AE RC10 B74.1

Setup: 2023 TLR Winter Indoor Challenge · Ryan Atkinson · Mar 23, 2023

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EVENT

Event	2023 TLR Winter Indoor Challenge
Class	13.5 4WD Buggy

TRACK

Track	SmacTrac
Type	Indoor clay
Grip / moisture	High / Wet
Surface / layout	Medium / Tight/Medium
Air temp	70°F (21°C)

FRONT SUSPENSION

A mount inserts	0.5 down and in
Anti-roll bar	2.0mm
Arms	Kit
Axle height	+3 mm
B mount inserts	0.5 down and in
Camber	-1 degrees
CAMBER LINK	
Inner stud location	5 - Inside middle
Outer stud spacers	2.0 mm
Caster block	9 degrees
Differential height	+3mm (2 dots down)
Ride height	14 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Outside
Steering block arms	Kit
Steering blocks	Kit
Steering link stud spacers - in/out	1 / 0 mm
Steering link: inner stud location	1 - Front
Toe	+1 degrees
Tower	Kit
Track: wheel hexes	5mm
Wheelbase: arm spacers	Long (arm forward)

TIRES

	FRONT	REAR
Tire brand / type	AKA Slicks	AKA Slicks
Tire compound	Clay/Purple	Clay/Purple
Tire insert	Closed-cell	Closed-cell
Tire prep	TDK	TDK
Wheel brand / type	AKA	JConcepts Mono

NOTES Glue front sidewalls

REAR SUSPENSION

Anti-roll bar	2.0mm
Arms	Kit
Axle height (hub insert)	+3mm - 0 down / 3 up
C mount	LRC
C mount inserts	1 down
Camber	-1 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud mount spacers	2 mm
Outer stud spacers	2 mm
D mount	LRC
D mount inserts	0 center
Differential height	+2mm (1 dot down)
Hubs	Kit
Ride height	23 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
Tower	Kit
Track: wheel hexes	7mm
WHEELBASE	
Arm spacers	Long (arm back)
Hub spacers	Long (hub back)

BODY & CHASSIS

	FRONT	REAR
Wing	None	JConcepts S-Type

Battery position	3
Body	JConcepts F2
Chassis	v2
Chassis brace - front	Plastic & fiberglass
Chassis brace - front screws	Front sides, Front, Middle, Rear
Chassis brace - rear	Plastic & fiberglass
Chassis brace - rear screws	Front, Mid-front, Mid-rear, Rear center, Rear sides
Motor mount	Kit
Rear wing angle	6 degrees
Top plate brace	Carbon
Weight: total	1816 g

SHOCKS

	FRONT	REAR
Bodies	12x23mm v2	12x27.5mm v2
Cup offset	9 mm	0 mm
Eyelet length	Long	Long
Limiters - int/ext	0 / 2 mm	0 / 1 mm
Oil weight	37.5 wt	35 wt
Pistons	2 x 1.6mm FT v2	2 x 1.7mm FT v2
Shafts	3x23mm v2 TiN	3x27.5mm v2 TiN
Springs	v2 Red	v2 Gray
Stroke	22 mm	27.5 mm
Shock oil brand	Team Losi	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	15,000 cst
Diff gears	Plastic	Plastic
Diff mass	46.0 g	46.0 g
Center diff fluid	50,000 cst	
Center diff gears	Plastic	
Center diff mass	44.5 g	
Diff fluid brand	TLR	

DRIVETRAIN

Clutch pads	None
Clutch tightness	N/A mm
Drive ratio - internal	2.5
Drive type	Differential
Driveshafts - front	74mm CVA
Driveshafts - rear	66m CVA
Spur	78 teeth

ELECTRONICS

Battery brand	HOOVO
Battery C rating	100
Battery capacity	6000 mAh
Battery model	2S
ESC brand	Hobbywing
ESC model	Quicrun
Motor brand	Whitz Racing
Motor model	HyperSpec 13.5
Motor timing	41 degrees
Radio brand	Futaba
Radio EPA steering	90 %
Radio EPA throttle	90 %
Radio model	T10PX
Servo brand	Savox
Servo model	Black Edition
Transponder ID	3144366