AE RC10 B7/D

Setup: Tacoma RC 17.5 base setup · Mark Landsaat · Apr 29, 2024

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EVENT	
Event	Club Racing

TRACK	
Track	Tacoma RC Raceway
Type	Indoor clay
Grip / moisture	Medium / Dry
Surface / layout	Smooth / Medium
Air temp	70°F (21°C)
Track temp	60°F (16°C)

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering plate	+1mm
Anti-roll bar	None mm
Arms	Standard
Axle height: steering block shims	+1 mm
Bellcrank link length	1.5 mm
Bellcrank orientation	Up
Bulkhead	0 deg aluminum
Bulkhead shims	1 mm
Bump steer: outer steering link shims	1 mm
Camber	-1 degrees
CAMBER LINK	
Inner location	2 - Mid
Inner shims	1 mm
Outer mount	+0 mm
Outer shims	2 mm
Caster: caster block inserts	-2.5 degrees
Kick-up	0 degrees
Ride height	19 mm
Servo horn shims	1 mm
SHOCKS	
Arm mounts	C - Out
Tower mounts	2 - Mid
Steering block KPI	1 degrees
Steering blocks	Standard
Steering stop shims	0 mm
Toe	0 degrees
Tower	Standard
Track: wheel hexes	5 mm
Wheelbase: caster block shims	Long

ESC SETTINGS

BRAKE	
Drag	0 %
Frequency	1 kHz
Strength	100%
Throttle: Frequency	1 kHz

REAR SUSPENSION

Anti-roll bar	None mm
Arms	Standard
Axle height: hub inserts	+1 mm
C mount	Standard
C mount inserts	1 in
Camber	-1 degrees
CAMBER LINK	
Inner location	2 - Mid
Inner shims	2 mm
Outer mount shims	2 mm
Outer shims	1 mm
D mount	Standard
D mount inserts	1 down and in
Differential height	1 mm
Hubs	Standard
Ride height	19 mm
SHOCKS	
Arm mounts	B - Mid
Tower mounts	4 - Out
Tower	Standard
Track: wheel hexes	5 mm
WHEELBASE	
Arm shims	Mid
Hub shims	Mid

TIRES

	FRONT	REAR
Tire brand / type	AKA/Void	AKA/Void
Tire compound	Clay	Clay
Tire insert	Default	Default
Wheel brand / type	JConcepts/Mono	JConcepts/Mono

ELECTRONICS

Battery brand	Reedy
Battery capacity	4800 mAh
Battery model	Zappers SG5
ESC brand	Hobbywing
ESC model	XR10 Pro
Motor brand	Reedy
Motor model	SP5
Motor timing	30 degrees
Motor wind	17.5 turns

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	+2 mm	+4 mm
Oil weight	32.5 wt	27.5 wt
Pistons	2.5mm 2x1.8mm holes	2.5mm 2x1.9mm holes
Springs	3.4lb Gray	2.0lb Gray
Stroke	23 mm	28 mm

Shock bodies	Standard
Shock oil brand	Team Associated
Shock shafts	Standard

DRIVETRAIN

Clutch pads	2 x 19mm
Clutch type	Slipper
Differential fluid brand	Team Associated
Differential type	Ball
Drive ratio - final	6.76
Drive ratio - internal	2.60
Driveshafts	69mm CVA
Pinion	30 teeth
Spur	78 teeth

BODY & CHASSIS

	FRONT	REAR
Wing	None	Rawspeed

Battery mount offset	Standard
Battery position	3
Body	B7
Chassis	B7 +0mm
FLEX	
Gearbox	Standard
Side rails	Standard
Top plate	Standard
Rear wing angle	6 degrees
Weights: electronics plate	11g Aluminum