AE RC8 B4.1

Setup: Adrenaline RC Outdoors · Javon Mallory (Team Associated) · Oct 27, 2024

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EVENT	
Event	Fall Points

TRACK	
Track	Adrenaline RC Outdoors
Type	Outdoor blue groove
Grip / moisture	Medium/High / Dry
Surface / layout	Medium/Rutted / Medium
Air temp	70°F (21°C)

RESULTS	
Race type	Main
Race number	1
Finish	1st

FRONT SUSPENSION

A mount inserts	Mid
Ackermann: inner link position	2 - Mid
Anti-roll bar	2.2 mm
Anti-roll bar end gap	0 mm
B mount inserts	Mid
Bump steer: outer steering link shims	0 mm
Camber	-1 degrees
Camber: upper pillow ball shims	1mm
Caster: upper arm shims	3 mm
Droop	Flush with chassis / 30mm to bottom of axle threads on 36mm blocks mm
Lower arm stiffeners	None
Lower arms	Kit
Ride height	24 mm
SHOCKS	
Arm mounts	B - Out
Tower mounts	2 - Mid
Steering block arm	+0
Toe	-2 degrees
Tower	Aluminum
TRACK	
Lower pillow ball shims	0 mm
Wheel hexes	+0mm
Upper arm stiffeners	None
UPPER ARM	
Mount inserts - F	Center
Mount inserts - R	Center
Upper arms	Soft
Wheelbase: lower arm shims	1 mm

ELECTRONICS

Radio brand	Futaba
Radio model	10PX

REAR SUSPENSION

Anti-roll bar	2.5 mm
Anti-roll bar end gap	0 mm
Anti-roll bar mounts	Wide
Arm stiffeners	None
Arms	Soft
Axle height	Low
C mount	HRC narrow
C mount inserts	Down
Camber	-1 degrees
CAMBER LINK	
Inner location	2 - Inside mid
Outer location	Opt tower: C - Up out
D mount	HRC narrow
D mount inserts	Down
Ride height	26 mm
SHOCKS	
Arm mounts	B - Mid
Tower mounts	3 - Mid
Toe	3.5 degrees
Tower	Aluminum
Track: wheel hexes	+1mm
WHEELBASE	
Arm shims	1 mm
Hub shims	1 mm

ENGINE

Engine brand	MX
Engine model	B4R JTP
Fuel	TNR 30%
Glow plug	OS P3
Pipe / header	Os2090/75mm
Restrictor	6.5mm

TIRES

	FRONT	REAR
Tire brand / type	JConcepts Relapse	JConcepts Relapse
Tire compound	Blue	Blue
Tire insert	JConcepts Dirt Tech	JConcepts Dirt Tech
Wheel brand / type	JConcepts Bullet	JConcepts Bullet

SHOCKS

	FRONT	REAR
Bladders	Kit	Kit
Eyelets	0 mm	+4 mm
Oil weight	40 wt	40 wt
Pistons	VRP 20H Red flap front	VRP 20H black flap rear
Rebound	0 %	0 %
Shock length	Droop mm	Droop mm
Springs	AE 1.5D Brown	Tekno Orange
Shock oil brand	Team Associated	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	6,000 cst
Diff gears	High traction	High traction
Diff ratio	44/13	44/13
Center diff fluid	10,000 cst	
Center diff gears	High traction	

DRIVETRAIN

Brake bias	50/50
Clutch shoes	4 Aluminum
Clutch springs	4 Gold
Drive ratio - internal	3.385
Driveshafts - front	92mm Universal
Driveshafts - rear	92mm Universal
Pinion	13 teeth
Spur	46 teeth

BODY & CHASSIS

Body	JConcepts S15
Chassis layout	RWB
Radio tray braces	Brace & transponder mount
Rear chassis brace insert	Kit
Rear chassis brace pivot	Kit
Rear chassis brace screws	Rear
Rear wing	JConcepts Plastic Razor
Rear wing angle	4 degrees
Rear wing buttons	MPR
Rear wing height	Low
Rear wing mount	Kit
Weight balance - F/R	49 / 51 %