AE RC10 B7/D

Setup: 011 1/10/25 Ft RC adjustment · Tony Mester · Jan 15, 2025

so dialed
Open/save in RC Setup App →

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EVENT	
Event	Friday night off-road
Class	17.5 2wd buggy

TRACK	
Track	Coastal RC
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Medium
Air temp	70°F (21°C)
Track temp	70°F (21°C)

RESULTS	
Best lap	13.396 s
Average lap	13.972 s

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering plate	B6.3 FT Carbon HT +1
Anti-roll bar	1.0 mm
Arms	Carbon
Axle height: steering block shims	+2 mm
Bellcrank link length	2 mm
Bellcrank orientation	Up
Bulkhead	+/-2.5 deg aluminum
Bulkhead shims	1 mm
Bump steer: outer steering link shims	2 mm
Camber	-2 degrees
CAMBER LINK	
Inner location	2 - Mid
Inner shims	2 mm
Outer mount	+1 mm
Outer shims	3 mm
Caster: caster block inserts	0 degrees
Kick-up	+2.5 degrees
Ride height	14 mm
Servo horn shims	0 mm
SHOCKS	
Arm mounts	A - In
Tower mounts	2 - Mid
Steering block KPI	2 degrees
Steering blocks	Carbon
Steering stop shims	1.2 mm
Toe	-0.5 degrees
Tower	Standard
Track: wheel hexes	5 mm
Wheelbase: caster block shims	Long

NOTES FT 91983 alu bellcranks with kit rack. Camber originally set with setup station, but was too pushy. Added camber to show -2 deg via Protek gauge. This equates to about -3 deg on setup station.

REAR SUSPENSION

Anti-roll bar	1.2 mm
Arms	Carbon
Axle height: hub inserts	+3 mm
C mount	Steel 26g
C mount inserts	1 up and out
Camber	-2 degrees
CAMBER LINK	
Inner location	3 - Out
Inner shims	4 mm
Outer mount shims	0 mm
Outer shims	0 mm
D mount	Standard
D mount inserts	0.5 in
Differential height	2 mm
Hubs	92409 Carbon STD hubs
Ride height	14 mm
SHOCKS	
Arm mounts	A - In
Tower mounts	3 - Mid-out
Tower	Standard
Track: wheel hexes	6 mm
WHEELBASE	
Arm shims	Long
Hub shims	Long

NOTES Hub tower bump outwards. Camber was set via setup station initially but needed more. Set via Protek gauge.

BODY & CHASSIS

	FRONT	REAR
Wing	None	JConcepts 6.5in
Battery mount offset	Standard	
Battery position	4	
Body	B7	
Chassis	B7 -4mm	
FLEX		
Gearbox	Carbon	
Side rails	Carbon	
Top plate	Standard	
Rear wing angle	0 degrees	
Screws & turnbuckles	Ti upper screw kit and Ti turnbuckles (both 1Up)	
Weights: electronics plate	11g Aluminum	

NOTES Slipper was set tight and wheelied a couple times. Not really a problem though.

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	+2 mm	+2 mm
Limiters - ext	2 mm	3 mm
Limiters - int	1 mm	0 mm
Oil weight	40 wt	35 wt
Pistons	2mm 3x1.5mm	2mm 3x1.6mm
Springs	4.0lb Red	2.2lb Blue
Stroke	23 mm	28 mm

Shock bodies	Standard
Shock oil brand	Team Losi
Shock shafts	Chrome

NOTES Stroke measurement does NOT include external limiters (which will reduce stroke)

DRIVETRAIN

Clutch pads	2 x 19mm
Clutch type	Slipper
Differential fluid	80,000 cst
Differential fluid brand	Team Associated
Differential type	Gear - metal
Drive ratio - internal	2.60
Driveshafts	69mm CVA
Pinion	27 teeth
Spur	72 teeth

NOTES Whitz Racing ceramic bearing kit

TIRES

	FRONT	REAR
Tire brand / type	JConcepts Fuzz Bite Narrow	JConcepts Fuzz Bite
Tire compound	Pink	Pink
Tire insert	None	Incl with tire
Wheel brand / type	JConcepts	JConcepts

NOTES Run rear tires forwards, fronts just barely run in, rears brand new

ELECTRONICS

Battery brand	**Exalt**
Battery capacity	**5200 mAh**
Battery model	**X-Rated**
ESC brand	**Muchmore**
ESC model	**Fleta Pro V3**
Motor brand	**Muchmore**
Motor model	**Fleta V3 ER 17.5T**
Motor wind	**17.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio model	**MT-5**
Receiver brand	**Sanwa/Airtronics**
Receiver model	**RX-493i**
Servo brand	**MKS Servos**
Servo model	**HBL550LX**
Transponder ID	**9630295**

NOTES 12A charge via SkyRC T200

ESC SETTINGS

NOTES Messed with drag brake setting - changed from 12 to 25. Didn't really notice anything. Need to fiddle with ESC settings more in depth and document what is being used.