AE RC10 T6.4

Setup: Tacoma RC Raceway 17.5 Sunday Club Race 12/17/24 · Mark Landsaat · Dec 18, 2023

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EVENT

Event	Sunday Club Race 12/17/23

TRACK

Track	Tacoma RC Raceway
Type	Indoor clay
Grip / moisture	Medium / Dry
Surface / layout	Medium / Medium
Air temp	60°F (16°C)
Track temp	60°F (16°C)

RESULTS

Race type	Main
Finish	1st

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering arm	+1mm
Anti-roll bar	Gray 1.3mm
Arms	Kit
Axle height	2 mm
Bulkhead	Revolution Design RDRP0292-BLK
Bulkhead orientation	+2.5 degrees
Bump steer: outer steering link shims	1 mm
Camber	-1
CAMBER LINK	
Inner location	3 - Outside
Inner shims	1 mm
Outer location	A - Inside
Caster block insert	+2.5 degrees
Ride height	24 mm
SHOCKS	
Arm mounts	B - Outside
Tower mounts	3 - Outside
Steering bellcrank orientation	Low
Steering stop shims	0 mm
Toe	0 degrees
Tower	T6.4
Track: wheel hexes	8.5 mm
Trail: steering blocks	4 mm
Wheelbase: caster block shims	1 mm

NOTES Should try stiffer anti-roll bar to take out some more steering

ELECTRONICS

Battery brand	Reedy
Battery capacity	4800 mAh
Battery model	Zappers SG5
ESC brand	Hobbywing
ESC model	XR10 Pro G2S
Motor brand	Fantom
Motor timing	45 degrees
Motor wind	13.5 turns

REAR SUSPENSION

Anti-roll bar	None
Arms	Kit
Axle height: hub inserts	0 (0/3 up)
C mount	Wide
C mount inserts	1 out
Camber	-1 degrees
CAMBER LINK	
Inner location	2 - Middle
Inner shims	4 mm
Outer mount shims	2 mm
Outer shims	2
D mount	Wide
D mount inserts	1 out
Differential height	3 mm
Hubs	Plastic
Ride height	24 mm
Shock location	Front of arm
SHOCKS	
Arm mounts	A - Inside
Tower mounts	1 - Inside
Tower	T6.2
Track: wheel hexes	7mm
WHEELBASE	
Arm shims - F/R	0 / 2 mm
Hub shims	Forward

NOTES Rear suspension is still sliding a little too much on corner entry at the end of the straight. Maybe try more camber gain next time. Can also try different pill inserts to lower roll center

BODY & CHASSIS

Battery position	Front hole / 4
Battery weight	50 g
Body	Proline Axis ST
FLEX	
Chassis	T6.4
Chassis side rails	Std
Rear wing	Kit
Weights: other	11g Chassis weight g

SHOCKS

	FRONT	REAR
Cup offset	5 mm	5 mm
Eyelet length	+0 mm	+0 mm
Limiters - int/ext	0/1 mm	0/1 mm
Oil weight	32.5 wt	27.5 wt
Pistons	2mm 2x1.7mm holes	2mm 2x1.8mm holes
Springs	4.6lb Gray	2.35lb White
Stroke	28 mm	34 mm

Shock oil brand: Team Associated

DRIVETRAIN

Clutch pads	2
Clutch tightness	Unload front suspension when applying full throttle
Clutch type	Slipper
Differential fluid	NA cst
Differential fluid brand	NA
Differential mass	NA g
Differential type	Ball
Drive ratio - final	7.80
Drive ratio - internal	2.60
Driveshafts	92.5mm CVD
Pinion	26 teeth
Spur	78 teeth
Transmission gears	3
Transmission orientation	Laydown

NOTES Try running a 27 tooth Pinion next time

TIRES

	FRONT	REAR
Tire brand / type	Rawspeed/Slick	Rawspeed/Slick
Tire compound	Clay/White	Clay/White
Tire inserts	Default	Default
Wheel brand / type	JConcepts/Mono	JConcepts/Mono

Tire prep: Simple Green and Sticky Kicks, Front Gold, Rear Purple