AE RC10 B7/D

Setup: 2025 St. Patrick's Day Shootout · Ryan Atkinson · Mar 18, 2025

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EVENT

Event	2025 St. Patrick's Day Shootout
Class	17.5 2wd Buggy

TRACK

Track	RJD Hobbies
Type	Indoor clay
Grip / moisture	Low/Medium / Wet/Muddy
Surface / layout	Medium/Bumpy / Medium/Open
Air temp	60°F (16°C)
Track temp	35°F (2°C)

RESULTS

Race type	Qualifier
Race number	1
Finish	1st

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering plate	+1mm
Anti-roll bar	0 mm
Arms	Standard
Axle height: steering block shims	+0 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	1.5 mm
Caster: caster block inserts	-2.5 degrees
Kick-up	0 degrees
Ride height	21 mm
Servo horn shims	3 mm
SHOCKS	
Arm mounts	C - Out
Tower mounts	3 - Out
Steering block KPI	1 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	0 mm
Arms	Standard
Axle height: hub inserts	0 mm
C mount	R1 Wurks Black C-Mount Part#900057
C mount inserts	0 center
Camber	-2 degrees
CAMBER LINK	
Inner location	2 - Mid
Inner shims	2.5 mm
Outer mount shims	2 mm
Outer shims	2.5 mm
D mount	R1 Wurks Black D-Mount Part#900058
D mount inserts	1 down
Differential height	3 mm
Hubs	Standard
Ride height	21 mm
SHOCKS	
Arm mounts	B - Mid
Tower mounts	4 - Out
Tower	Standard
Track: wheel hexes	5 mm
WHEELBASE	
Arm shims	Short
Hub shims	Short

TIRES

	FRONT	REAR
Tire brand / type	Jconcepts Ellipse	Jconcepts Ellipse
Tire compound	Silver	Silver
Tire insert	Stock	Stock
Wheel brand / type	Jconcepts Mono	Jconcepts Mono

NOTES Sticky Kicks RC Gold V2 Tire Sauce

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	0 mm	+2 mm
Oil weight	35 wt	30 wt
Pistons	2mm 3x1.5mm	2mm 3x1.6mm
Springs	AE V2 12mm White	AE V2 12mm Green
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	Ball
Drive ratio - internal	2.60
Driveshafts	69mm CVA
Pinion	26 teeth
Spur	78 teeth

BODY & CHASSIS

	FRONT	REAR
Wing	B7	Proline 7" Air-Force

Battery mount offset	Standard
Battery position	3
Body	B7
Chassis	B7 -4mm
FLEX	
Gearbox	Standard
Side rails	Standard
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	1585 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	**RSX 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	**85 %**
Radio EPA throttle	**80 %**
Radio model	**T10PX**
Receiver brand	**Futaba**
Receiver model	**F-4G**
Servo brand	**REDS**
Servo model	**SRX 15**

ESC SETTINGS

Brake: Drag	**15 %**