AE RC10 B7/D

Setup: Asso B7 HK-cup indoor carpet · Bob Romijn · Jan 7, 2025

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EVENT	
Event	HK-cup
Class	2WD Modified

TRACK	
Track	HK-Cup Kleinhau indoor
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Tight
Air temp	17.5°C (64°F)

RESULTS	
Race type	Main
Race number	A
Finish	3rd
Best lap	15.189 s

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering plate	+1mm
Anti-roll bar	0.9 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	-1 degrees
CAMBER LINK	
Inner location	3 - Out
Inner shims	2 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	C - Out
Tower mounts	2 - Mid
Steering block KPI	2 degrees
Steering blocks	Standard
Steering stop shims	0 mm
Toe	0 degrees
Tower	Standard
Track: wheel hexes	5 mm
Wheelbase: caster block shims	Long

REAR SUSPENSION

Anti-roll bar	1.3 mm
Arms	Standard
Axle height: hub inserts	+1 mm
C mount	Standard
C mount inserts	1 in
Camber	-2 degrees
CAMBER LINK	
Inner location	2 - Mid
Inner shims	3 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	14 mm
SHOCKS	
Arm mounts	C - Out
Tower mounts	3 - Mid-out
Tower	Standard
Track: wheel hexes	5 mm
WHEELBASE	
Arm shims	Long
Hub shims	Mid

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Splinter	Schumacher cactus
Tire compound	Yellow	Yellow
Tire insert	None	Schumacher Tuby
Wheel brand / type	Preglued	Schumacher

ELECTRONICS

Battery brand	Intellect Pioneering
Battery capacity	4400 mAh
Battery model	LCG HV
ESC brand	LRP
Motor brand	NOSRAM
Motor model	Xtec
Motor wind	6.5 turns

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	+2 mm	+4 mm
Oil weight	35 wt	35 wt
Pistons	2.5mm 2x1.8mm holes	2.5mm 2x1.9mm holes
Springs	4.3lb Orange	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 - internal	2.60
Driveshafts	69mm CVA
Spur	78 teeth

BODY & CHASSIS

	FRONT	REAR
Wing	B7	B7 7"

Battery mount offset	Standard
Battery position	1 - Back
Body	B7
Chassis	B7 +0mm
FLEX	
Gearbox	Standard
Side rails	Standard
Top plate	Standard
Rear wing angle	6 degrees
Weights: electronics plate	11g Aluminum