2WD Off-Road Electric Template

Setup: SDRC Setup · Jimmy Wright · Sep 21, 2020

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EVENT	
Event	Practice

TRACK	
Track	SDRC
Type	Indoor clay
Grip / moisture	Medium / Dry
Surface / layout	Medium / Medium
Track temp	78°F (26°C)

RESULTS	
Best lap	17.1 s
Average lap	17.4 s

FRONT SUSPENSION

Anti-roll bar	None
Arms	C/F
Axle height	High
Camber	0 degrees
CAMBER LINK	
Inner stud location	Outside
Inner stud spacers	2 mm
Outer stud location	Outside
Outer stud spacers	Fixed mm
Caster	25 degrees
Hub carriers	Kit
Kick-up	Kit degrees
Ride height	20 mm
Roll center	Kit
SHOCKS	
Arm mounting hole	Inner
Tower mounting hole	2nd hole from inner
Steering blocks	Alum.
Steering center link	Kit
STEERING LINK	
Inner stud spacers	3 mm
Outer stud spacers	2 mm
Steering stop spacers	0 mm
Suspension mounts	Kit
Toe	-1 degrees
Tower	Kit
Wheel hex	Kit
Wheelbase (arm spacers)	#3 position
Wheelbase (hub carrier spacers)	Spacers front/carrier back

REAR SUSPENSION

Anti-roll bar	None
Anti-squat	2.0
Arms	C/F
Axle height	Kit
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	Outer/ Short
Inner stud spacers	3 mm
Outer stud location	2nd hole from inner (kit plastic hubs)
Outer stud spacers	0 mm
Differential height	Low mm
Droop	Full w/ 2 turns out on the lower shock cup mm
Hubs	Kit
Ride height	20 mm
Roll center	Low
Shock location	Front
SHOCKS	
Arm mounting hole	Middle
Tower mounting hole	2nd from inner
Suspension mounts	Kit
Toe	-2.5
Tower	Kit
Wheel hex	0mm
Wheelbase (arm spacers)	N/A
Wheelbase (hub spacers)	Middle

ELECTRONICS

Battery brand	Fantom
Battery C rating	130
Battery capacity	4000 mAh
Battery model	LCG
ESC brand	Fantom
ESC model	FR10 Pro
ESC settings	20% drag brake
Motor brand	Fantom
Motor Kv constant	6000 Kv
Motor model	7.0
Motor timing	30 degrees
Motor wind	7 turns
Radio brand	KO Propo
Radio EPA steering	Max %
Radio EPA throttle	91%
Radio model	EX2

SHOCKS

	FRONT	REAR
Bodies	Kit	Kit
Pistons	Kit	Kit
Shafts	Kit	Kit
Springs	Kit	Kit

DRIVETRAIN

Differential fluid	N/A cst
Differential type	Ball
Drive type	Slipper
Driveshafts	CVA
Pinion	23 teeth
Slipper clutch pads	Kit
Spur	80 teeth
Transmission gears	3
Transmission orientation	Laydown

BODY & CHASSIS

	FRONT	REAR
Wing	–	Track Star W40
Battery position		10mm from motor
Body		Kit
Chassis		Kit
Rear wing angle		2 degrees
Rear wing height		Low wing

TIRES

	FRONT	REAR
Tire brand / type	Raw Speed Radar	Raw Speed Radar
Tire compound	Clay	Clay
Tire insert	Closed-cell	Closed-cell
Tire prep	Track Star Gold (inner half)	Track Star Gold (full tread)
Wheel brand / type	Schumacher	Schumacher

NOTES Sanded to 10% remaining