AE RC8 B3.2

Setup: Low-Medium Grip, Hard Packed Dirt (2) · Josh Bommer (Team Associated & Reedy) · Aug 30, 2022

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EVENT

Event	N/A

TRACK

Track	Hank Perry Raceway
Type	Outdoor hard-packed
Grip / moisture	Low / Dusty
Surface / layout	Bumpy / Medium
Air temp	60°F (16°C)
Track temp	66°F (19°C)

FRONT SUSPENSION

A mount inserts	Middle
Ackermann	3 - Front
Anti-roll bar	2.3mm Black
Anti-roll bar end gap	2.0 mm
B mount inserts	Middle
Camber	-1.5 degrees
Droop	105 mm
LOWER ARM	
Pillow ball spacers	1 mm
Pillow balls	Steel
Stiffeners	Plastic
Ride height	25 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3
Steering block arm	+2 degree
Steering link: outer stud spacers	0 mm
Toe	+2 degrees
Tower	Carbon fiber
Track: wheel hexes	0mm
Upper arm spacers (caster)	0.9 mm
UPPER ARM	
Mount inserts - front	Up
Pillow ball spacers	1.4 mm
Pillow balls	Aluminum
Stiffeners	Carbon fiber 1.2mm
Wheelbase: lower arm spacers	Long (behind arm) mm

NOTES Servo Saver Arm Aluminum

BODY & CHASSIS

Body	JConcepts S15
Chassis brace - front	Short
Chassis brace - rear	Short
Radio tray configuration	1 - least flex
Rear wing	JConcepts F2i
Rear wing mount	High
Weight: total	3648 g
Weights	Rear 30g

NOTES Weight with body on and full fuel tank

REAR SUSPENSION

Anti-roll bar	2.5mm White
Anti-roll bar end gap	1 mm
Arm stiffeners	Plastic
Arms	Kit
Axle height: hub pin hole	Low (high pin)
C mount inserts	Center
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Inside bottom
Outer stud location	B - Outside
D mount inserts	Down
Droop	127.5 mm
Hubs	Aluminum
Ride height	26 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3
Toe	-3.5 degrees
Tower	Graphite tall
Track: wheel hexes	+1mm
WHEELBASE	
Arm spacers	Short (behind arm)
Hub spacers	Front 1.5mm / rear 3.5mm

NOTES Center Hub Axle Height

ENGINE

Engine brand	Ultimate Racing
Engine model	M3X V2.0
Fuel	Nitrolux 30%
Glow plug	P3
Pipe / header	Ultimate Racing 2141

NOTES 6.5mm Venturi

SHOCKS

	FRONT	REAR
Bodies	30.5mm	39.5mm
Caps	Bleeder	Bleeder
Oil weight	350 cst	300 cst
Pistons	3x1.35/3x1.45 (Blue Valve)	3x1.35/3x1.5 (Blue Valve)
Rebound	0 %	0 %
Shafts	30.5mm	42.5mm
Shock length	Top of shaft threads mm	Top of shaft threads mm
Springs	Blue	White - lightest
Shock oil brand	Ultimate Racing	

NOTES MIP Bypass1 (Mugen) Pistons

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	6,000 cst
Diff gears	High traction	High traction
Center diff fluid	7,000 cst	
Center diff gears	High traction	

DRIVETRAIN

Brake bias	Front 60 / rear 40
Clutch shoes & springs	FT Adjustable Clutch, 2 alum and 2 plastic with green springs, adjust to third hash
Driveshafts - front	94mm CVA
Driveshafts - rear	94mm CVA
Pinion	13 teeth
Spur	46 teeth

TIRES

	FRONT	REAR
Tire brand / type	AKA Gridiron	AKA Gridiron
Tire compound	SSLW	SSLW
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	AKA	AKA

ELECTRONICS

Radio brand	**Futaba**
Radio model	**4PV**
Receiver battery	**Reedy Lipo**
Receiver brand	**Futaba**
Receiver model	**Futaba**
Steering servo brand	**Reedy**
Steering servo model	**RC4020A**
Throttle servo brand	**Reedy**
Throttle servo model	**RC4020A**
Transponder ID	**6732665**

NOTES Steering Endpoint, Left 97 - Right 107
Throttle Endpoint, 58
Brake Endpoint, 30

Throttle Expo, -20