AE RC10 SC7

Setup: AE RC10 SC7 · Jonathan · Nov 19, 2026

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TRACK

Type	Indoor carpet
Grip / moisture	High

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Steering plate	+1mm
Anti-roll bar	1.4 mm
Arms	Kit
Axle height: steering block shims	+2 mm
Bellcrank link length	2 mm
Bellcrank orientation	Up
Bulkhead	Aluminum
Bulkhead shims	2 mm
Bump steer: outer steering link shims	0 mm
Camber	-2 degrees
CAMBER LINKS	
Inner	Mid
Inner shims	0 mm
Outer	-2 mm
Outer shims	1 mm
Caster: caster block inserts	+2.5 degrees
Kick-up	+2.5 degrees
KPI: steering block	0 degrees
Ride height	15 mm
Shock tower	Kit
SHOCKS	
Arm mounts	Out
Tower mounts	In
Steering crank shims	0 mm
Steering stop shims	0 mm
Toe	-0.5 degrees
Track: wheel hexes	8.5 mm
Trail	4 mm
Wheelbase: caster block shims	Long

ELECTRONICS

Battery brand	Cayote
Battery C rating	145 C
Battery capacity	5000 mAh
Battery model	CYE502S145
ESC brand	Hobbywing
ESC model	XR10
Motor brand	Hobbywing
Motor model	V10
Motor timing	30 degrees
Motor wind	13.5 turns
Servo brand	ProTek
Servo model	300 LPT

REAR SUSPENSION

Anti-roll bar	1.4 mm
Arms	Kit
Axle height: hub inserts	+3 mm
C mount	Kit
C mount inserts	1 up and out
Camber	-2 degrees
CAMBER LINKS	
Inner	Mid
Inner shims	4 mm
Outer mount shims	2 mm
Outer shims	1 mm
D mount	Kit
D mount inserts	1 down and in
Differential height	3 mm
Hubs	HRC
Ride height	16 mm
Shock tower	Kit
SHOCKS	
Arm mounts	Out
Tower mounts	In
Track: wheel hexes	7 mm
WHEELBASE	
Arm shims	Mid
Hub shims	Mid

NOTES Pin width: +1.4mm
Pin Height: 0mm
Anti-Squat: 1 degree
Toe angle: 3 degree

TIRES

	FRONT	REAR
Tire brand / type	Jconcepts	JConcepts
Tire compound	Pink	Pink, Medium Soft
Tire insert	Foam	Foam
Wheel brand / type	Swaggers (3187) / Medium Soft	Pin Downs(3188)

SHOCKS

	FRONT	REAR
Cup offset	5 mm	5 mm
Eyelet length	0 mm	0 mm
Limiters - ext	0 mm	0 mm
Limiters - int	3 mm	6 mm
Oil weight	45 wt	40 wt
Pistons	2.5mm 2x1.7mm holes	2.5mm 2x1.9mm holes
Springs	3.8lb Yellow	2.3lb Yellow
Stroke	24.5 mm	30 mm

Shock bodies	Standard
Shock oil brand	Team Associated
Shock shafts	Standard

DRIVETRAIN

Clutch pads	0
Clutch type	Direct drive
Differential fluid	80,000 cst
Differential fluid brand	1UP
Differential type	Gear - metal
Drive ratio - final	7.80
Drive ratio - internal	2.60
Driveshafts	CVA
Pinion	25 teeth
Spur	75 teeth

BODY & CHASSIS

Battery mount offset	Standard
Battery position	3
Body	Kit
Chassis	Kit
Electronics layout	Servo/transponder-M3 ESC- m4/L4 Receiver-M3/m4 Fan-L7 Motor-m6 Battery-L5/M5/R5
FLEX	
Gearbox	Kit
Side rails	Kit
Top plate	Kit
Screws & turnbuckles	Titanium turnbuckles
Weights: electronics plate	11g Aluminum