2WD Off-Road Electric Template

Setup: Carpet Silverstone · Matthew Tunks · Feb 5, 2023

so dialed
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EVENT	
Event	Club night

TRACK	
Track	Silverstone
Type	Indoor carpet
Grip / moisture	Medium / Dry
Surface / layout	Smooth / Medium

FRONT SUSPENSION

Anti-roll bar	None
Arms	Lwb flipped
Camber	-1.5 degrees
CAMBER LINK	
Inner location	Longest inner hole
Inner spacers	0 mm
Hub carriers	Kit
Kick-up	2.5mm behind shock tower degrees
Ride height	14 mm
SHOCKS	
Arm mounting hole	Outer
Tower mounting hole	Middle middle pukka tower
Steering blocks	Kit
Steering center link	Kit
Suspension mounts	Kit
Toe	-1 degrees
Tower	Pukka parts short
Track: wheel hexes	Kit

NOTES Front arms flipped over, 5mm shorter wheelbase

REAR SUSPENSION

Anti-roll bar	None
Anti-squat	.5mm under front block
Arms	Lwb re re
Camber	-1 degrees
CAMBER LINK	
Inner location	C2 bulkhead middle inner
Inner spacers	0 mm
Outer location	C2 hubs lower hole
Outer spacers	0 mm
Differential height	0 mm
Hubs	Kit
Ride height	15 mm
SHOCKS	
Arm mounting hole	3rd out
Tower mounting hole	Upper middle pukka tower
Toe	Toe in 1.5deg
Tower	Pukka parts
Track: wheel hexes	Kit

NOTES Rear toe spacers (rear blocks) 1.5mm per side

SHOCKS

	FRONT	REAR
Bodies	Big bore	Big bore
Limiters (internal)	1.5mm	–
Oil weight	500 cst	400 cst
Pistons	1.6 x3	1.5 x3
Shafts	Kit	Kit
Springs	Orange	Yellow

Shock oil brand	CORE

NOTES Big bore fittings
U7649 shock standoffs
U4700 ultra long ball studs

DRIVETRAIN

Differential type	Ball
Drive ratio - final	8.77
Drive ratio - internal	2.07:1
Drive type	Slipper
Pinion	21 teeth
Slipper clutch pads	Kit
Spur	89 teeth

NOTES Pro transmission, SiNi thrust race, carbide main balls
Ld2 vented slipper plates

BODY & CHASSIS

	FRONT	REAR
Wing	Aerox ld2	Aerox
Body	Cougar 2	
Chassis	Kit	
Chassis brace	Tunks Tune horizontal forward battery	
Rear wing height	Med ld2 wing mount	
Screws & turnbuckles	Ti turnbuckles, ti rear and upper screws	
Weights	50g stick on weights in the nose	

TIRES

	FRONT	REAR
Tire brand / type	Schumacher	Schumacher mezzo
Tire compound	Yellow	Yellow
Tire insert	None	Open-cell
Wheel brand / type	Low pro cut stagger	Schumacher
Tire prep	–	Outer row cut

NOTES Rear blue inserts, outer edge rounded 3mm

ELECTRONICS

Battery brand	Intellect Pioneering
Battery capacity	4800 mAh
ESC brand	Hobbywing
ESC model	Xr10 pro
Motor brand	Hobbywing
Motor model	G3
Motor timing	25 degrees
Motor wind	8.5 turns