AE RC8 B4.1

Setup: LCRC Raceway · Dylan Manchanda (Team Associated) · Aug 24, 2025

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EVENT

Event	Season Opener

TRACK

Track	LCRC Raceway
Type	Outdoor blue groove
Grip / moisture	Medium / Wet
Surface / layout	Medium / Open/Medium
Air temp	75°F (24°C)
Track temp	60°F (16°C)

RESULTS

Race type	Main
Race number	B
Finish	6th

FRONT SUSPENSION

A mount inserts	Mid
Ackermann: inner link position	3 - Back
Anti-roll bar	2.2 mm
Anti-roll bar end gap	0 mm
B mount inserts	Mid
Bump steer: outer steering link shims	2 mm
Camber: upper pillow ball shims	1.4 mm
Caster: upper arm shims	1 mm
Droop	102 mm
Lower arm stiffeners	None
Lower arms	Kit
Ride height	25 mm
SHOCKS	
Arm mounts	B - Out
Tower mounts	2 - Mid
Steering block arm	+2 degree
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

NOTES 16 KPI

TIRES

	FRONT	REAR
Tire brand / type	JC Reflex	JC Reflex
Tire compound	Soft	Soft
Wheel brand / type	JC Mono	JC Mono

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	Mid
C mount	Shelle 2.5+1
C mount inserts	Center
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 and out
Ride height	25 mm
SHOCKS	
Arm mounts	B - Mid
Tower mounts	4 - Mid-out
Tower	Aluminum
Track: wheel hexes	+1mm
WHEELBASE	
Arm shims	0 mm
Hub shims	1 mm

NOTES 2.5 rear sway bar for mains when grooved

ENGINE

Engine brand	EBMods
Engine model	Invictus OP-2
Glow plug	EB Mods
Pipe / header	EBMods

SHOCKS

	FRONT	REAR
Bladders	Emulsion	Emulsion
Eyelets	0 mm	+2 mm
Oil weight	40 wt	37.5 wt
Pistons	Schelle 5 hole XTR standard	Schelle 5 hole XTR standard
Shock length	102 mm	122 mm
Springs	AE 1.5d White	AE 1.5d White
Shock oil brand	Team Associated	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	8,000 cst	10,000 cst
Diff gears	19mm HTC	19mm HTC
Diff ratio	44/13	44/13
Center diff fluid	10,000 cst	
Center diff gears	19mm HTC	

DRIVETRAIN

Clutch shoes	4 aluminum
Clutch springs	4 gold/1.0
Drive ratio - internal	3.385
Driveshafts - front	92mm Universal
Driveshafts - rear	92mm Universal
Pinion	13 teeth
Spur	47 teeth

BODY & CHASSIS

Body	JC p2
Chassis layout	FWB
Radio tray braces	Brace & transponder mount
Rear chassis brace insert	Kit
Rear chassis brace pivot	Kit
Rear chassis brace screws	Front, Rear
Rear wing	JC Razor LD
Rear wing angle	2 degrees
Rear wing height	Low
Rear wing mount	Kit