AE RC10 B74.1D

Setup: Willspeed B74.1d · Andrew Deffains · May 11, 2022

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TRACK

Track	LQ Outdoors
Type	Outdoor astroturf
Grip / moisture	Medium / Dry
Surface / layout	Smooth / Open
Air temp	17.5°C (64°F)
Track temp	14°C (57°F)

FRONT SUSPENSION

A mount inserts	0.5 up
Anti-roll bar	1.9mm
Arms	Kit
Axle height	+2 mm
B mount inserts	0.5 up
Camber	-1 degrees
CAMBER LINK	
Inner stud location	5 - Inside middle
Outer stud spacers	2.0 mm
Caster block	9 degrees
Differential height	0 (2 dots up)
Ride height	17 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
Steering block arms	Kit
Steering blocks	Kit
Steering link stud spacers - in/out	3 / 0 mm
Steering link: inner stud location	1 - Front
Toe	+1 degrees
Tower	Kit
Wheel hex	5mm
Wheelbase (arm spacers)	Long (arm forward)

TIRES

	FRONT	REAR
Tire brand / type	Schumacher	Schumacher
Tire compound	Yellow	Yellow
Tire insert	Open-cell	Open-cell
Wheel brand / type	AE	AE

NOTES Fusion front
Mini Dart rear

REAR SUSPENSION

Anti-roll bar	1.7mm
Arms	Kit
Axle height (hub insert)	+0mm - 0 up / 3 down
C mount	LRC
C mount inserts	0 center
Camber	-1 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud mount spacers	2 mm
Outer stud spacers	1 mm
D mount	LRC
D mount inserts	0 center
Differential height	0 (2 dots up)
Hubs	Kit
Ride height	17 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
Tower	Kit
Wheel hex	6mm
Wheelbase (arm spacers)	Long (arm back)
Wheelbase (hub spacers)	Middle

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	Kit

Battery position	3
Body	Lightweight
Chassis	Willspeed
Chassis brace - front	None
Chassis brace - front screws	3 front, 1 rear, center open
Chassis brace - rear	Plastic & fiberglass
Chassis brace - rear screws	1 front, 1 middle, 2 rear, others open
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	5 mm
Eyelet length	Long	Short
Limiters - int/ext	4 mm	4 mm
Oil weight	45 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 White
Stroke	22 mm	27.5 mm

Rear limiters (internal)	0 mm
Shock oil brand	Team Associated

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	7,000 cst
Diff gears	Metal	Metal
Diff mass	46.0 g	46.0 g

Center diff fluid	500,000 cst
Center diff gears	Metal
Center diff mass	44.5 g
Diff fluid brand	AE

DRIVETRAIN

Drive ratio - internal	2.5
Drive type	Differential
Driveshafts - front	74mm CVA
Driveshafts - rear	66m CVA
Pinion	20 teeth
Spur	78 teeth

ELECTRONICS

Battery brand	Intellect
Battery C rating	120
Battery capacity	4400 mAh
ESC brand	SkyRC
ESC model	160
Motor brand	Hobbywing
Motor wind	6.5 turns
Radio brand	Sanwa/Airtronics
Radio model	MT44
Servo brand	Savox