AE RC10 B7/D

Setup: My Base Setup · Ethan Hawkins · Nov 8, 2025

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TRACK

Track	Houston RC
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Medium
Air temp	85°F (29°C)
Track temp	85°F (29°C)

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering plate	+1mm
Anti-roll bar	1.1 mm
Arms	Standard
Axle height: steering block shims	+3 mm
Bellcrank link length	1 mm
Bellcrank orientation	Up
Bulkhead	0 deg aluminum
Bulkhead shims	1 mm
Bump steer: outer steering link shims	0 mm
Camber	-2 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	13 mm
Servo horn shims	0 mm
SHOCKS	
Arm mounts	B - Mid
Tower mounts	2 - Mid
Steering block KPI	2 degrees
Steering blocks	Standard
Steering stop shims	0 mm
Toe	+1 degrees
Tower	Standard
Track: wheel hexes	5 mm
Wheelbase: caster block shims	Short

ESC SETTINGS

Brake: Frequency	4k kHz
Throttle: Frequency	8k kHz

REAR SUSPENSION

Anti-roll bar	1.0 mm
Arms	Standard
Axle height: hub inserts	+1 mm
C mount	Standard
C mount inserts	1 up and out
Camber	-1 degrees
CAMBER LINK	
Inner location	2 - Mid
Inner shims	4 mm
Outer mount shims	2 mm
Outer shims	1 mm
D mount	Standard
D mount inserts	1 up and in
Differential height	3 mm
Hubs	Standard
Ride height	14 mm
SHOCKS	
Arm mounts	B - Mid
Tower mounts	4 - Out
Tower	Standard
Track: wheel hexes	5 mm
WHEELBASE	
Arm shims	Short
Hub shims	Short

BODY & CHASSIS

	FRONT	REAR
Wing	B7	B7 7"

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	JConcepts 12.3g
Servo	Steel (16g)

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	0 mm	+4 mm
Limiters - ext	1 mm	2 mm
Limiters - int	0 mm	0 mm
Oil weight	35 wt	35 wt
Pistons	2.5mm 2x1.6mm holes	2.5mm 2x1.7mm holes
Springs	Avid 9 dot (4.75lb)	Avid 5 dot (2.45lb)
Stroke	23 mm	28 mm

Shock bodies	Kashima
Shock oil brand	Team Associated
Shock shafts	Standard

DRIVETRAIN

Clutch pads	Slipper Eliminator
Clutch type	Direct drive
Differential fluid	30,000 cst
Differential fluid brand	Team Associated
Differential type	Gear - metal
Drive ratio - final	6.69
Drive ratio - internal	2.60
Driveshafts	69mm CVA
Pinion	29 teeth
Spur	72 teeth

TIRES

	FRONT	REAR
Tire brand / type	JConcepts FuzzBites	JConcepts FuzzBites
Tire compound	Pink	Pink
Wheel brand / type	Premounted	Premounted

ELECTRONICS

Battery brand	ProTek
Battery C rating	130c
Battery capacity	4800 mAh
Battery model	Graphene Flux
ESC brand	Hobbywing
ESC model	Xr10 Pro 150A
ESC settings	Blinky
Motor brand	Hobbywing
Motor model	V10 G4R
Motor timing	43 degrees
Motor wind	17.5 turns

NOTES 10A