AE RC10 B6.3 D

Setup: LSR 17.5 · Cliff Babcock · Sep 25, 2023

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EVENT

Event	Practice

TRACK

Track	LSR Speedway
Type	Indoor clay
Grip / moisture	High / Wet
Surface / layout	Bumpy/Smooth / Medium/Tight
Air temp	50°F (10°C)
Track temp	55°F (13°C)

FRONT SUSPENSION

ACKERMANN	
Inner steering stud spacers	0 mm
Steering plate	B6 FT +1mm
Anti-roll bar	None
Arms	Gull-wing
Axle height	+2 mm
Bulkhead	Aluminum
Bumpsteer: outer steering stud spacers	0 mm
Camber	-1 degrees
CAMBER LINK	
Inner stud location	3 - Outside
Inner stud spacers	0 mm
Outer stud location	A - Inside
Caster	27.5 deg - Kick-up: 25 / Block insert: +2.5
Ride height	20 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 Titanium
Trail: steering block	4 mm
Wheelbase: caster block spacers - F/R	0 / 1 mm

NOTES Changed 12/6/22

TIRES

	FRONT	REAR
Tire brand / type	Proline Shadow/Proline Positron/Proline Electron/	Proline Shadow/Proline Resistor/Proline Positron
Tire compound	Proline MC Purple	Proline MC Purple
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	JCONCEPTS 2.2 mono	JCONCEPTS mono
Tire prep - F/R	Sand the newness off, put on the roller.for a few minutes. Sauce for a few minutes before the race then dry.	

NOTES Clay track, high grip

REAR SUSPENSION

Anti-roll bar	None
Arms	73mm
Axle height: hub insert	+2 mm (1/2 down)
C mount	Wide aluminum
C mount inserts	0 center
Camber	0 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	0 mm
Outer stud mount spacers	2 mm
Outer stud spacers	0 mm
D mount	Wide aluminum
D mount inserts	1 down
Differential height	2 mm
Hubs	Aluminum
Ride height	19 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	Long (back)

NOTES Changed 12/6/22

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	Kit
Battery position	Took the waterfall brace off and moved the battery back next to the motor. JCONCEPTS aluminum battery holder.	
Body	Kit	
Chassis	B6.3 +3mm	
Rear wing angle	0 degrees	
Weight balance (F/R)	44 / 56	
WEIGHT		
Electronics plate	Servo steel 9g ESC steel 13g	
Servo	55g	
Total	1544 g	

SHOCKS

	FRONT	REAR
Cup offset	0 mm	5 mm
Eyelet length	+2mm Long	+2mm Long
Limiters - internal/external	0 / 0 mm	0/1 mm
Oil weight	37.5 wt	32.5 wt
Pistons	2 x 1.7mm FT v2	2 x 1.7mm FT v2
Shafts	x2 3x21mm Chrome	x2 3x27.5mm Chrome
Springs	3.40lb White	v1 2.10lb White
Stroke	21 mm	27.5 mm
Shock oil brand	Team Associated	

NOTES Changed 12/6/22

DRIVETRAIN

Axle	+2mm CVA
Clutch pads	2 x 11mm ID Octalock LCF
Clutch type	Slipper; HD B6.3
Differential type	Ball
Drive ratio - internal	2.60
Driveshafts	69mm
Pinion	31 teeth
Spur	75 teeth
Transmission gears	3
Transmission orientation	Laydown

NOTES Changed 12/6/22

ELECTRONICS

Battery brand	**ProTek**
Battery C rating	**120 C**
Battery capacity	**4600 mAh**
Battery model	**Graphine plus**
ESC brand	**Hobbywing**
ESC model	**Xerun x10 pro stock spec v4**
ESC settings	**Stock racing**
Motor brand	**R1WURKS**
Motor model	**V21-S**
Motor timing	**44 degrees**
Motor wind	**17.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio EPA steering	**102 108 %**
Radio EPA throttle	**100 %**
Radio model	**M12S RS**
Receiver brand	**Sanwa/Airtronics**
Receiver model	**RX-482**
Servo brand	**ProTek**
Servo model	**160TBL**