4WD Off-road Electric Template

Setup: Astro Dry (Stotfold) · Dom Tranquille · Aug 20, 2022

so dialed
Open/save in RC Setup App →

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EVENT

Event	National 2022

TRACK

Track	Stotfold Model Car Club
Type	Outdoor astroturf
Grip / moisture	High / Dry
Surface / layout	Bumpy/Medium / Medium
Air temp	40°C (104°F)
Track temp	67.5°C (154°F)

FRONT SUSPENSION

Anti-roll bar	1.6 mm
Arms	V2 medium
Camber	-1 degrees
CAMBER LINK	
Inner location	38.5mm Plate
Inner spacers	0 mm
Outer spacers	0 mm
Caster	22.5 degrees
Differential height	Low
Hub carriers	12.5 degree blocks
Kick-up	10 degrees
Ride height	17 mm
SHOCKS	
Arm mounting hole	Middle
Tower mounting hole	Middle
Steering blocks	Kit
STEERING LINK	
Inner spacers	0 mm
Outer spacers	1 mm
Suspension mounts	2mm (xxxmm total track width)
Toe	0 degrees
Tower	Kit
Track: wheel hexes	Kit

NOTES Extra droop shock tower

ELECTRONICS

Battery brand	Performa
Battery capacity	5800 mAh
Battery model	Graphene
Motor wind	5.5 turns

REAR SUSPENSION

Anti-roll bar	1.4 mm
Anti-squat	0 degrees
Arms	Kit
Camber	-2 degrees
CAMBER LINK	
Inner location	37.5mm plate
Inner spacers	3 mm
Outer location	Middle
Differential height	Low
Ride height	17 mm
Shock location	Front
SHOCKS	
Arm mounting hole	Outer
Tower mounting hole	Middle
Toe	3.25 degrees
Tower	Kit
Track: wheel hexes	Kit
Wheelbase: arm spacers	Long

NOTES Suspension block spacers
Rear: 3.5mm
Front: 0.5mm

BODY & CHASSIS

	FRONT	REAR
Wing	Yes	Proline Trifecta
Body	Kit	
Chassis	CF	
Rear wing wickerbill	Middle line	
Weight balance - F/R	46 / 54	
Weights	None	

NOTES CAT SX3 wing mounts

SHOCKS

	FRONT	REAR
Limiters (external)	0 mm	0 mm
Limiters (internal)	0 mm	0 mm
Oil weight	70 wt	50 wt
Pistons	2x1.7	2x2.1
Rebound	0 %	0 %
Shock length	83.3 mm	99.1 mm
Shock type	Emulsion	Emulsion
Springs	3.7lb/in	2.6lb/in
Shock oil brand	Schumacher	

DIFFERENTIALS

	FRONT	REAR
Diff type	Ball Differential	Ball Differential

DRIVETRAIN

Drive ratio - final	10.19
Drive ratio - internal	2.6
Drive type	Slipper
Driveshafts - front	Kit
Driveshafts - rear	Kit
Pinion	23 teeth
Spur	80 teeth

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Fusion	Schumacher Mezzo
Tire compound	Blue	Blue
Tire insert	Open-cell	Open-cell