Awesomatix A800R

Setup: 21.5 Base Setup · Travis Brewer (Pro Performance RC Inc) · Jun 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)

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 DT10+1.0 Aluminum Diff Eccentrics

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	92 teeth

NOTES AT03R, P138A-LF, BEL351LF

BODY & CHASSIS

Battery holder - front	Standard
Battery holder - rear	Standard
Body	Speciale .5mm
Body stop height	11 mm
FLEX	
Bumper top plate cut	C07-RF
Chassis	Allow
Motor mount screws	2, 3
Upper deck	F: Soft / R: Standard
Upper deck cuts	1 - Front, 2, 5, 6
Upper deck screws	C, D
Rear wing	Twister .5mm
Screws & turnbuckles	1up Titanium Upper Screws
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: 10g Mid left: 40g Mid right: 0g Rear left: 7g Rear center: 10g Rear right: 0g

NOTES 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 Zombie
Battery capacity	6250 mAh
ESC brand	Pro Performance RC Inc
ESC model	XSC150P
Motor brand	Team Zombie
Motor model	Evo 2
Motor wind	21.5 turns
Radio brand	Sanwa/Airtronics
Receiver brand	Sanwa/Airtronics
Steering servo brand	Pro Performance RC Inc
Steering servo model	LP10HV-SR