AE RC10 B74.1

Setup: Soom Series Telford Wet · Ryan Clarke · May 11, 2022

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EVENT	
Event	Soom series round 1

TRACK	
Track	Telford
Type	Outdoor astroturf
Grip / moisture	Low / Wet
Surface / layout	Bumpy / Tight

RESULTS	
Race type	Main

FRONT SUSPENSION

A mount inserts	0.5 up
Anti-roll bar	1.6mm
Arms	Kit
Axle height	+2 mm
B mount inserts	0 center
Camber	-2 degrees
CAMBER LINK	
Inner stud location	5 - Inside middle
Outer stud spacers	0 mm
Caster block	10 degrees
Differential height	+1mm (1 dot up)
Ride height	18 mm
SHOCKS	
Arm mounting hole	B - Outside
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	2 - Back
Toe	0 degrees
Tower	Kit
Track: wheel hexes	5mm
Wheelbase: arm spacers	Long (arm forward)

DRIVETRAIN

Clutch pads	Na
Clutch tightness	0 mm
Drive ratio - internal	2.5
Drive type	Differential
Driveshafts - front	74mm CVA
Driveshafts - rear	66m CVA
Pinion	21 teeth
Spur	78 teeth

NOTES Centre Diff all day

ELECTRONICS

Battery brand	Intellect Pioneering
Battery capacity	4200 mAh
ESC brand	Hobbywing
ESC model	Xr10 pro
Motor brand	Hobbywing
Motor model	V10 g3
Motor wind	6.5 turns
Radio brand	Sanwa/Airtronics
Radio model	Exzes ZZ
Servo brand	Highest
Servo model	D1000

REAR SUSPENSION

Anti-roll bar	1.4mm
Arms	Kit
Axle height (hub insert)	+0mm - 0 up / 3 down
C mount	LRC
C mount inserts	0.5 down and in
Camber	-2 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	0.5 down
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
Track: wheel hexes	5mm
WHEELBASE	
Arm spacers	Short (arm forward)
Hub spacers	Short (hub forward)

NOTES Found the rear arms binding when cleaning need to keep an eye on this

BODY & CHASSIS

	FRONT	REAR
Wing	No	Proline Lw

Battery position	3
Body	Proline Axis LW
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	None
Weight: total	1636 g

SHOCKS

	FRONT	REAR
Bodies	12 x 23mm Fox Kshima	12 x 27mm Fox Kashima
Cup offset	9 mm	5 mm
Eyelet length	Long	Long
Limiters - int/ext	0 / 0 mm	0 / 0 mm
Oil weight	37.5 wt	30 wt
Pistons	2 x 1.6mm FT v2	2 x 1.7mm FT v2
Shafts	3 x 23mm Chrome	3x27.5mm v2 Chrome
Springs	v2 Yellow	v2 White
Stroke	23 mm	27.5 mm
Shock oil brand	Team Associated	

NOTES Possibly look to drop rear oil next time

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	7,000 cst
Diff gears	Plastic	Plastic
Diff mass	36 g	36 g
Center diff fluid	100,000 cst	
Center diff gears	Plastic	
Center diff mass	37 g	
Diff fluid brand	AE	

NOTES Possibly go lighter on the centre diff oil to 50k

Drop front and rear diffs to 5k all round

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Mezzo	Schumacher Mezzo
Tire compound	Silver	Silver
Tire insert	Schuey Blue	Schuey Blue
Wheel brand / type	JConcepts	JConcept

NOTES Try cragg or tubby foams all round.