gear
Driveshaft CVA pin location	Towards wheel
Driveshafts	69mm
Pinion	23 teeth
Spur	78 teeth
Transmission gears	3
Transmission orientation	Laydown

NOTES Start with 20k 2 gear
Have a 50k 2 gear option ready

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	6.5 turns
Radio brand	Sanwa/Airtronics
Radio model	Exzes ZZ
Receiver brand	Sanwa/Airtronics
Receiver model	Rx - 481
Servo brand	Highest
Servo model	D1000 Pro