Awesomatix A800R

Setup: 25.5 Base Setup · Travis Brewer (Pro Performance RC Inc) · Jul 10, 2025

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EVENT

Event	Club Race

TRACK

Track	TR Speedway
Type	Indoor carpet
Grip / moisture	Medium / Dry
Surface / layout	Smooth / Medium/Tight
Air temp	70°F (21°C)
Track temp	60°F (16°C)

RESULTS

Race type	Practice
Race number	1
Finish	1st

FRONT SUSPENSION

ACKERMANN

Inner steering link shims	0mm - FSS rearward mm
Outer steering link position	Back
Steering arms	AM14LS-HD
Anti-roll bar	1.1 mm
Anti-roll bar stiffener	None
Axle height: steering block shims	0 mm
Bump steer: outer steering link shims	2 mm
Camber	-1.5 degrees
Caster	4 degrees
Differential height	Low
Downstop	5.8 mm
Lower arm extension	0 mm
Lower arm F mount shims	2 mm
Lower arm R mount shims	2 mm
Ride height	5.2 mm
Steering blocks	Standard
Steering lock in/out	23.5 / 16 degrees
Toe	-1 degrees

TRACK

Wheel hexes	Standard
Wheel shims	0 mm
Upper arm F mount shims	2.5 mm
Upper arm mount	Standard
Upper arm mount position	Inside
Upper arm outer shims	2.25 mm
Upper arm R mount shims	2.5 mm

REAR SUSPENSION

Anti-roll bar	1.1 mm
Anti-roll bar stiffener	None
Axle height: hub shims	0 mm
Camber	-2 degrees
Caster	-3 degrees
Differential height	High
Downstop	5.0 mm
Lower arm extension	0 mm
Lower arm F mount shims	2.5 mm
Lower arm R mount shims	2.5 mm
Ride height	5.4 mm
Steering arms	AM23-1
Steering blocks	Standard
Toe	3 degrees
Toe, active: outer toe link shims	2.25 mm

TRACK

Wheel hexes	Standard
Wheel shims	0 mm
Upper arm F mount shims	2.5 mm
Upper arm mount	Standard
Upper arm mount position	Inside
Upper arm outer shims	2.25 mm
Upper arm R mount shims	2.5 mm

NOTES OfficinaRC +/- 0.3mm Aluminum Diff Eccentric

SHOCKS

	FRONT	REAR
2nd spring	None	None
Damper brace	No	No
Dampers	D3	D3
Damping level	60 %	60 %
Damping rate	Progressive	Progressive
Oil weight	300 cst	350 cst
Rotor	2-hole	2-hole
Spring progression	0 %	0 %
Spring rate setting	1.4 mm	2.8 mm
Spring torque	63.5	91.3
Springs	Soft	Soft
SRS/RHS arrangement	I	I

DRIVETRAIN

DIFFS

Front type	Spool
Rear fluid	10,000 cst
Rear shims	Small mm
Drive ratio - internal	1.9
Driveshafts - front	US
Driveshafts - rear	Standard
Gear pitch	64
Spur	88 teeth

NOTES AT03R, P138A-LF, BEL351LF

BODY & CHASSIS

Battery holder - front	22g
Battery holder - rear	22g
Body	Speciale .5mm
Body stop height	11 mm
FLEX	
Bumper top plate cut	C07-RF
Chassis	Botos
Motor mount screws	2, 3
Upper deck	F: Soft / R: Standard
Upper deck screws	C, D
Rear wing	Twister .5mm
Screws & turnbuckles	1up Titanium Upper Screws Sortafast Titanium Turnbuckles
Weight balance - F/R	51 / 49 %
Weight: total	1320 g
WEIGHTS	
Motor mount	7g, 8g, 10g
Other	Front left: 15g Front center: 0g Front right: 15g Mid left: 41g Mid right: 21g Rear left: 10g Rear center: 10g Rear right: 0g

NOTES FSS, AM14LS-HD, AM23-1, AT15, C07-RF, OR14V, ST24S, G10 Top Decks, MXLR Flex Bumper, HRB shimmed up 1.75mm

TIRES

	FRONT	REAR
Tire brand / type	Gravity Type C	Gravity Type C
Tire additive	SXT	

ELECTRONICS

Battery brand	Team EAM
Battery capacity	5000 mAh
ESC brand	Pro Performance RC Inc
ESC model	XSC150P
Motor brand	R1 Wurks
Motor model	V30
Motor wind	25.5 turns
Radio brand	Sanwa/Airtronics
Receiver brand	Sanwa/Airtronics
Steering servo brand	Pro Performance RC Inc
Steering servo model	LP10HV-SR