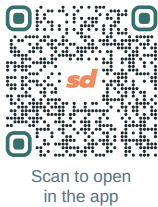


2WD Off-Road Electric Template

Setup: Base EPR · [Richmond Rogers \(Reds, Willspeed\)](#) · Jun 22, 2022

so dialed
Open/save in RC Setup App →



EVENT	
Event	Summer 3
Class	2wd

TRACK	
Track	EPR
Type	Outdoor astroturf
Grip / moisture	Medium/High / Dry
Surface / layout	Bumpy/Rutted / Tight/Medium
Air temp	22.5°C (73°F)

RESULTS	
Race type	Main
Race number	1
Finish	1st
Best lap	19.8 s

FRONT SUSPENSION	
Anti-roll bar	None
Arms	Plastic gullwing
Axle height	High
Camber	-2 degrees

CAMBER LINK	
Inner location	WS -2 ball stud mount. Middle hole with 1mm spacer under ball stud.
Inner spacers	1 mm
Outer location	Short
Outer spacers	0 mm
Caster	+5 degrees
Hub carriers	Kit
Kick-up	25 degrees
Ride height	17 mm

SHOCKS	
Arm mounting hole	Inner hole
Tower mounting hole	Outter
Steering blocks	+4
Steering center link	Alu

STEERING LINK	
Inner spacers	3 mm
Outer spacers	0 mm
Steering stop spacers	0 mm
Suspension mounts	Associated steel bulkhead
Toe	-1 degrees
Tower	Gull wing
Track: wheel hexes	6mm
Trail	4 mm

WHEELBASE	
Arm spacers	Brace at front. Arms rearwards
Hub carrier spacers	Spacers at rear. Casterblocks forward

NOTES Steel bulkhead improved stability under acceleration and gave better steering control in general. Inner hole on front wishbone improved rut and bump handling of car and increased mid to exit of corner steering

REAR SUSPENSION	
Anti-roll bar	None
Anti-squat	0.5
Arms	Plastic 73mm
Axle height	high (3 low hole position)
Camber	-2 degrees

CAMBER LINK	
Inner location	Outter middle
Inner spacers	0 mm
Outer location	2mm gain 2mm roll centre
Outer spacers	2 mm
Hubs	Kit plastic
Ride height	18 mm
Shock location	Front

SHOCKS	
Arm mounting hole	Inner
Tower mounting hole	Middle
Suspension mounts	kit C block & WS6.3 -1 D block
Toe	-3.0
Tower	WS -3
Track: wheel hexes	6mm

WHEELBASE	
Arm spacers	Arms forward
Hub spacers	Hubs Forward

BODY & CHASSIS		
Wing	FRONT None	REAR Kit lowered mount

Battery position	Std
Body	Falcon std weight
Chassis	Short
Chassis brace	None
Motor position	Std
Rear wing angle	+6 degrees
Rear wing height	Lower
Screws & turnbuckles	Std
Weight: total	1490 g
Weights	None

NOTES Used 6.3 -1 WS D block with STD C BLOCK. 0.5 degree anti squat. D block 1outward facing pill and C block 0.5 downward facing pill.

SHOCKS		
	FRONT	REAR
Bodies	Kit	Kit
Limiters (external)	0 mm	1 mm
Limiters (internal)	1 mm	1
Oil weight	30 wt	25 wt
Pistons	1.5 x2	1.6 x2
Shafts	Kit	Kit
Shock length	86.4 mm	99 mm
Springs	Red WS	Green WS
Stroke	22 mm	28 mm
Shock oil brand	Team Associated	

NOTES 1.5mm 2 hole front 1.6mm 2 hole rear

DRIVETRAIN	
Differential fluid	3,000 cst
Differential fluid brand	Xtr
Differential type	4-Gear
Drive type	Slipper
Driveshafts	69mm
Pinion	23 teeth
Slipper clutch pads	Kit
Spur	78 teeth
Transmission gears	WS
Transmission orientation	WS

TIRES		
	FRONT	REAR
Tire brand / type	Schmacher cut stagger	Schumacher
Tire compound	Yellow	Yellow
Tire insert	None	Schumacher Tubby
Wheel brand / type	Jc slim	Jc Mono

NOTES Cheater foams gave less drive and less side bite. Tubbys gave more side bite and drive.

ELECTRONICS	
Battery brand	Intellect Pioneering
Battery capacity	4400 mAh
Battery model	18.5 mm
ESC brand	REDS
ESC model	Prototype
ESC settings	Turbo 18 degress@ 2.0 deg / 0.1sec with 0.2 sec delay
Motor brand	REDS
Motor timing	26 degrees
Motor wind	6.5 turns
Servo brand	Sanwa/Airtronics
NOTES 1C	
NOTES Esc 7.4v output	