AE RC10 B74.1

Setup: Brca · Peter Stein · May 11, 2022

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TRACK

Track	BRCA
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Tight

FRONT SUSPENSION

A mount inserts	0 center
Anti-roll bar	2.0mm
Arms	Hard
Axle height	+3 mm
B mount inserts	0 center
Camber	-1 degrees
CAMBER LINK	
Inner stud location	6 - Inside top
Outer stud spacers	0 mm
Caster block	9 degrees
Differential height	+3mm (2 dots down)
Ride height	13 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	1 - Inside
Steering block arms	Kit
Steering blocks	Kit
Steering link stud spacers - in/out	1 / 0 mm
Steering link: inner stud location	1 - Front
Toe	+2 degrees
Tower	Kit
Wheel hex	4mm
Wheelbase (arm spacers)	Long (arm forward)

REAR SUSPENSION

Anti-roll bar	1.9mm
Arms	Hard
Axle height (hub insert)	+3mm - 0 down / 3 up
C mount	LRC
C mount inserts	1 out
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Outer stud mount spacers	1 mm
Outer stud spacers	2 mm
D mount	LRC
D mount inserts	1 in
Differential height	+3mm (2 dots down)
Hubs	Kit
Ride height	13 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle
Tower	Kit
Wheel hex	7mm
Wheelbase (arm spacers)	Long (arm back)
Wheelbase (hub spacers)	Middle

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	Kit

Battery position	3
Body	Lightweight
Chassis	v2
Chassis brace - front	Plastic & fiberglass
Chassis brace - front screws	All
Chassis brace - rear	Plastic & fiberglass
Chassis brace - rear screws	All
Motor mount	Kit
Rear wing angle	6 degrees
Top plate brace	Carbon

SHOCKS

	FRONT	REAR
Bodies	12x23mm v2	12x27.5mm v2
Cup offset	9 mm	0 mm
Eyelet length	Long	Long
Limiters - int/ext	0 / 2 mm	0 / 1 mm
Oil weight	55 wt	35 wt
Pistons	2 x 1.6mm FT v2	2 x 1.7mm FT v2
Shafts	3x23mm v2 TiN	3x27.5mm v2 TiN
Springs	v2 Red	v2 Blue
Stroke	24 mm	27.5 mm

Rear limiters (internal)	1 mm
Shock oil brand	Team Associated

DIFFERENTIALS

	FRONT	REAR
Diff fluid	15,000 cst	10,000 cst
Diff gears	Metal	Metal
Diff mass	46.0 g	46.0 g

Center diff gears	N/A
Center diff mass	44.5 g
Diff fluid brand	AE

DRIVETRAIN

Clutch pads	2
Clutch tightness	2.1-3.8 mm
Drive ratio - internal	2.5
Drive type	Slipper
Driveshafts - front	74mm CVA
Driveshafts - rear	66m CVA
Pinion	18 teeth
Spur	78 teeth