AE RC10 B7/D

Setup: My Base Setup · Michael Valentine (Associated) · Oct 16, 2025

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TRACK

Type	Indoor carpet
Grip / moisture	Medium/High / Dry
Surface / layout	Smooth/Medium / Tight/Medium
Air temp	70°F (21°C)
Track temp	75°F (24°C)

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Steering plate	+1mm
Anti-roll bar	1.1 mm
Arms	Carbon
Axle height: steering block shims	+3 mm
Bellcrank link length	2 mm
Bellcrank orientation	Up
Bulkhead	+/-2.5 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	0 mm
Outer mount	+0 mm
Outer shims	2 mm
Caster: caster block inserts	-2.5 degrees
Kick-up	+2.5 degrees
Ride height	13 mm
Servo horn shims	0 mm
SHOCKS	
Arm mounts	B - Mid
Tower mounts	2 - Mid
Steering block KPI	0 degrees
Steering blocks	Carbon
Steering stop shims	0 mm
Toe	+1 degrees
Tower	-2
Track: wheel hexes	5 mm
Wheelbase: caster block shims	Long

REAR SUSPENSION

Anti-roll bar	1.4 mm
Arms	Carbon
Axle height: hub inserts	+3 mm
C mount	Standard
C mount inserts	1 up and out
Camber	-2 degrees
CAMBER LINK	
Inner location	2 - Mid
Inner shims	4 mm
Outer mount shims	0 mm
Outer shims	1 mm
D mount	Standard
D mount inserts	1 down and in
Differential height	3 mm
Hubs	Carbon
Ride height	13 mm
SHOCKS	
Arm mounts	B - Mid
Tower mounts	3 - Mid-out
Tower	-2
Track: wheel hexes	5 mm
WHEELBASE	
Arm shims	Long
Hub shims	Mid

NOTES New arms. 71 mm dog bones

BODY & CHASSIS

	FRONT	REAR
Wing	None	B7 7"

Battery mount offset	Standard
Battery position	4
Body	B7
Chassis	B7 -4mm
FLEX	
Gearbox	Carbon
Side rails	Carbon
Top plate	Carbon
Rear wing angle	6 degrees
Screws & turnbuckles	Titanium turnbuckles
Weights: electronics plate	6.15g Carbon fiber

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	0 mm	+2 mm
Limiters - ext	0 mm	0 mm
Limiters - int	2 mm	0 mm
Oil weight	37.5 wt	32.5 wt
Pistons	2.5mm 2x1.7mm holes	2.5mm 2x1.9mm holes
Springs	4.0lb Red	2.2lb Blue
Stroke	23 mm	28 mm

Shock bodies	Kashima
Shock oil brand	Team Associated
Shock shafts	Standard

NOTES Rear upside down

DRIVETRAIN

Clutch pads	Lockout
Clutch type	Direct drive
Differential fluid	60,000 cst
Differential fluid brand	Team Associated
Differential type	Gear - metal
Drive ratio - internal	2.60
Driveshafts	71 mm. New arms
Pinion	35 teeth
Spur	75 teeth

TIRES

	FRONT	REAR
Tire brand / type	Sweep	Sweep
Tire compound	Yellow	Pink/yellow