AE RC10 B7/D

Setup: CRC Hobbies · Ryan Atkinson · Aug 11, 2025

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EVENT

Event	2025 Summer Off Road Point Series
Class	17.5 2wd Buggy

TRACK

Track	CRC Hobbies
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Tight/Medium
Air temp	65°F (18°C)

RESULTS

Race type	Qualifier
Race number	1
Finish	1st
Best lap	12.229 s
Average lap	12.374 s

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering plate	+1mm
Anti-roll bar	0.8 mm
Arms	Carbon
Axle height: steering block shims	+3 mm
Bellcrank link length	1 mm
Bellcrank orientation	Up
Bulkhead	0 deg aluminum
Bulkhead shims	0 mm
Bump steer: outer steering link shims	0 mm
Camber	-2 degrees
CAMBER LINK	
Inner location	1 - In
Inner shims	2 mm
Outer mount	+0 mm
Outer shims	0 mm
Caster: caster block inserts	-2.5 degrees
Kick-up	0 degrees
Ride height	12 mm
Servo horn shims	3 mm
SHOCKS	
Arm mounts	C - Out
Tower mounts	1 - In
Steering block KPI	2 degrees
Steering blocks	Standard
Steering stop shims	0 mm
Toe	0 degrees
Tower	Standard
Track: wheel hexes	R1 Wurks DC1 front axles. Part#990072 mm
Wheelbase: caster block shims	Long

REAR SUSPENSION

Anti-roll bar	1.3 mm
Arms	Carbon
Axle height: hub inserts	+3 mm
C mount	J&T Bearing Co. Black C Block
C mount inserts	0.5 down and in
Camber	-2 degrees
CAMBER LINK	
Inner location	2 - Mid
Inner shims	2.5 mm
Outer mount shims	2.5 mm
Outer shims	2.5 mm
D mount	J&T Bearing Co. Black D Block
D mount inserts	0.5 up
Differential height	0 mm
Hubs	Standard
Ride height	12 mm
SHOCKS	
Arm mounts	C - Out
Tower mounts	3 - Mid-out
Tower	Standard
Track: wheel hexes	5 mm
WHEELBASE	
Arm shims	Short
Hub shims	Short

TIRES

	FRONT	REAR
Tire brand / type	Jconcepts Pin Swag	Jconcepts Fuzz Bite
Tire compound	Pink	Pink
Tire insert	No Insert	Stock
Wheel brand / type	Jconcepts Mono	Jconcepts Mono

NOTES SXT 3.0 Tire Sauce. 1/4” foam trimmed of the rear insert.

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	0 mm	+2 mm
Oil weight	37.5 wt	32.5 wt
Pistons	2.5mm 2x1.8mm holes	2.5mm 2x1.9mm holes
Springs	4.3lb Orange	AE V2 12mm Blue
Stroke	23 mm	28 mm

Shock bodies	Standard
Shock oil brand	Team Associated
Shock shafts	Standard

NOTES Klinik RC Black Shock Collars

DRIVETRAIN

Clutch pads	2 x 19mm
Clutch type	Slipper
Differential fluid	30,000 cst
Differential fluid brand	Team Associated
Differential type	Gear - metal
Drive ratio - internal	2.60
Driveshafts	69mm CVA
Pinion	30 teeth
Spur	78 teeth

BODY & CHASSIS

	FRONT	REAR
Wing	B7	Jconcepts Turf Wing

Battery mount offset	Standard
Battery position	4
Body	Jconcepts F2
Chassis	B7 -4mm
FLEX	
Gearbox	Carbon
Side rails	Carbon
Top plate	Carbon
Rear wing angle	6 degrees
Screws & turnbuckles	Klinik RC Gold Titanium upper screws and turnbuckles
Weight balance - F/R	43 / 57 %
Weight: total	N/A g
Weights: electronics plate	11g Aluminum

ELECTRONICS

Battery brand	**Gens Ace**
Battery C rating	**130 C**
Battery capacity	**6000 mAh**
Battery model	**Redline**
ESC brand	**Tekin**
ESC model	**RS Pro**
ESC settings	**Stock with no drag brake**
Motor brand	**Maclan**
Motor model	**V4 Stock 17.5**
Motor timing	**40 degrees**
Radio brand	**Futaba**
Radio EPA brake	**55 %**
Radio EPA throttle	**100 %**
Radio model	**T10PX**
Receiver brand	**Futaba**
Receiver model	**F-4G**
Servo brand	**REDS**
Servo model	**SRX 15**

ESC SETTINGS

BRAKE

Drag	**0 %**
Frequency	**6000 kHz**
Strength	**100**

THROTTLE

Frequency	**6000 kHz**
Neutral range	**3 %**
Strength	**100**