AE RC10 B6.3 D

Setup: Whip It Raceway · Cliff Babcock · Sep 25, 2023

so dialed
Open/save in RC Setup App →

Scan to open in the app

TRACK

Track	Whip It
Type	Indoor clay
Grip / moisture	High / Dry
Surface / layout	Bumpy / Tight/Medium
Air temp	75°F (24°C)
Track temp	75°F (24°C)

FRONT SUSPENSION

ACKERMANN	
Inner steering stud spacers	1 mm
Steering plate	+1mm
Anti-roll bar	None
Arms	Gull-wing
Axle height	+2 mm
Bulkhead	Aluminum
Bumpsteer: outer steering stud spacers	0 mm
Camber	-1 degrees
CAMBER LINK	
Inner stud location	3 - Outside
Inner stud spacers	1 mm
Outer stud location	B - Outside
Caster	25 deg - Kick-up: 30 / Block insert: -5
Ride height	18 mm
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	2 - Middle
Steering stop spacers	0 mm
Toe	-1 degrees
Tower	B6.3 Gull-wing
Track: wheel hexes	5mm Aluminum
Trail: steering block	4 mm
Wheelbase: caster block spacers - F/R	Front 1mm placed in front of the block. mm

NOTES Need to make the front wheelbase wider. Add a 12mm hex, 1mm thick to each front wheel.

ELECTRONICS

Battery brand	Gens Ace
Battery C rating	130 C
Battery capacity	5100 mAh
ESC brand	Hobbywing
ESC model	X10 stock spec 80a
ESC settings	Blinky 13.5
Motor brand	Fantom
Motor model	Helix
Motor timing	42 degrees
Motor wind	13.5 turns
Radio brand	Sanwa/Airtronics
Radio EPA steering	98 %
Radio model	M17
Receiver brand	Sanwa/Airtronics
Receiver model	492
Servo brand	ProTek
Servo model	160TBL

REAR SUSPENSION

Anti-roll bar	None
Arms	73mm
Axle height: hub insert	+3 mm (0/3 down)
C mount	Wide aluminum
C mount inserts	1 down and in
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	0 mm
Outer stud mount spacers	0 mm
Outer stud spacers	2 mm
D mount	Wide aluminum
D mount inserts	1 down and in
Differential height	3 mm
Hubs	Aluminum
Ride height	18 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	2 - Mid-in
Tower	Wide
Track: wheel hexes	7mm
WHEELBASE	
Arm spacers	Long (back)
Hub spacers	Long (back)

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	Kit

Battery position	Front hole / 4
Body	Kit
Chassis	B6.3D
Rear wing angle	6 degrees
WEIGHT	
Electronics plate	None
Servo	None
Total	1569 g

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	+2mm Long	+2mm Long
Limiters - internal/external	0 / 0 mm	0 / 1 mm
Oil weight	35 wt	35 wt
Pistons	2mm 2x1.6mm FT v2	2mm 2x1.7mm FT v2
Shafts	x2 3x21mm Chrome	x2 3x27.5mm Chrome
Springs	v1 3.45lb Gray	1.91lb White
Stroke	21 mm	27.5 mm

Shock oil brand: Team Associated

NOTES Bleed the shocks

DRIVETRAIN

Axle	+2mm CVA
Clutch pads	2 x 11mm ID Octalock LCF
Clutch type	Slipper; HD B6.3
Differential fluid brand	Team Associated
Differential type	Ball
Drive ratio - internal	2.60
Driveshafts	69mm
Spur	78 teeth
Transmission gears	3
Transmission orientation	Laydown

TIRES

	FRONT	REAR
Tire brand / type	Raw Speed 4wd slicks	Raw Speed Slicks
Tire compound	Gumball	Gumball
Tire insert	Open-cell	Open-cell
Wheel brand / type	Proline	JCONCEPTS