AE RC10 B64

Setup: Base Outdoor Hard-Packed (light dust) · Wade Scott · Oct 29, 2021

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EVENT

Event	All-Around

TRACK

Track	Pit Stop Hobbies
Type	Outdoor hard-packed
Grip / moisture	Medium / Dry/Dusty
Surface / layout	Medium/Bumpy / Medium
Air temp	75°F (24°C)
Track temp	65°F (18°C)

FRONT SUSPENSION

A mount	Aluminum LRC
A mount inserts	.5° down, 1° out
Anti-roll bar	Prototype .08mm
Arms	B74.1 hard
Axle height	+1 mm
B mount	Brass LRC
B mount inserts	.5° up, 1° out
Camber	-1 degrees
CAMBER LINK	
Inner stud location	5 - Outside top
Outer stud spacers	1.0 mm
Hub carrier	10 degrees caster
Ride height	20 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	2 - Middle
STEERING LINK	
Inner stud spacers	1 mm
Outer stud spacers	0.5 mm
Steering plate / arm	Carbon type 2
Toe	+1 degrees
Tower	Kit
Track: wheel hexes	5mm TLR 22X-4
Wheelbase: arm spacers	Mid (spacer front & rear)

DRIVETRAIN

Clutch pads	None
Drive ratio - final	N/A
Drive ratio - internal	N/A
Drive type	Differential
Driveshafts - front	76mm CVA
Driveshafts - rear	65mm CVA
Pinion	19 teeth
Spur	81 teeth

TIRES

	FRONT	REAR
Tire brand / type	J-Concepts	J-Concepts
Tire compound	Green	Blue
Tire insert	Closed-cell	Closed-cell
Tire prep	None	None
Wheel brand / type	AE (low traction) J-Concepts Mono (high traction)	J-Concepts Mono

NOTES Proto inserts w/ tailored webbing

REAR SUSPENSION

Anti-roll bar	1.4mm - Grey
Arms	B74.1 hard
Axle height: hub insert	+1 mm (1/2 up)
C mount	Aluminum LRC
C mount inserts	1 in, .5 up (R)
Camber	-1 degrees
CAMBER LINK	
Inner stud location	1 - Inside bottom
Outer stud location / hub insert	(Mid-C)
D mount	Aluminum LRC
D mount inserts	1 in, .5 up (R)
Gearbox shim	None
Hub	AE billet B64
Ride height	20 mm
SHOCKS	
Arm mounting hole	B - Mid (B74.1 arm's)
Tower mounting hole	2 - Middle
Tower	AE Tall (31mm style)
Track: wheel hexes	4.5mm TLR 22X-4
WHEELBASE	
Arm spacers	Short (arm forward)
Hub spacers	Middle

NOTES Rear track width is .85mm wider than Kit-B64d

BODY & CHASSIS

	FRONT	REAR
Wing	J-Concepts high tower	Proline

Battery position	Forward
Body	Kit
Chassis brace - rear	Long w/ window cutouts
Rear wing angle	3 degrees
Weight - chassis	0 g
Weight: total	1798 g

SHOCKS

	FRONT	REAR
Bodies	12x23mm FOX Kashima coated	12x31mm FOX Kashima coated
Cup offset	5 mm	5 mm
Eyelet length	Long	Long
Limiters (external)	3 mm	0 mm
Limiters (internal)	1	1
Oil weight	37.5 wt	30 wt
Pistons	2 x 1.6 + 1mm VRP "X2"	2 x 1.7 + 1mm VRP "X2"
Shafts	3x23mm v2 Chrome	3x27.5mm v2 Chrome
Springs	v2 Blue	v1 White
Stroke	24.5 mm	28.5 mm
Shock oil brand	Team Associated	

NOTES Prototype ball-bearing shock caps

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	3,000 cst
Diff gears	Metal sun/ plastic bevel	Metal sun/ plastic bevel
Center diff fluid	133,000 cst	
Center diff gears	Metal sun/ plastic bevel	
Diff fluid brand	AE blended	

NOTES Crown, pinion & sun gears are R.E.M. finished/ Center diff uses "B74" diff gasket for less drag & added shimming under sun gears for less outdrive slop/ Front & Rear diff's use "B64" gaskets & added shimming under sun gears as well

ELECTRONICS

Battery brand	**Team Orion**
Battery C rating	**100**
Battery capacity	**5500 mAh**
ESC brand	**Pro Performance Inc.**
ESC model	**150 pro**
ESC settings	**10° turbo 10% drag**
Motor brand	**Hobbywing**
Motor model	**V3**
Motor timing	**21 degrees**
Motor wind	**5.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio EPA steering	**100 %**
Radio EPA throttle	**100 %**
Radio model	**M18**
Receiver brand	**Sanwa/Airtronics**
Servo brand	**Pro Performance Inc.**
Servo model	**Pro**