AE RC10 B7/D

Setup: Dudley Winter Series Round 5 · Micheal Hobday · Apr 1, 2025

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EVENT	
Event	Winter Series Round 5

TRACK	
Track	Dudley
Type	Indoor carpet
Grip / moisture	Low / Dry
Surface / layout	Smooth / Tight

RESULTS	
Race type	Qualifier
Race number	A
Finish	7th

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Steering plate	+1mm
Anti-roll bar	1.0 mm
Arms	Carbon
Axle height: steering block shims	+3 mm
Bellcrank link length	3 mm
Bellcrank orientation	Down
Bulkhead	0 deg aluminum
Bulkhead shims	0 mm
Bump steer: outer steering link shims	0 mm
Camber	-1 degrees
CAMBER LINK	
Inner location	2 - Mid
Inner shims	1 mm
Outer mount	B6.3 Hubs and outer Hole mm
Outer shims	B6.3 Hubs mm
Caster: caster block inserts	+5 degrees
Kick-up	0 degrees
Ride height	12 mm
Servo horn shims	0 mm
SHOCKS	
Arm mounts	B - Mid
Tower mounts	2 - Mid
Steering block KPI	B6.3 Steering Block 3 degrees
Steering blocks	Standard
Steering stop shims	0 mm
Toe	-1 degrees
Tower	Hall -2
Track: wheel hexes	5 mm
Wheelbase: caster block shims	Long

REAR SUSPENSION

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	0 center
Differential height	1 mm
Hubs	Standard
Ride height	19 mm
SHOCKS	
Arm mounts	B - Mid
Tower mounts	4 - Out
Tower	Hall -4
Track: wheel hexes	5 mm
WHEELBASE	
Arm shims	Long
Hub shims	Short

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Splinter Yellow	–

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	0 mm	0 mm
Oil weight	30 wt	30 wt
Pistons	2mm 3x1.5mm	2mm 3x1.6mm
Springs	4.6lb Purple	Schumacher CoreRC Black
Stroke	22 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	20,000 cst
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	5
Body	B7
Chassis	B7 +0mm
FLEX	
Gearbox	Carbon
Side rails	Standard
Top plate	Standard
Rear wing angle	6 degrees
Weights: electronics plate	11g Aluminum

NOTES Hall Brothers RC chassis braces