AE RC8 B4e

Setup: Testing · Julien Oliveras · Aug 31, 2022

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EVENT

Event	Practice / Testing

TRACK

Track	All Out RC Orlando
Type	Outdoor loose/loamy
Grip / moisture	Low / Dusty/Dry
Surface / layout	Bumpy/Rutted / Tight/Medium
Air temp	90°F (32°C)
Track temp	80°F (27°C)

FRONT SUSPENSION

A mount inserts	Middle
Ackermann: inner link position	3 - Front
Anti-roll bar	2.2mm
Anti-roll bar end gap	2.0 mm
B mount inserts	Middle
Bump steer: outer steering link shims	0 mm
Camber: upper arm pillow ball shims	1.4 mm
Caster: upper arm shims - F/R	2 / .9 mm
Droop	106 mm
Lower arm stiffeners	None
Lower arms	Hard
Ride height	25 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3
Steering block arm	+2 degree
Toe	-2 degrees
Tower	Aluminum
TRACK	
Lower arm pillow ball shims	0.35 mm
Wheel hexes	+0mm
Upper arm stiffeners	None
UPPER ARM	
Mount inserts - front	Center
Mount inserts - rear	Center
Upper arms	Hard
Wheelbase: lower arm shims	Long (behind arm) mm

REAR SUSPENSION

Anti-roll bar	2.3mm
Anti-roll bar end gap	5.5 mm
Arm stiffeners	None
Arms	Hard
Axle height: hub pin hole	Low (high pin)
C mount	LRC narrow
C mount inserts	In
Camber	-1 degrees
CAMBER LINK	
Inner stud location	1 - Inside bottom
Outer stud location	C - Outside
D mount	HRC narrow
D mount inserts	Down
Droop	Max shock length (Unscrew droop screw until the bottom of it is flat with the arm) mm
Hubs	Kit
Ride height	27 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	1 - Inside
Tower	Aluminum
Track: wheel hexes	+2mm
WHEELBASE	
Arm spacers	Long (front of arm)
Hub spacers - F/R	1 / 4 mm

TIRES

	FRONT	REAR
Tire brand / type	JC Kosmos	JC Kosmos
Tire compound	Green	Green
Tire insert	Closed-cell	Closed-cell
Tire prep	None	None
Wheel brand / type	JC	JC

SHOCKS

	FRONT	REAR
Bladders	Emulsion	Emulsion
Oil weight	47.5 wt	45 wt
Pistons	3 x 1.4 + 2 x 1.5 Tapered	3 x 1.5 + 2 x 1.6 Tapered
Rebound	0 %	0 %
Springs	Mugen 9.0	Mugen 10.5
Shock oil brand	Team Associated	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	7,000 cst
Diff gears	High traction	High traction
Center diff fluid	5,500 cst	
Center diff gears	High traction	

DRIVETRAIN

Drive ratio - internal	3.5
Driveshafts - front	Universal
Driveshafts - rear	Universal
Pinion	17 teeth
Spur	RC8B4 46 teeth

BODY & CHASSIS

Battery layout	2x2s Saddle configuration, but moved 22mm forward
Body	JC S15
Rear chassis brace screws	B - Rear
Rear wing	JC F2I
Rear wing angle shim	2 degrees
Rear wing height	Low
Rear wing mount	Kit

NOTES Using upper holes for wing mount