AE RC10 B6.3 D

Setup: LCE Setup · Guillaume Lapointe · Feb 6, 2024

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TRACK

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

FRONT SUSPENSION

ACKERMANN	
Inner steering stud spacers	1 mm
Steering plate	+1mm
Anti-roll bar	None
Arms	Gull-wing
Axle height	+2 mm
Bulkhead	Plastic
Bumpsteer: outer steering stud spacers	0 mm
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	1 mm
Outer stud location	A - Inside
Caster	30 deg - Kick-up: 25 / Block insert: +5
Ride height	21 mm
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	1 - Inside
Steering stop spacers	0 mm
Toe	0 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	JConcept Dirt Web	JConcept Ellipse
Tire compound	Silver	Silver
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	Associated	Associated

REAR SUSPENSION

Anti-roll bar	None
Arms	73mm
Axle height: hub insert	+1 mm (1/2 up)
C mount	Wide aluminum
C mount inserts	1 out
Camber	-1 degrees
CAMBER LINK	
Inner stud location	3 - Outside
Inner stud spacers	3 mm
Outer stud mount spacers	1 mm
Outer stud spacers	2 mm
D mount	Wide aluminum
D mount inserts	0.5 down and out
Differential height	2 mm
Hubs	Plastic
Ride height	21 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	Long (back)
Hub spacers	Middle

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	Kit
Battery position	Front hole / 4	
Body	Kit	
Chassis	B6.3D	
Rear wing angle	6 degrees	

ESC SETTINGS

Brake: Frequency	24 kHz
Throttle: Frequency	32 kHz

SHOCKS

	FRONT	REAR
Cup offset	5 mm	5 mm
Eyelet length	+2mm Long	+2mm Long
Limiters - internal/external	0 / 0 mm	0 / 0 mm
Oil weight	32.5 wt	30 wt
Pistons	2mm 2x1.6mm FT v2	2mm 2x1.7mm FT v2
Shafts	x2 3x23mm Chrome	x2 3x27.5mm Chrome
Springs	3.40lb White	1.81lb Green
Stroke	21 mm	27.5 mm
Shock oil brand	TLR OIL	

NOTES Shocks Fox with Kashima coating x4

DRIVETRAIN

Axle	+2mm CVA
Clutch pads	2 x 11mm ID Octalock LCF
Clutch type	Slipper; HD B6.3
Differential fluid brand	Team Associated
Differential type	Ball
Drive ratio - internal	2.60
Driveshafts	69mm
Pinion	22 teeth
Spur	78 teeth
Transmission gears	3
Transmission orientation	Laydown

ELECTRONICS

Battery brand	Spektrum
Battery C rating	130 C
Battery capacity	4000 mAh
Battery model	Shorty 5mm
ESC brand	Hobbywing
ESC model	Xr10 xerun 160 PRO G2s
Motor brand	Hobbywing
Motor wind	8.5 turns
Radio brand	Flysky
Radio model	Noble NB4
Receiver brand	Flysky
Receiver model	FGR4S
Servo brand	Power HD
Servo model	R20
Transponder ID	4897416